

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109634.D
 Acq On : 6 Oct 2018 3:09
 Operator : JU/SJ
 Sample : J5264-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 06 05:59:48 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

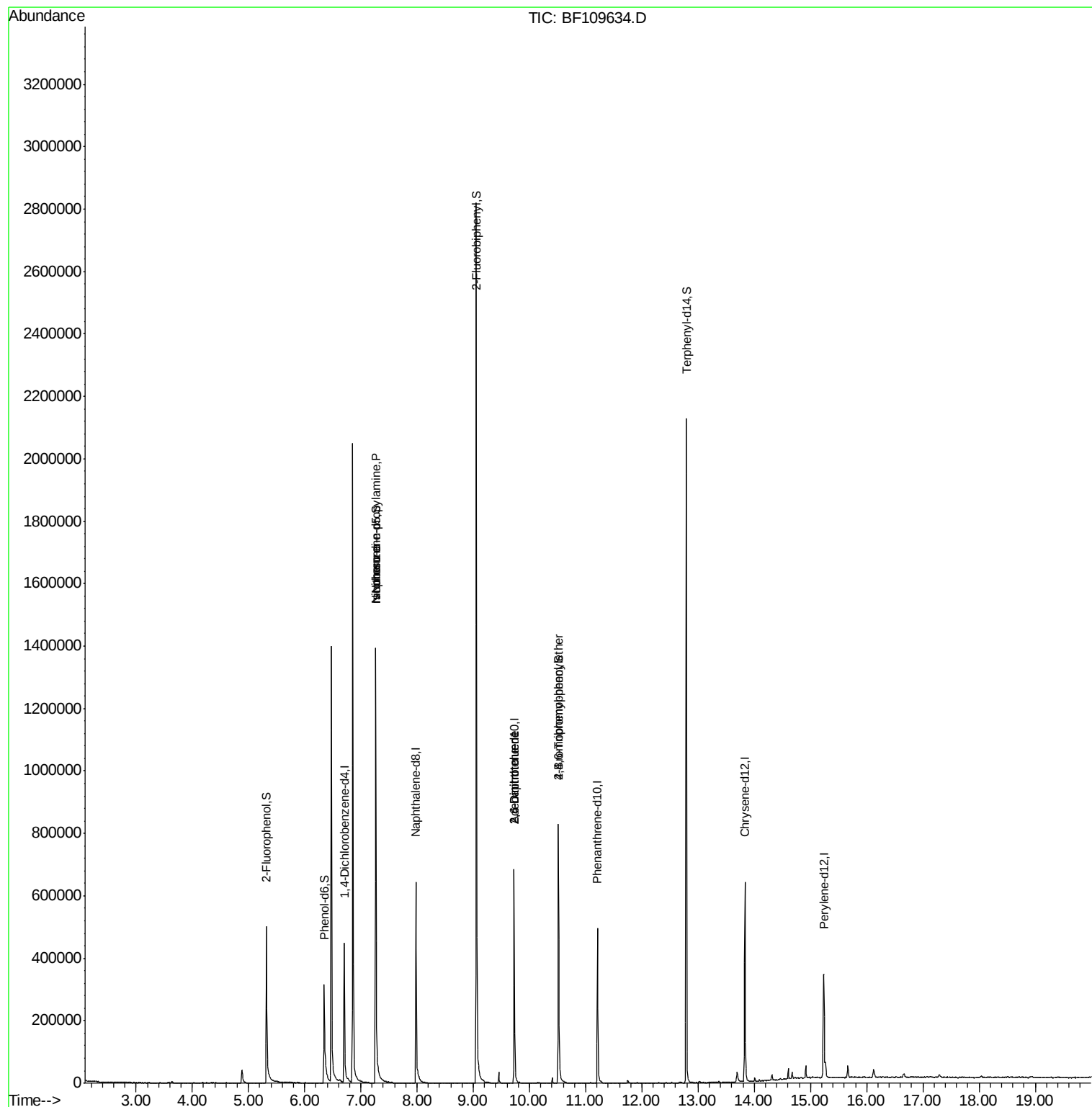
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94158	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	351088	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	143787	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	234900	20.00	ng	0.00
75) Chrysene-d12	13.83	240	231984	20.00	ng	-0.01
86) Perylene-d12	15.24	264	182261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	209249	36.60	ng	0.00
7) Phenol-d6	6.35	99	163490	22.41	ng	-0.01
23) Nitrobenzene-d5	7.27	82	592540	99.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	121545	85.75	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1027407	107.77	ng	-0.02
78) Terphenyl-d14	12.79	244	787871	83.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	81329	17.015	ng	# 74
25) Isophorone	7.27	82	572969	53.499	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	17368	8.385	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	17368	6.627	ng	# 23
66) 4-Bromophenyl-phenylether	10.52	248	6982	2.677	ng	# 1

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

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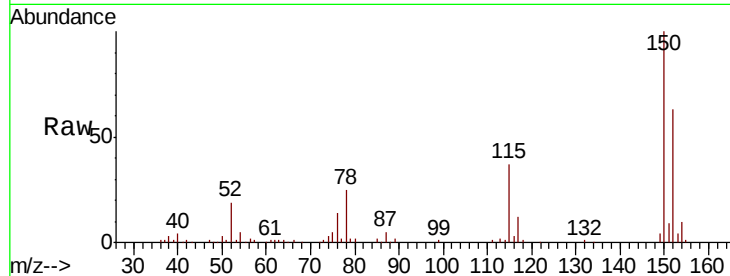




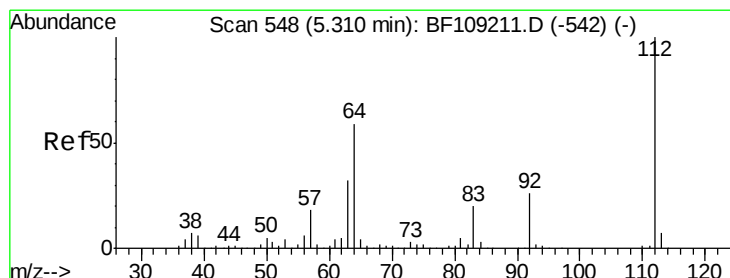
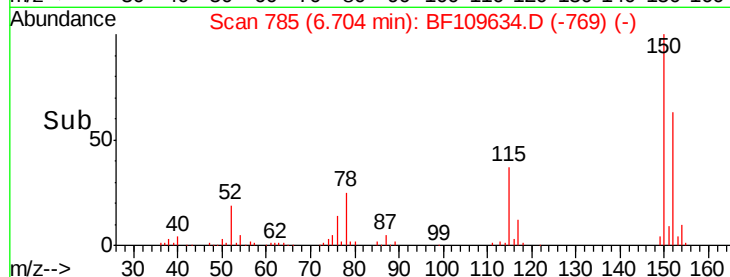
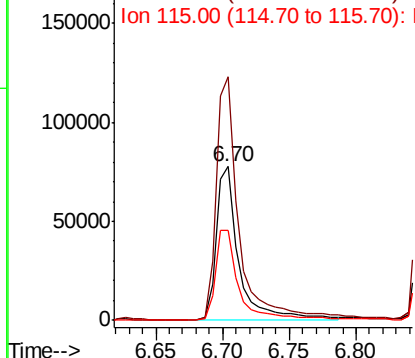
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109634.D
 Acq: 6 Oct 2018 3:09

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

Tgt Ion:152 Resp: 94158
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 58.8 50.1 75.1

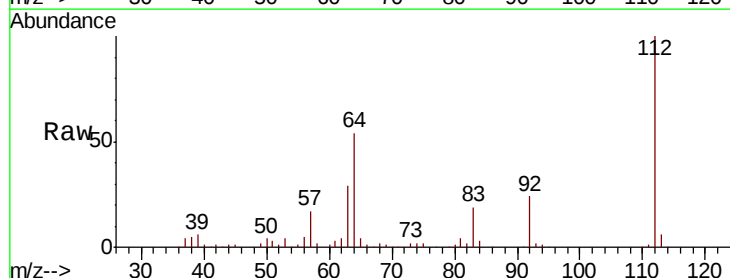


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

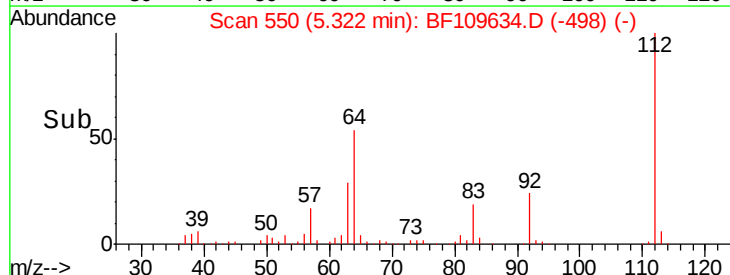
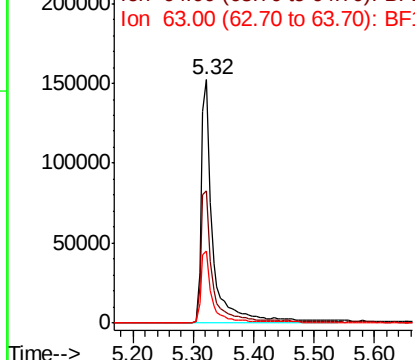


#5
 2-Fluorophenol
 Concen: 36.603 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109634.D
 Acq: 6 Oct 2018 3:09

Tgt Ion:112 Resp: 209249
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.9 71.9
 63 29.4 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: 22.412 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109634.D

Acq: 6 Oct 2018 3:09

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-M

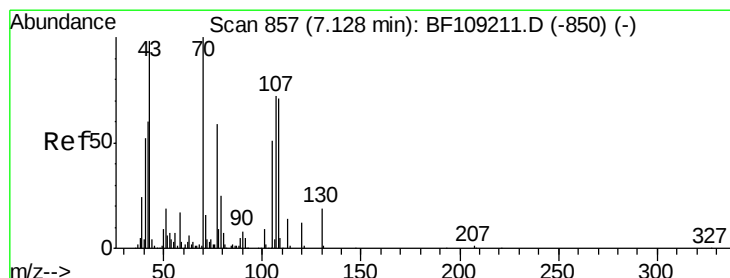
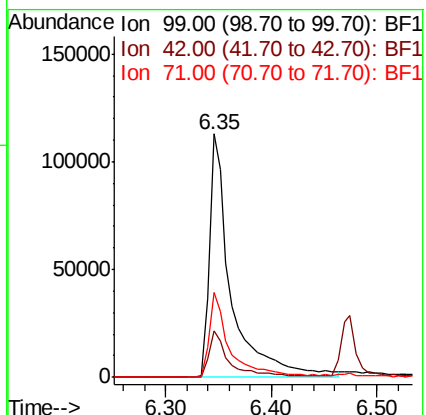
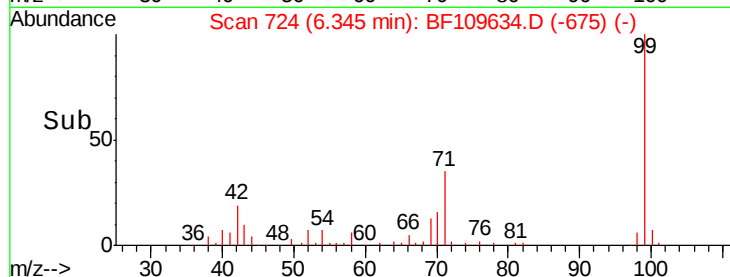
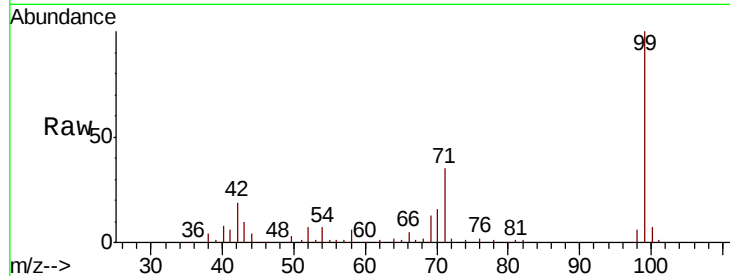
Tgt Ion: 99 Resp: 163490

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 35.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.015 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109634.D

Acq: 6 Oct 2018 3:09

Tgt Ion: 70 Resp: 81329

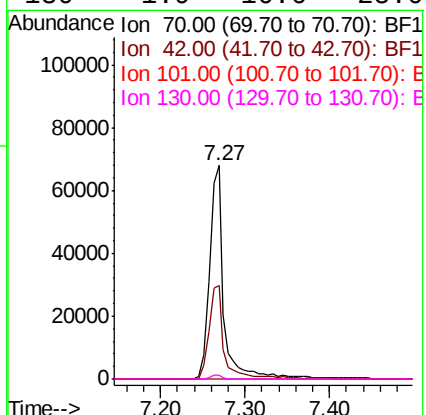
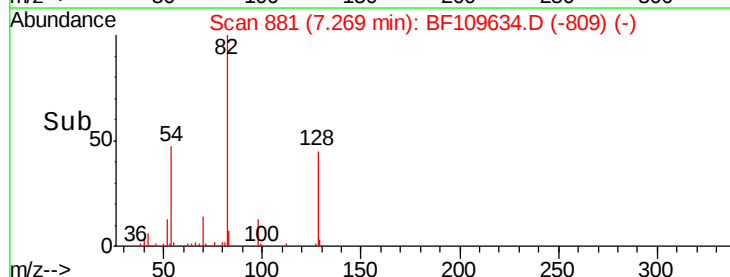
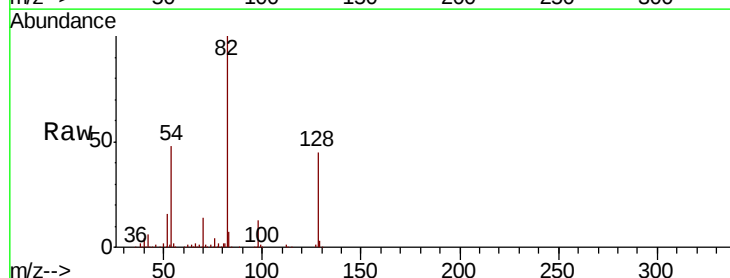
Ion Ratio Lower Upper

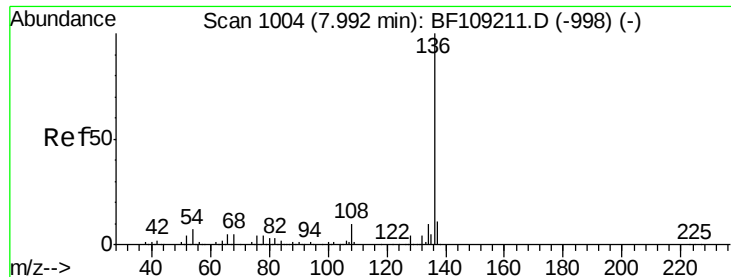
70 100

42 44.0 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: BF109634.D

Acq: 6 Oct 2018 3:09

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-M

Tgt Ion: 136 Resp: 351088

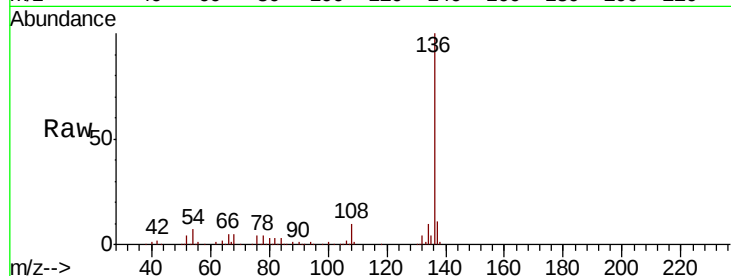
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 5.2 5.0 7.4

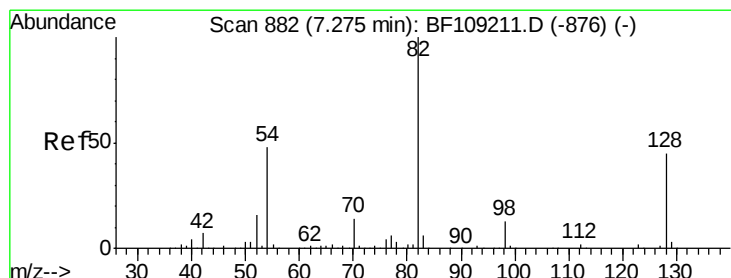
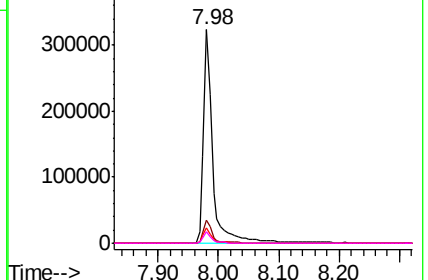
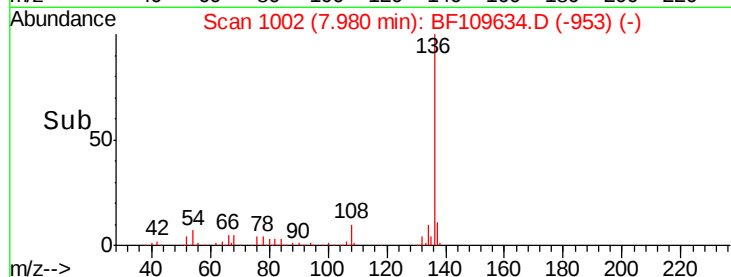


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 99.629 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109634.D

Acq: 6 Oct 2018 3:09

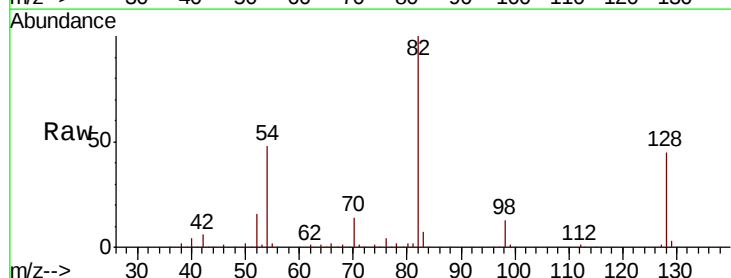
Tgt Ion: 82 Resp: 592540

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

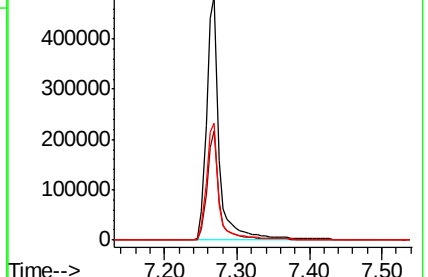
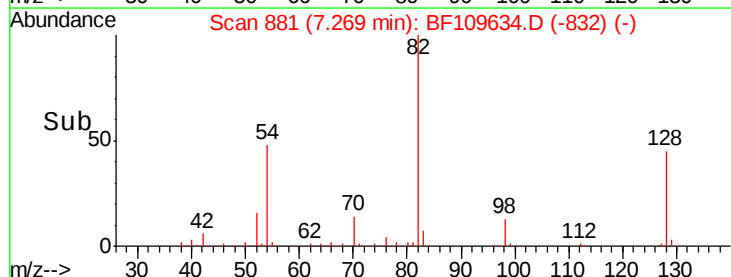
54 48.0 41.4 62.2

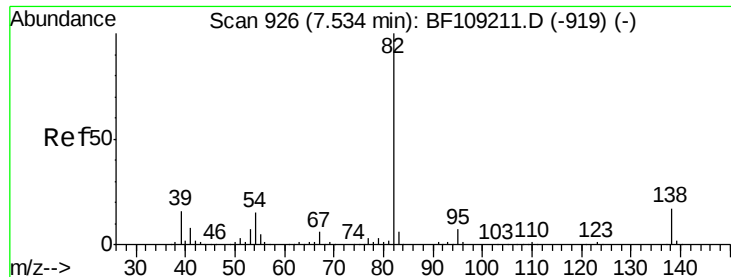


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

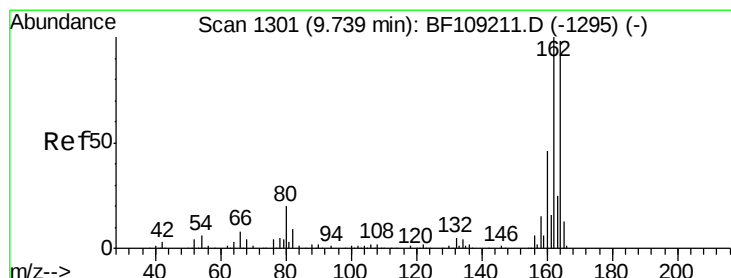
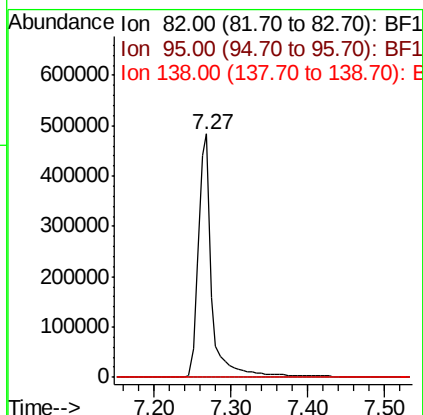
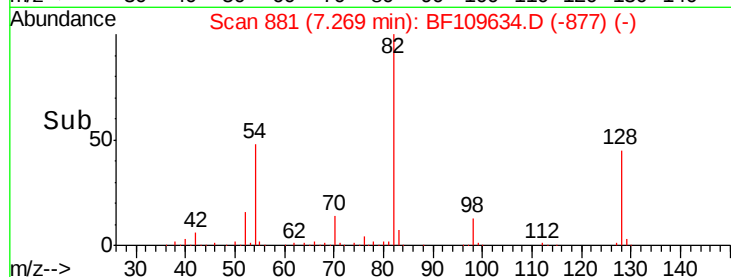
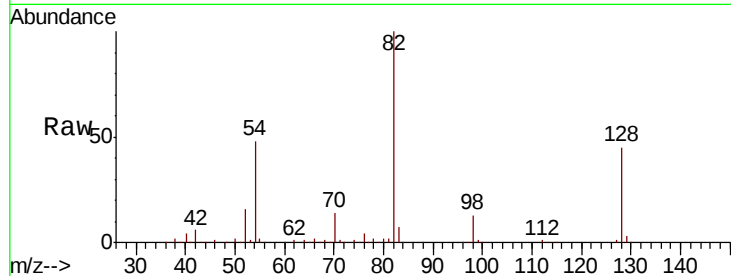




#25
Isophorone
Concen: 53.499 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109634.D
Acq: 6 Oct 2018 3:09

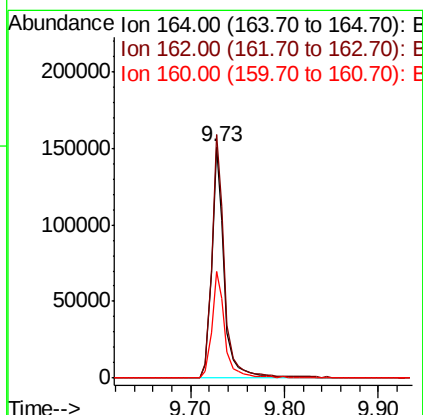
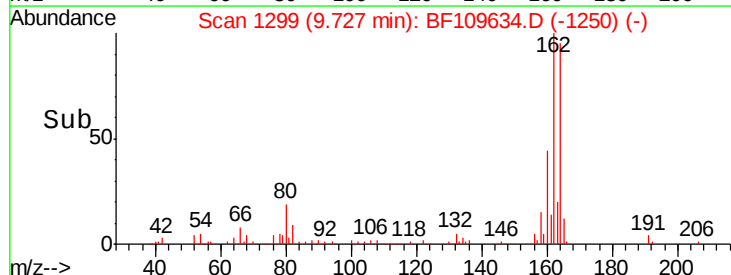
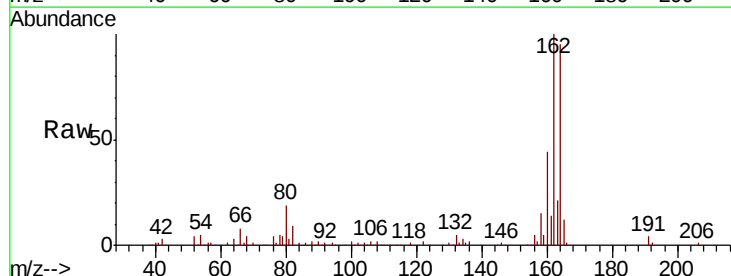
Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-M

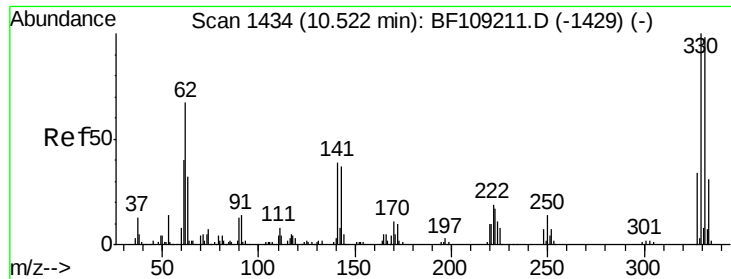
Tgt Ion: 82 Resp: 572969
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109634.D
Acq: 6 Oct 2018 3:09

Tgt Ion: 164 Resp: 143787
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 46.1 38.3 57.5

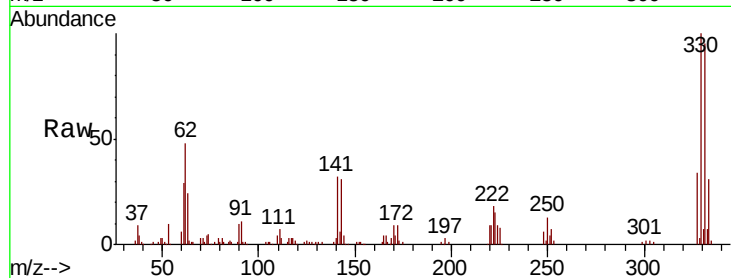




#41
 2,4,6-Tribromophenol
 Concen: 85.750 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109634.D
 Acq: 6 Oct 2018 3:09

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.7	29.9	44.9

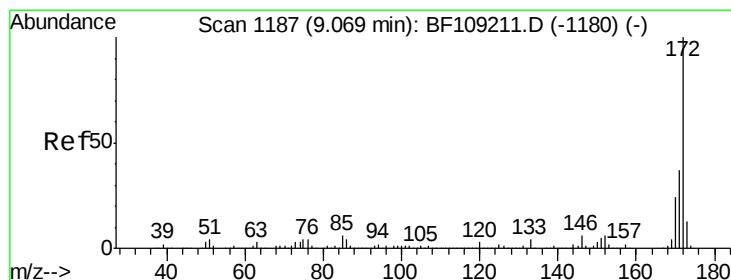
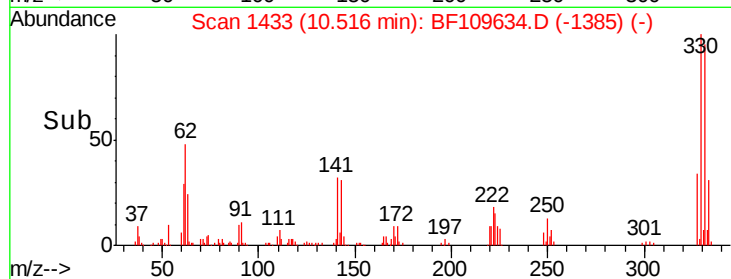
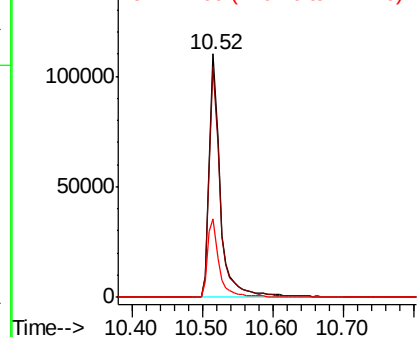


Abundance

Ion 329.80 (329.50 to 330.50): E

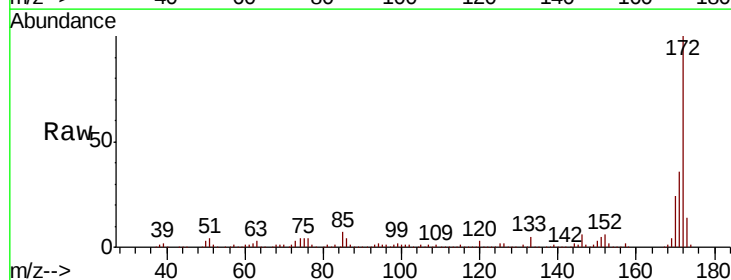
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.765 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109634.D
 Acq: 6 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

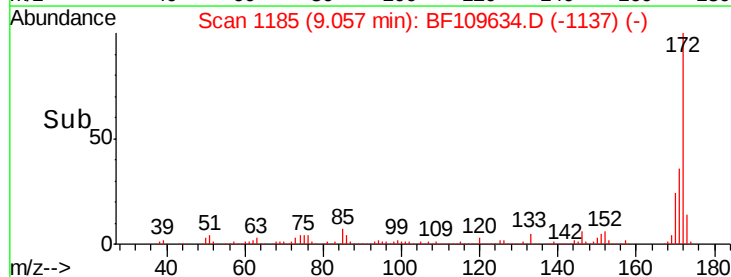
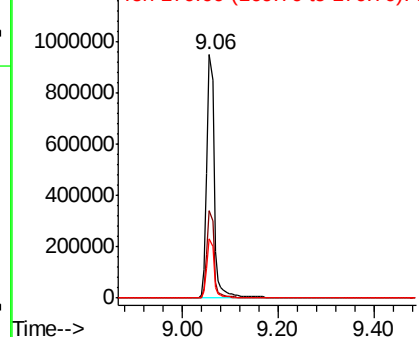


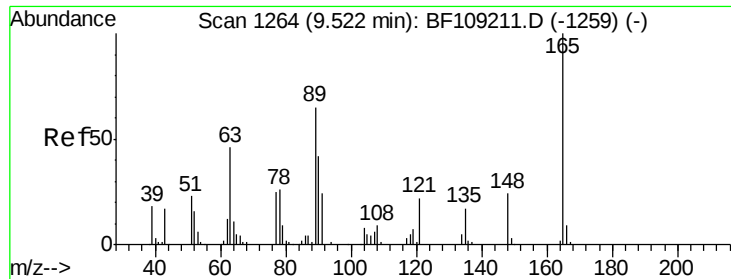
Abundance

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

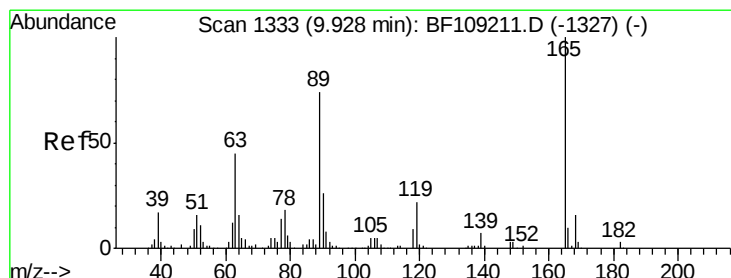
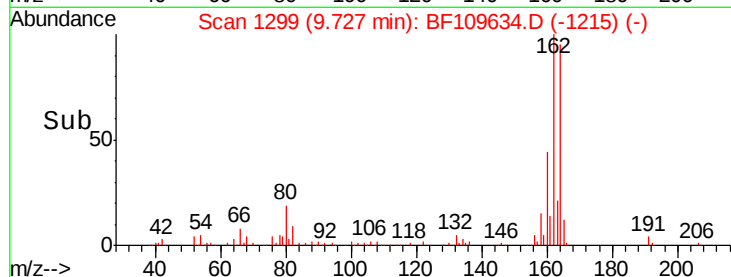
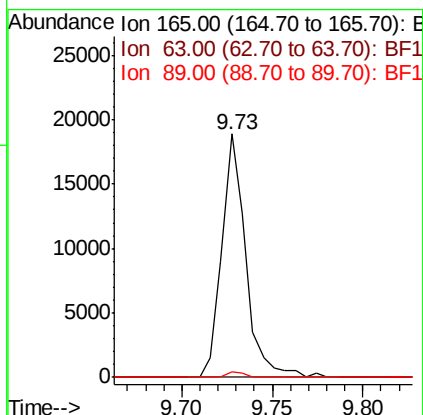
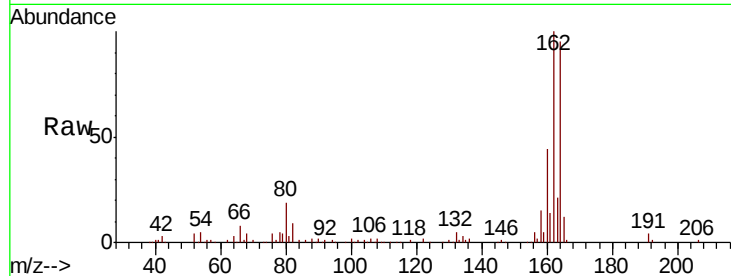




#50
 2,6-Dinitrotoluene
 Concen: 8.385 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109634.D
 Acq: 6 Oct 2018 3:09

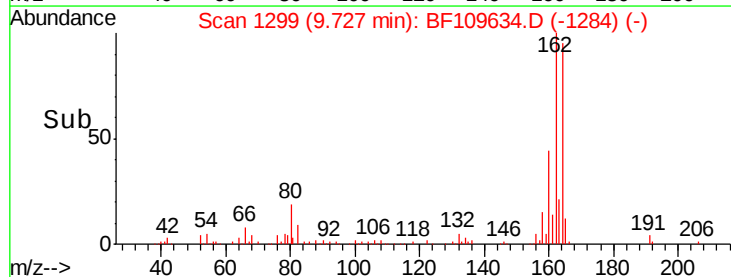
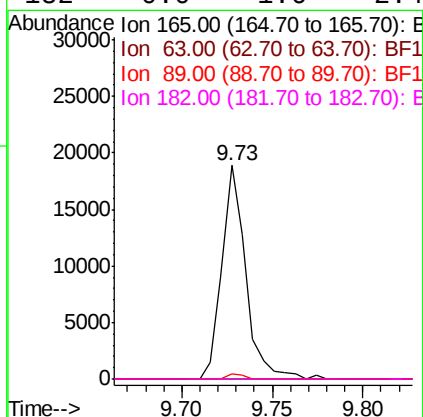
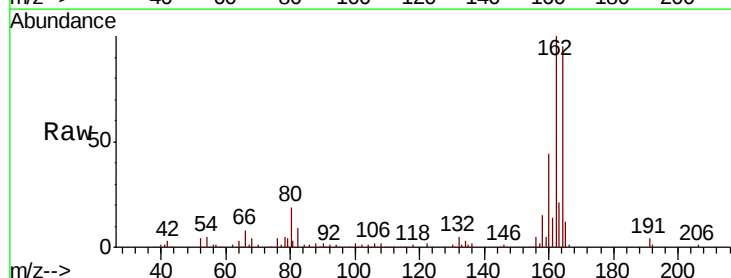
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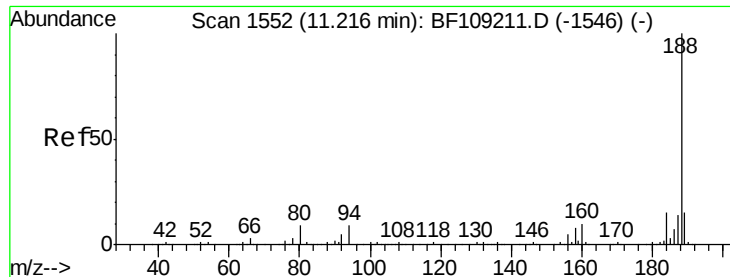
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.627 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109634.D
 Acq: 6 Oct 2018 3:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.5	57.8	86.6#
182	0.0	1.6	2.4#

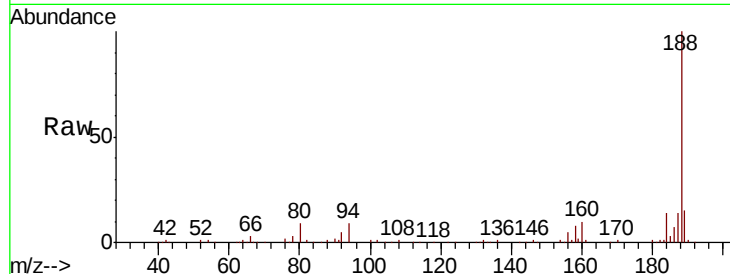




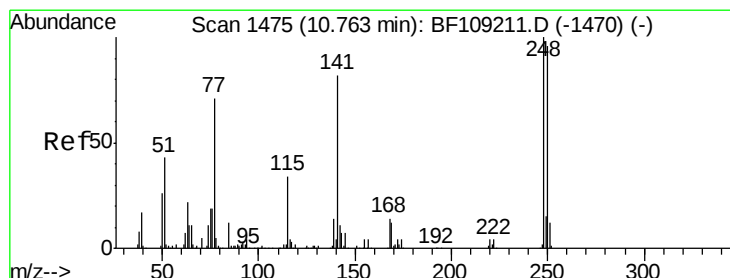
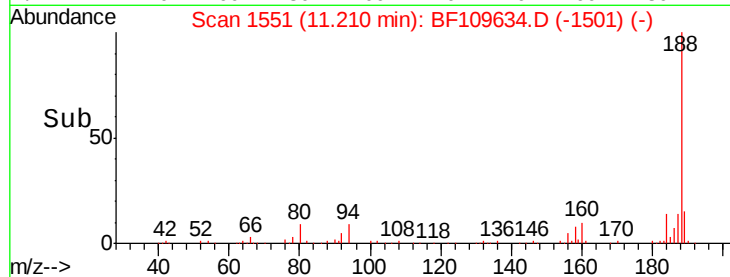
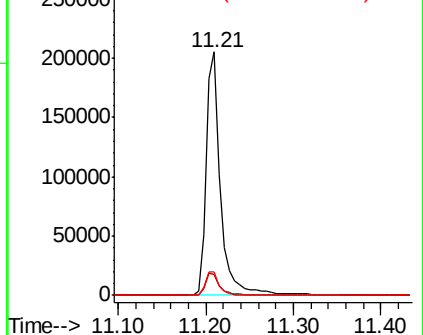
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109634.D
Acq: 6 Oct 2018 3:09

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

Tgt Ion:188 Resp: 234900
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.5 9.2 13.8

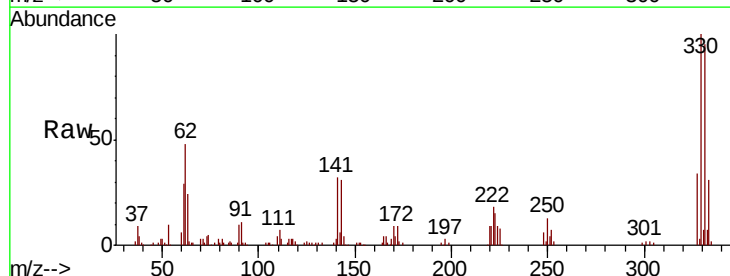


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

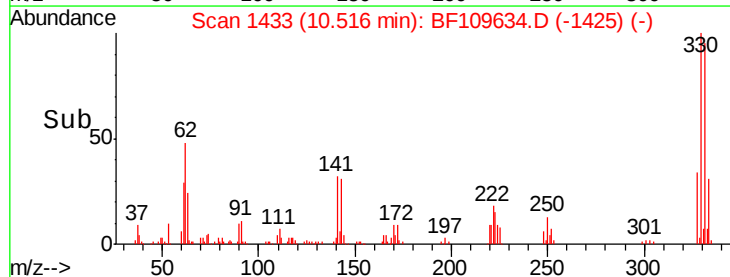
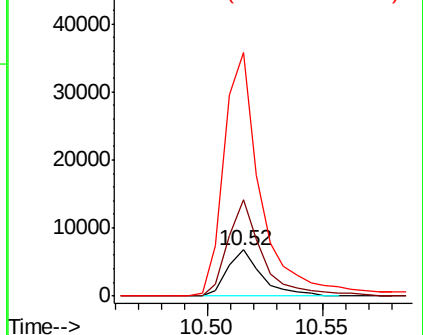


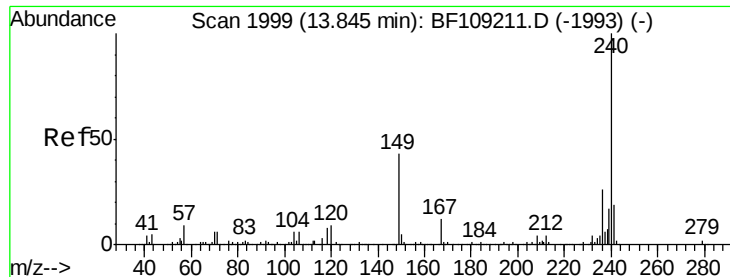
#66
4-Bromophenyl-phenylether
Concen: 2.677 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109634.D
Acq: 6 Oct 2018 3:09

Tgt Ion:248 Resp: 6982
Ion Ratio Lower Upper
248 100
250 209.5 76.9 115.3#
141 525.8 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: BF109634.D

Acq: 6 Oct 2018 3:09

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-M

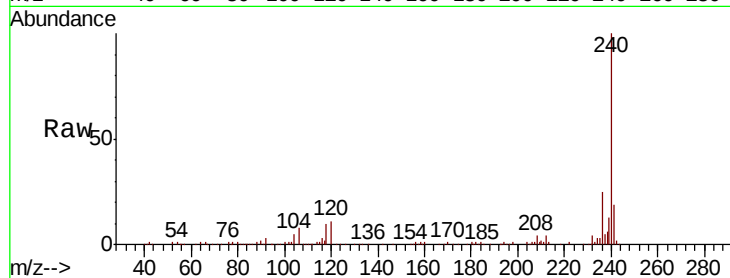
Tgt Ion:240 Resp: 231984

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

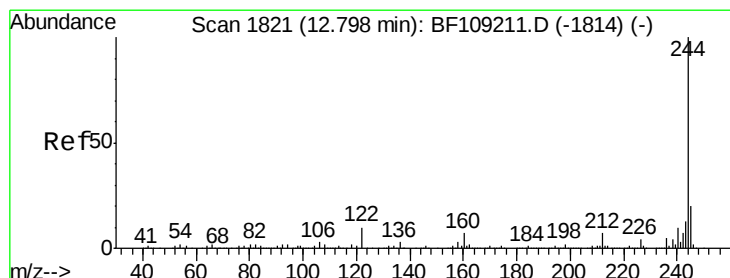
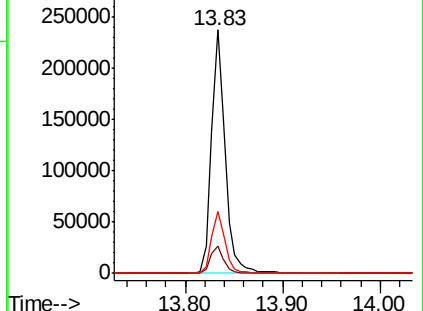
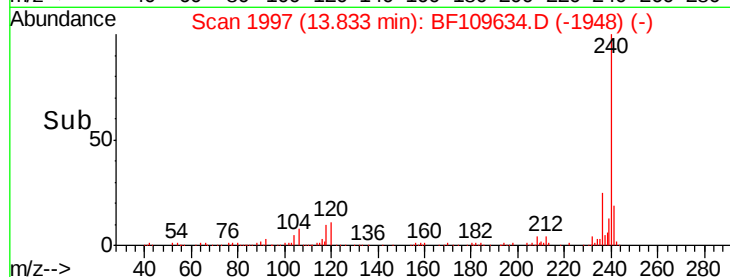
236 25.3 20.7 31.1



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: 83.349 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109634.D

Acq: 6 Oct 2018 3:09

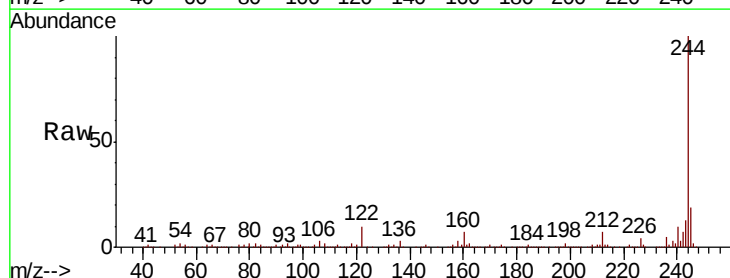
Tgt Ion:244 Resp: 787871

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

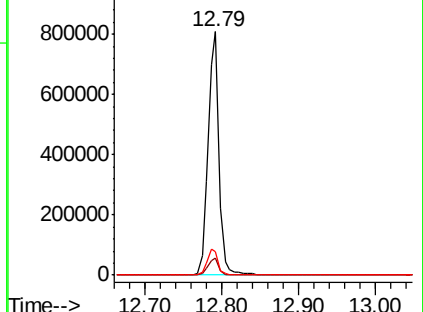
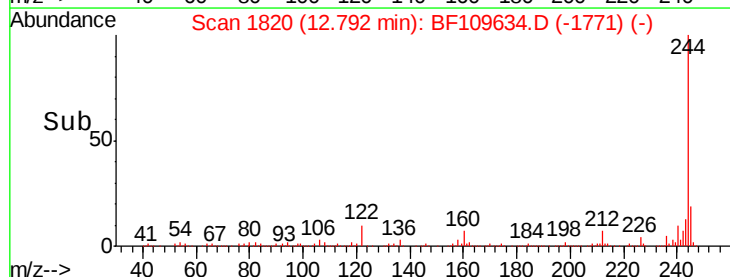
122 9.6 11.0 16.4#

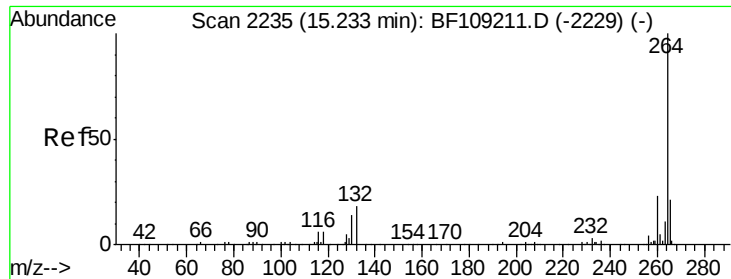


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109634.D
Acq: 6 Oct 2018 3:09

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

