

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108336.D
 Acq On : 21 Aug 2018 13:57
 Operator : JU/SJ
 Sample : J4521-18RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11990

Quant Time: Aug 21 14:21:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

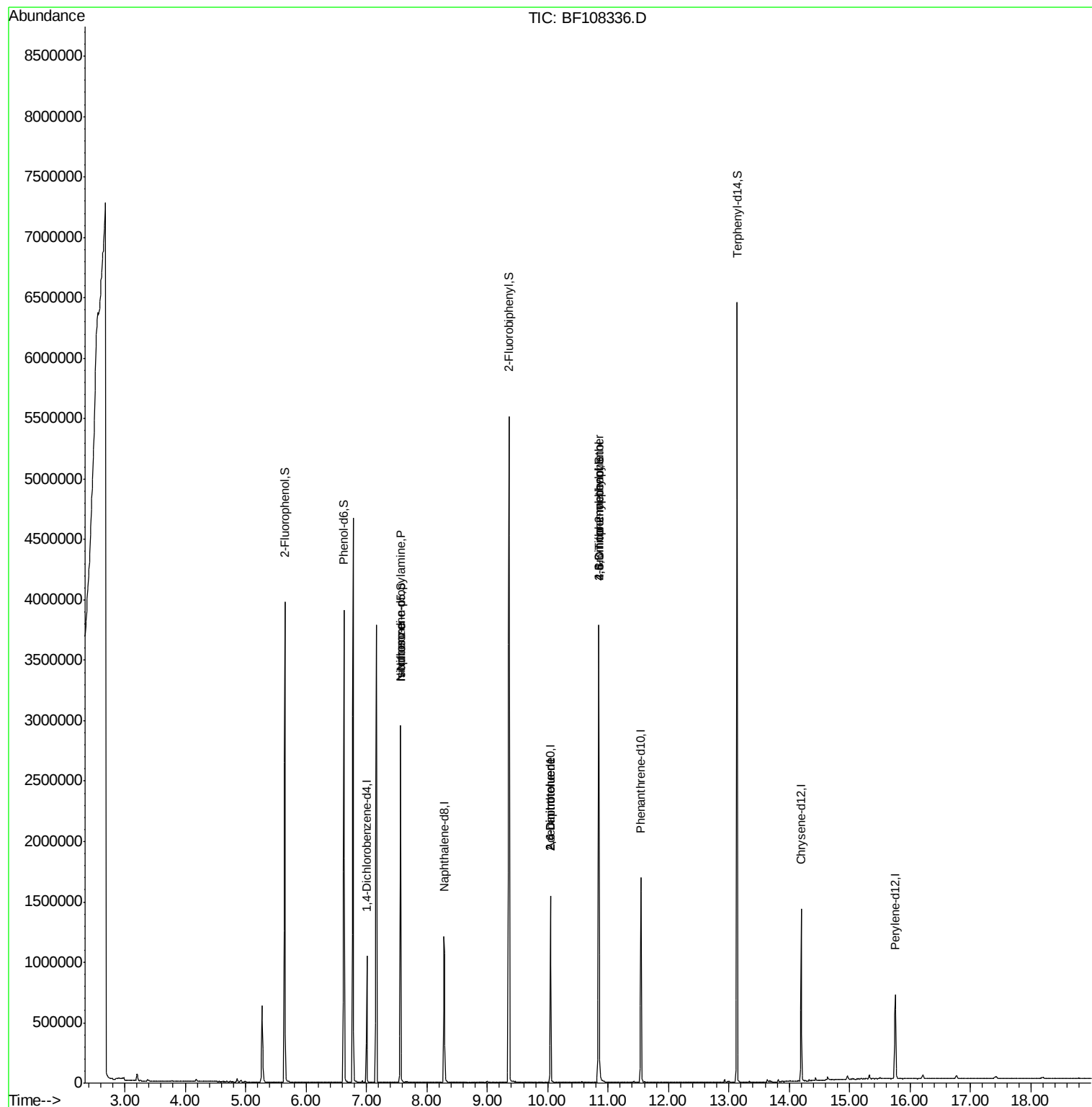
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	157409	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	594921	20.00	ng	-0.02
38) Acenaphthene-d10	10.05	164	307449	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	644091	20.00	ng	-0.02
75) Chrysene-d12	14.20	240	514966	20.00	ng	-0.02
86) Perylene-d12	15.75	264	344739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1111620	127.85	ng	0.02
7) Phenol-d6	6.63	99	1344052	116.33	ng	0.00
23) Nitrobenzene-d5	7.57	82	1111844	104.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.85	330	529944	172.80	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	2009237	104.92	ng	-0.02
78) Terphenyl-d14	13.14	244	2433301	120.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	151292	19.364	ng	# 83
25) Isophorone	7.57	82	1111826	54.713	ng	# 64
50) 2,6-Dinitrotoluene	10.05	165	38303	8.548	ng	# 25
56) 2,4-Dinitrotoluene	10.05	165	38303	6.641	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1246	5.816	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	34849	4.979	ng	# 1

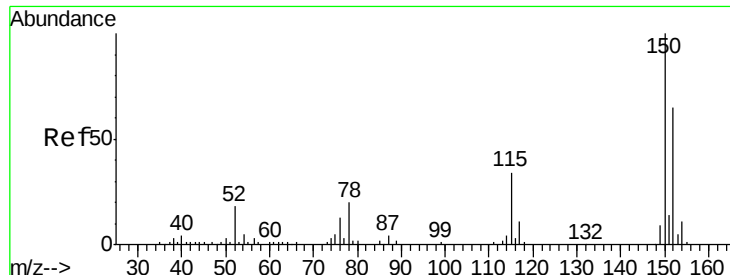
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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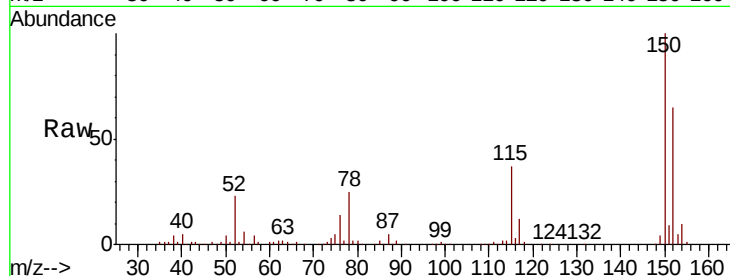




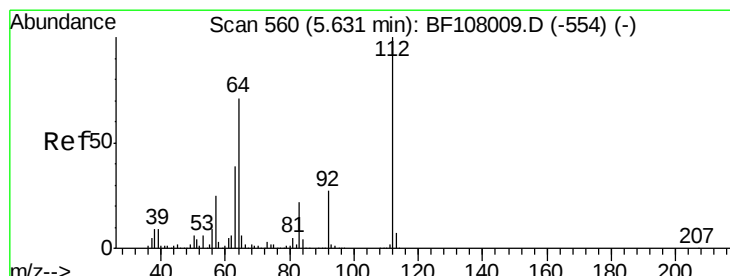
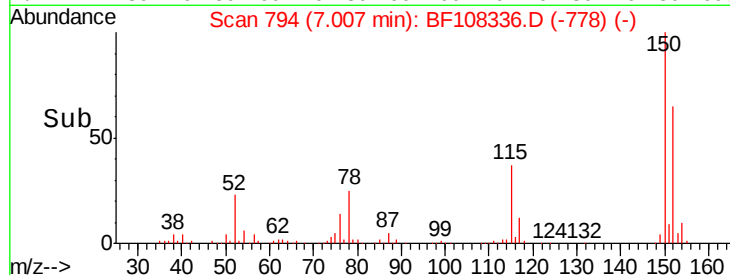
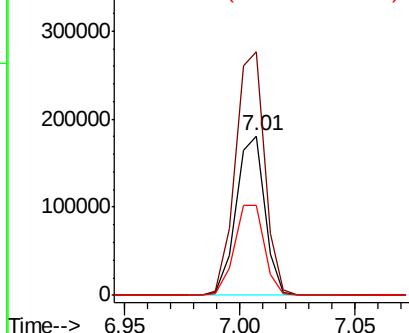
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 72-11990

Tot Ion:	152	Resp:	157409
Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	56.1	50.1	75.1

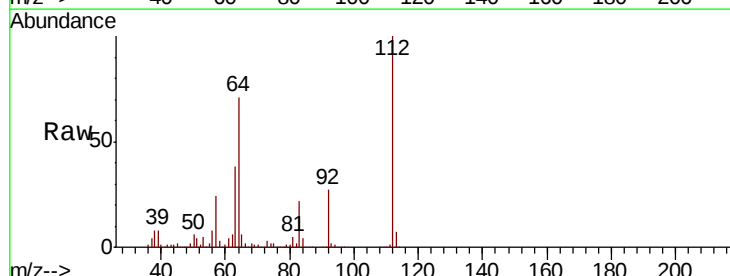


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

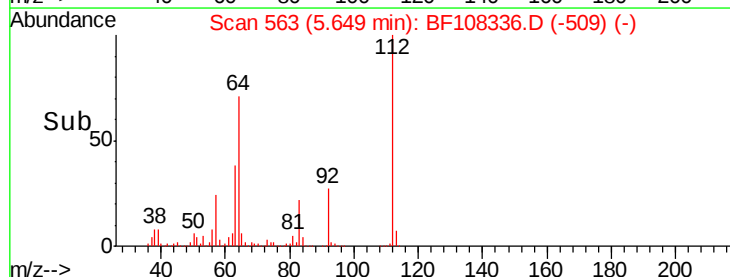
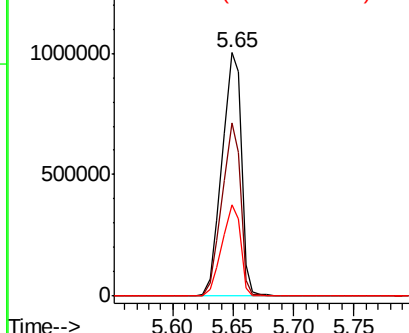


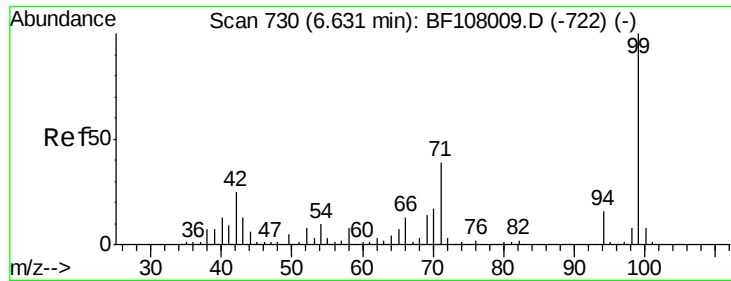
#5
 2-Fluorophenol
 Concen: 127.854 ng
 RT: 5.65 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Tgt Ion:	112	Resp:	1111620
Ion	Ratio	Lower	Upper
112	100		
64	71.3	47.9	71.9
63	37.7	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: 116.330 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

Instrument :

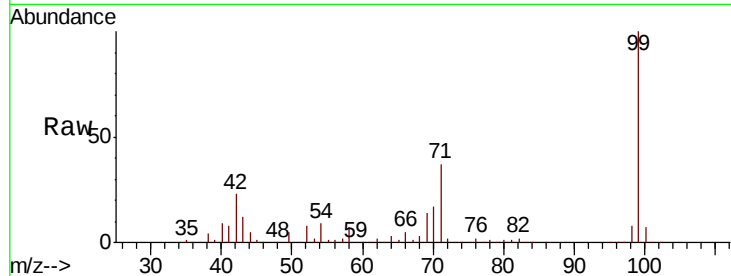
BNA_F

ClientSampleId :

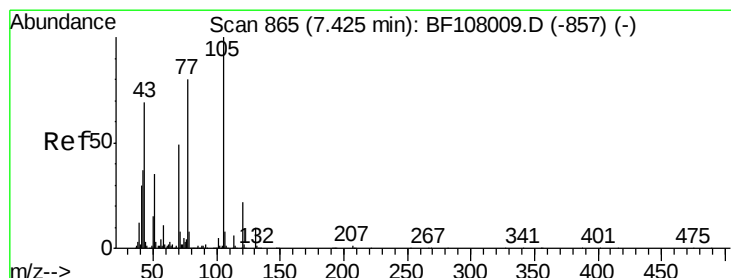
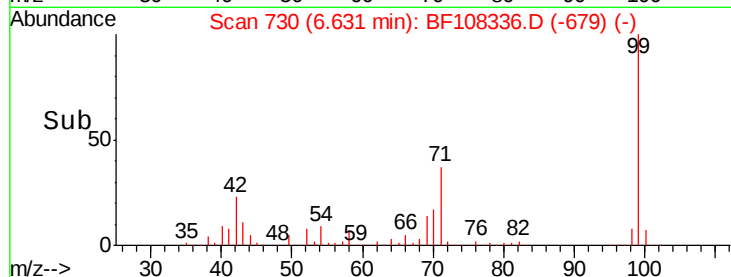
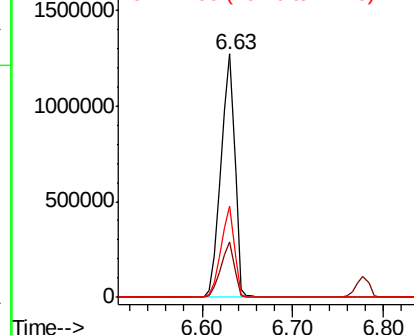
72-11990

Tot Ion: 99 Resp: 1344052

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	37.4	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



#19

n-Nitroso-di-n-propylamine

Concen: 19.364 ng

RT: 7.57 min Scan# 889

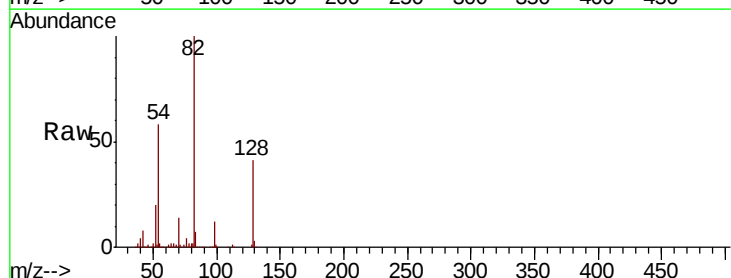
Delta R.T. 0.14 min

Lab File: BF108336.D

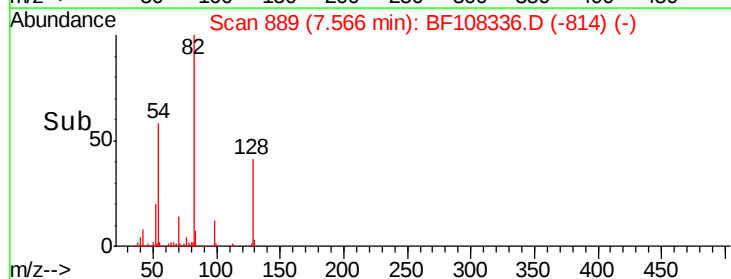
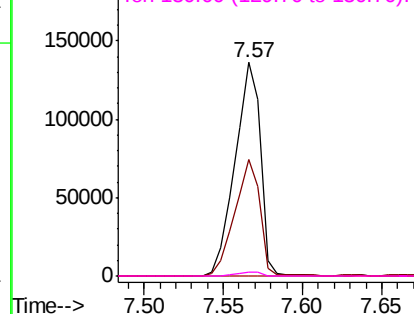
Acq: 21 Aug 2018 13:57

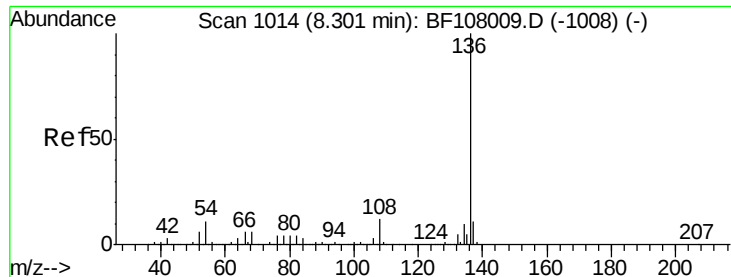
Tgt Ion: 70 Resp: 151292

Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

Instrument :

BNA_F

ClientSampleId :

72-11990

Tot Ion:136 Resp: 594921

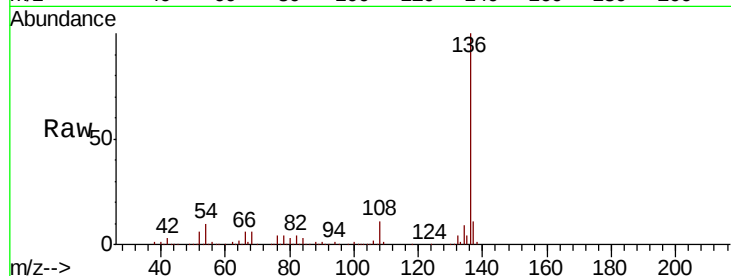
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.3 6.6 9.8#

68 6.3 5.0 7.4

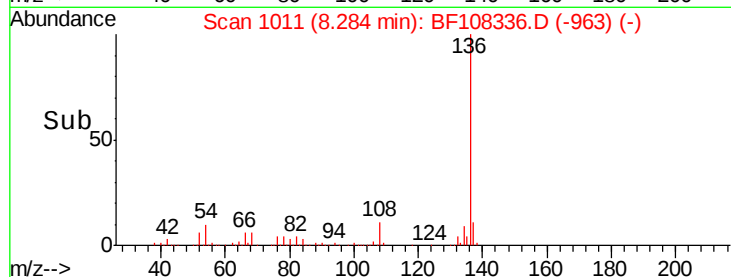


Abundance Ion 136.00 (135.70 to 136.70): E

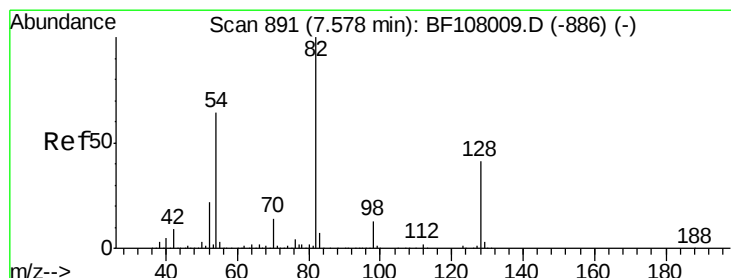
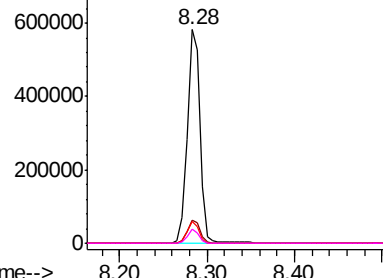
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 104.287 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

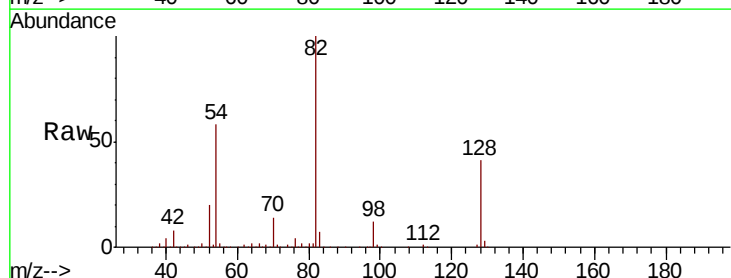
Tgt Ion: 82 Resp: 1111844

Ion Ratio Lower Upper

82 100

128 40.9 36.1 54.1

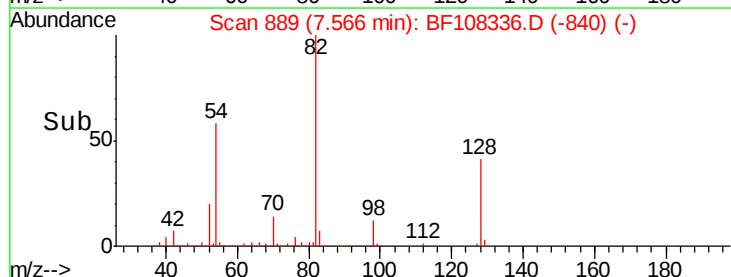
54 58.4 41.4 62.2



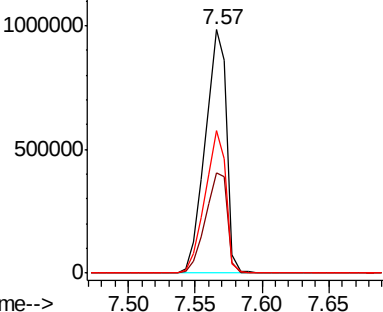
Abundance Ion 82.00 (81.70 to 82.70): BF1

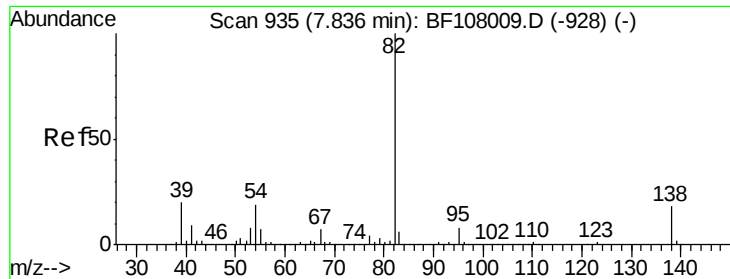
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 54.713 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

Instrument :

BNA_F

ClientSampleId :

72-11990

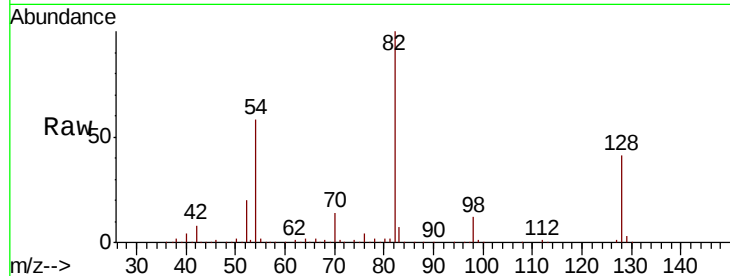
Tot Ion: 82 Resp: 1111826

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

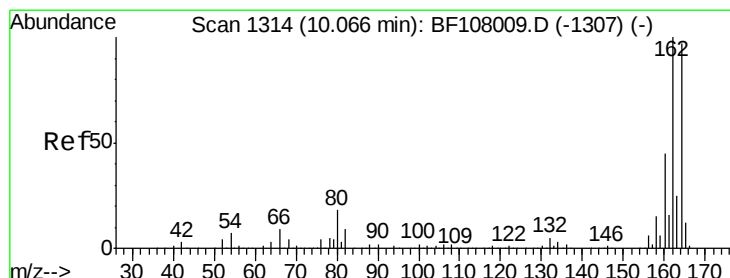
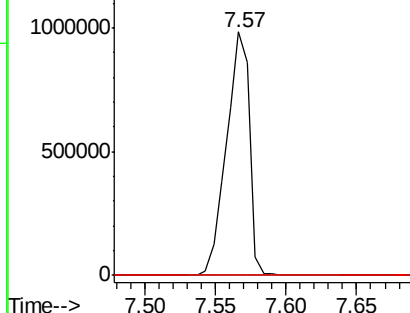
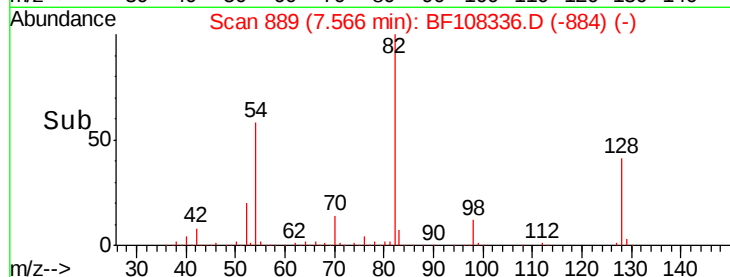
138 0.0 14.9 22.3#



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: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

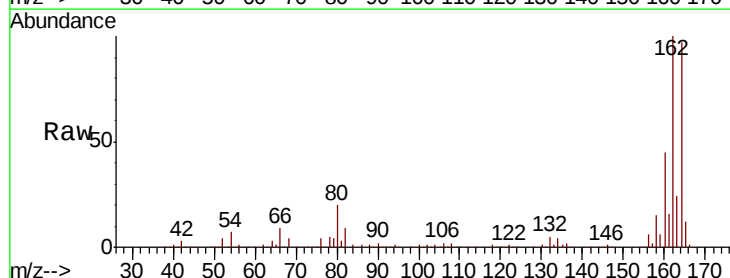
Tgt Ion:164 Resp: 307449

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

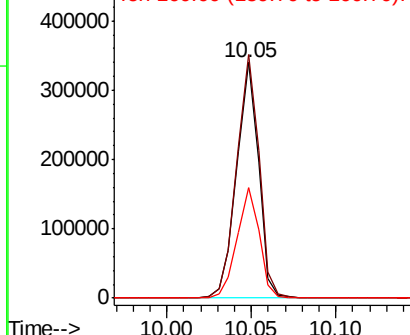
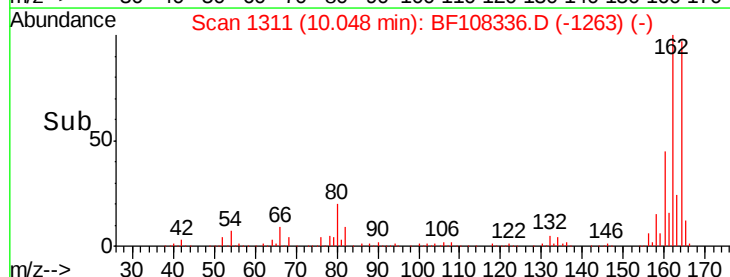
160 46.8 38.3 57.5

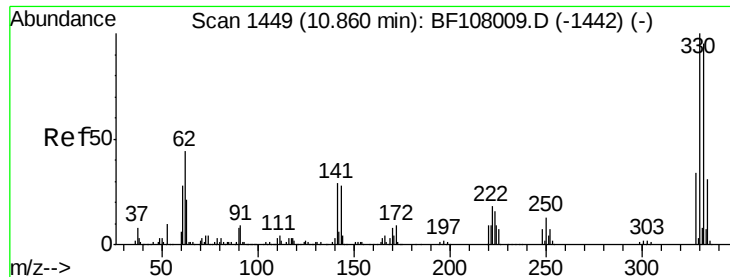


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

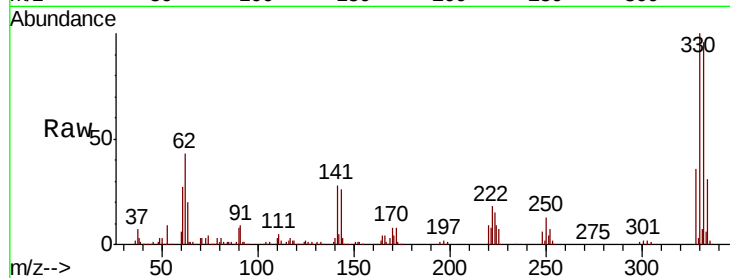




#41
 2,4,6-Tribromophenol
 Concen: 172.805 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 72-11990

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.8	29.9	44.9

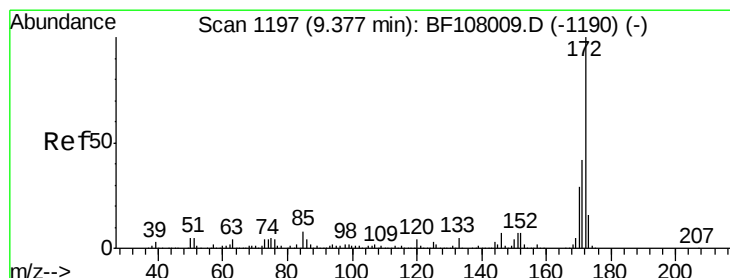
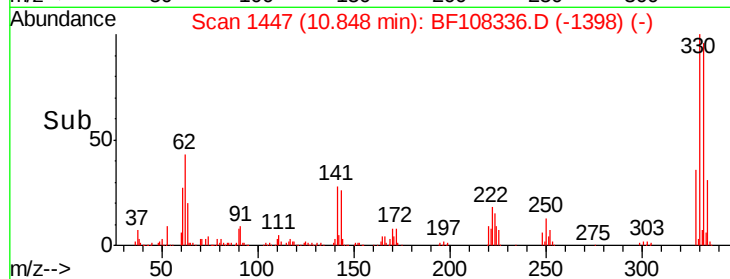
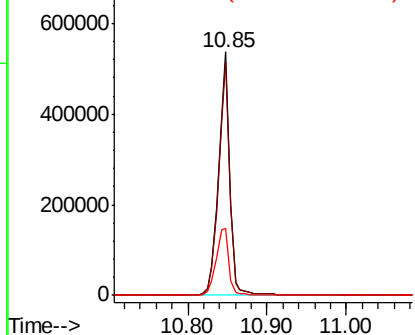


Abundance

Ion 329.80 (329.50 to 330.50): E

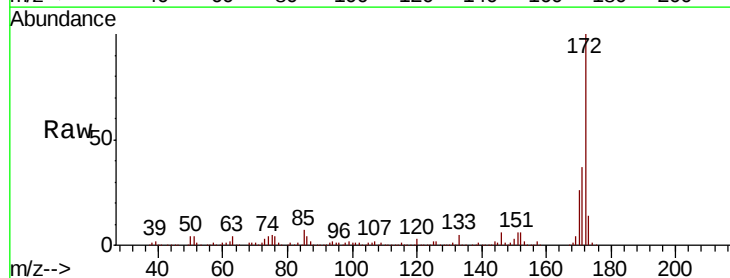
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.920 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.5	19.6	29.4

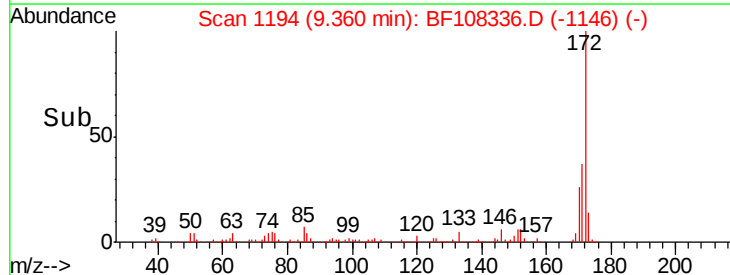
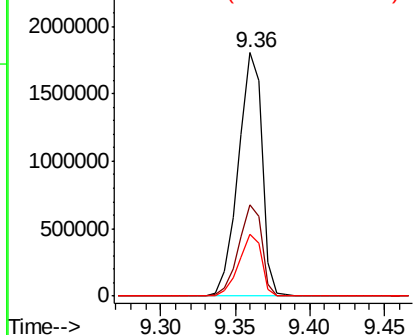


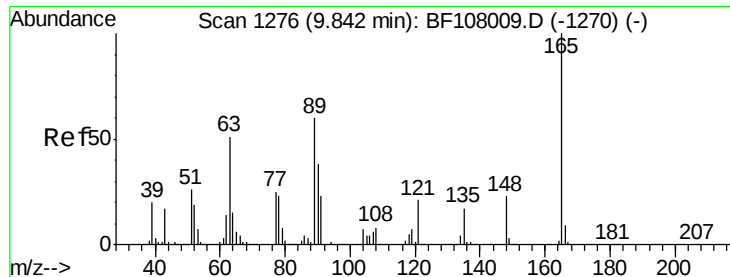
Abundance

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

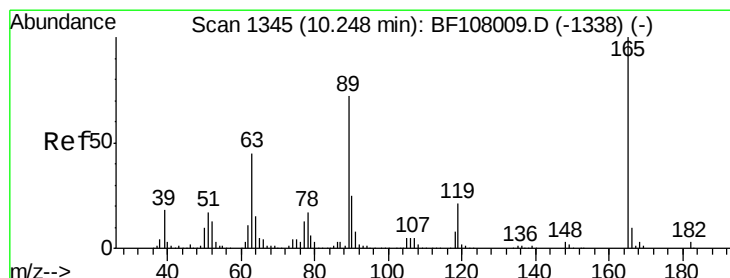
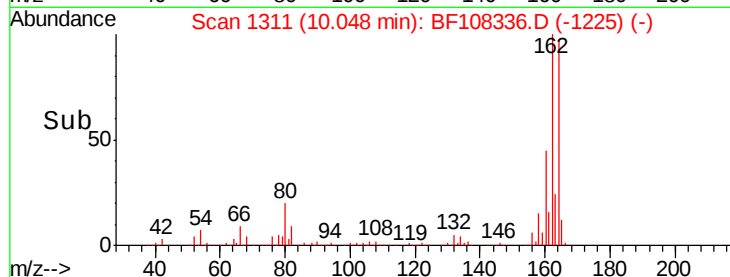
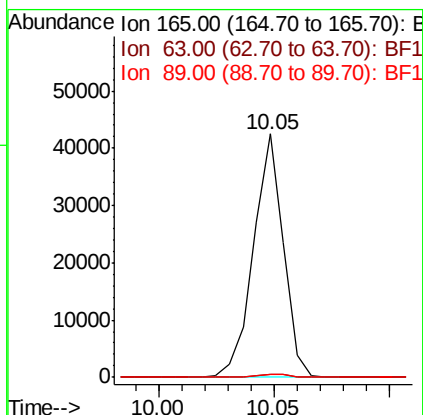
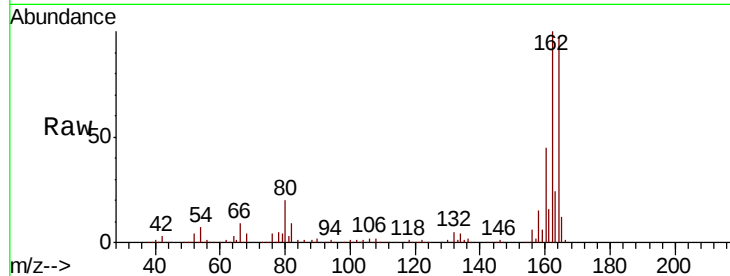




#50
 2,6-Dinitrotoluene
 Concen: 8.548 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.21 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

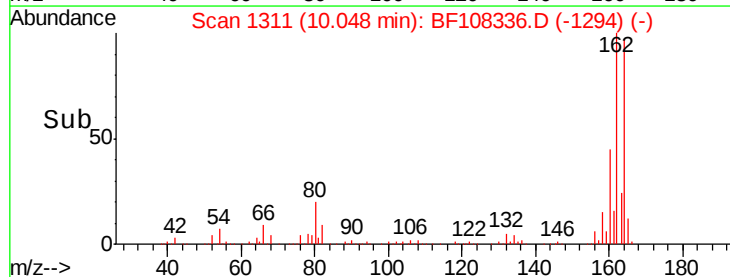
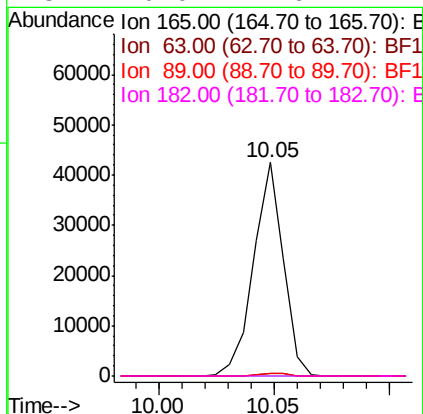
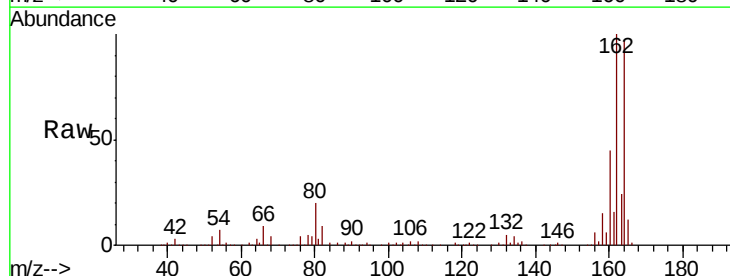
Instrument :
 BNA_F
 ClientSampled :
 72-11990

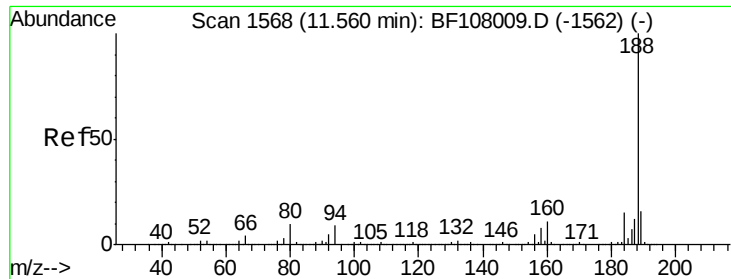
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.641 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.20 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

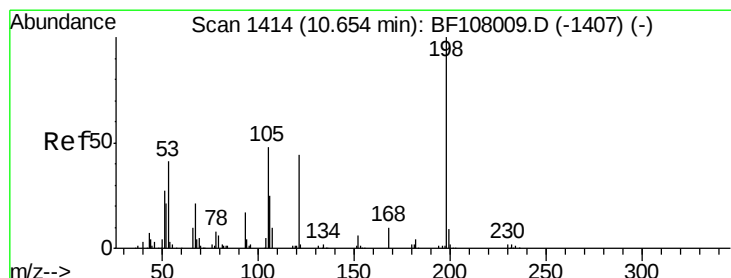
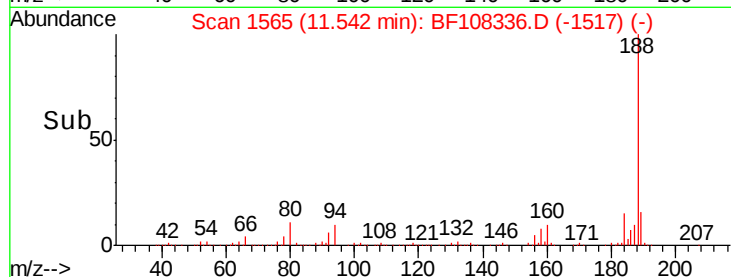
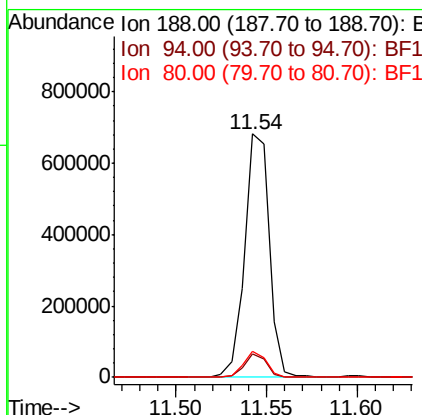
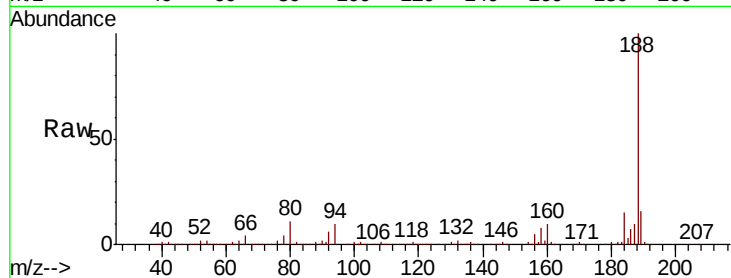




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

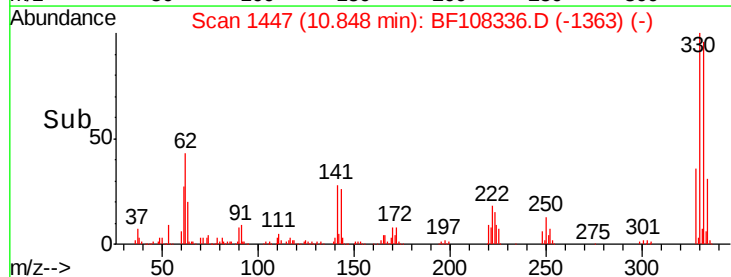
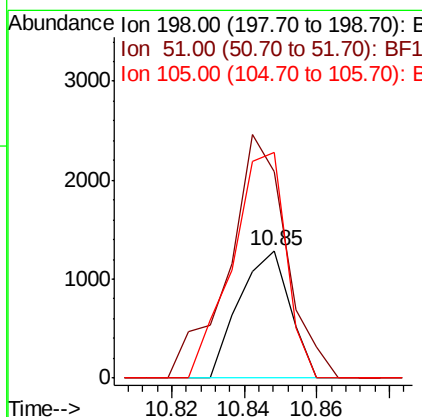
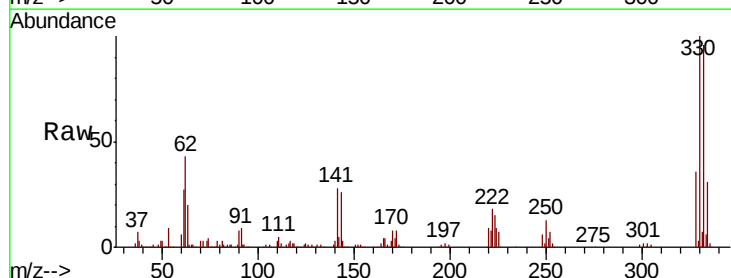
Instrument :
 BNA_F
 ClientSampleId :
 72-11990

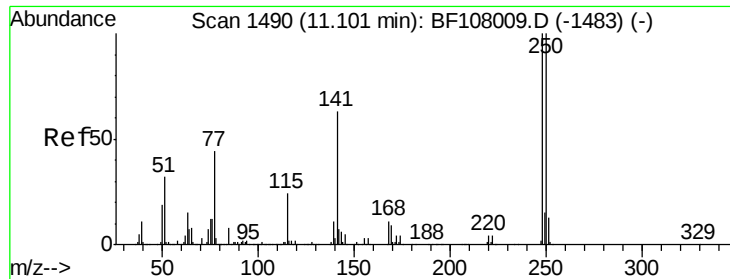
Tot Ion:188 Resp: 644091
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.816 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.20 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Tgt Ion:198 Resp: 1246
 Ion Ratio Lower Upper
 198 100
 51 161.8 37.7 77.7#
 105 176.5 36.3 76.3#

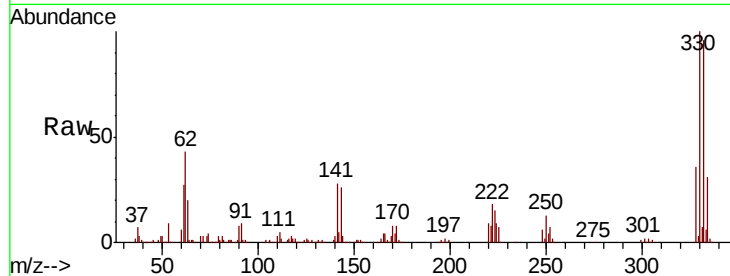




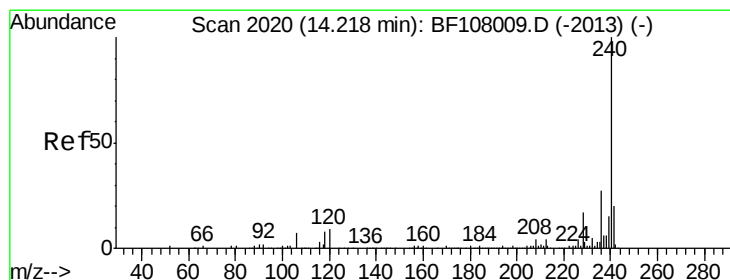
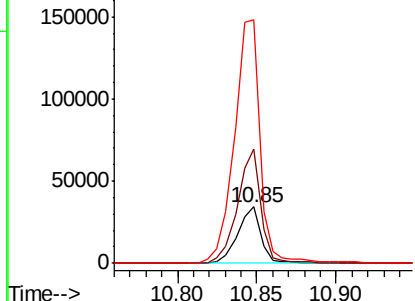
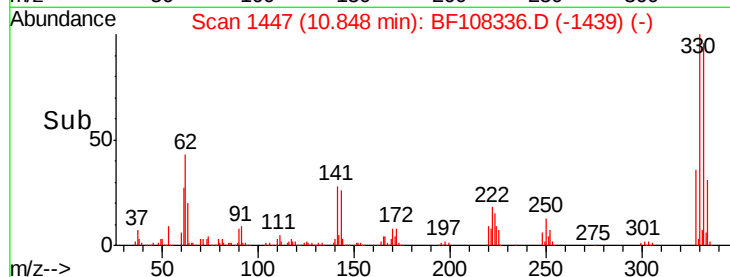
#66
 4-Bromophenyl-phenylether
 Concen: 4.979 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Instrument :
 BNA_F
 ClientSampleId :
 72-11990

Tot Ion:248 Resp: 34849
 Ion Ratio Lower Upper
 248 100
 250 201.5 76.9 115.3#
 141 430.0 74.4 111.6#

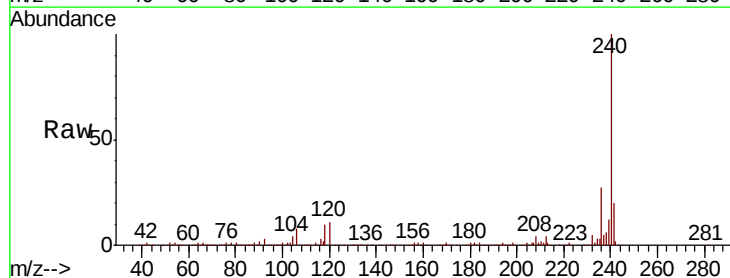


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

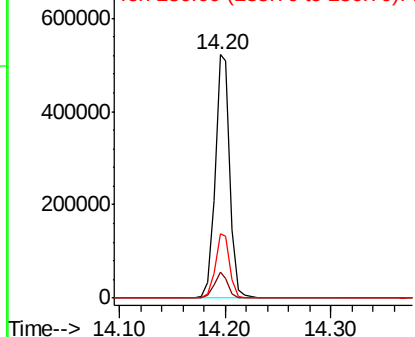
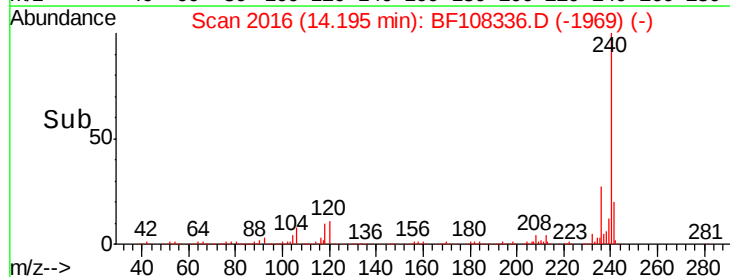


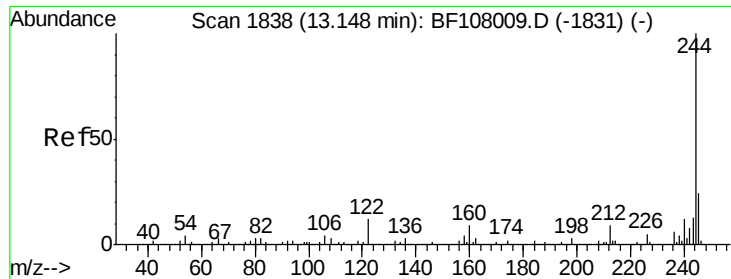
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2016
 Delta R.T. -0.02 min
 Lab File: BF108336.D
 Acq: 21 Aug 2018 13:57

Tgt Ion:240 Resp: 514966
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 26.5 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: 120.141 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

Instrument :

BNA_F

ClientSampleId :

72-11990

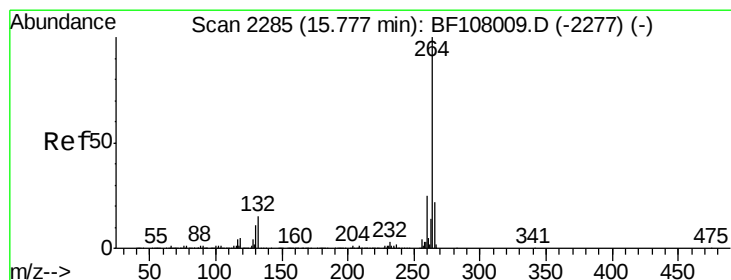
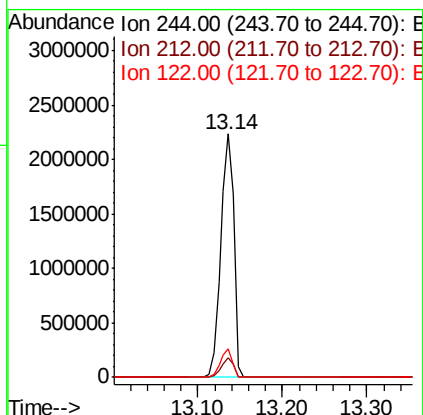
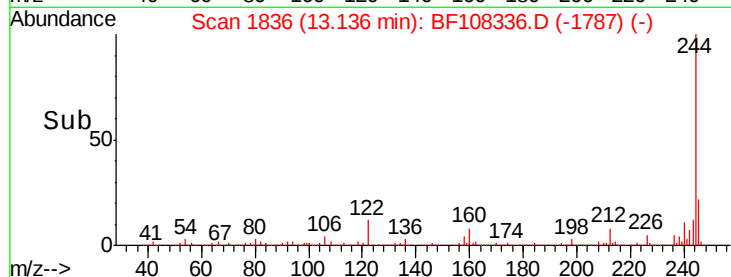
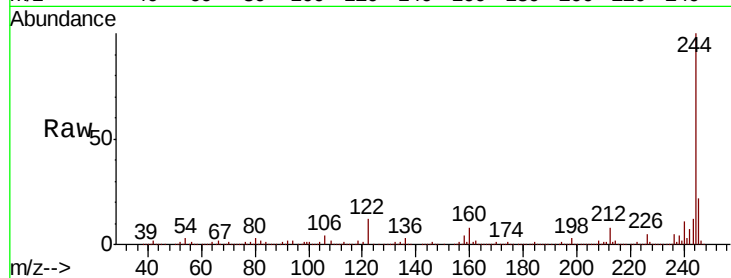
Tot Ion:244 Resp: 2433301

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

122 11.9 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108336.D

Acq: 21 Aug 2018 13:57

Tgt Ion:264 Resp: 344739

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 17.5 26.3

