

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108669.D
 Acq On : 31 Aug 2018 4:57
 Operator : JU/SJ
 Sample : J4700-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-S

Quant Time: Aug 31 05:53:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

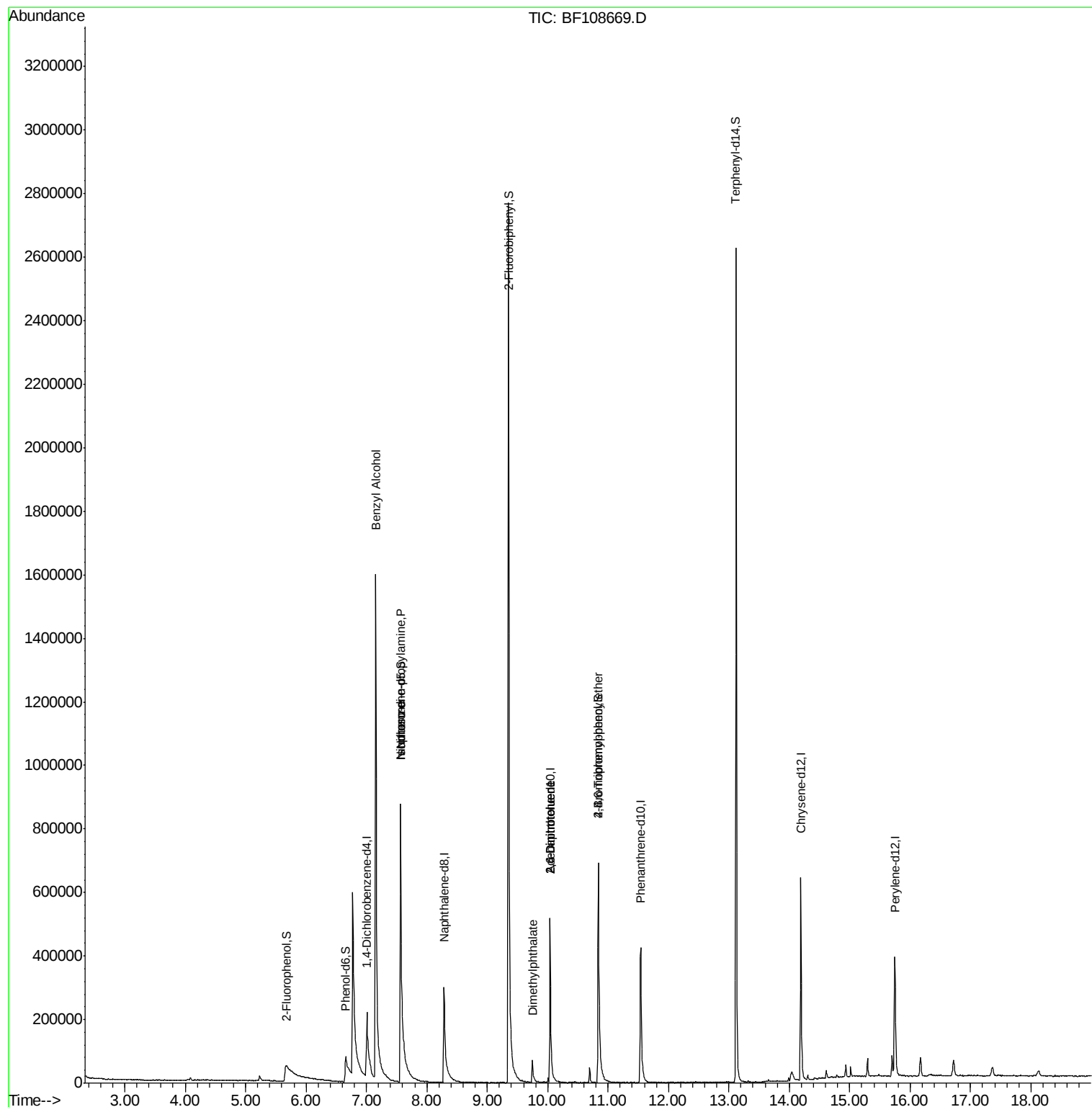
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	83356	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	335068	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	155904	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	276563	20.00	ng	0.00
75) Chrysene-d12	14.19	240	291443	20.00	ng	-0.01
86) Perylene-d12	15.75	264	244179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	72621	15.13	ng	0.03
7) Phenol-d6	6.66	99	145543	21.18	ng	0.01
23) Nitrobenzene-d5	7.57	82	625162	94.70	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	152732	74.21	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1216281	104.90	ng	0.00
78) Terphenyl-d14	13.12	244	1059474	70.63	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.15	79	10071	2.037	ng	# 43
19) n-Nitroso-di-n-propylamine	7.57	70	74872	16.269	ng	# 84
25) Isophorone	7.57	82	627593	57.232	ng	# 64
49) Dimethylphthalate	9.75	163	62120	5.060	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	19278	7.124	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	19421	5.420	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	9542	2.807	ng	# 1

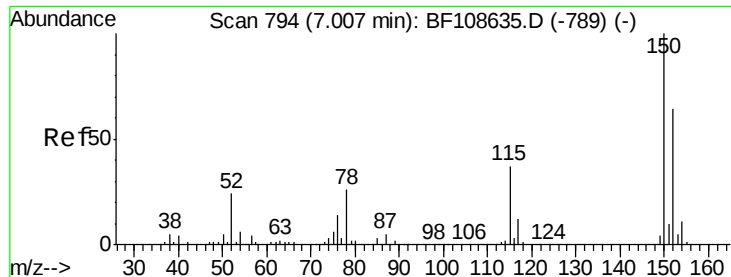
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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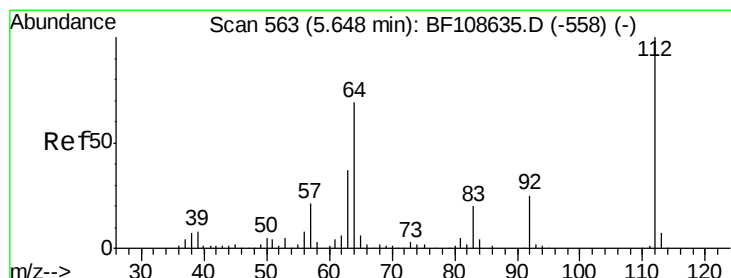
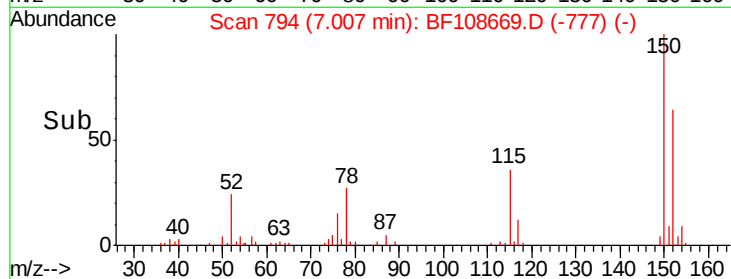
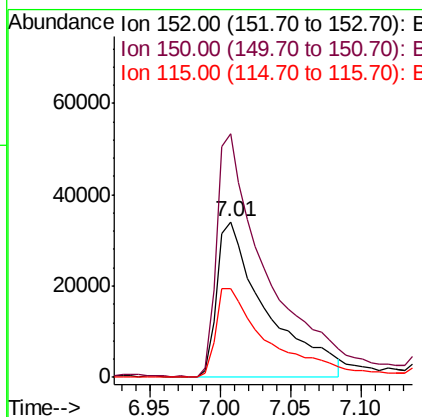
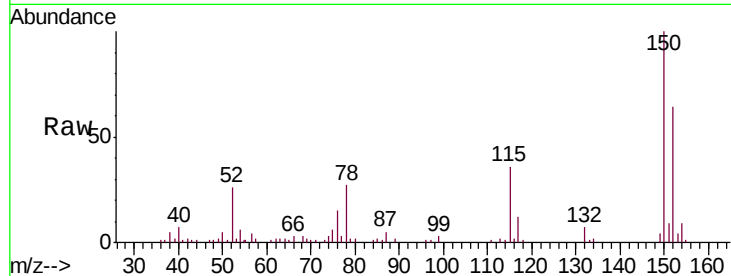




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

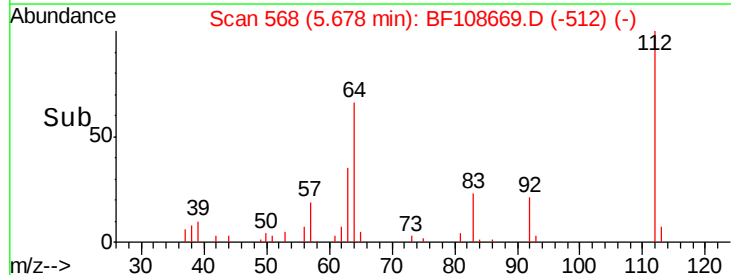
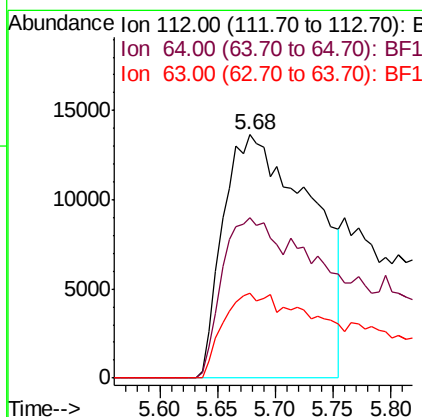
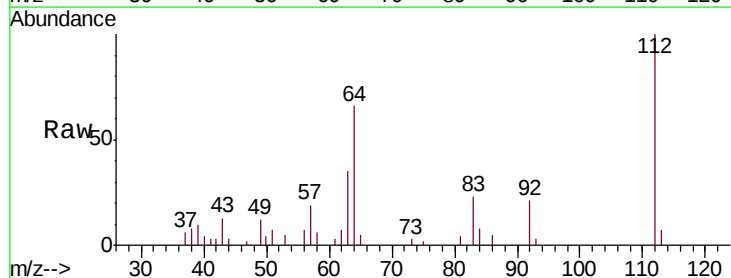
Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-S

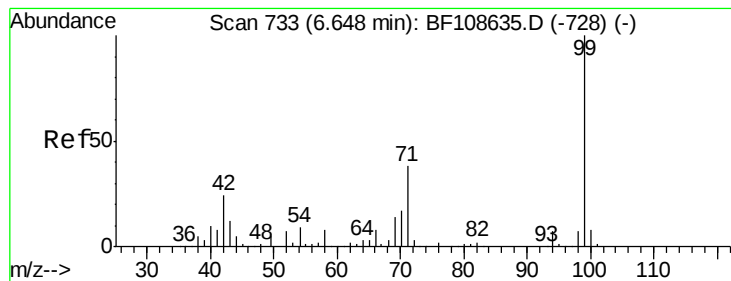
Tgt Ion:152 Resp: 83356
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 57.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 15.135 ng
 RT: 5.68 min Scan# 568
 Delta R.T. 0.03 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

Tgt Ion:112 Resp: 72621
 Ion Ratio Lower Upper
 112 100
 64 65.7 47.9 71.9
 63 34.7 23.7 35.5





#7

Phenol-d6

Concen: 21.178 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108669.D

Acq: 31 Aug 2018 4:57

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-D-S

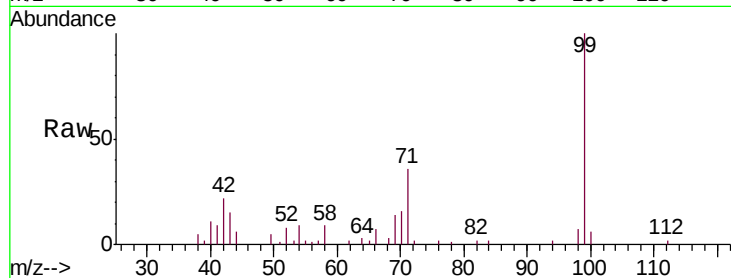
Tgt Ion: 99 Resp: 145543

Ion Ratio Lower Upper

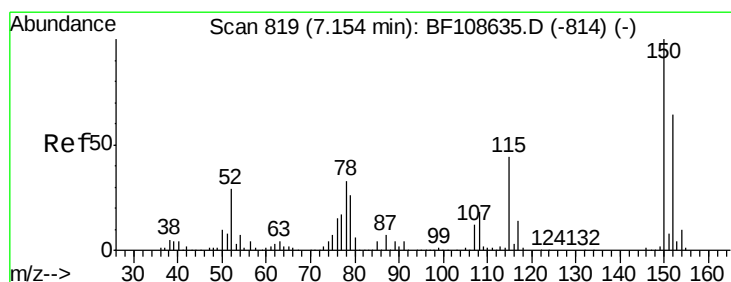
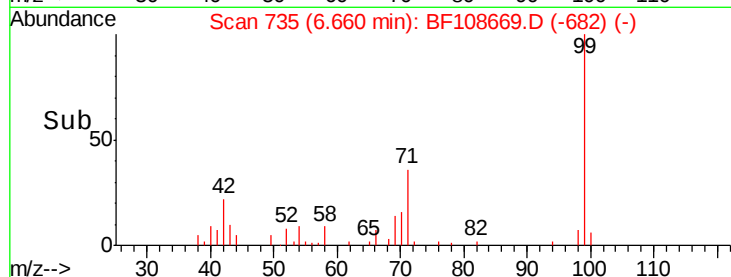
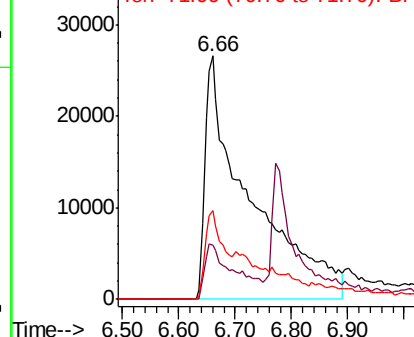
99 100

42 22.3 14.5 21.7#

71 36.5 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



#15

Benzyl Alcohol

Concen: 2.037 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF108669.D

Acq: 31 Aug 2018 4:57

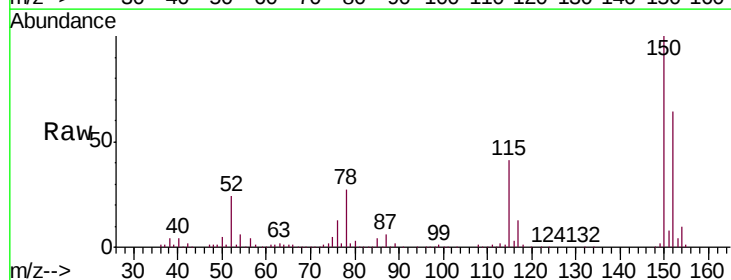
Tgt Ion: 79 Resp: 10071

Ion Ratio Lower Upper

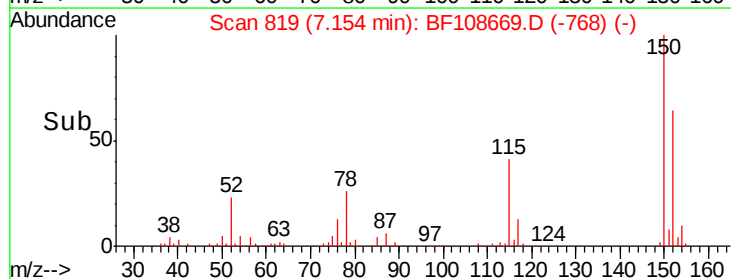
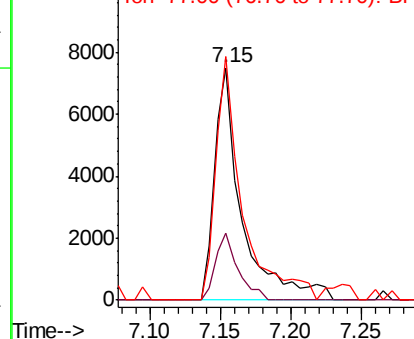
79 100

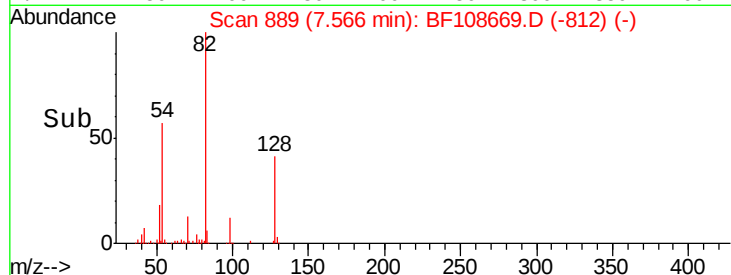
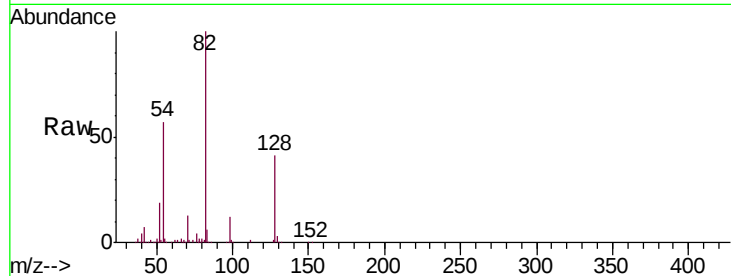
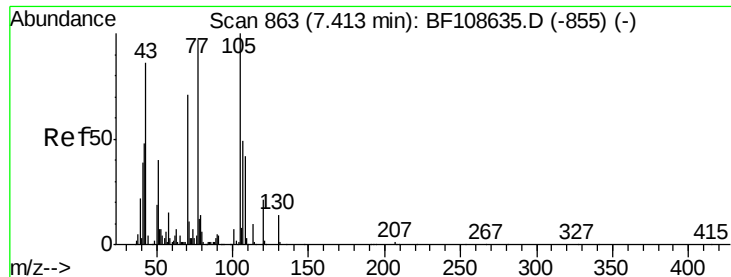
108 28.8 65.1 97.7#

77 104.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

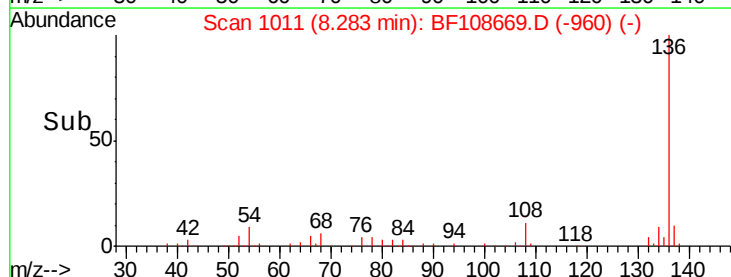
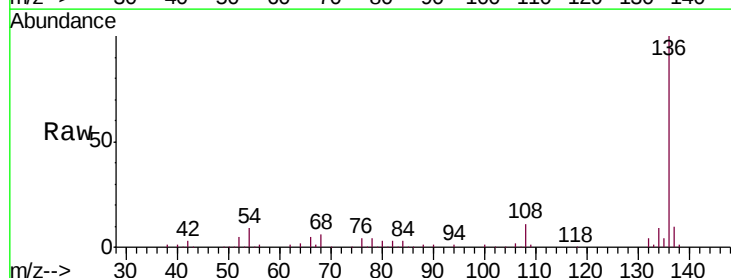
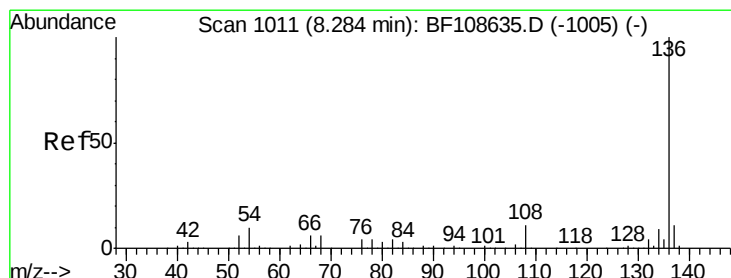
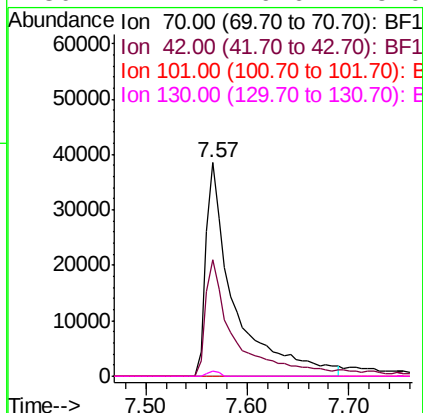




#19
n-Nitroso-di-n-propylamine
Concen: 16.269 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108669.D
Acq: 31 Aug 2018 4:57

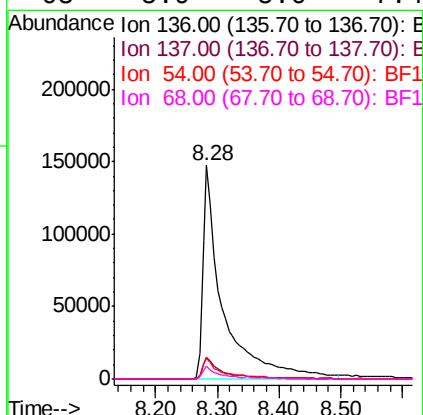
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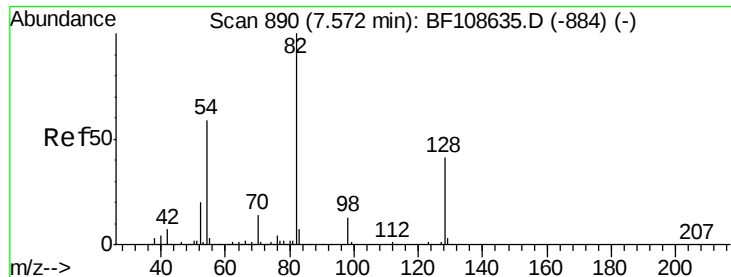
Tgt Ion:	70	Resp:	74872
Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108669.D
Acq: 31 Aug 2018 4:57

Tgt Ion:	136	Resp:	335068
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.4	6.6	9.8
68	5.9	5.0	7.4

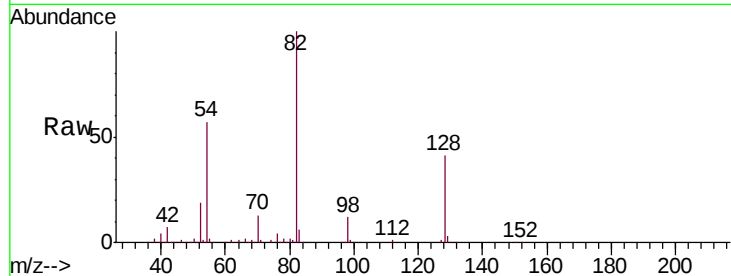




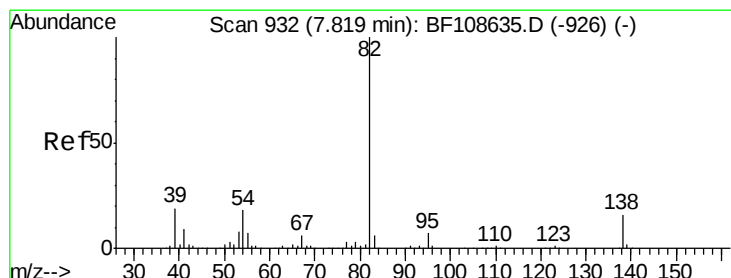
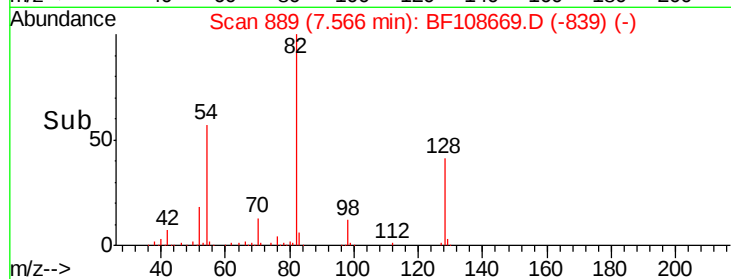
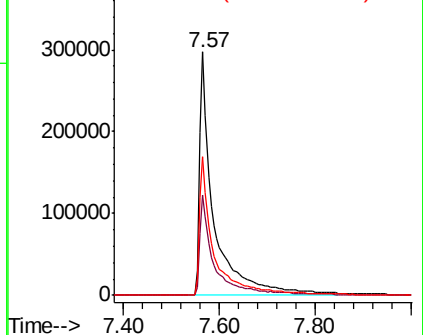
#23
 Nitrobenzene-d5
 Concen: 94.704 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	56.9	41.4	62.2

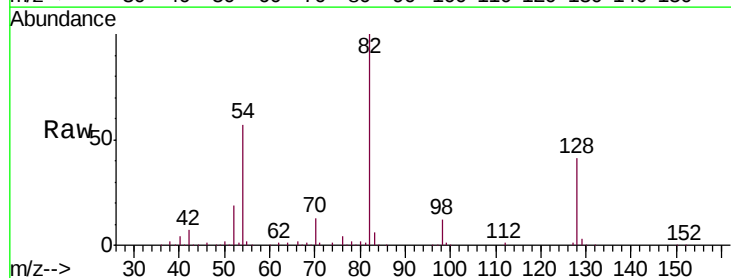


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

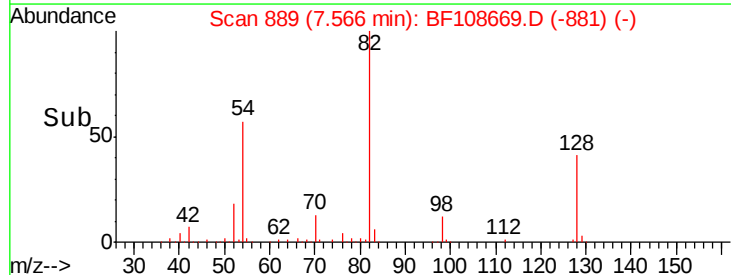
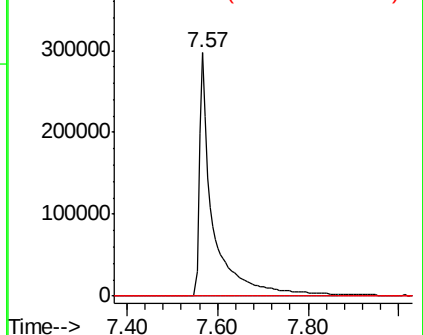


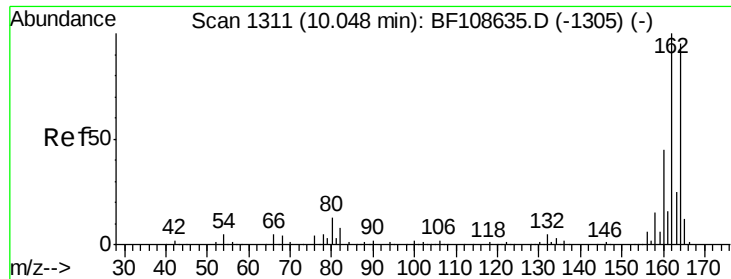
#25
 Isophorone
 Concen: 57.232 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.25 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

Tgt 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

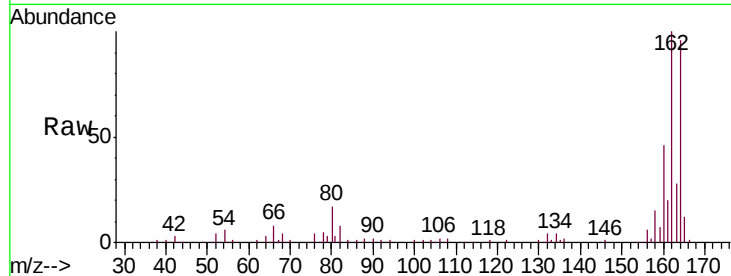




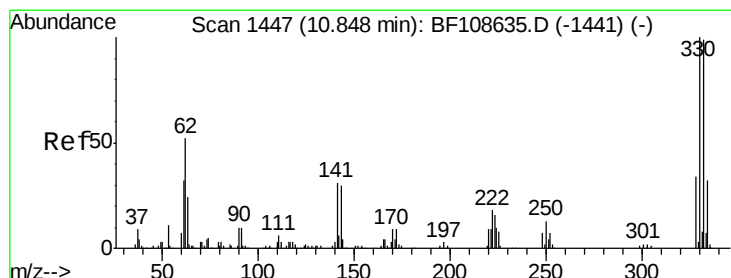
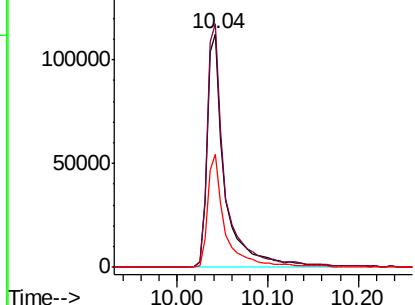
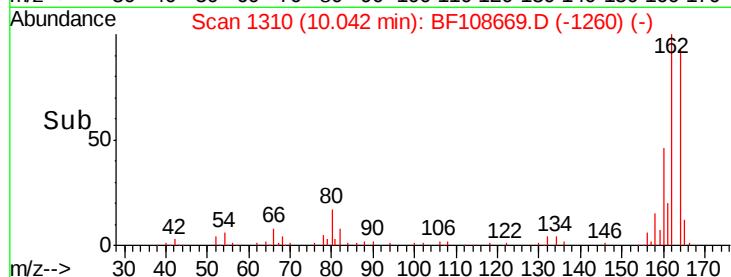
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108669.D
Acq: 31 Aug 2018 4:57

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-S

Tgt Ion:164 Resp: 155904
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 48.2 38.3 57.5

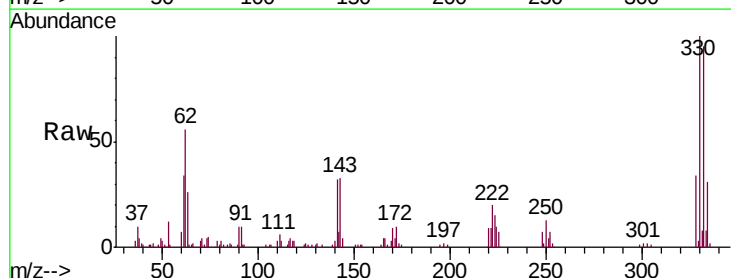


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

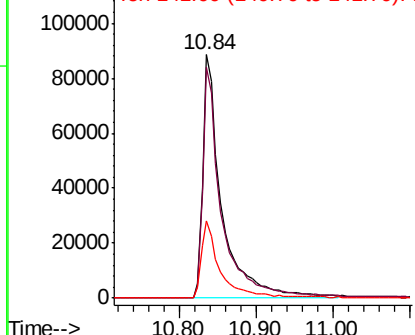
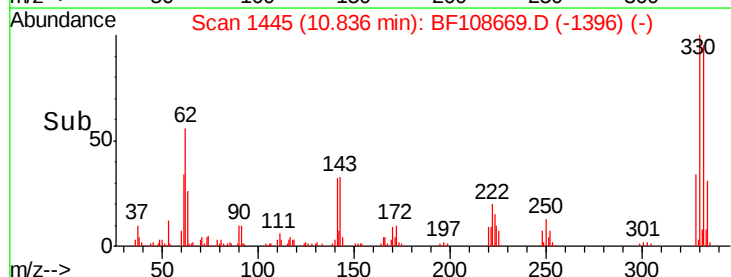


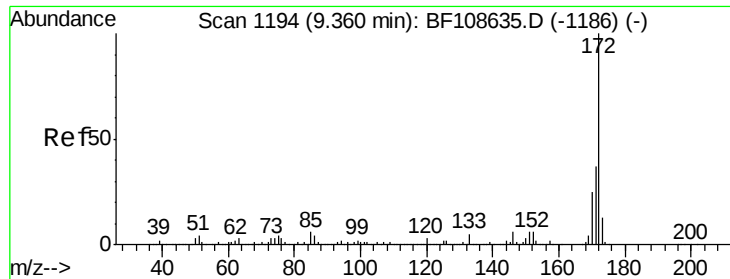
#41
2,4,6-Tribromophenol
Concen: 74.209 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108669.D
Acq: 31 Aug 2018 4:57

Tgt Ion:330 Resp: 152732
Ion Ratio Lower Upper
330 100
332 93.4 77.0 115.6
141 32.2 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

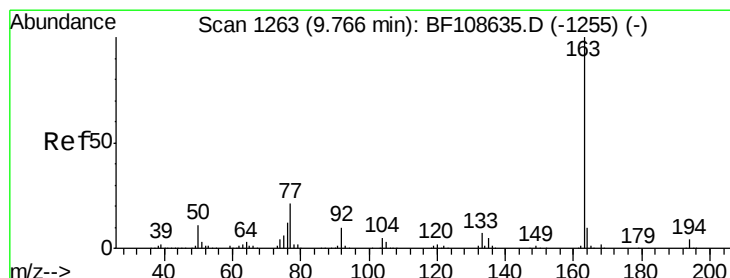
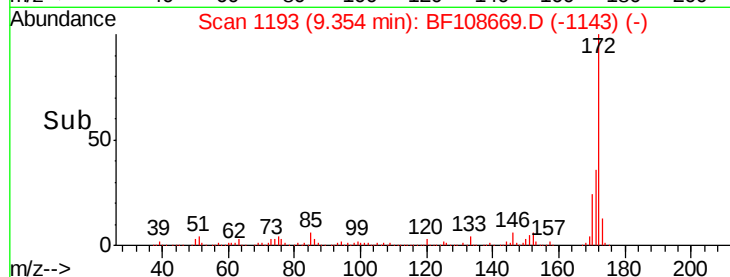
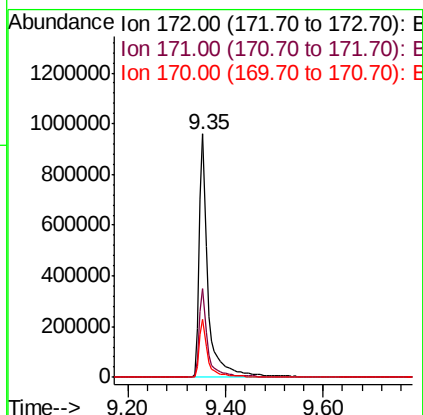
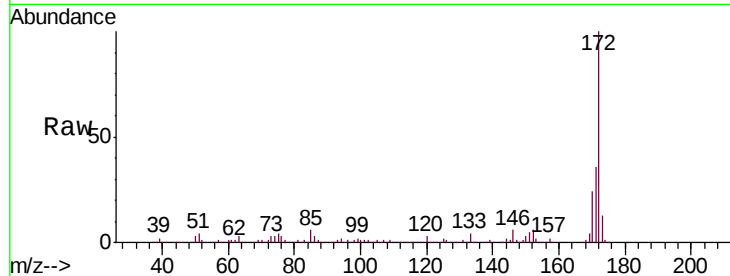




#44
2-Fluorobiphenyl
Concen: 104.897 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108669.D
Acq: 31 Aug 2018 4:57

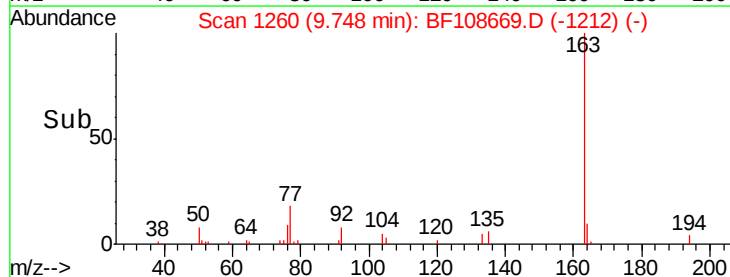
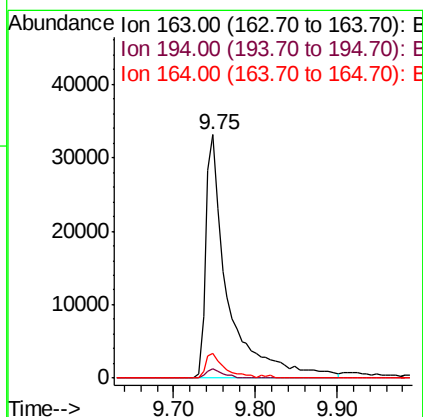
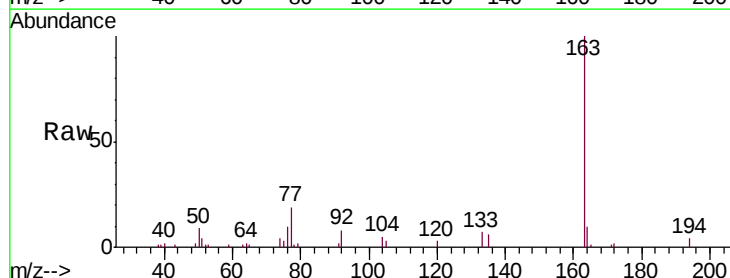
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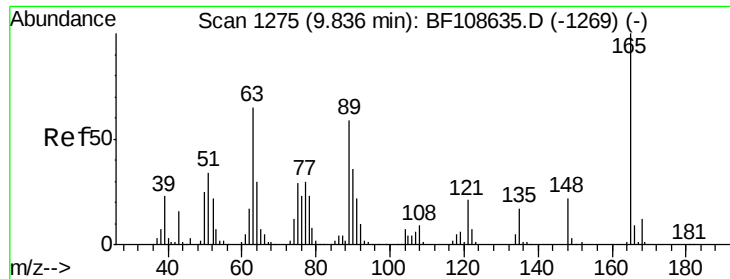
Tgt Ion:172 Resp: 1216281
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 5.060 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108669.D
Acq: 31 Aug 2018 4:57

Tgt Ion:163 Resp: 62120
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

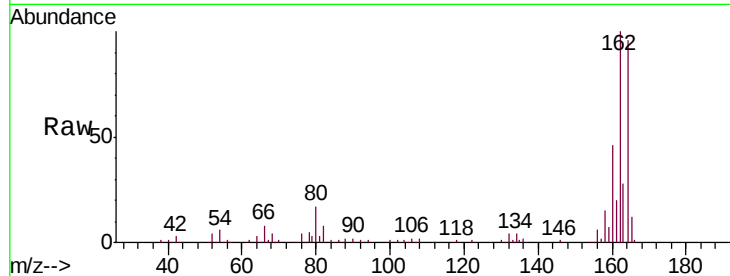




#50
 2,6-Dinitrotoluene
 Concen: 7.124 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-S

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

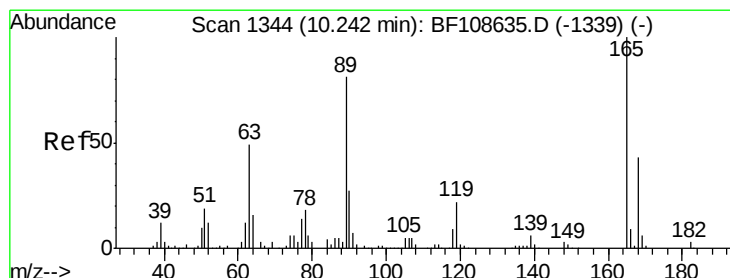
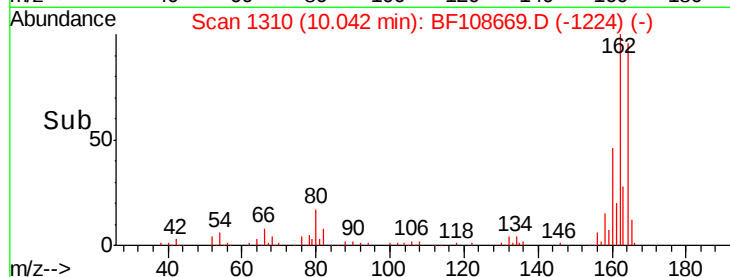
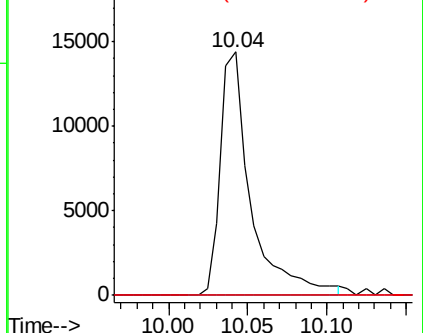


Abundance

Ion 165.00 (164.70 to 165.70): E

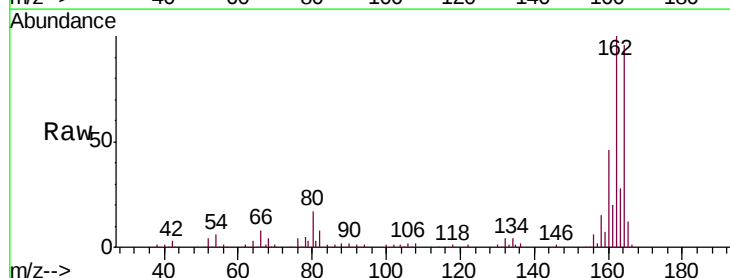
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 5.420 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

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#



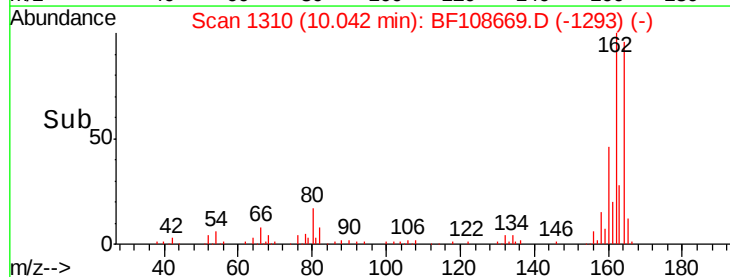
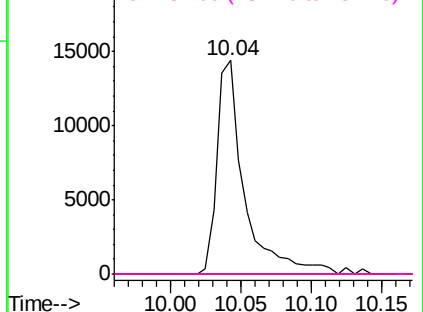
Abundance

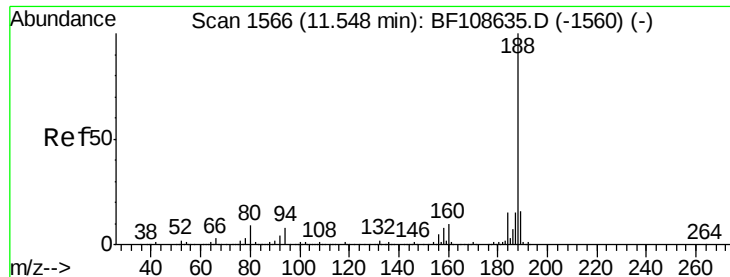
Ion 165.00 (164.70 to 165.70): E

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

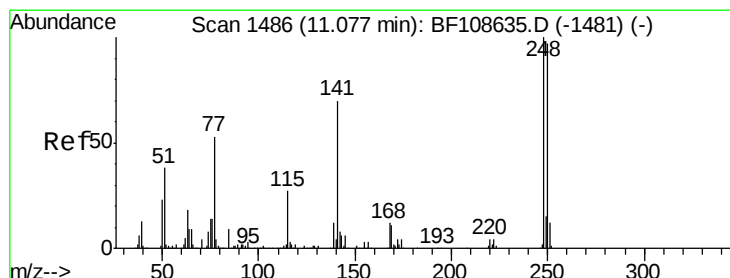
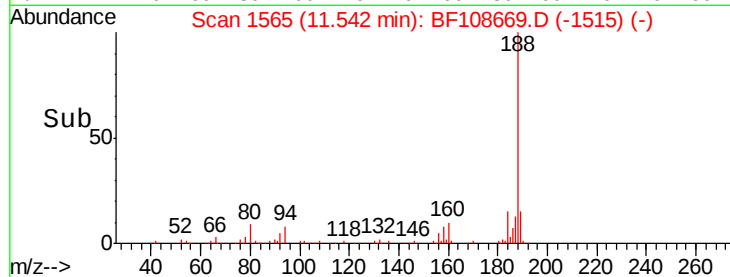
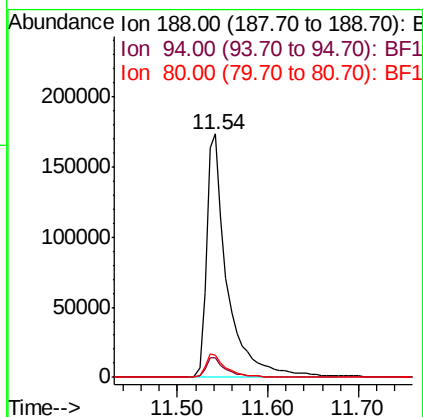
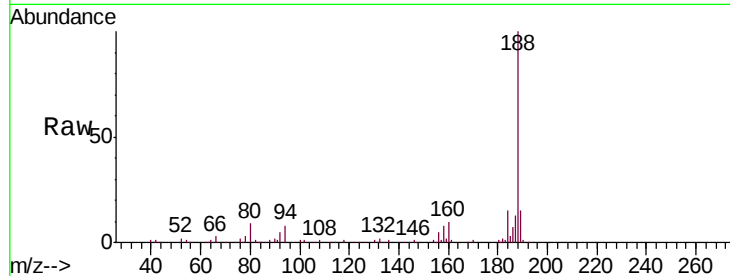




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

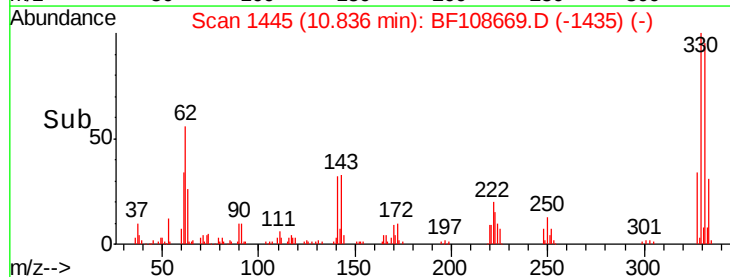
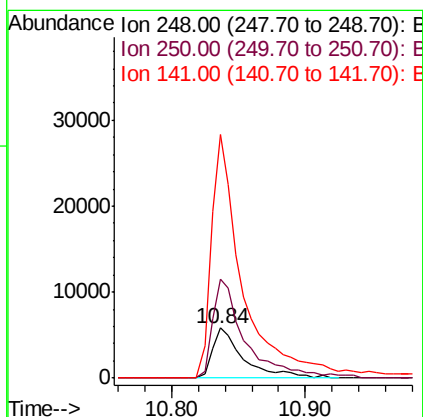
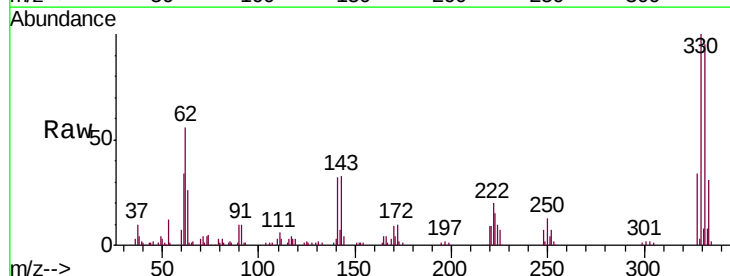
Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-S

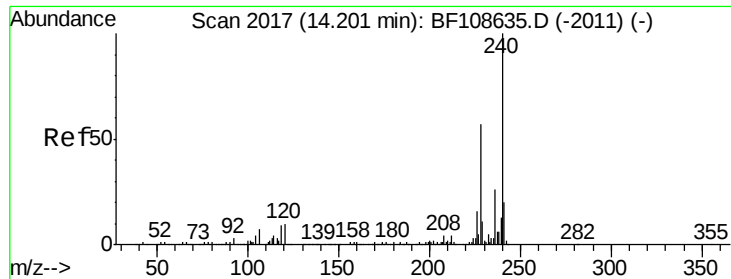
Tgt Ion:188 Resp: 276563
 Ion Ratio Lower Upper
 188 100
 94 7.9 8.5 12.7#
 80 9.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.807 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108669.D
 Acq: 31 Aug 2018 4:57

Tgt Ion:248 Resp: 9542
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.9 115.3#
 141 484.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108669.D

Acq: 31 Aug 2018 4:57

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-D-S

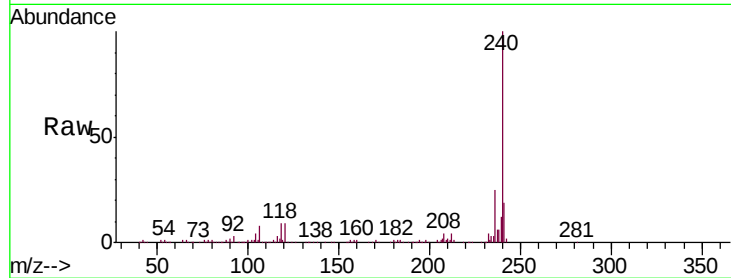
Tgt Ion:240 Resp: 291443

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

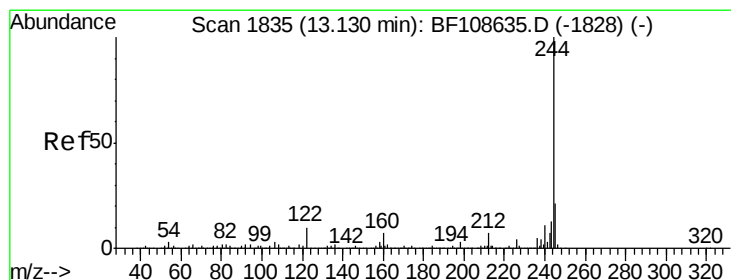
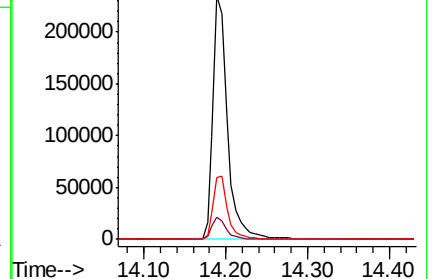
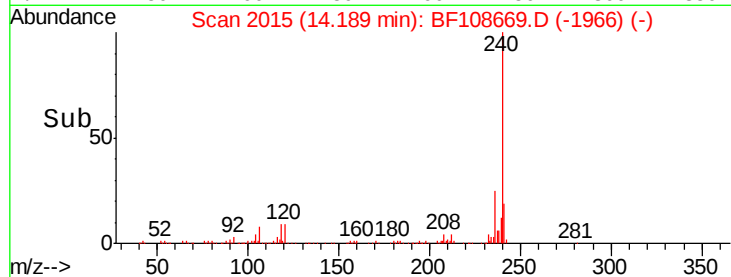
236 25.4 20.7 31.1



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: 70.632 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108669.D

Acq: 31 Aug 2018 4:57

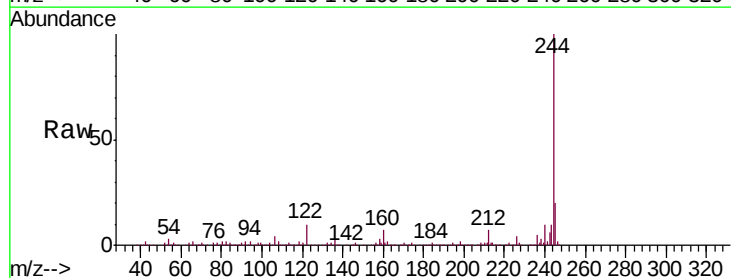
Tgt Ion:244 Resp: 1059474

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

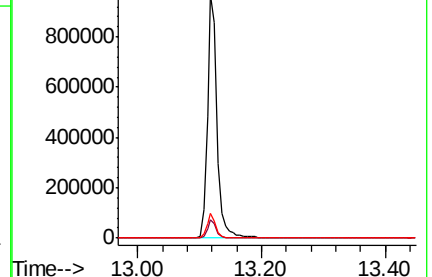
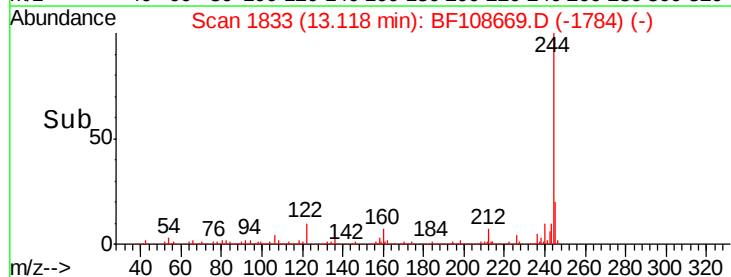
122 10.3 11.0 16.4#

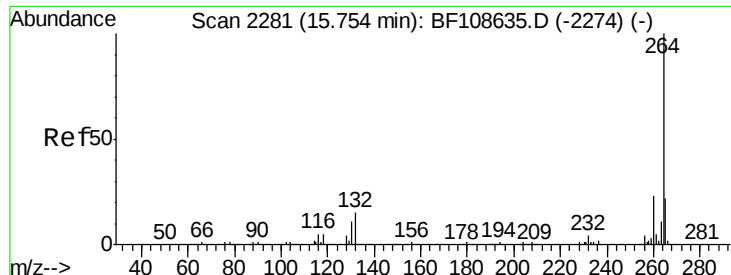


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108669.D
Acq: 31 Aug 2018 4:57

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-S

Tgt Ion:	264	Resp:	244179
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	19.8	17.5	26.3

