

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109636.D
 Acq On : 6 Oct 2018 4:05
 Operator : JU/SJ
 Sample : J5264-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 06 06:00:06 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

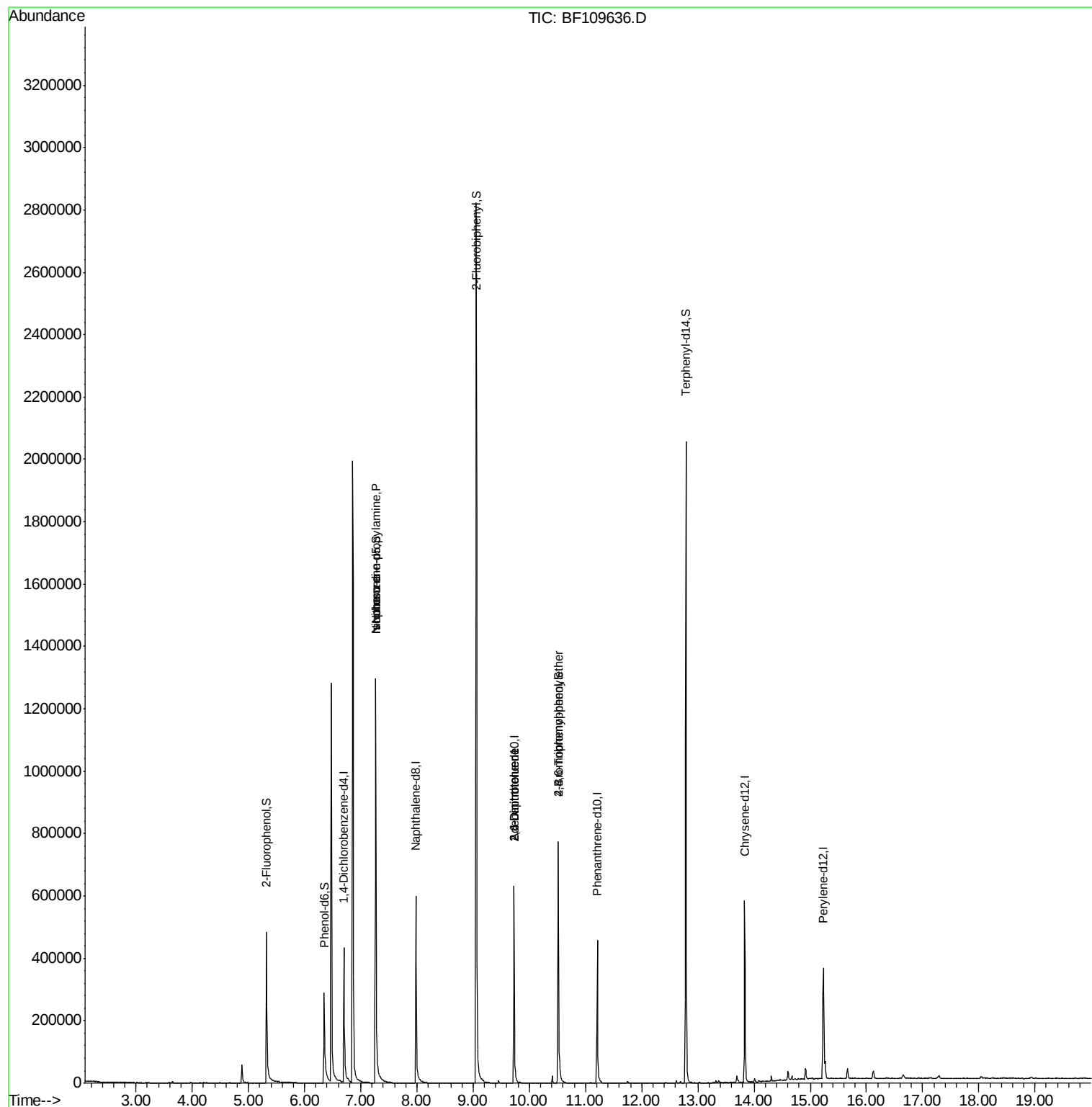
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	90459	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	334824	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	138010	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	229537	20.00	ng	0.00
75) Chrysene-d12	13.83	240	224929	20.00	ng	-0.01
86) Perylene-d12	15.23	264	183683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	192737	35.09	ng	0.00
7) Phenol-d6	6.35	99	153509	21.90	ng	-0.01
23) Nitrobenzene-d5	7.26	82	581427	102.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	117313	86.23	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	975197	106.57	ng	-0.02
78) Terphenyl-d14	12.79	244	767235	83.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	77331	16.840	ng	# 79
25) Isophorone	7.26	82	566044	55.420	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	16554	8.327	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	16554	6.581	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6812	2.673	ng	# 1

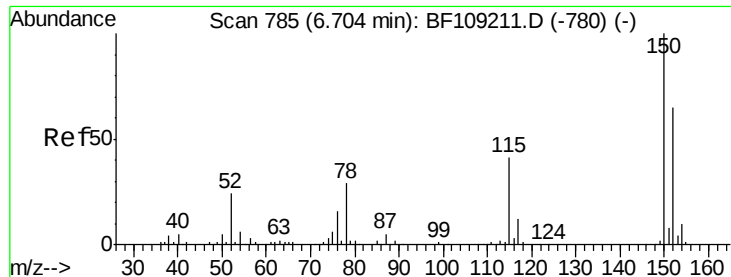
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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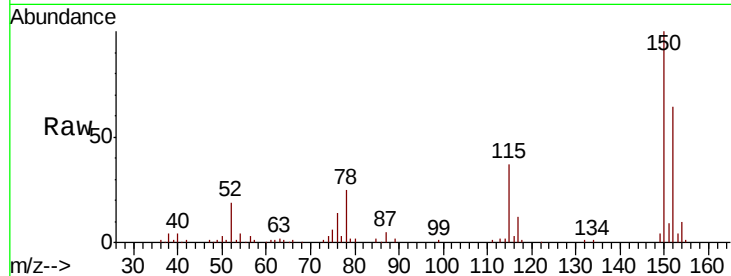




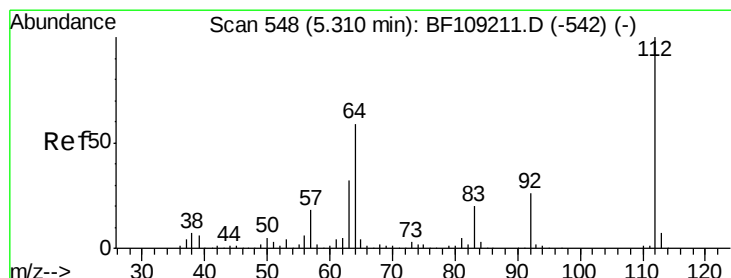
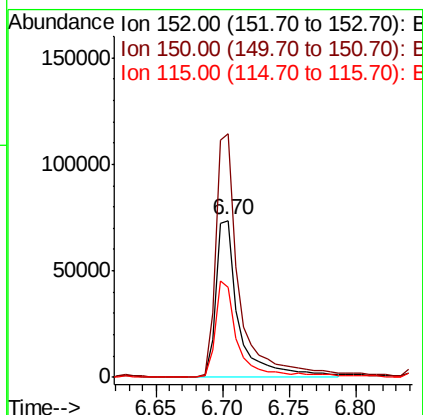
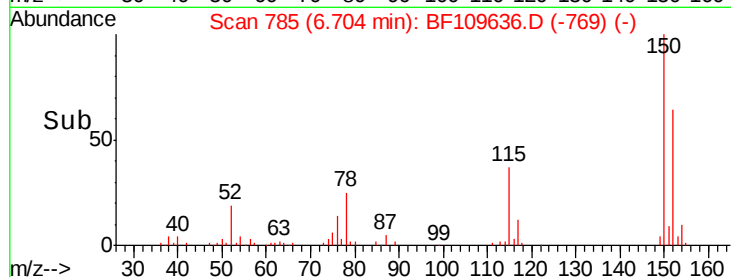
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

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

Tgt Ion:152 Resp: 90459
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 57.4 50.1 75.1

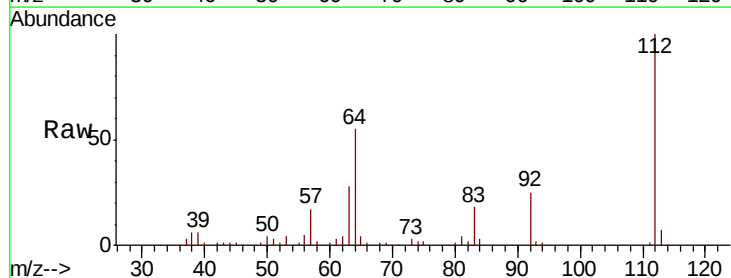


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

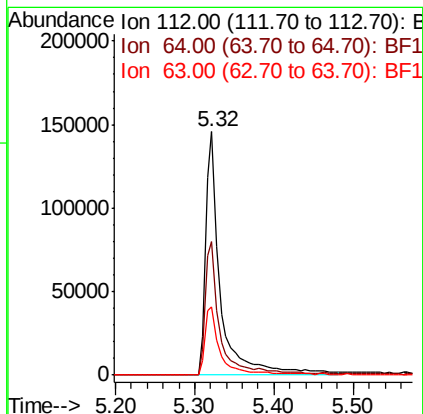
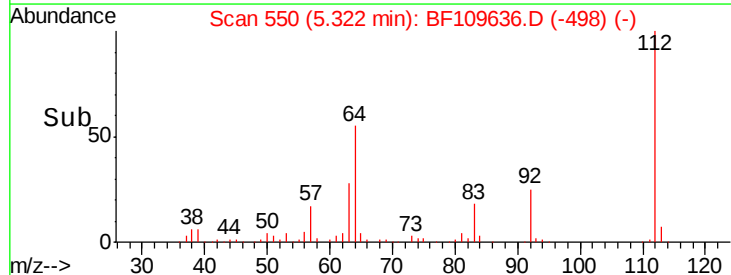


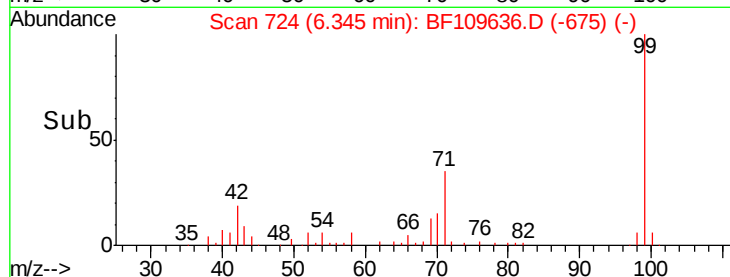
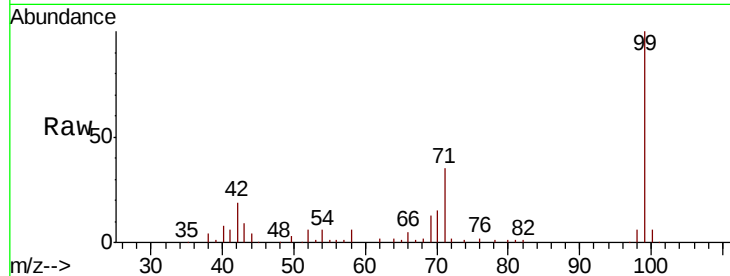
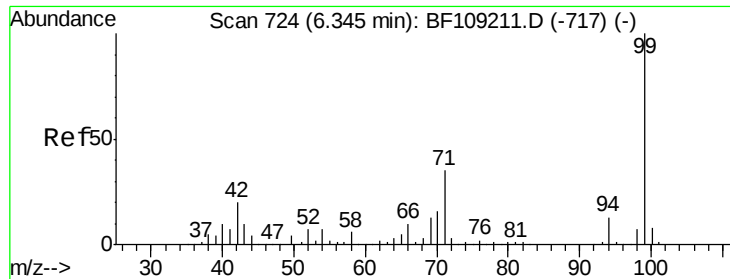
#5
 2-Fluorophenol
 Concen: 35.094 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

Tgt Ion:112 Resp: 192737
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.9 71.9
 63 27.8 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: 21.904 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-B

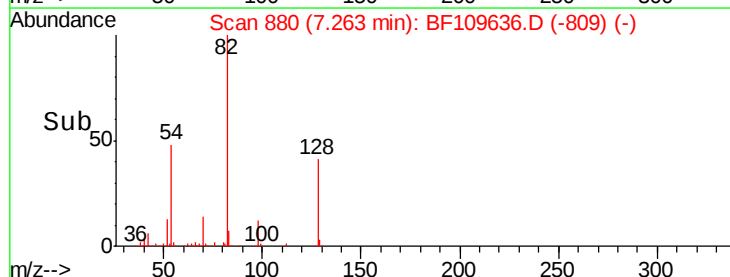
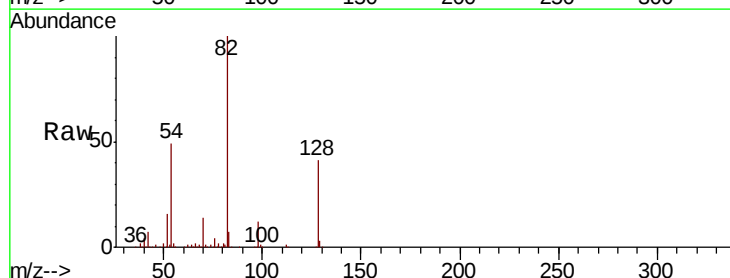
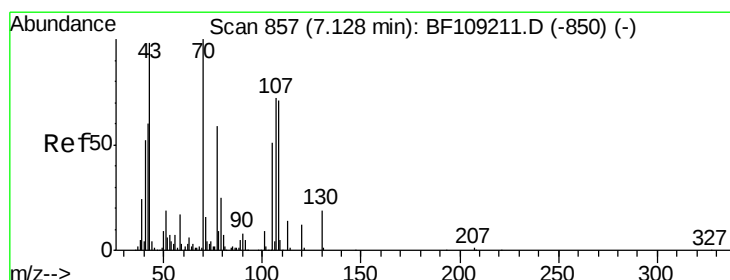
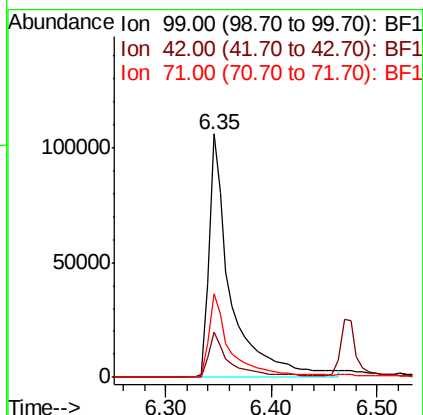
Tgt Ion: 99 Resp: 153509

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 34.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.840 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

Tgt Ion: 70 Resp: 77331

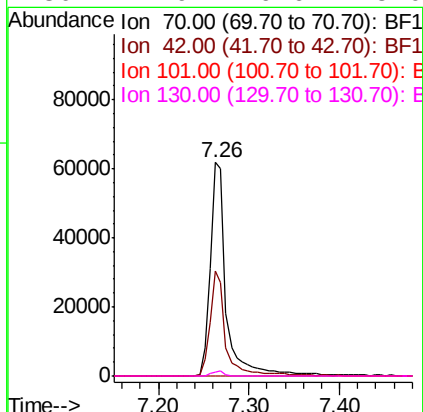
Ion Ratio Lower Upper

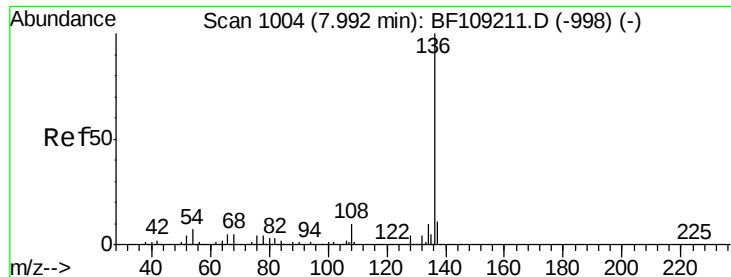
70 100

42 49.4 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: BF109636.D

Acq: 6 Oct 2018 4:05

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-B

Tgt Ion:136 Resp: 334824

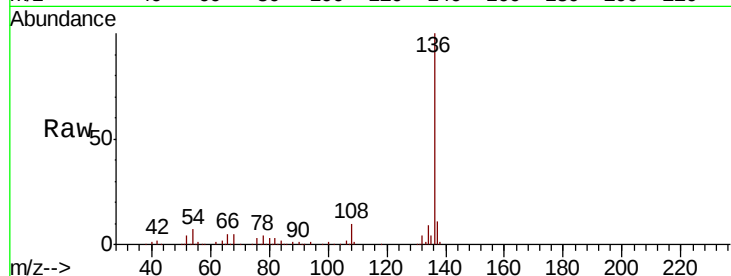
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.5 5.0 7.4

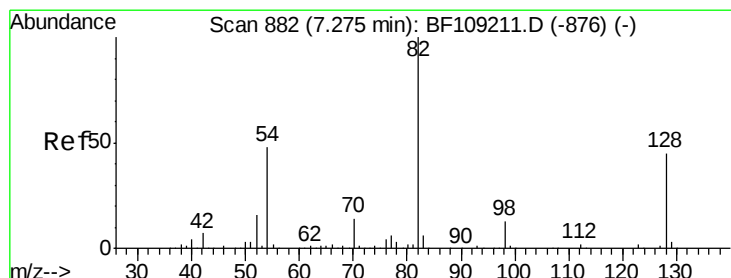
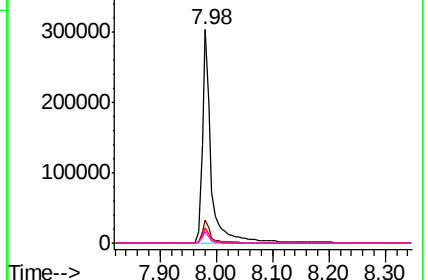
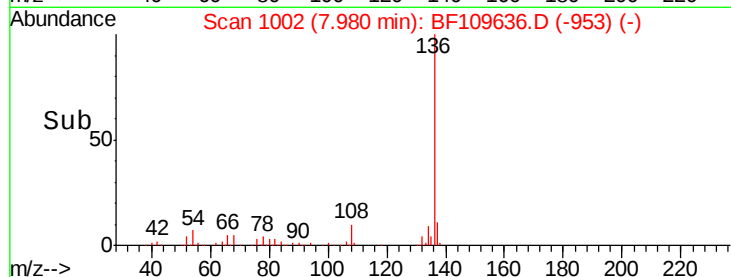


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.509 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

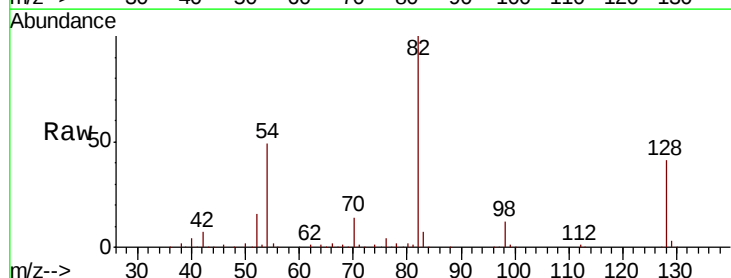
Tgt Ion: 82 Resp: 581427

Ion Ratio Lower Upper

82 100

128 41.3 36.1 54.1

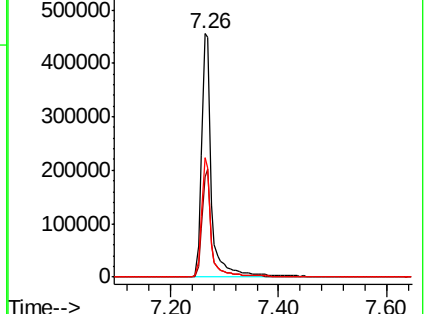
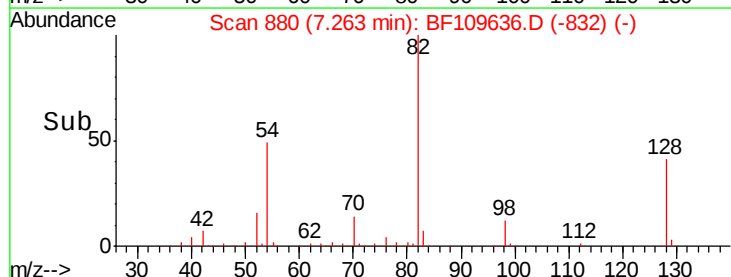
54 48.9 41.4 62.2

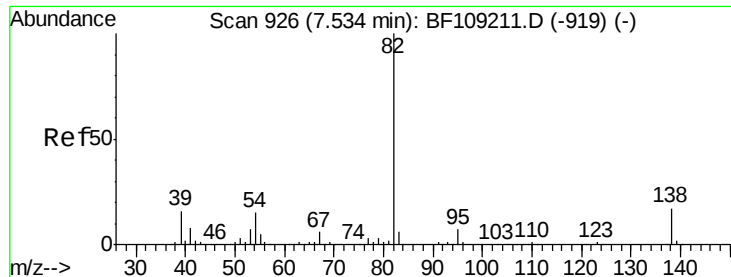


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

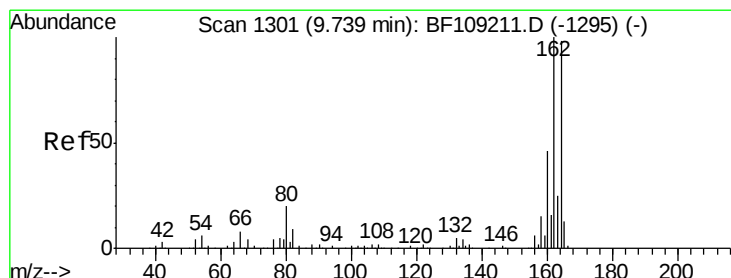
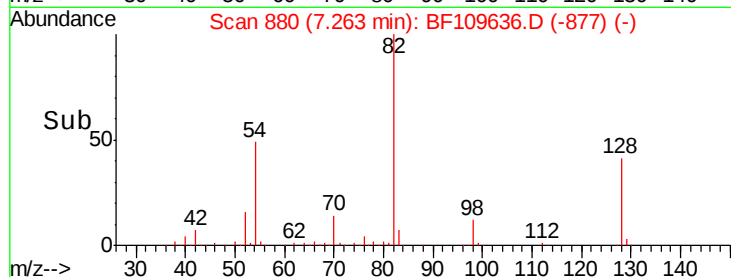
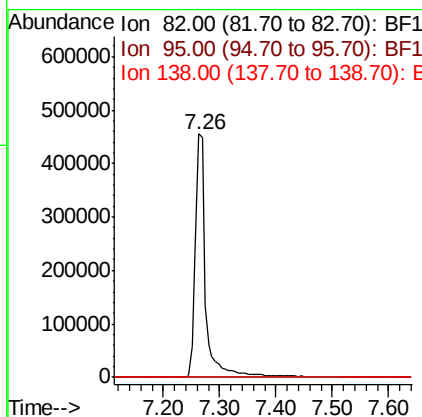
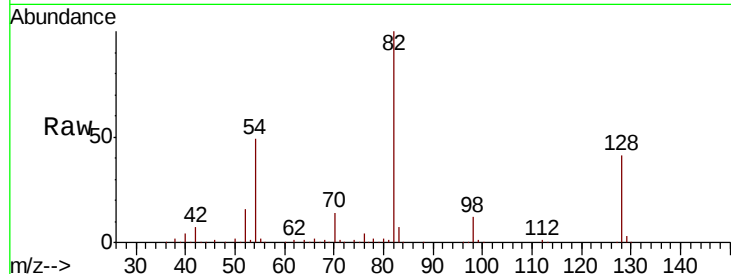




#25
Isophorone
Concen: 55.420 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

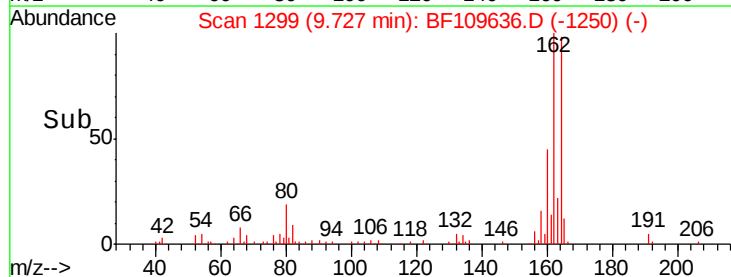
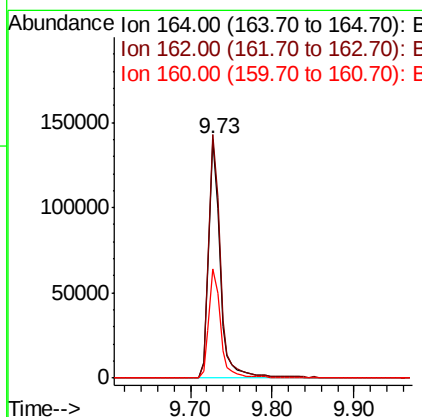
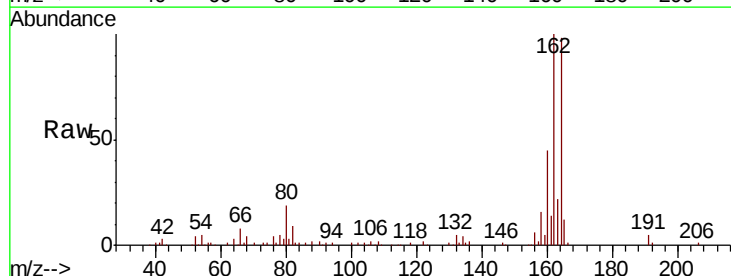
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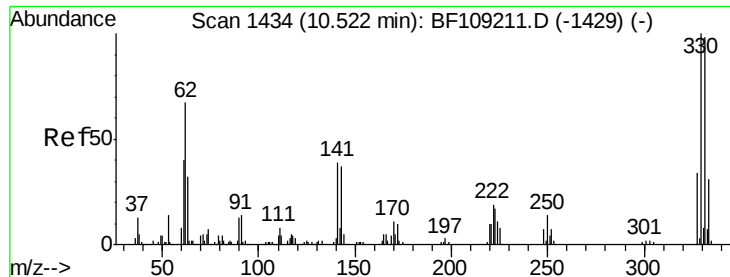
Tgt Ion: 82 Resp: 566044
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

Tgt Ion: 164 Resp: 138010
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 45.9 38.3 57.5

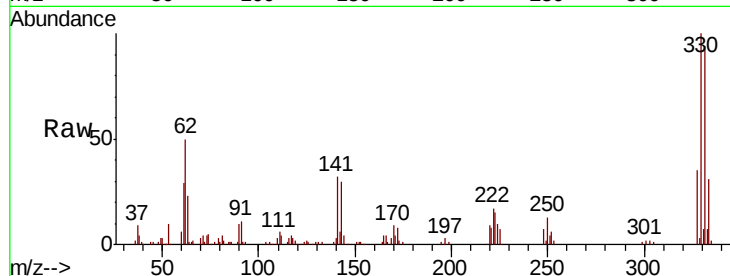




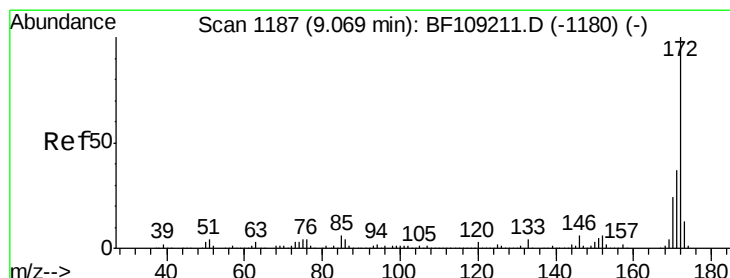
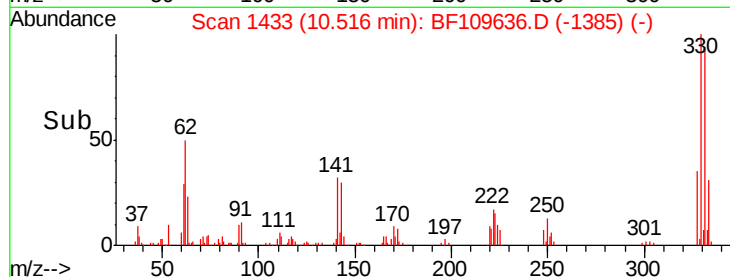
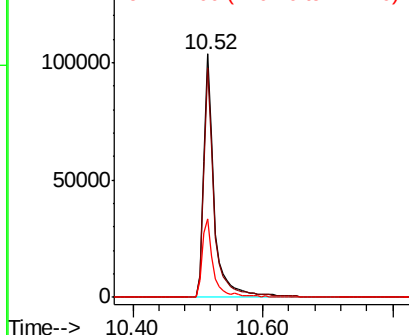
#41
 2,4,6-Tribromophenol
 Concen: 86.228 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

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

Tgt Ion:330 Resp: 117313
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 33.6 29.9 44.9

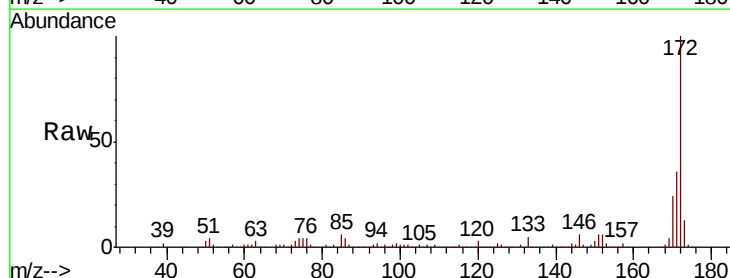


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

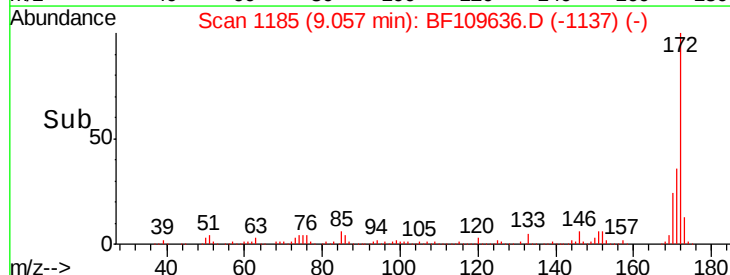
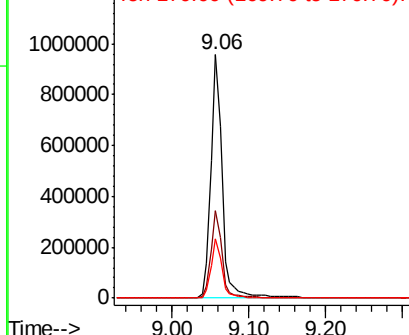


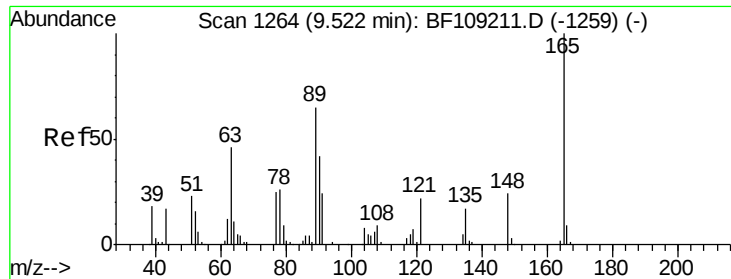
#44
 2-Fluorobiphenyl
 Concen: 106.571 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

Tgt Ion:172 Resp: 975197
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

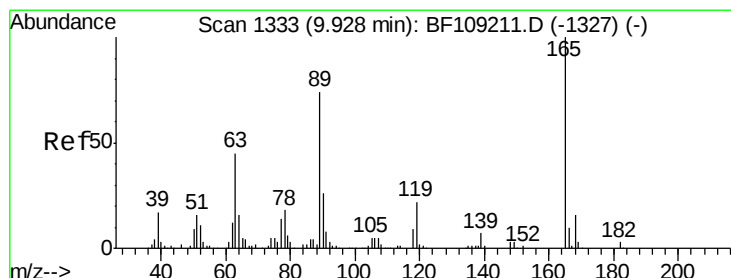
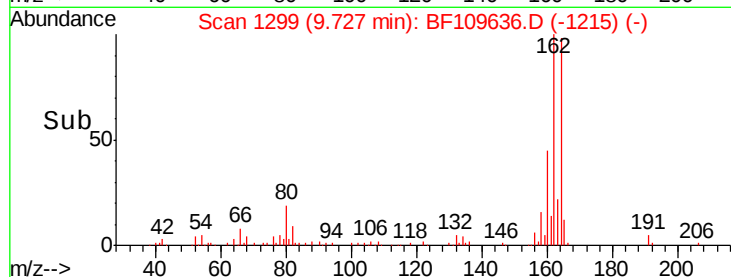
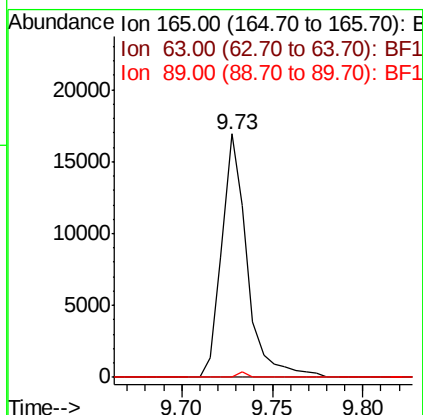
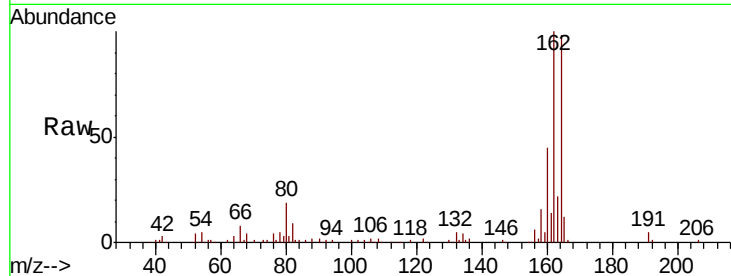




#50
 2,6-Dinitrotoluene
 Concen: 8.327 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

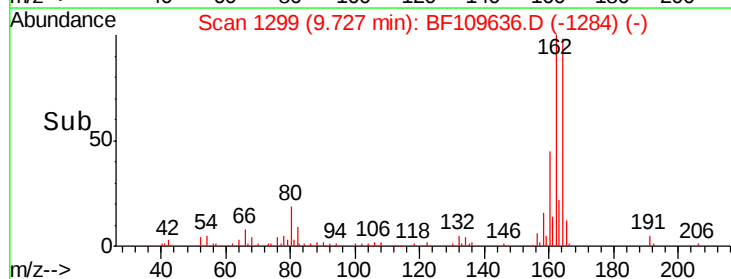
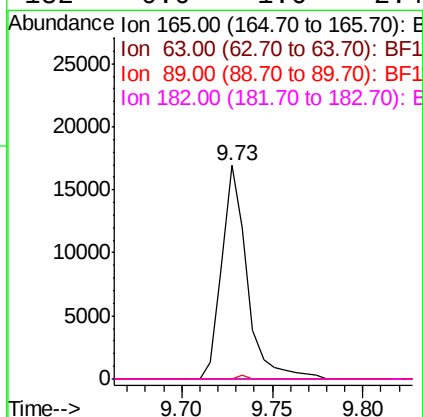
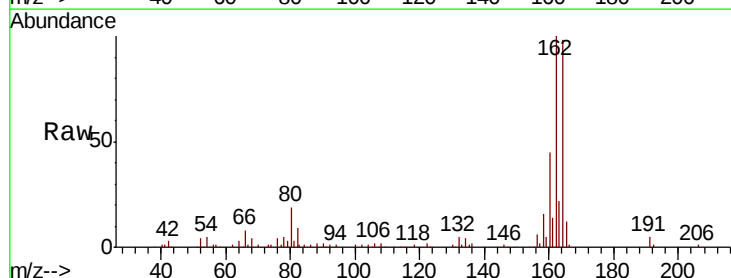
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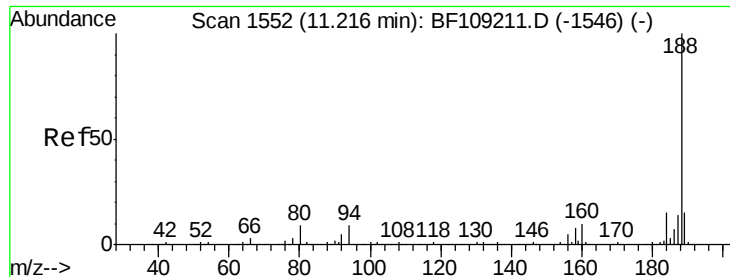
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.581 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109636.D
 Acq: 6 Oct 2018 4:05

Tgt 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#

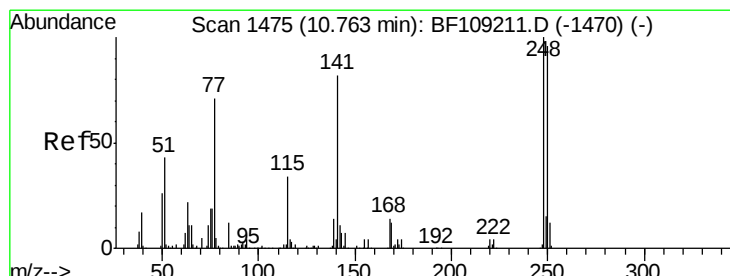
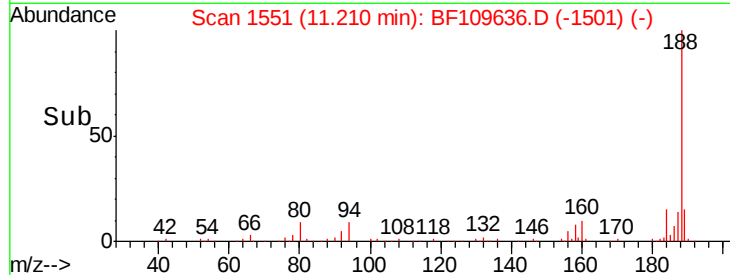
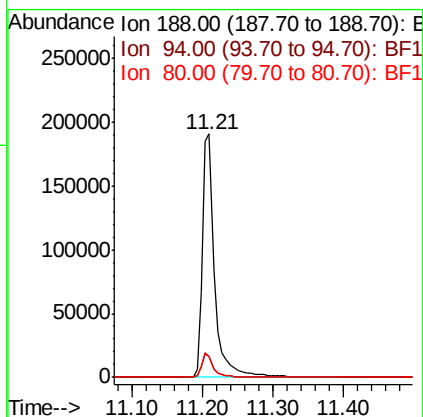
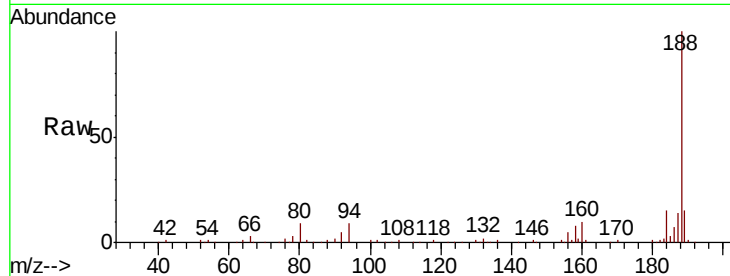




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

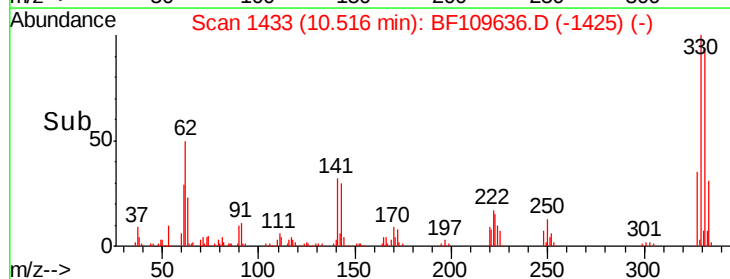
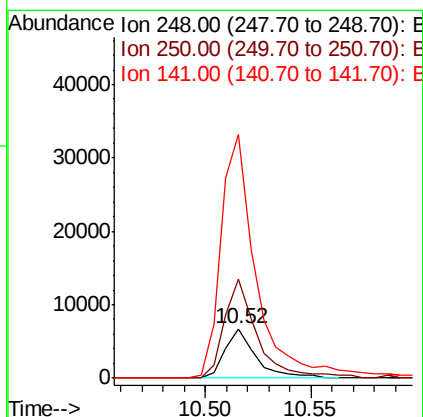
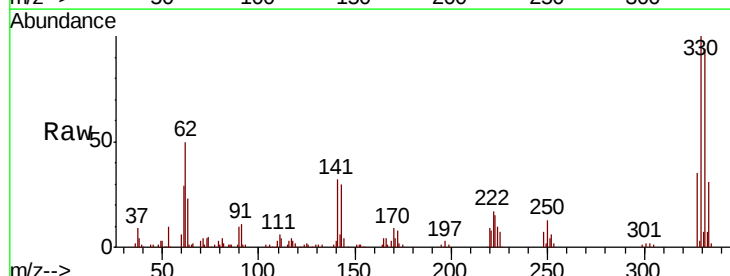
Instrument :
BNA_F
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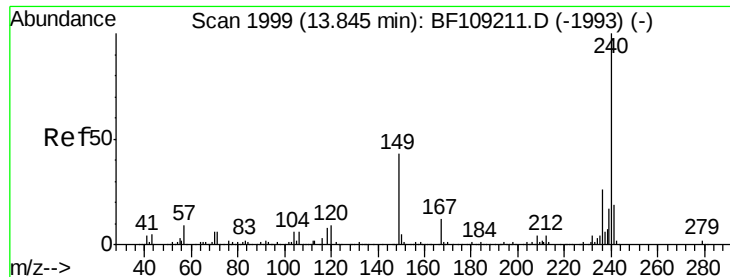
Tgt Ion:188 Resp: 229537
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 8.7 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.673 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109636.D
Acq: 6 Oct 2018 4:05

Tgt Ion:248 Resp: 6812
Ion Ratio Lower Upper
248 100
250 200.1 76.9 115.3#
141 490.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-U-B

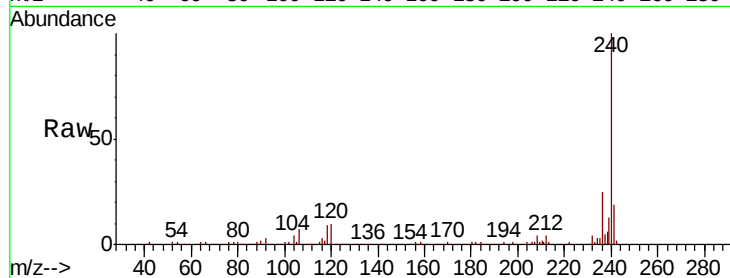
Tgt Ion:240 Resp: 224929

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

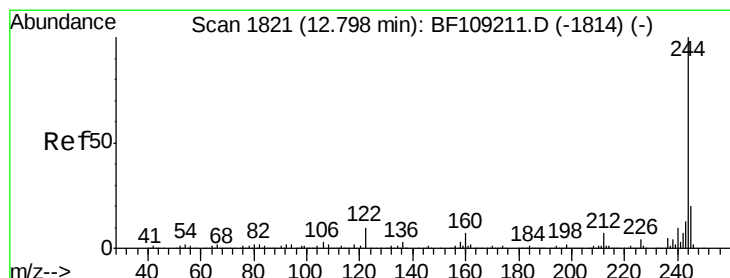
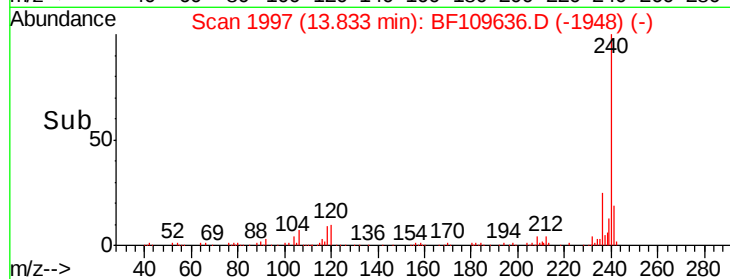
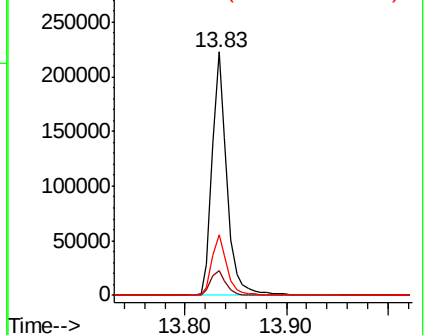
236 24.7 20.7 31.1



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: 83.712 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109636.D

Acq: 6 Oct 2018 4:05

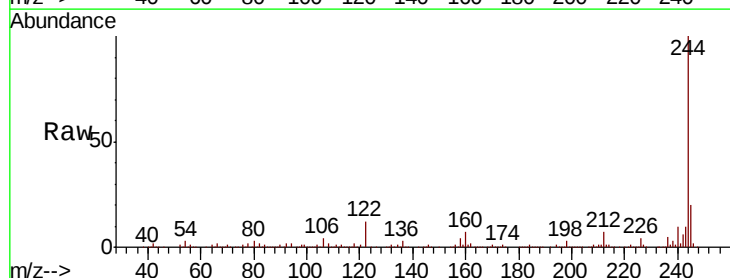
Tgt Ion:244 Resp: 767235

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

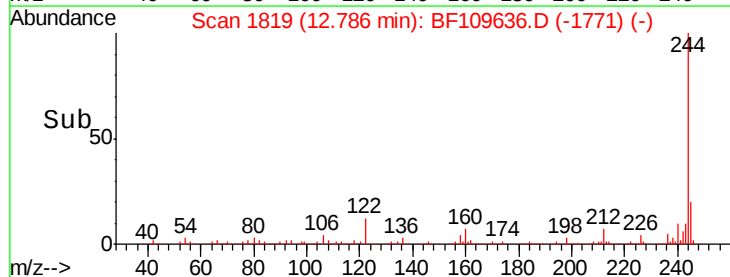
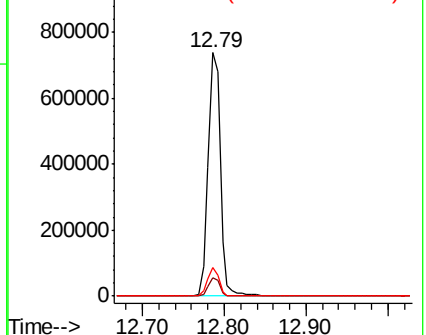
122 11.8 11.0 16.4

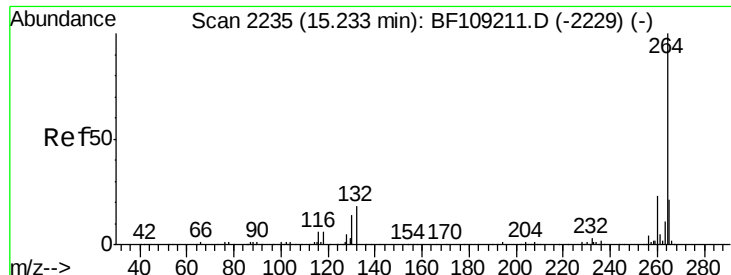


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109636.D
Acq: 6 Oct 2018 4:05

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3

