

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109638.D
 Acq On : 6 Oct 2018 5:01
 Operator : JU/SJ
 Sample : J5264-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Oct 06 06:00:24 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

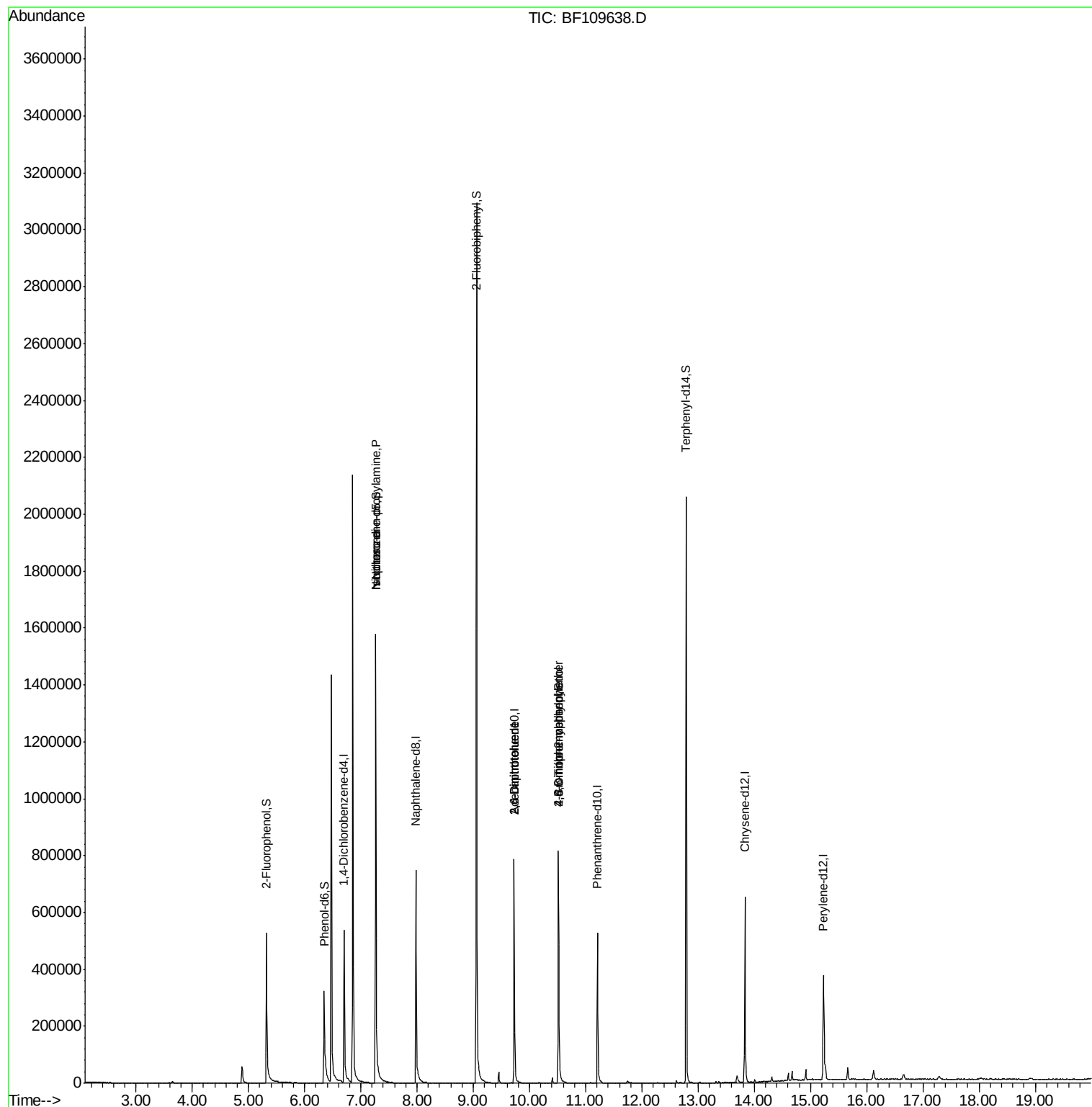
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104686	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	400203	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	165427	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	259073	20.00	ng	0.00
75) Chrysene-d12	13.83	240	243367	20.00	ng	-0.01
86) Perylene-d12	15.23	264	192918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	220161	34.64	ng	0.00
7) Phenol-d6	6.35	99	167807	20.69	ng	-0.01
23) Nitrobenzene-d5	7.27	82	643926	94.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	124871	76.57	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1110538	101.25	ng	-0.02
78) Terphenyl-d14	12.79	244	781834	78.84	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	87456	16.457	ng	# 77
25) Isophorone	7.27	82	626977	51.358	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	20770	8.716	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	20770	6.889	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	118	6.618	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7291	2.534	ng	# 1

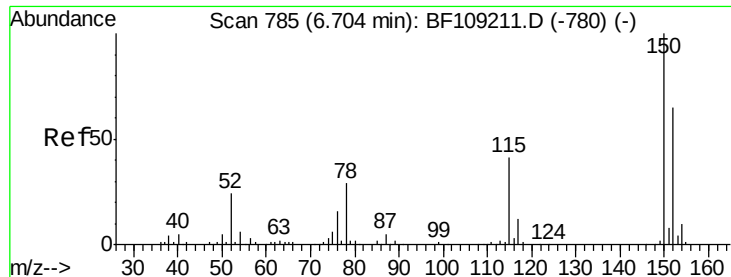
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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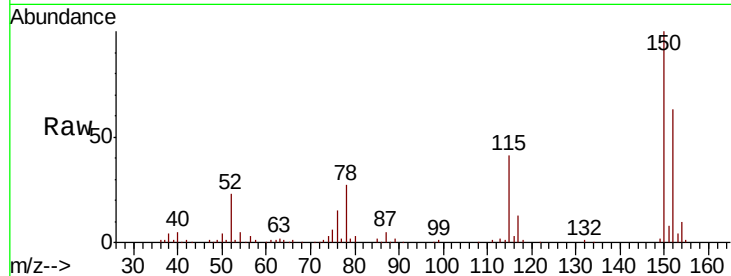


#1

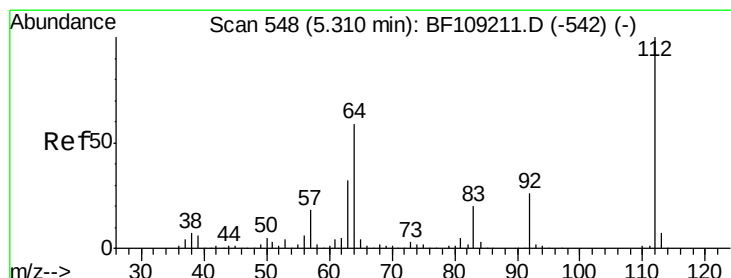
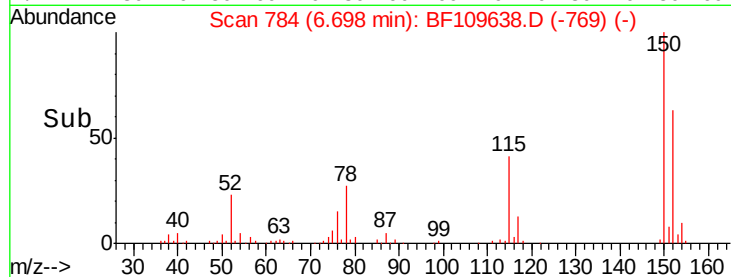
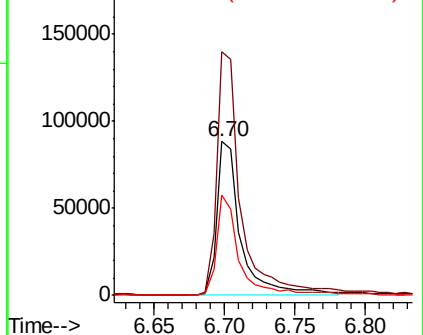
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF109638.D
 Acq: 6 Oct 2018 5:01

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

Tgt Ion:152 Resp: 104686
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 64.7 50.1 75.1



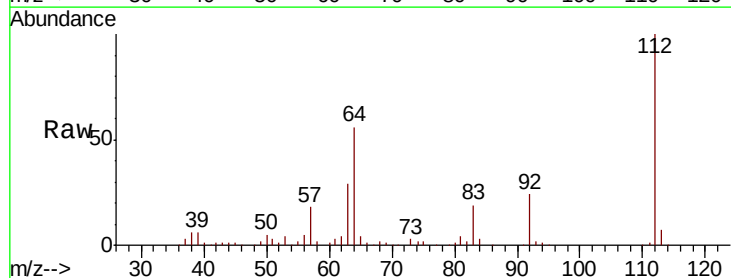
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



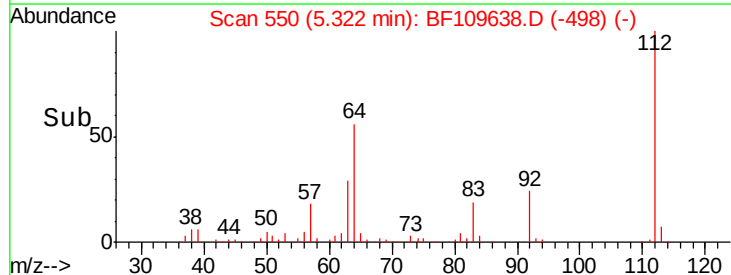
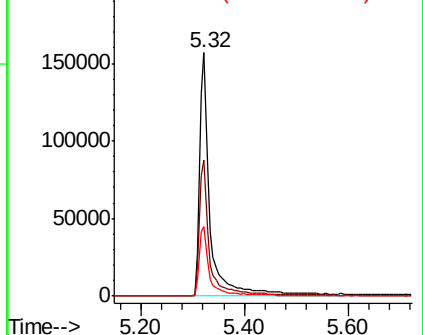
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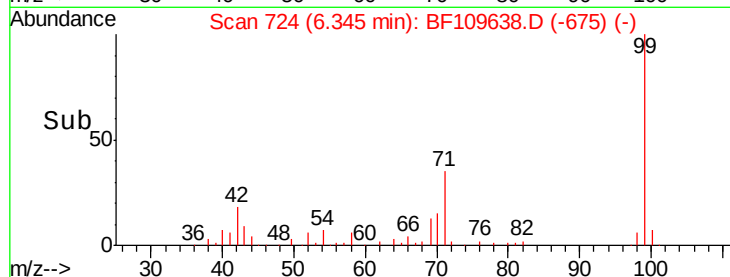
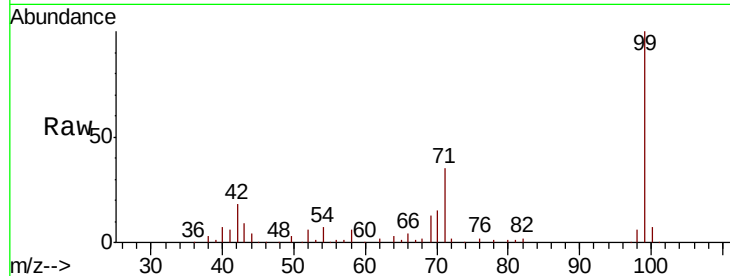
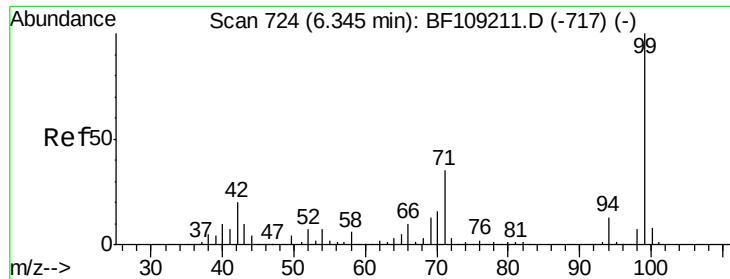
2-Fluorophenol
 Concen: 34.639 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109638.D
 Acq: 6 Oct 2018 5:01

Tgt Ion:112 Resp: 220161
 Ion Ratio Lower Upper
 112 100
 64 55.8 47.9 71.9
 63 28.6 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: 20.691 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109638.D

Acq: 6 Oct 2018 5:01

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-S

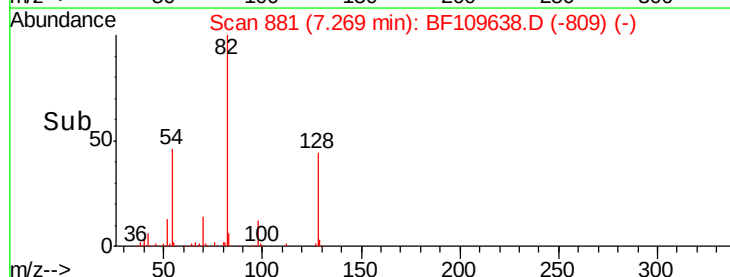
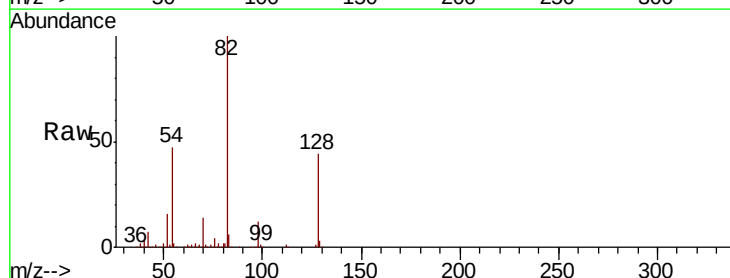
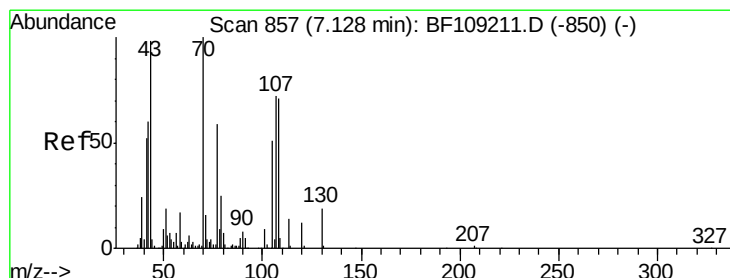
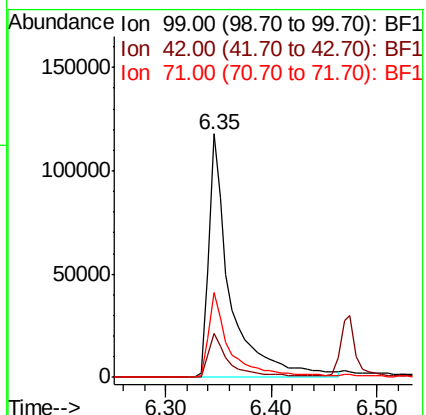
Tgt Ion: 99 Resp: 167807

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 34.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.457 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109638.D

Acq: 6 Oct 2018 5:01

Tgt Ion: 70 Resp: 87456

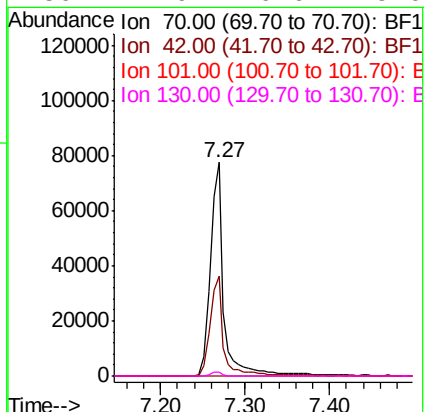
Ion Ratio Lower Upper

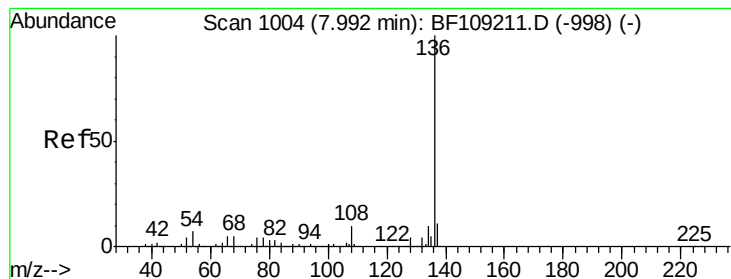
70 100

42 46.6 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

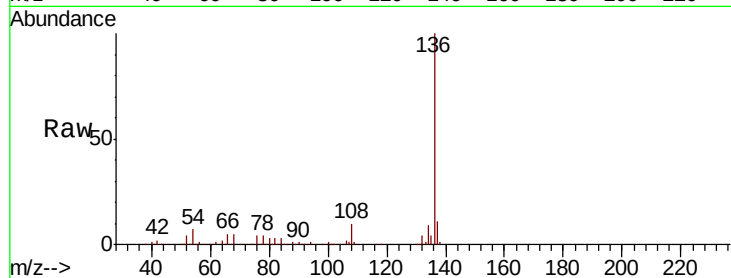




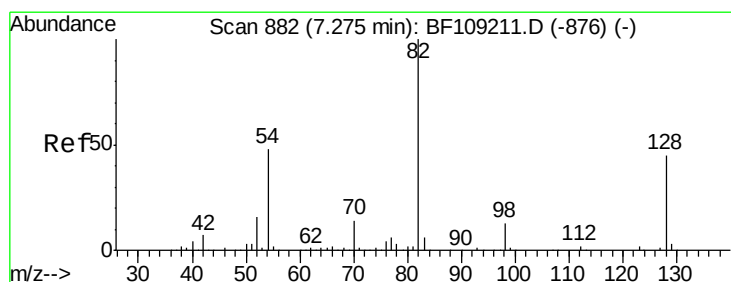
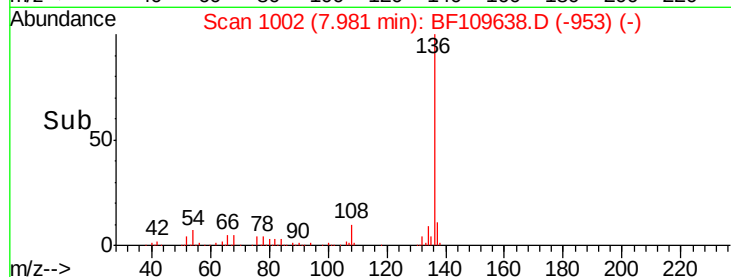
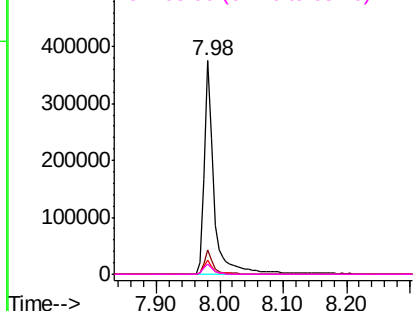
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109638.D
Acq: 6 Oct 2018 5:01

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

Tgt Ion:	136	Resp:	400203
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.8	6.6	9.8
68	5.1	5.0	7.4

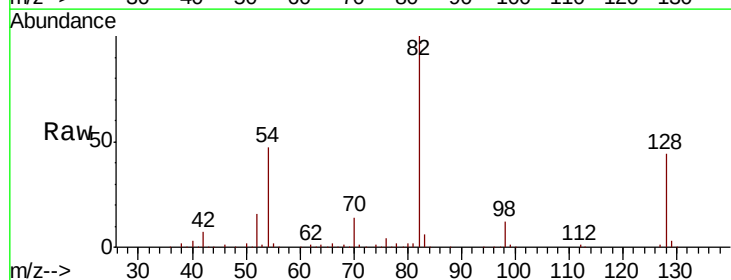


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

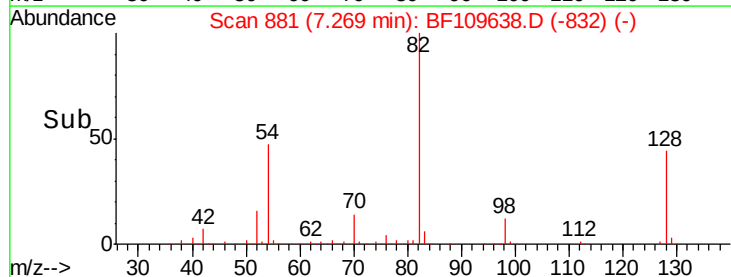
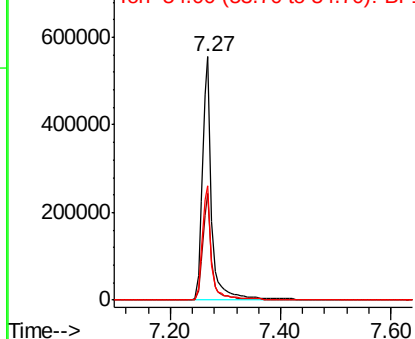


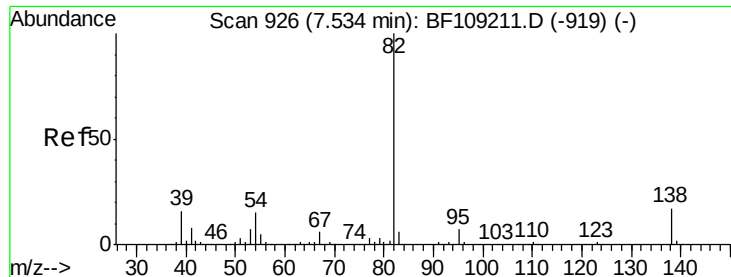
#23
Nitrobenzene-d5
Concen: 94.982 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109638.D
Acq: 6 Oct 2018 5:01

Tgt Ion:	82	Resp:	643926
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	47.1	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: 51.358 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109638.D

Acq: 6 Oct 2018 5:01

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-S

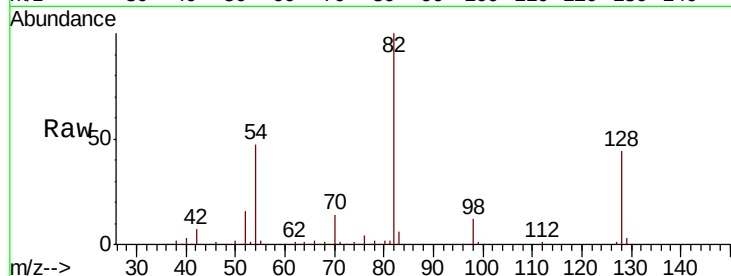
Tgt Ion: 82 Resp: 626977

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

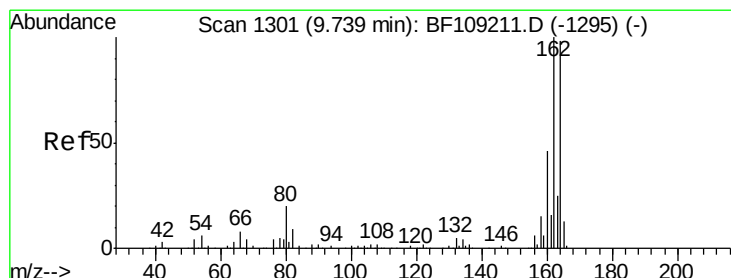
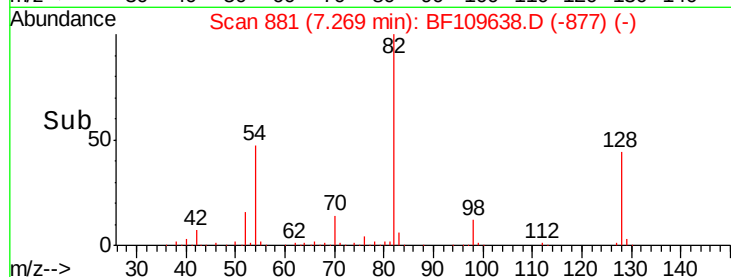
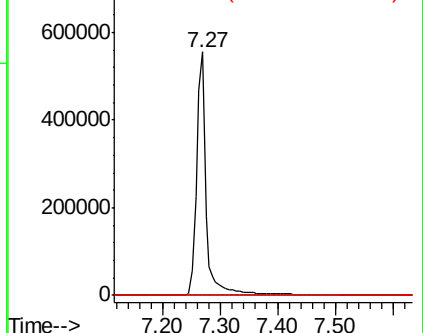
138 0.0 14.9 22.3#



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: BF109638.D

Acq: 6 Oct 2018 5:01

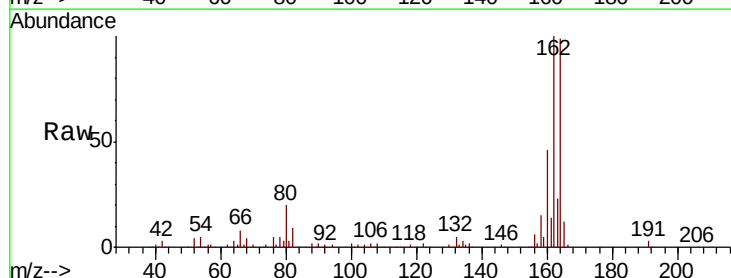
Tgt Ion: 164 Resp: 165427

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

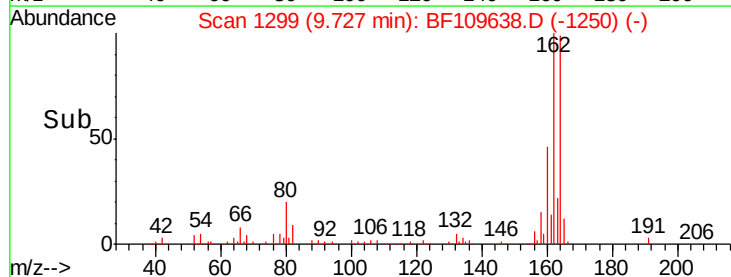
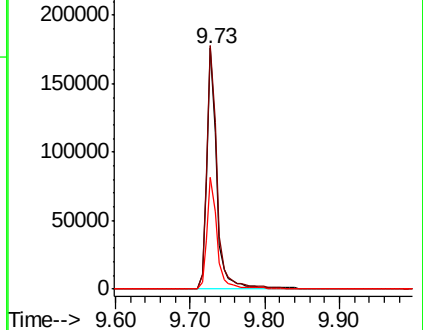
160 46.2 38.3 57.5

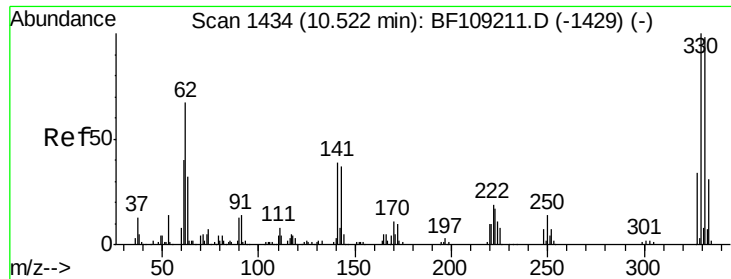


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

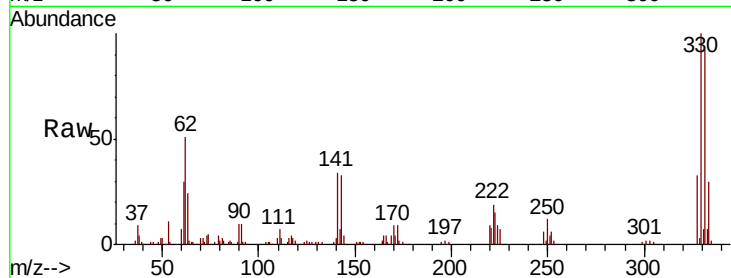




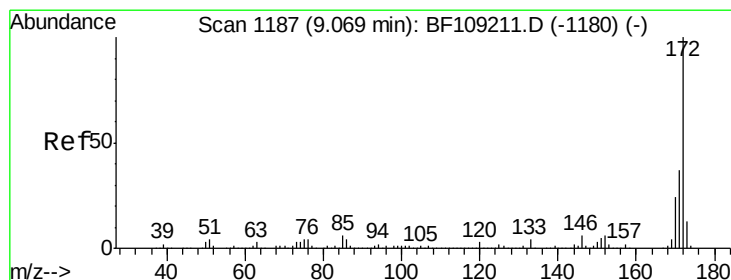
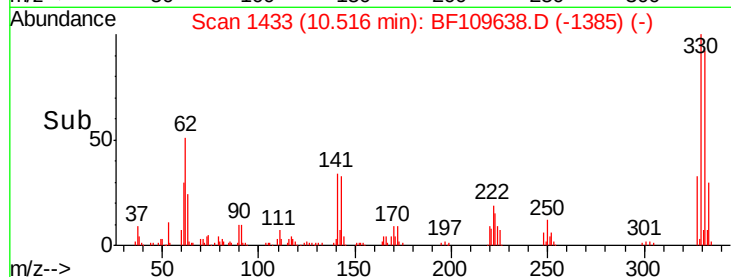
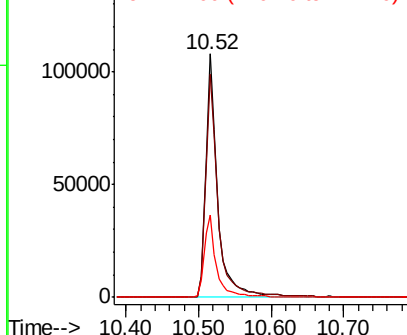
#41
 2,4,6-Tribromophenol
 Concen: 76.572 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109638.D
 Acq: 6 Oct 2018 5:01

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

Tgt Ion:330 Resp: 124871
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 34.0 29.9 44.9

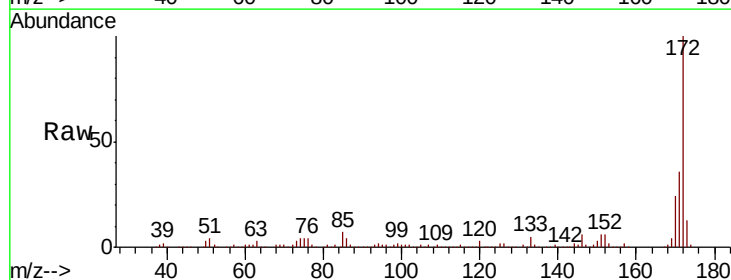


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

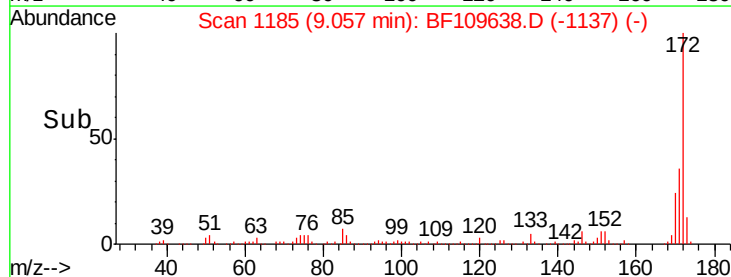
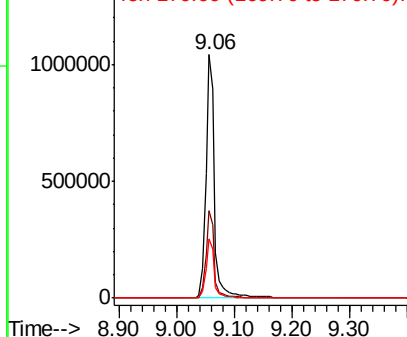


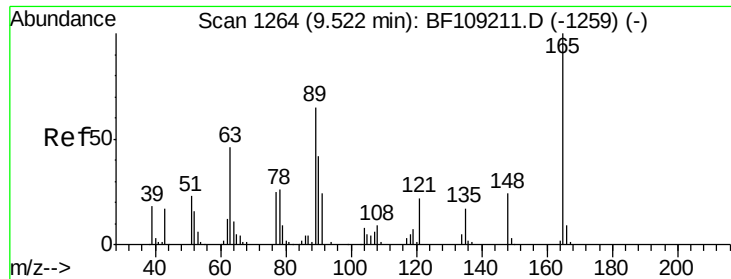
#44
 2-Fluorobiphenyl
 Concen: 101.247 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109638.D
 Acq: 6 Oct 2018 5:01

Tgt Ion:172 Resp: 1110538
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 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

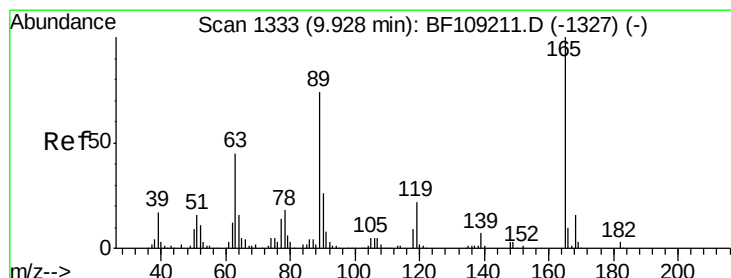
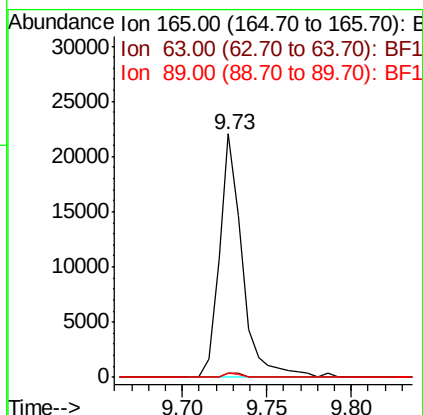
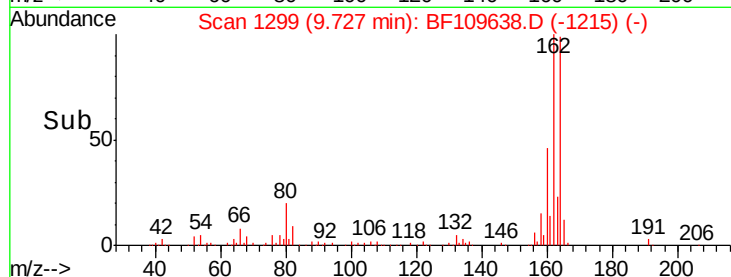
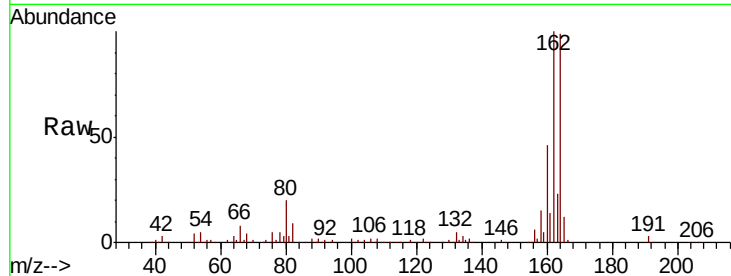




#50
2,6-Dinitrotoluene
Concen: 8.716 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109638.D
Acq: 6 Oct 2018 5:01

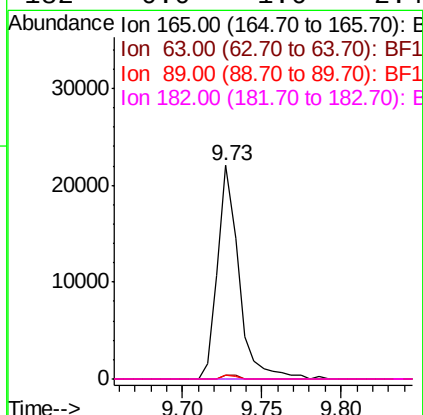
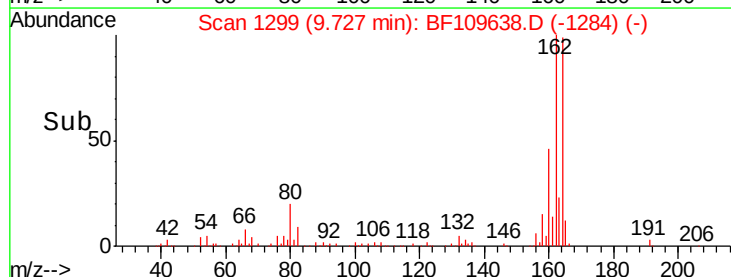
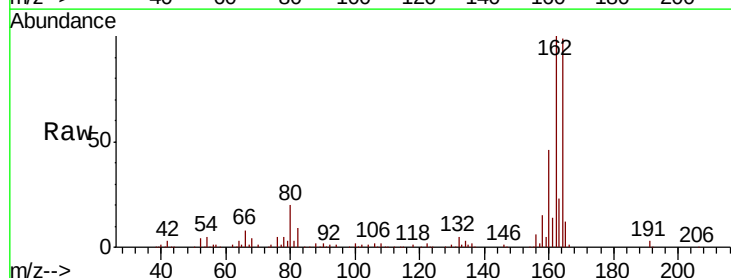
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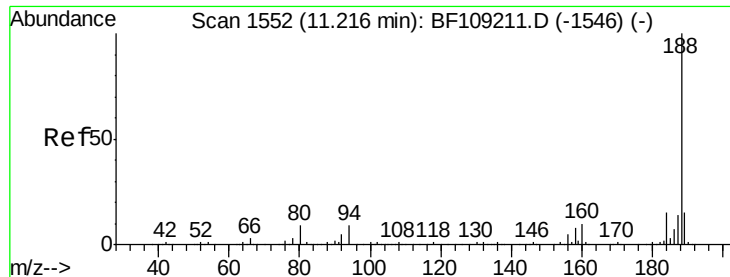
Tgt Ion:165 Resp: 20770
Ion Ratio Lower Upper
165 100
63 1.6 44.7 67.1#
89 1.8 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.889 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109638.D
Acq: 6 Oct 2018 5:01

Tgt Ion:165 Resp: 20770
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.8 57.8 86.6#
182 0.0 1.6 2.4#

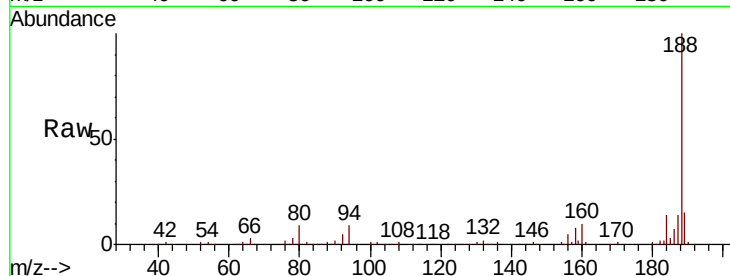




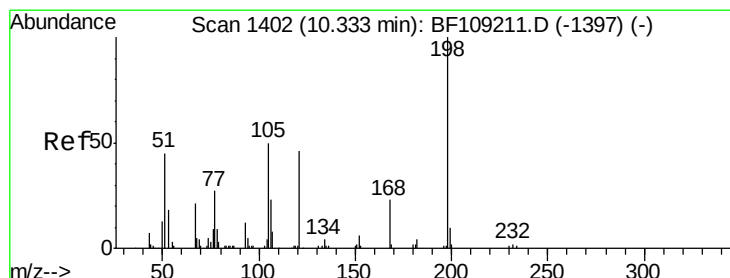
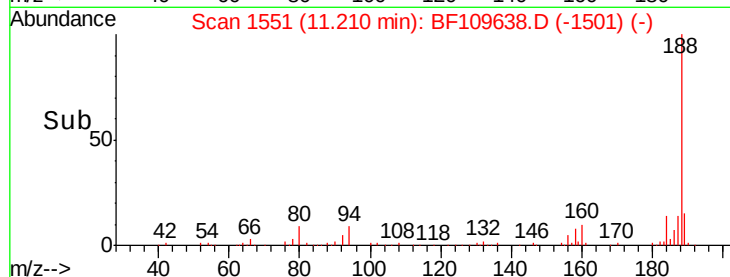
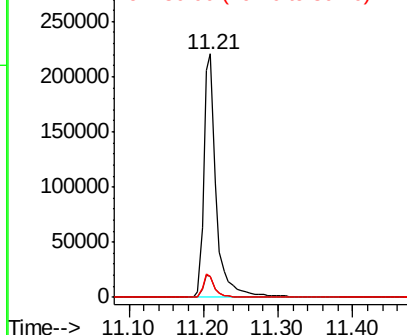
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109638.D
 Acq: 6 Oct 2018 5:01

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

Tgt Ion:188 Resp: 259073
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 8.7 9.2 13.8#

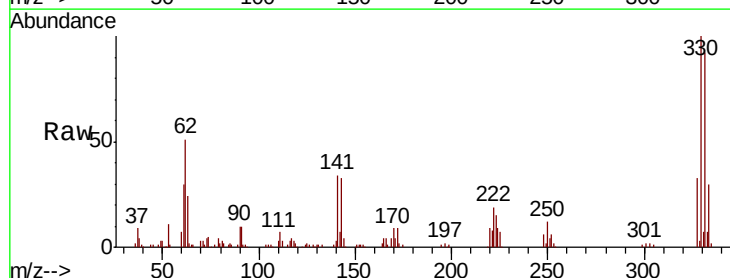


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

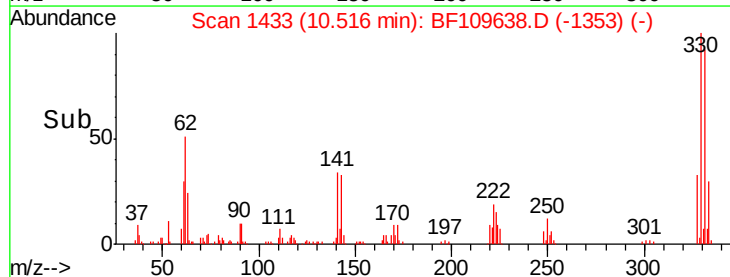
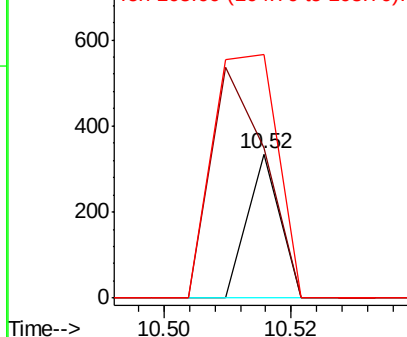


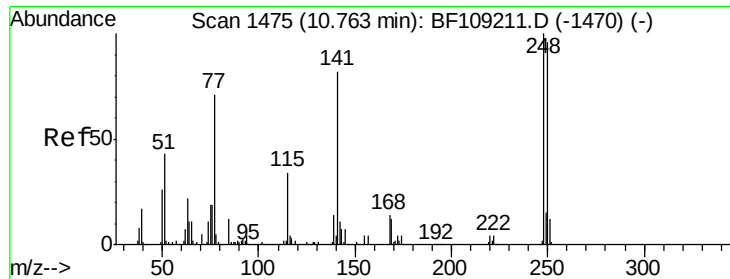
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.618 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109638.D
 Acq: 6 Oct 2018 5:01

Tgt Ion:198 Resp: 118
 Ion Ratio Lower Upper
 198 100
 51 104.5 37.7 77.7#
 105 169.5 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

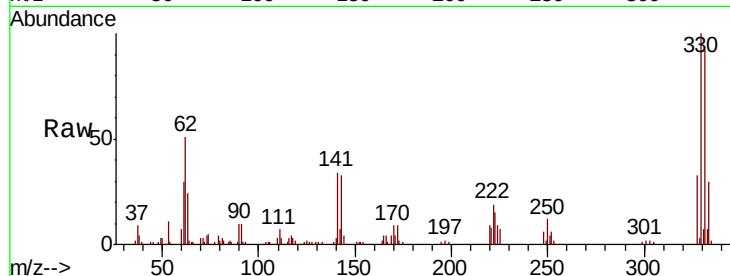




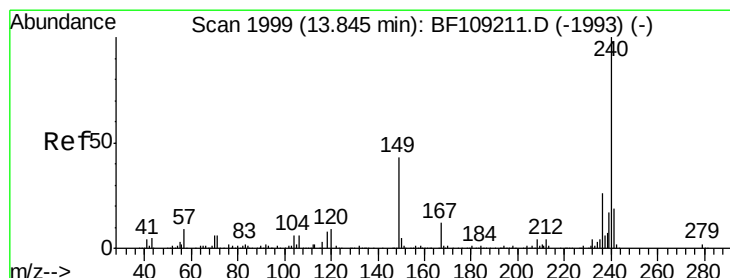
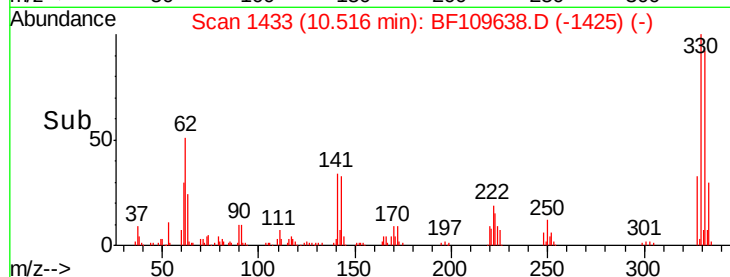
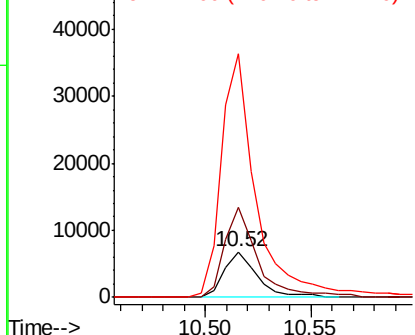
#66
4-Bromophenyl-phenylether
Concen: 2.534 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109638.D
Acq: 6 Oct 2018 5:01

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

Tgt Ion:248 Resp: 7291
Ion Ratio Lower Upper
248 100
250 199.3 76.9 115.3#
141 538.0 74.4 111.6#

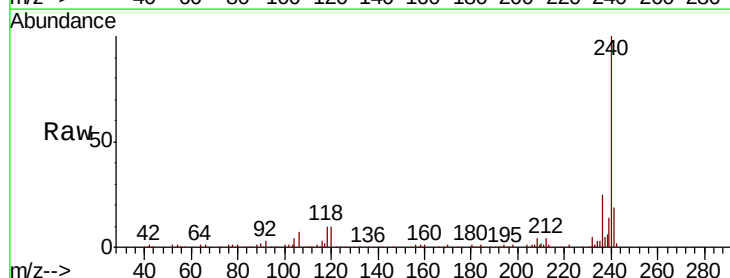


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

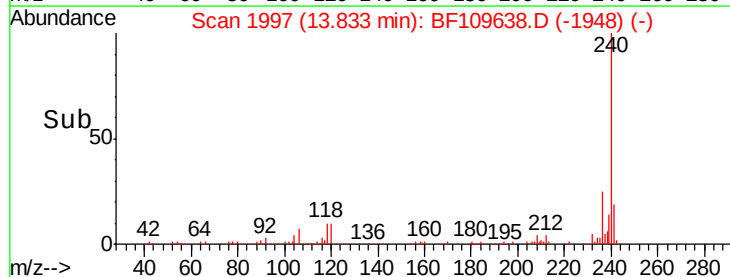
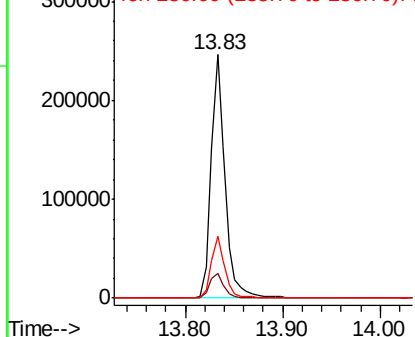


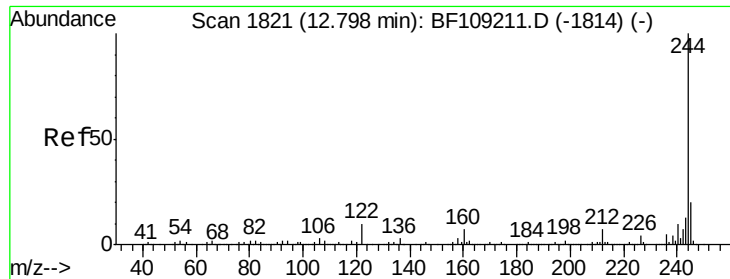
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109638.D
Acq: 6 Oct 2018 5:01

Tgt Ion:240 Resp: 243367
Ion Ratio Lower Upper
240 100
120 10.2 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: 78.842 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109638.D

Acq: 6 Oct 2018 5:01

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-S

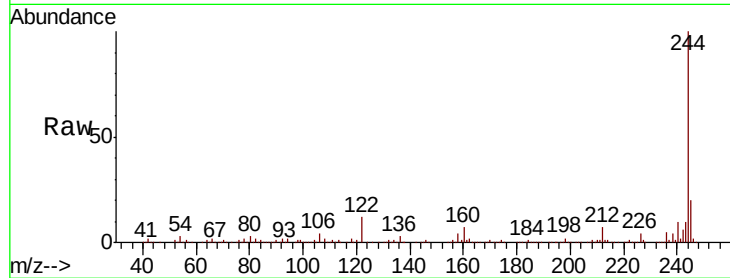
Tgt Ion:244 Resp: 781834

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

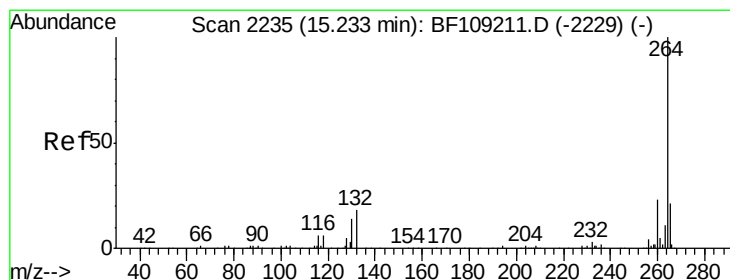
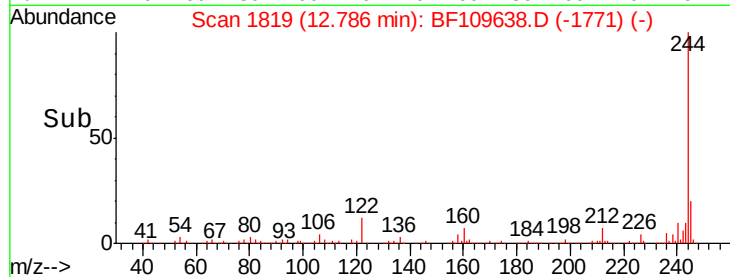
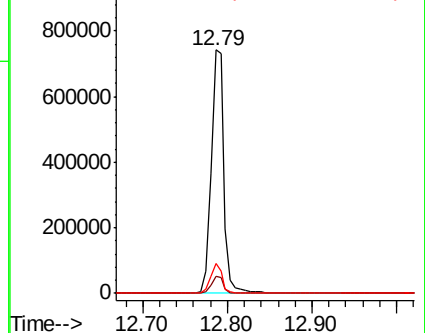
122 12.3 11.0 16.4



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: BF109638.D

Acq: 6 Oct 2018 5:01

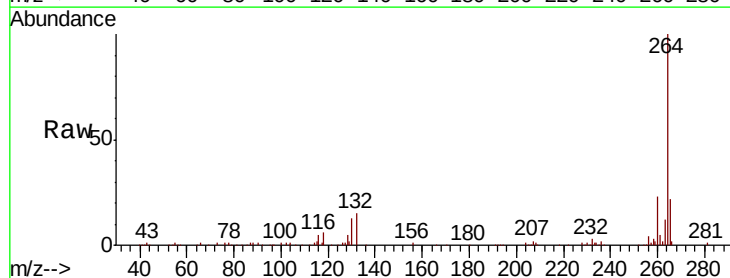
Tgt Ion:264 Resp: 192918

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.6 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

