

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108671.D
 Acq On : 31 Aug 2018 5:51
 Operator : JU/SJ
 Sample : J4700-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-U-M

Quant Time: Aug 31 06:43:26 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

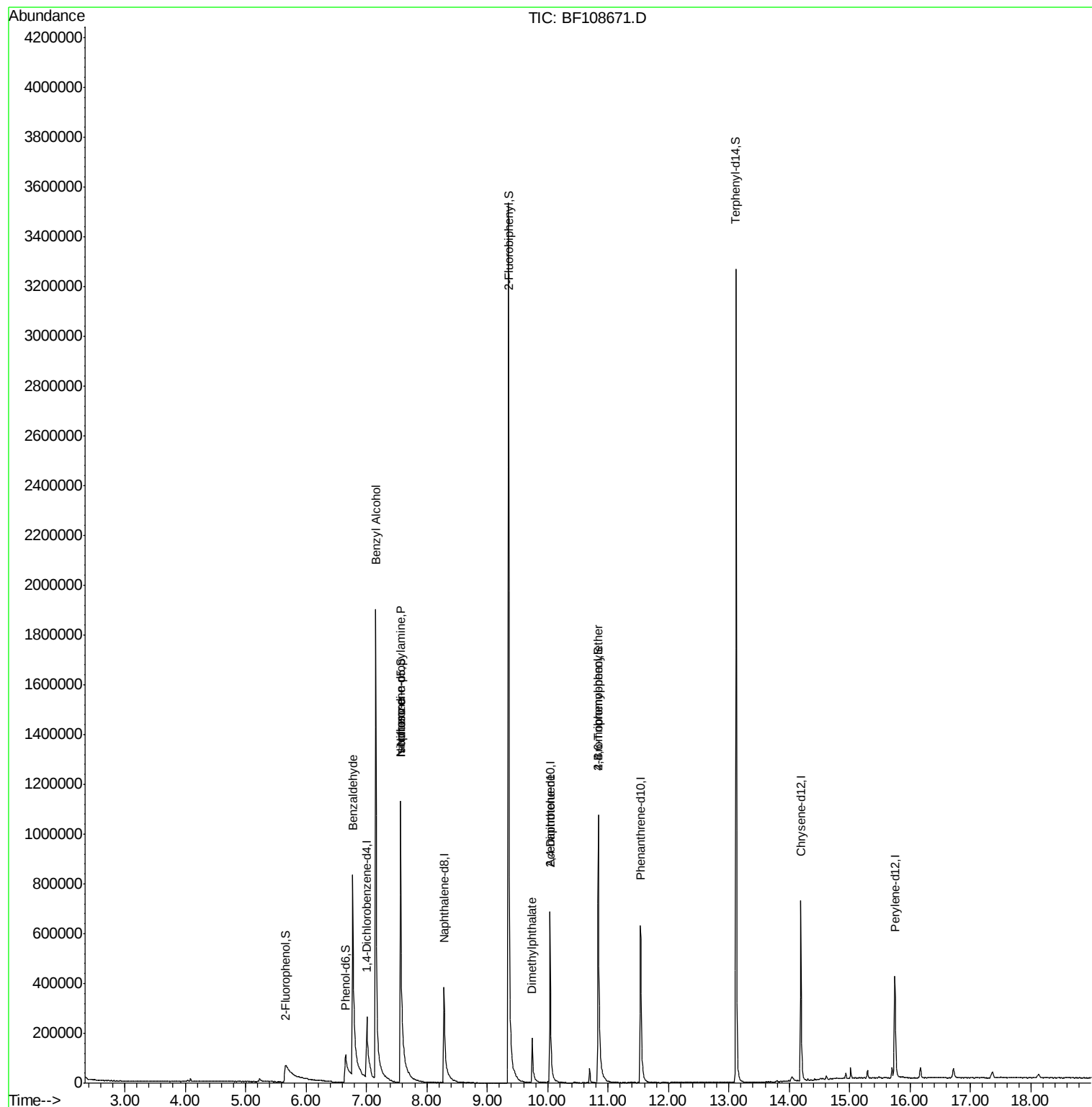
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	96411	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	406194	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	206996	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	396923	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	333070	20.00	ng	-0.01
86) Perylene-d12	15.75	264	274909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	108612	19.57	ng	0.02
7) Phenol-d6	6.65	99	172321	21.68	ng	0.00
23) Nitrobenzene-d5	7.57	82	751262	93.88	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	209783	76.77	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1500030	97.44	ng	0.00
78) Terphenyl-d14	13.12	244	1370167	79.93	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.77	77	10368	2.110	ng	# 74
15) Benzyl Alcohol	7.15	79	11568	2.023	ng	# 43
19) n-Nitroso-di-n-propylamine	7.57	70	92471	17.372	ng	# 84
25) Isophorone	7.57	82	764890	57.539	ng	# 64
49) Dimethylphthalate	9.74	163	136571	8.379	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	24956	5.246	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	13389	2.745	ng	# 1

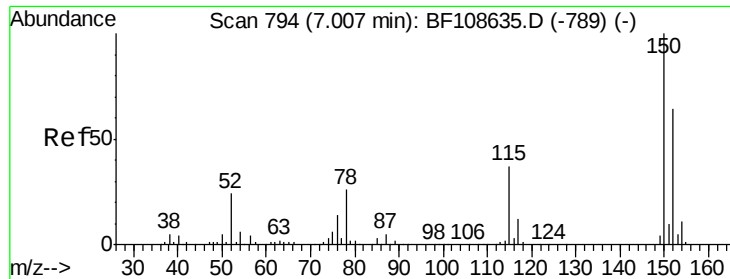
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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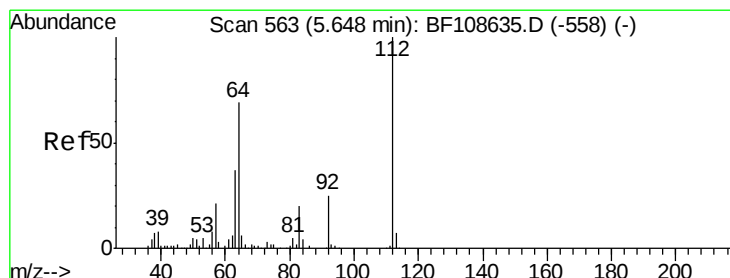
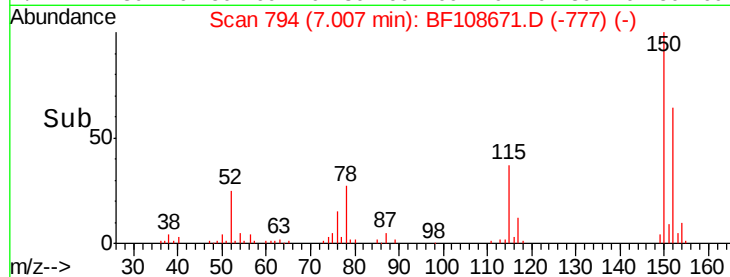
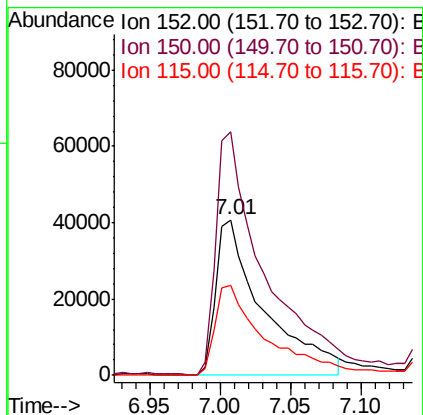
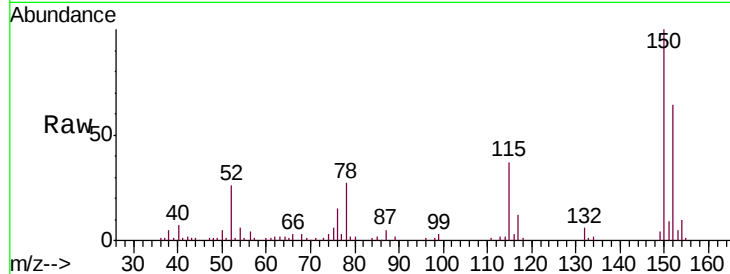


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-U-M

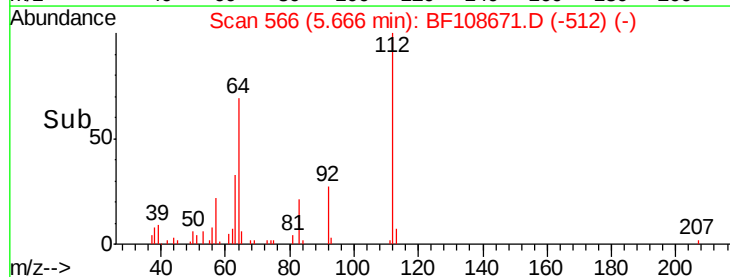
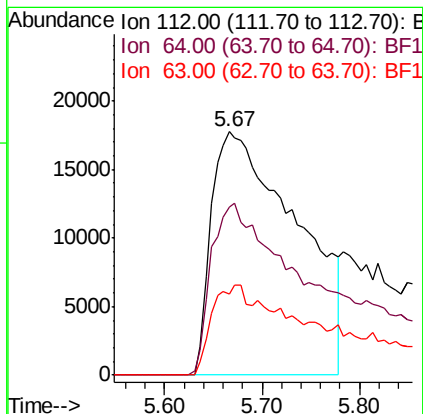
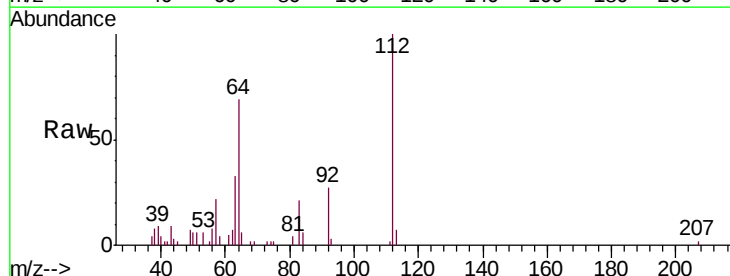
Tgt Ion:152 Resp: 96411
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.6 50.1 75.1

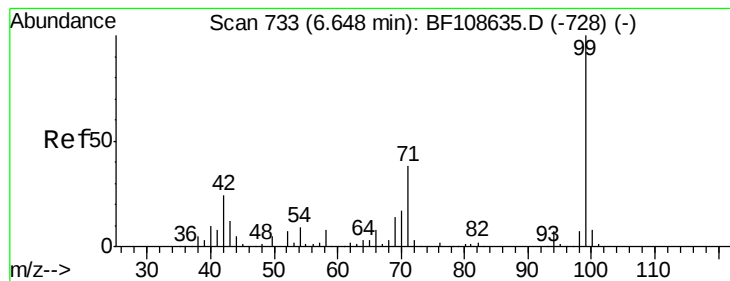


#5

2-Fluorophenol
Concen: 19.571 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

Tgt Ion:112 Resp: 108612
Ion Ratio Lower Upper
112 100
64 69.1 47.9 71.9
63 33.3 23.7 35.5





#7

Phenol-d6

Concen: 21.679 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108671.D

Acq: 31 Aug 2018 5:51

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-M

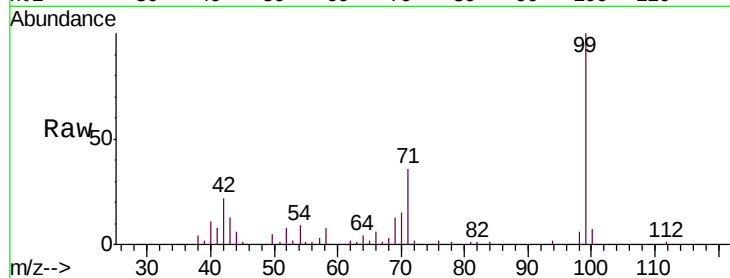
Tgt Ion: 99 Resp: 172321

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

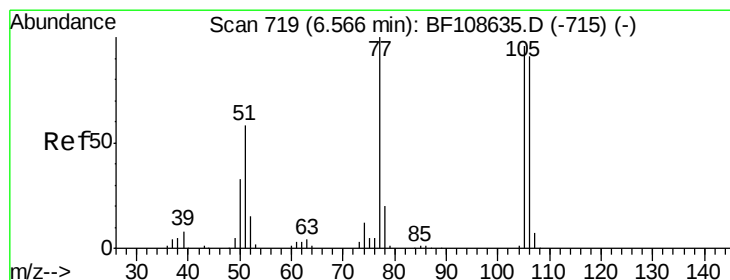
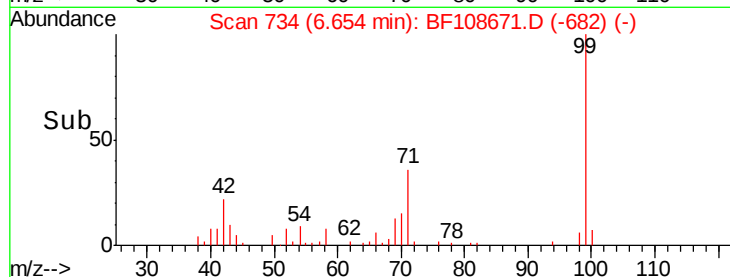
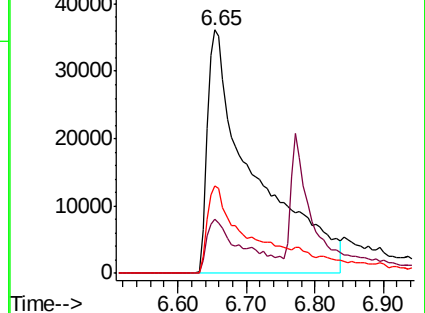
71 36.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.110 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108671.D

Acq: 31 Aug 2018 5:51

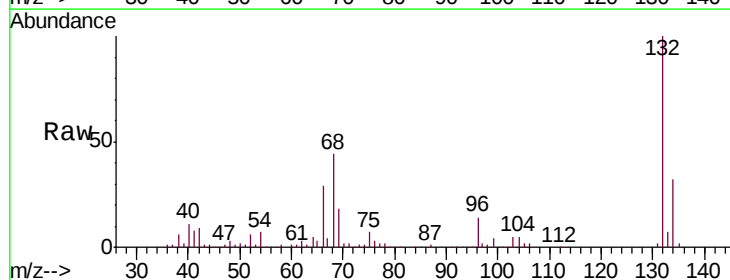
Tgt Ion: 77 Resp: 10368

Ion Ratio Lower Upper

77 100

105 77.9 81.1 121.1#

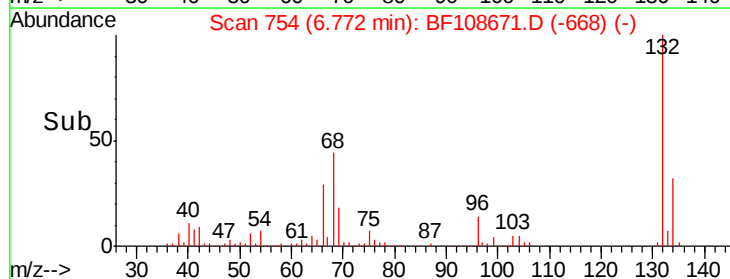
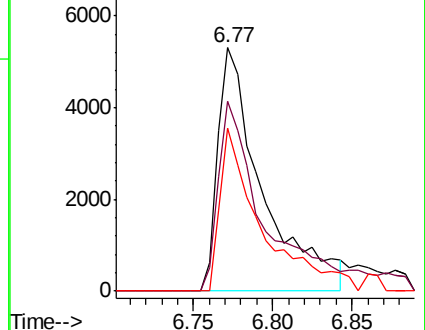
106 67.2 74.5 114.5#

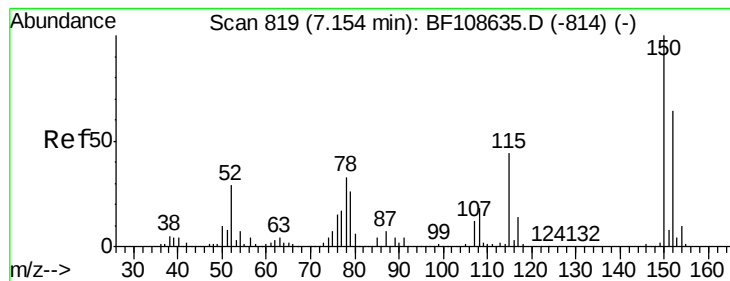


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.023 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF108671.D

Acq: 31 Aug 2018 5:51

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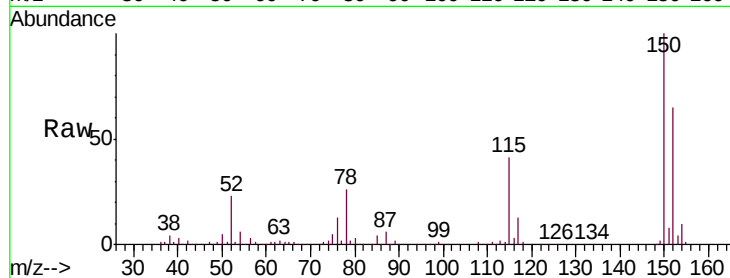
Tgt Ion: 79 Resp: 11568

Ion Ratio Lower Upper

79 100

108 30.7 65.1 97.7#

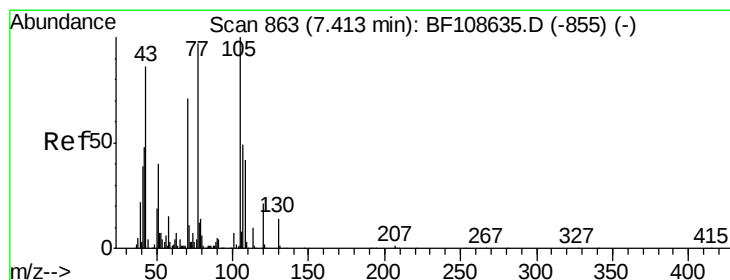
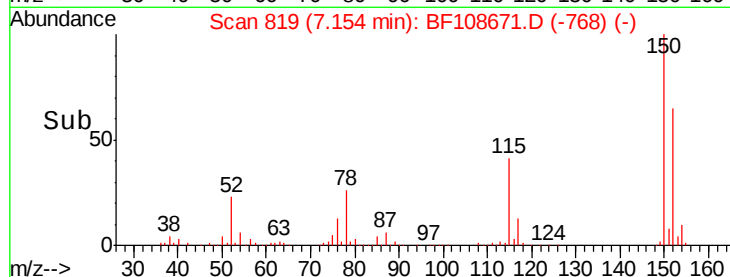
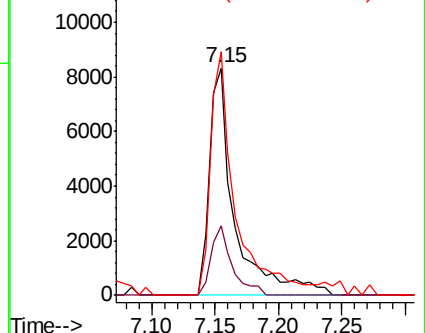
77 107.3 50.6 75.8#



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: 17.372 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108671.D

Acq: 31 Aug 2018 5:51

Tgt Ion: 70 Resp: 92471

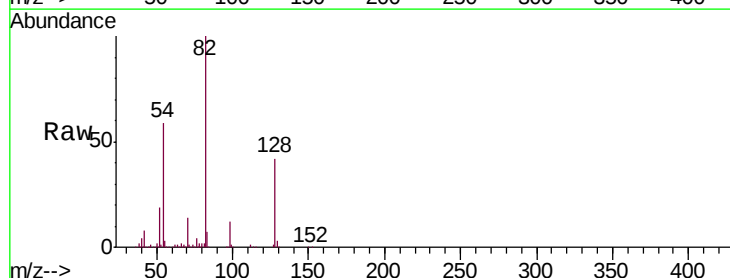
Ion Ratio Lower Upper

70 100

42 55.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

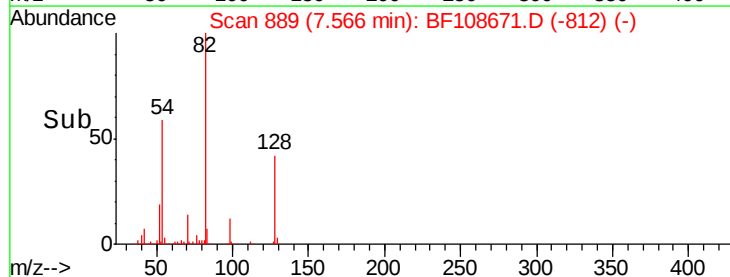
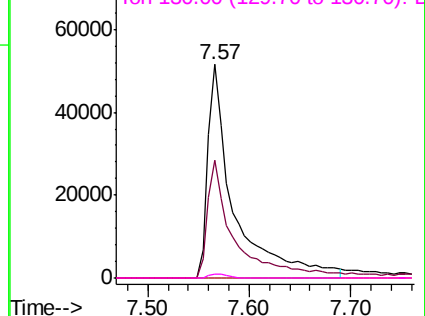


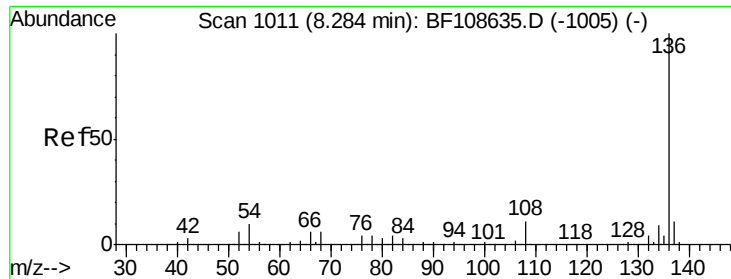
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

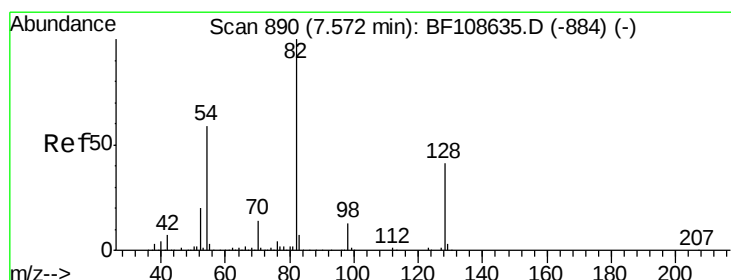
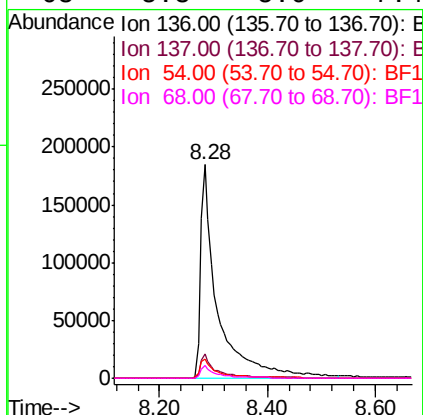
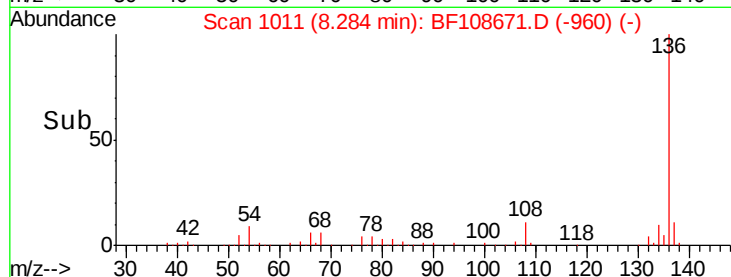
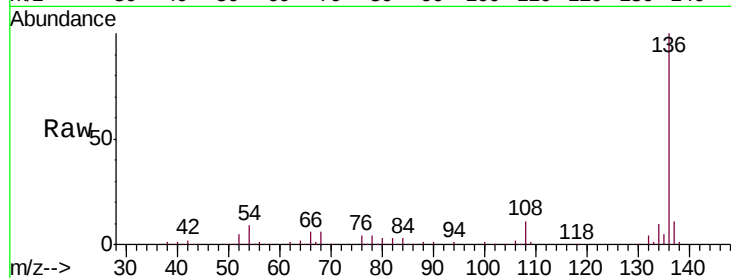




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

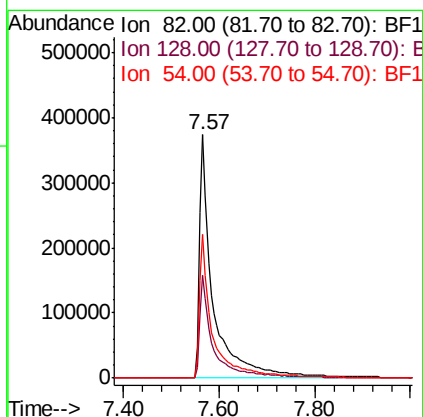
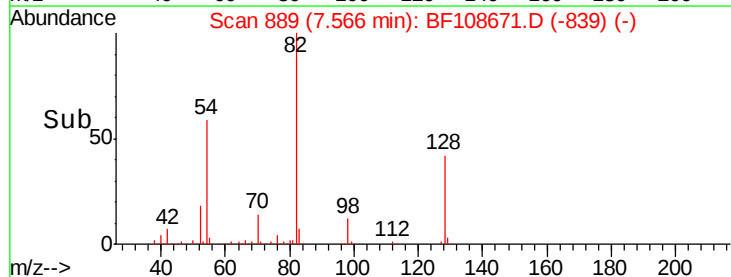
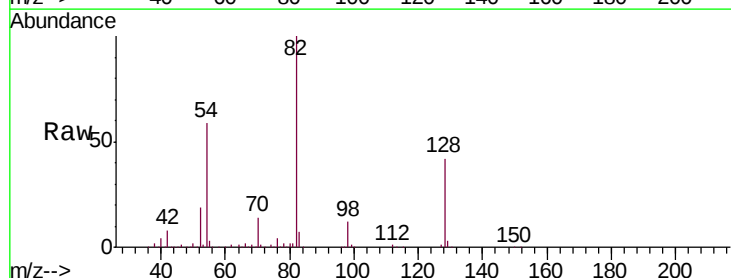
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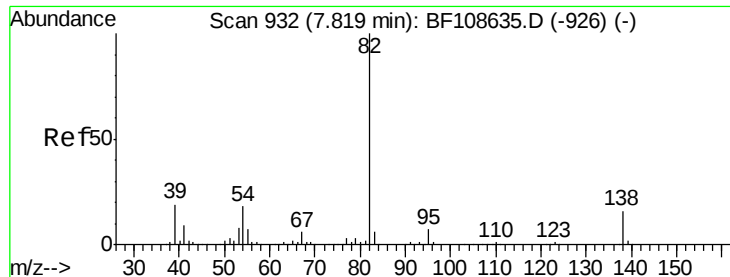
Tgt Ion:	136	Resp:	406194
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 93.879 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

Tgt Ion:	82	Resp:	751262
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	59.2	41.4	62.2

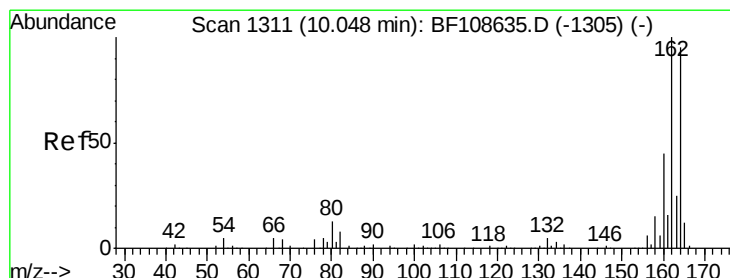
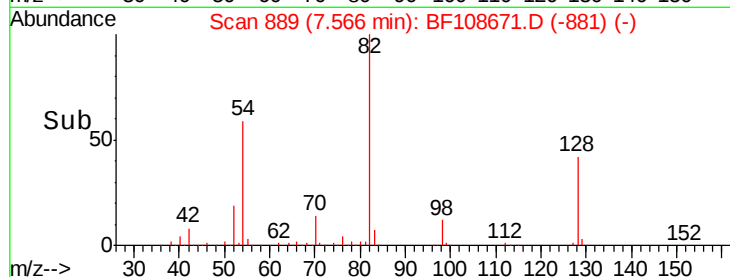
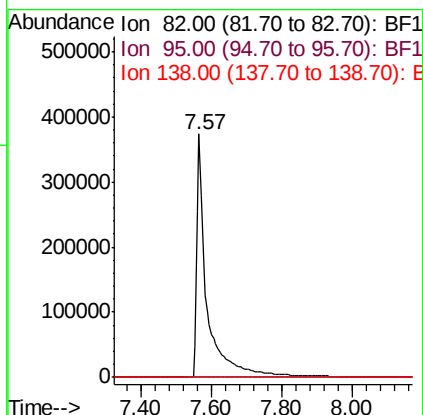
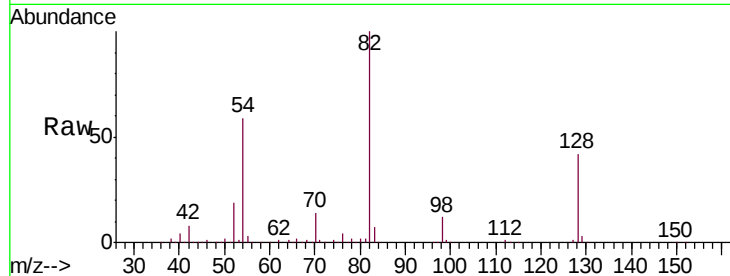




#25
Isophorone
Concen: 57.539 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

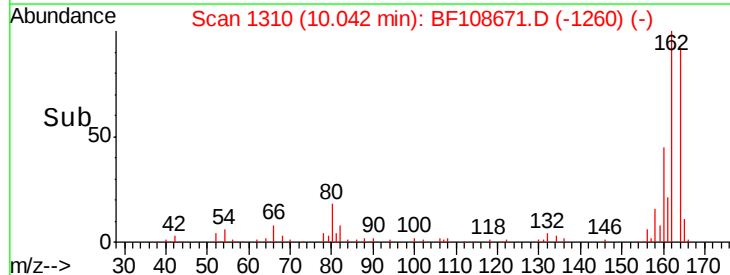
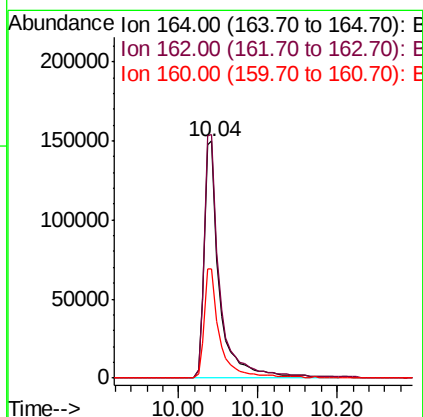
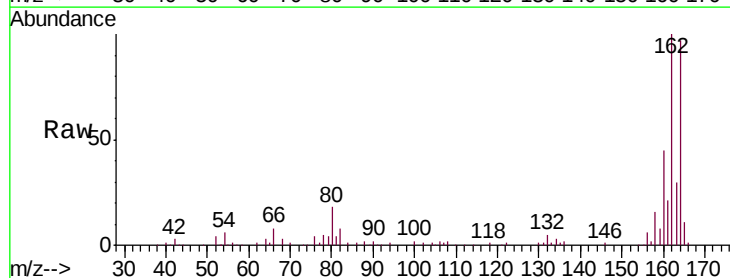
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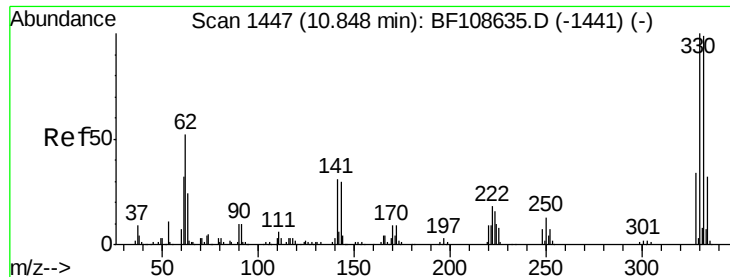
Tgt Ion: 82 Resp: 764890
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

Tgt Ion: 164 Resp: 206996
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 46.4 38.3 57.5

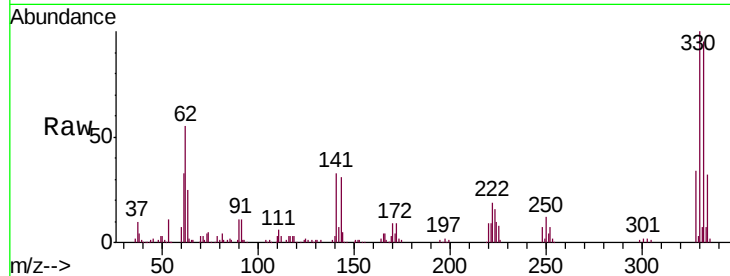




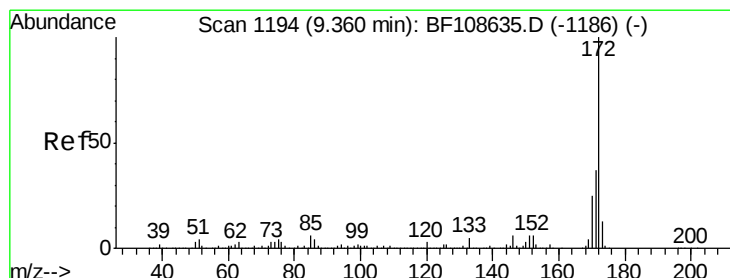
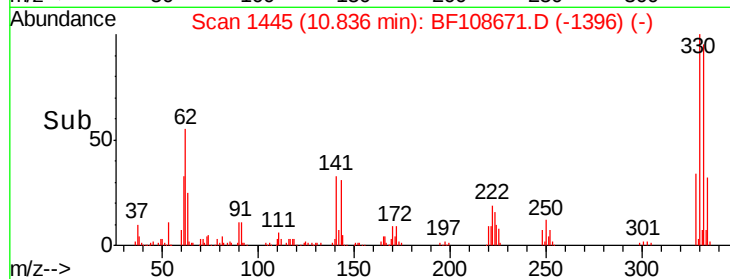
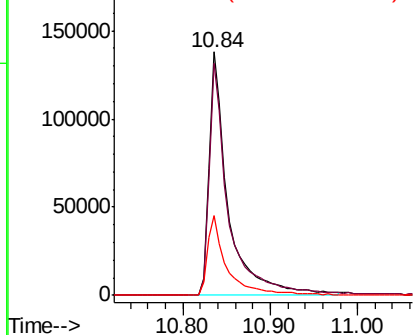
#41
 2,4,6-Tribromophenol
 Concen: 76.770 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108671.D
 Acq: 31 Aug 2018 5:51

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Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	33.8	29.9	44.9

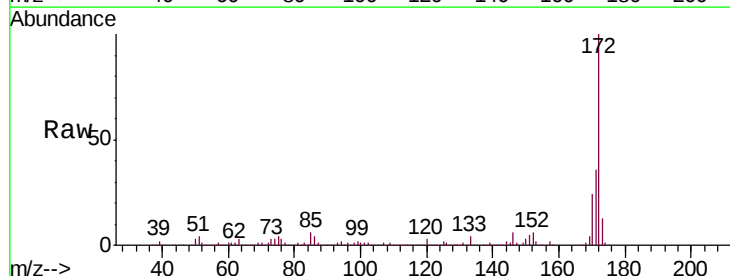


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

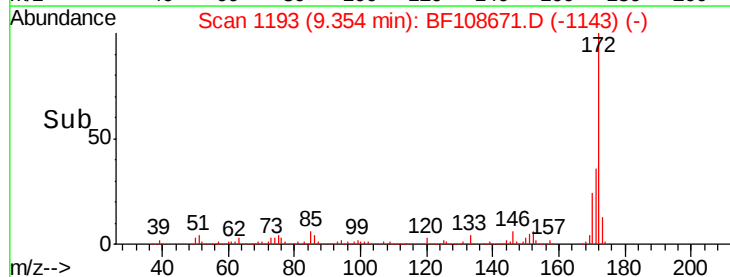
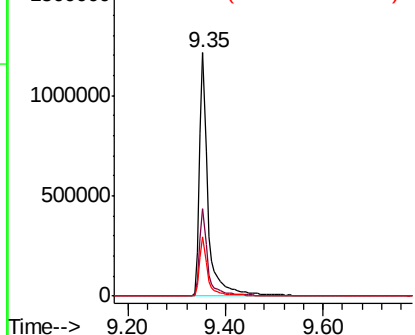


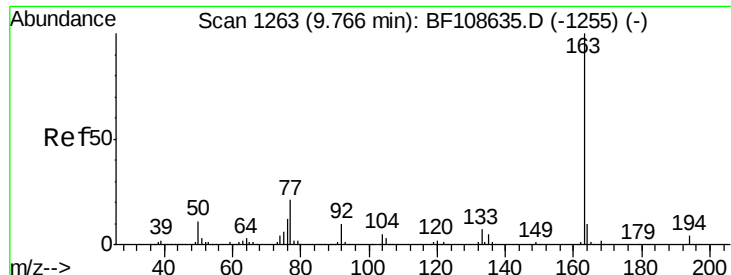
#44
 2-Fluorobiphenyl
 Concen: 97.437 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108671.D
 Acq: 31 Aug 2018 5:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

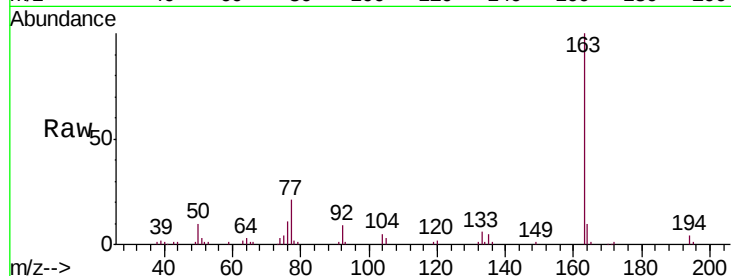




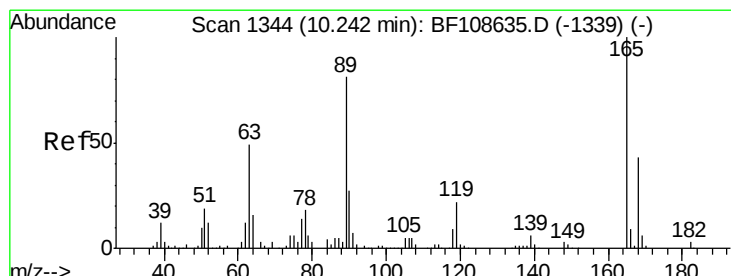
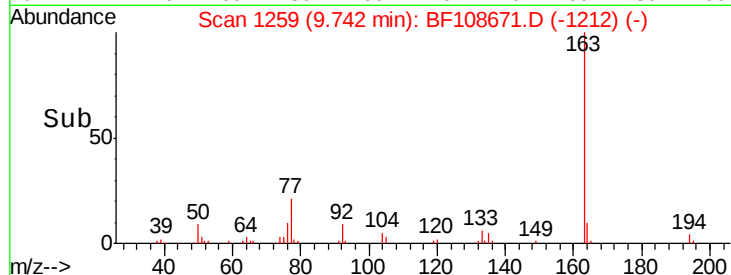
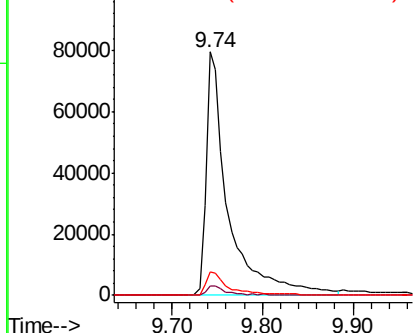
#49
 Dimethylphthalate
 Concen: 8.379 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108671.D
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 082818-DBRI-F-U-M

Tgt Ion:163 Resp: 136571
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.7 8.2 12.2

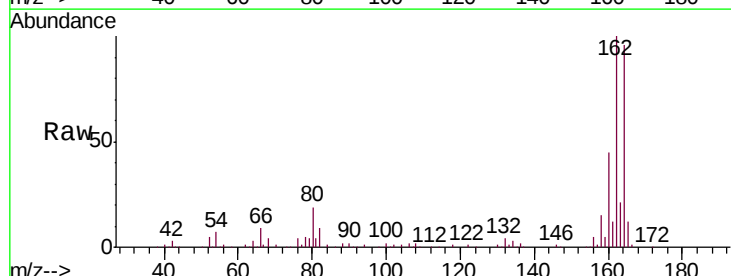


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

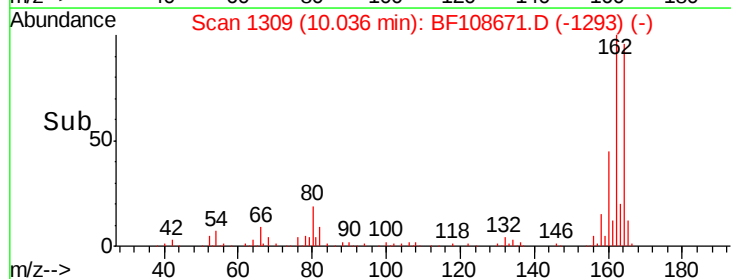
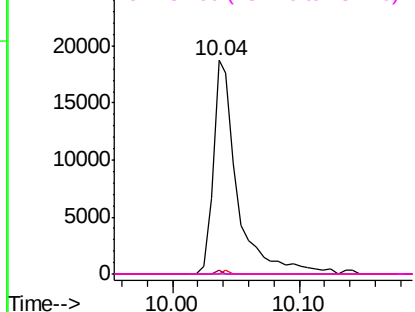


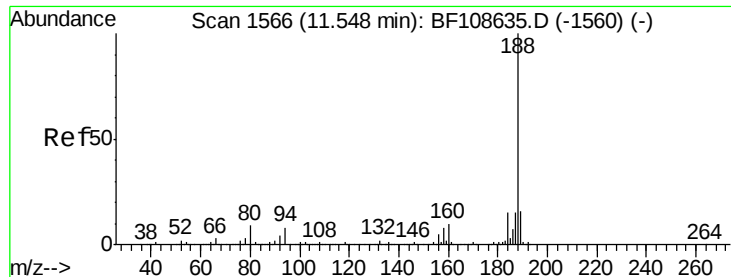
#56
 2,4-Dinitrotoluene
 Concen: 5.246 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108671.D
 Acq: 31 Aug 2018 5:51

Tgt Ion:165 Resp: 24956
 Ion Ratio Lower Upper
 165 100
 63 2.0 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

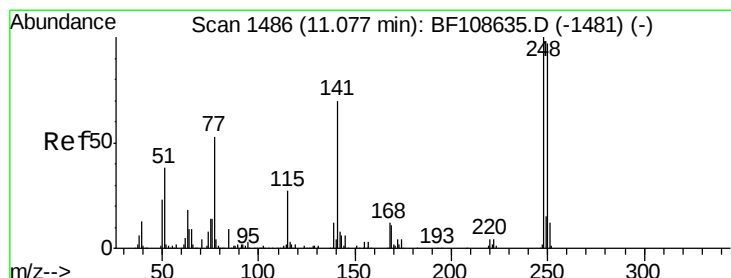
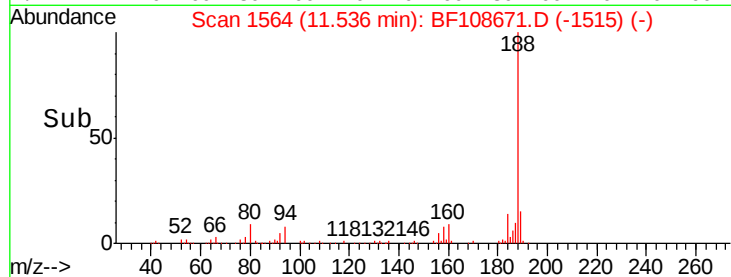
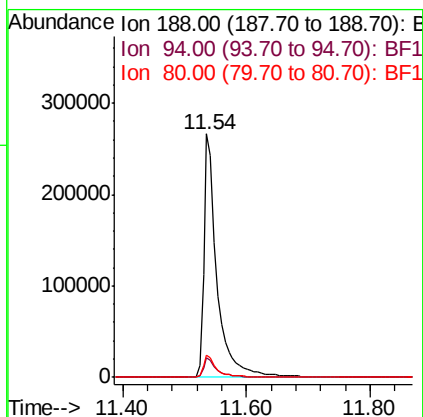
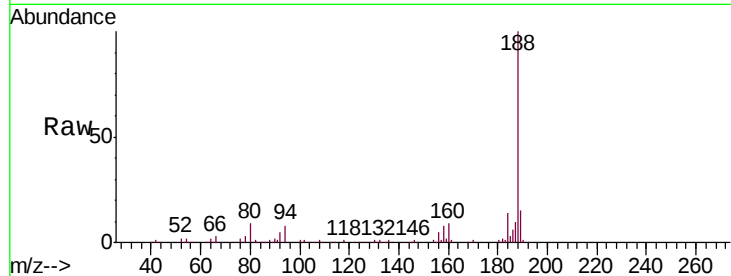




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

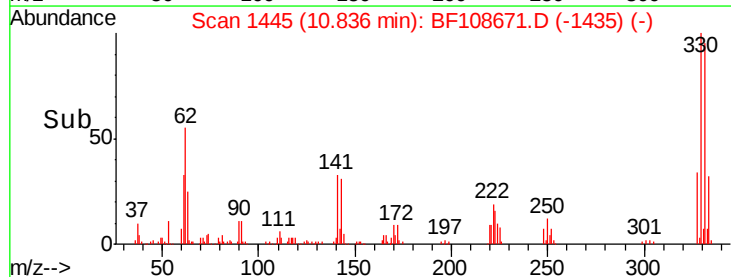
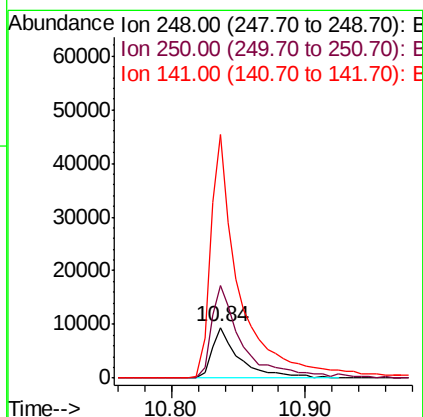
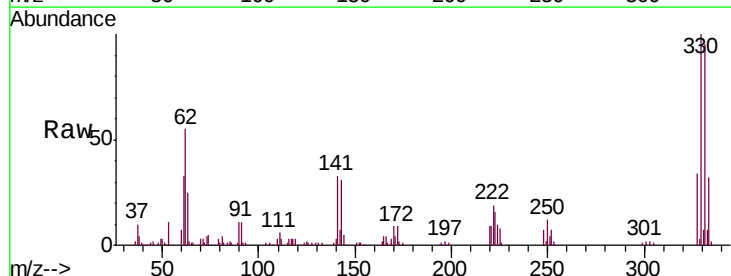
Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-U-M

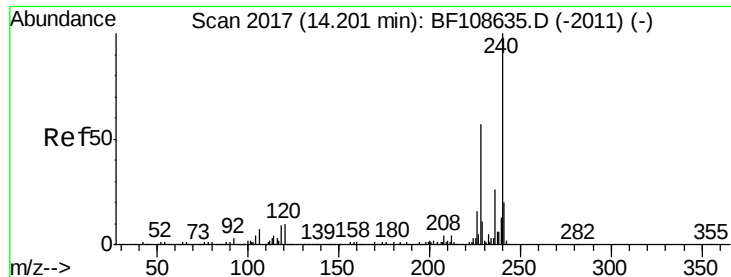
Tgt Ion:188 Resp: 396923
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.745 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

Tgt Ion:248 Resp: 13389
Ion Ratio Lower Upper
248 100
250 181.1 76.9 115.3#
141 478.4 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: BF108671.D

Acq: 31 Aug 2018 5:51

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-M

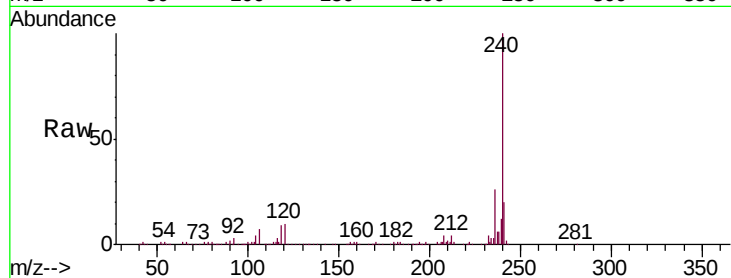
Tgt Ion:240 Resp: 333070

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

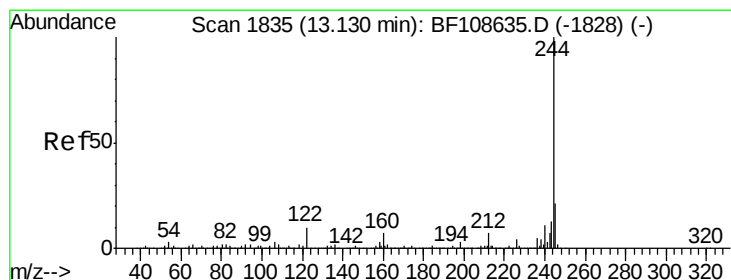
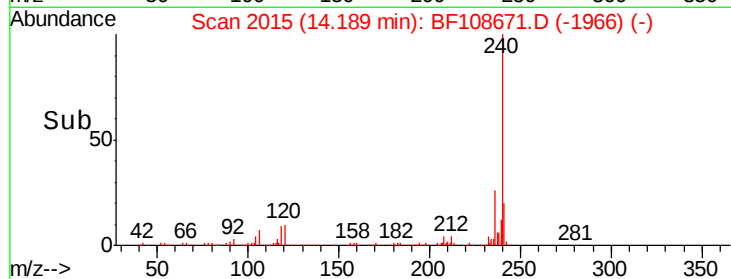
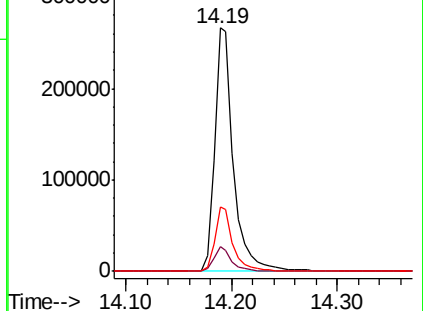
236 26.5 20.7 31.1



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: 79.928 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108671.D

Acq: 31 Aug 2018 5:51

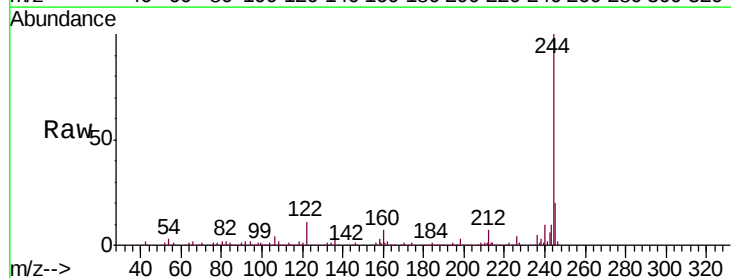
Tgt Ion:244 Resp: 1370167

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

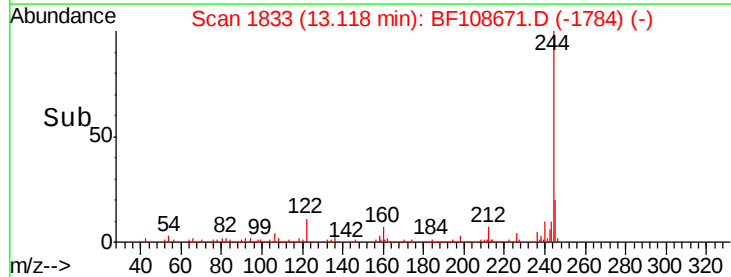
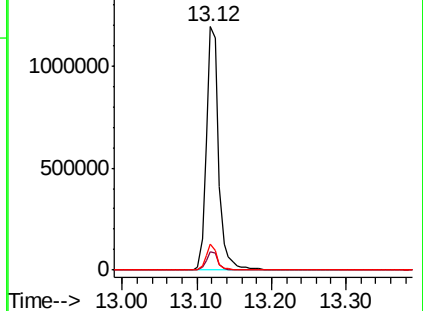
122 10.6 11.0 16.4#

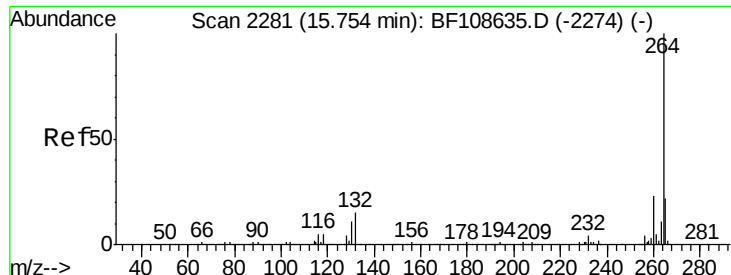


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108671.D
Acq: 31 Aug 2018 5:51

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-U-M

Tgt Ion:	264	Resp:	274909
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3

