

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108623.D
 Acq On : 30 Aug 2018 00:42
 Operator : JU/SJ
 Sample : J4683-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-DBRI-F-U-S

Quant Time: Aug 30 02:35:11 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 22 11:01:45 2018
 Response via : Initial Calibration

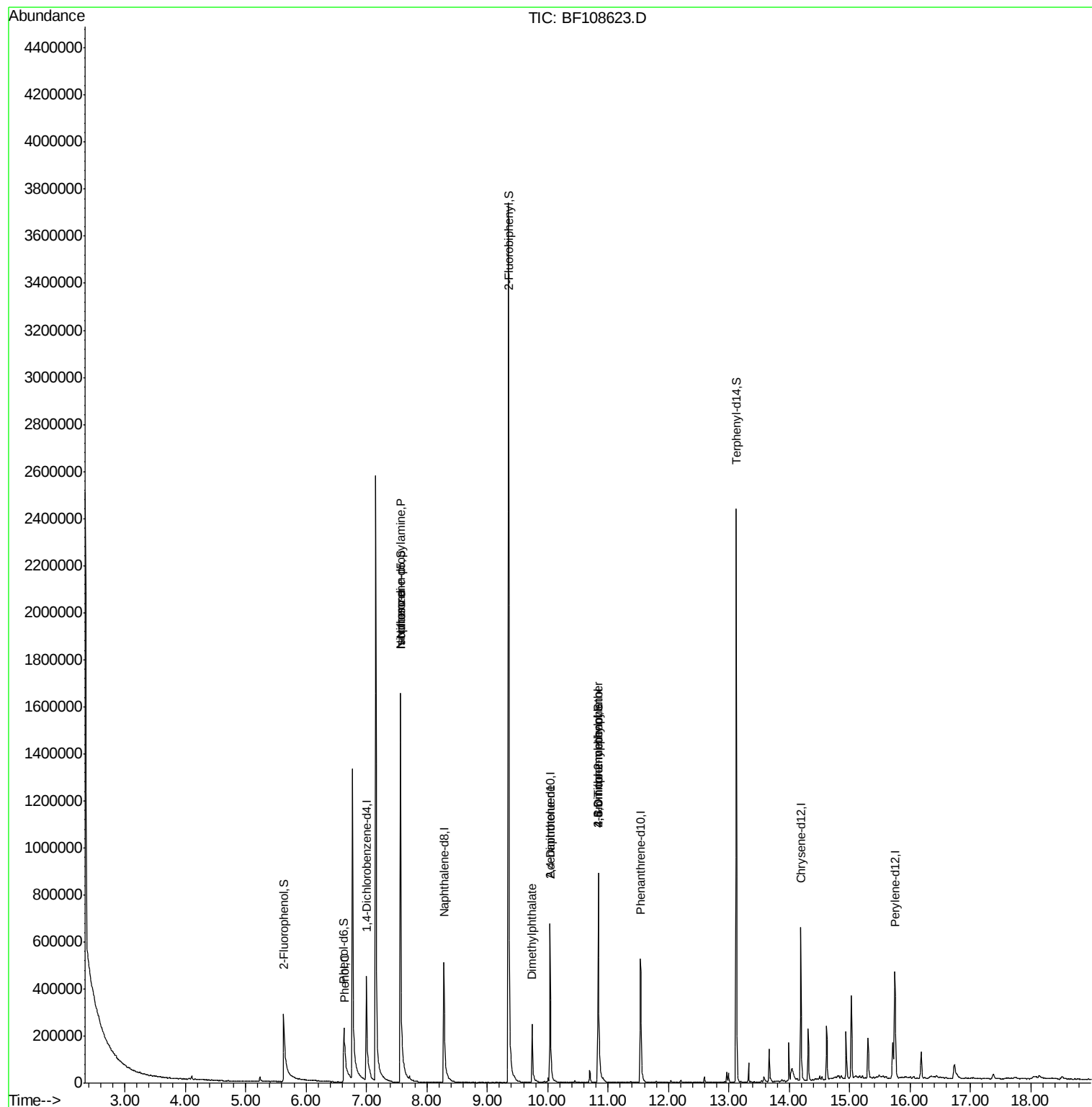
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112216	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	407073	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	167637	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	271827	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	259955	20.00	ng	-0.01
86) Perylene-d12	15.75	264	257449	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	216848	34.99	ng	0.00
7) Phenol-d6	6.62	99	215623	26.18	ng	0.00
23) Nitrobenzene-d5	7.57	82	786986	107.88	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	154689	92.51	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1344950	128.81	ng	-0.01
78) Terphenyl-d14	13.12	244	954432	93.35	ng	0.00
Target Compounds						
10) Phenol	6.65	94	19965	2.343	ng	# 54
19) n-Nitroso-di-n-propylamine	7.57	70	101019	18.137	ng	# 82
25) Isophorone	7.57	82	788406	56.701	ng	# 64
49) Dimethylphthalate	9.74	163	147448	12.627	ng	100
56) 2,4-Dinitrotoluene	10.04	165	21452	6.821	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.83	198	107	5.452	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10007	3.388	ng	# 1

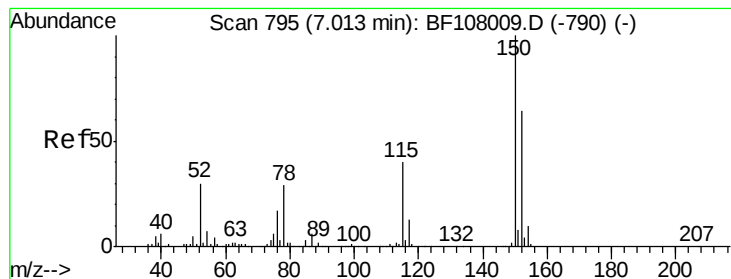
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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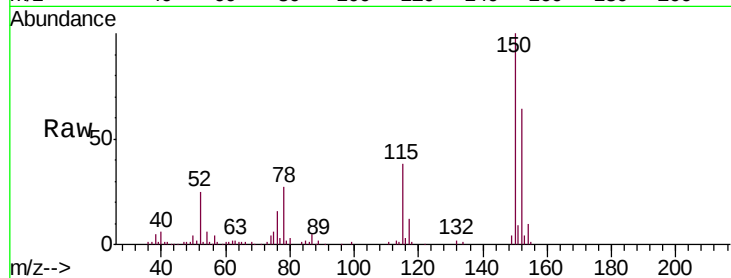


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108623.D
Acq: 30 Aug 2018 00:42

Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-U-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	59.5	50.1	75.1

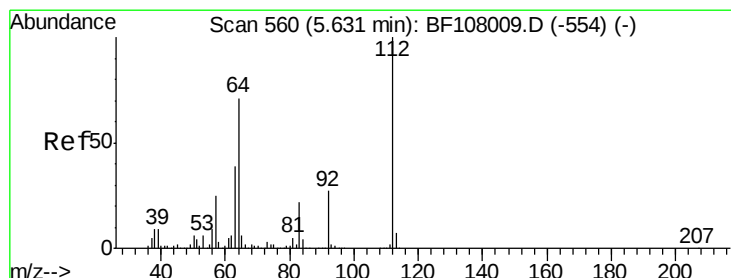
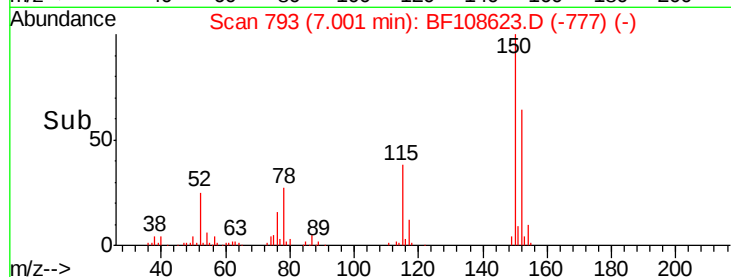
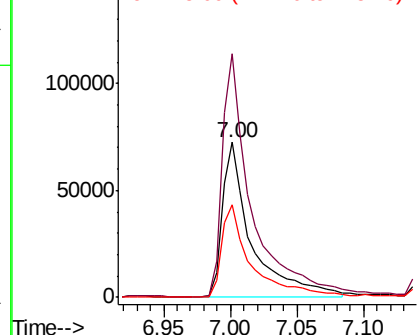


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

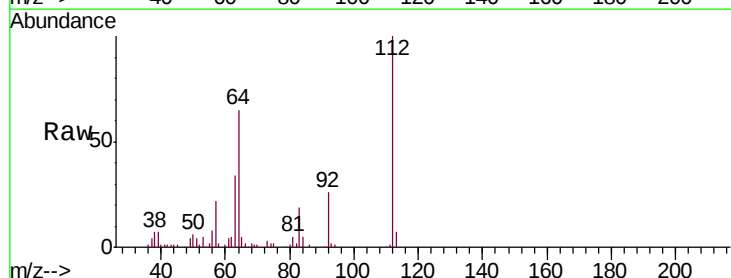
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.986 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108623.D
Acq: 30 Aug 2018 00:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	33.7	23.7	35.5

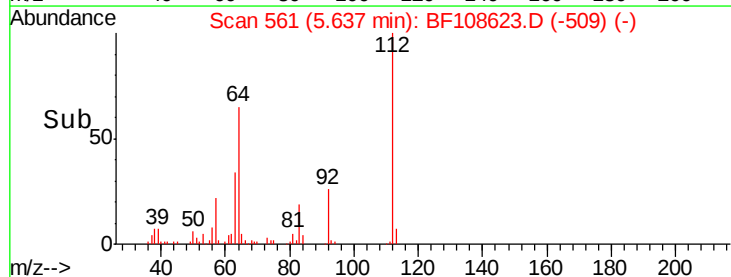
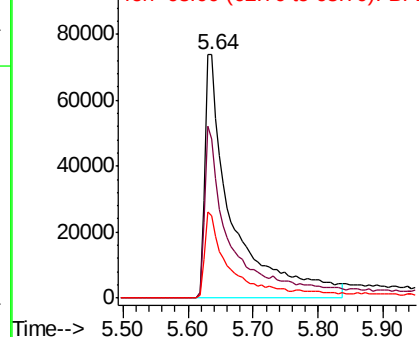


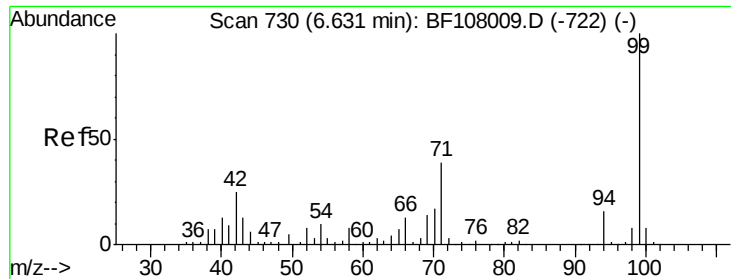
Abundance

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: 26.179 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108623.D

Acq: 30 Aug 2018 00:42

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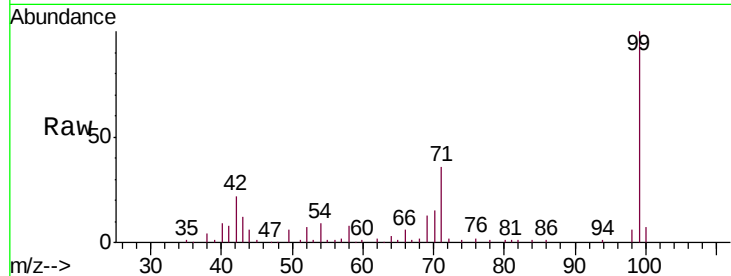
Tgt Ion: 99 Resp: 215623

Ion Ratio Lower Upper

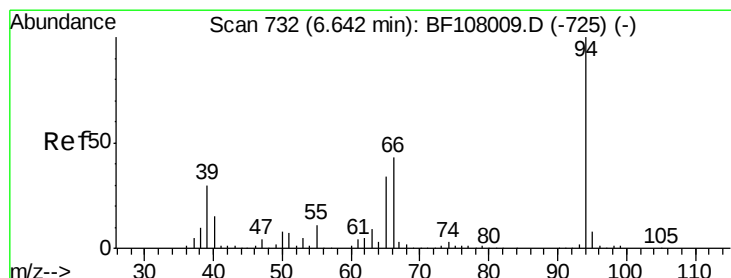
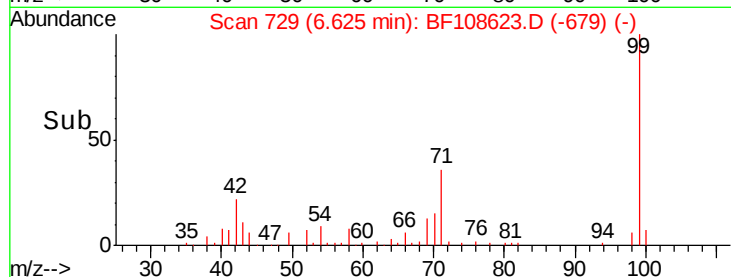
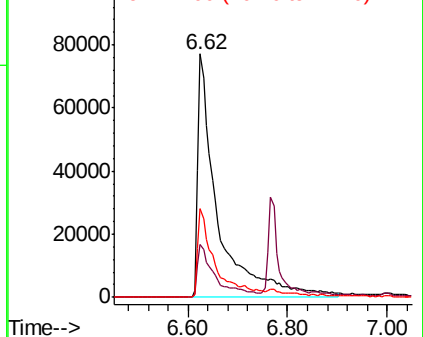
99 100

42 22.0 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



#10

Phenol

Concen: 2.343 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108623.D

Acq: 30 Aug 2018 00:42

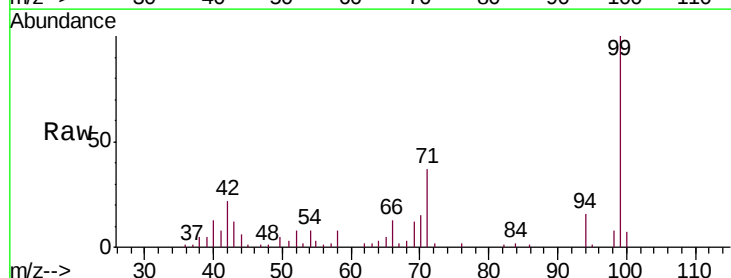
Tgt Ion: 94 Resp: 19965

Ion Ratio Lower Upper

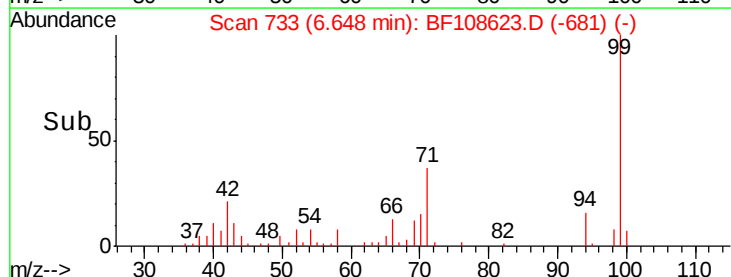
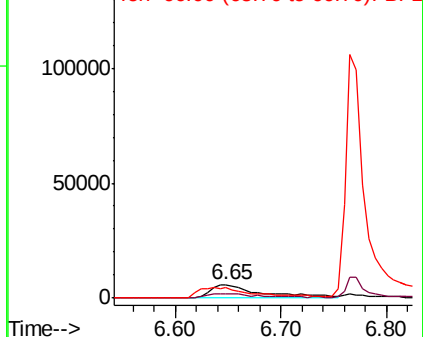
94 100

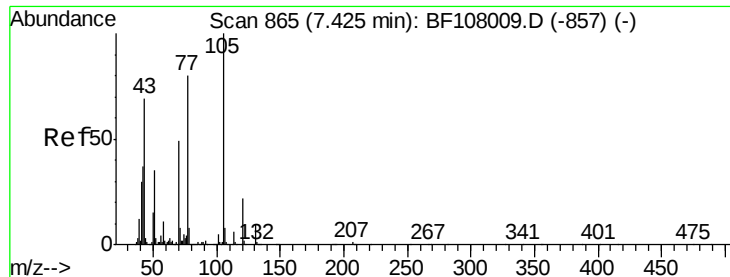
65 33.6 7.9 47.9

66 79.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

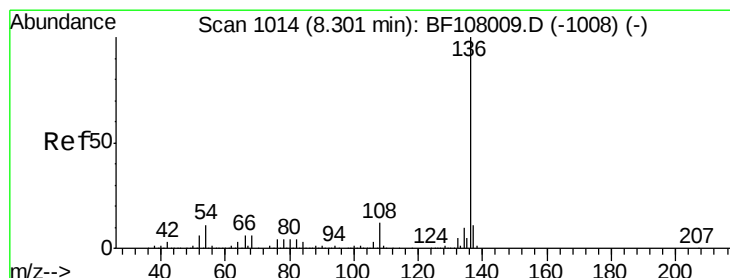
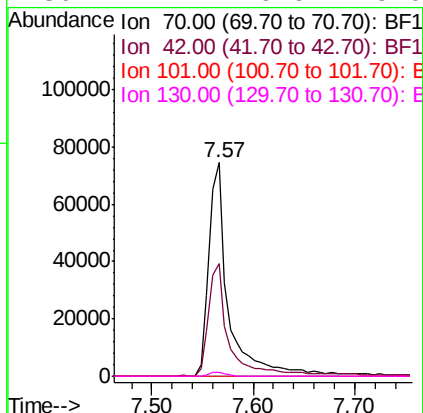
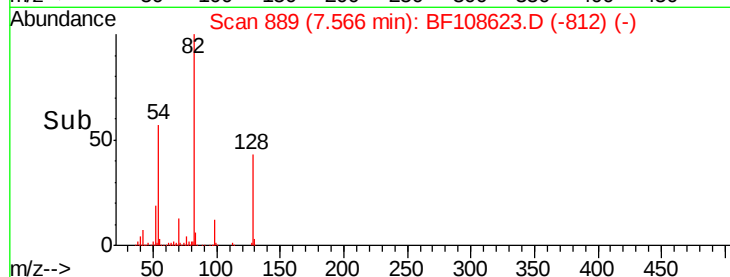
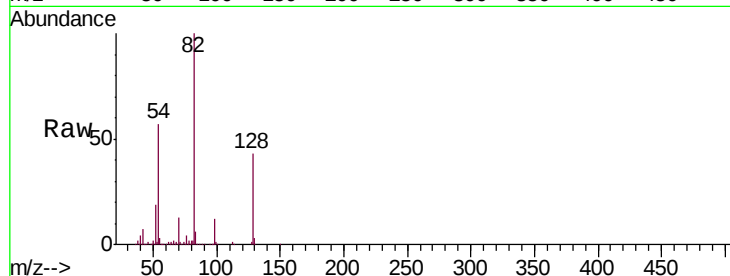




#19
n-Nitroso-di-n-propylamine
Concen: 18.137 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108623.D
Acq: 30 Aug 2018 00:42

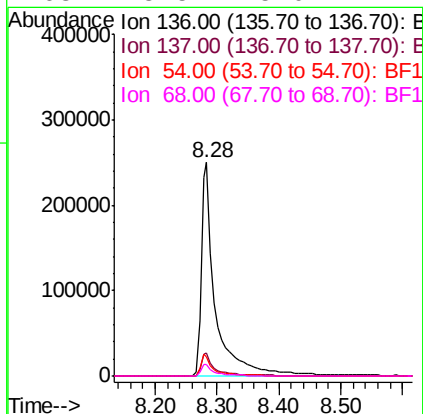
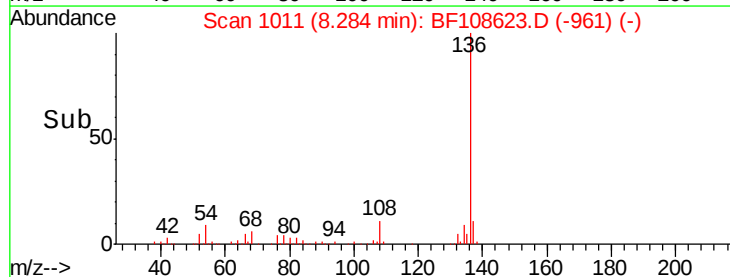
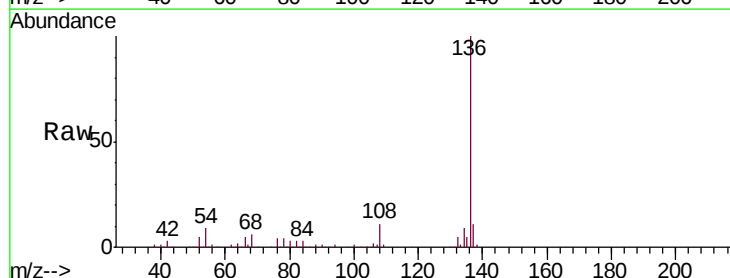
Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-U-S

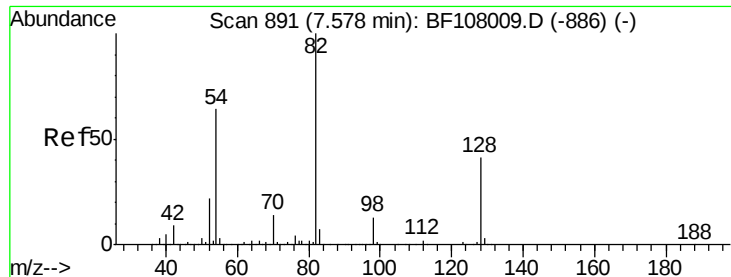
Tgt Ion: 70 Resp: 101019
Ion Ratio Lower Upper
70 100
42 52.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108623.D
Acq: 30 Aug 2018 00:42

Tgt Ion: 136 Resp: 407073
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.8 6.6 9.8
68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 107.880 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108623.D

Acq: 30 Aug 2018 00:42

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-S

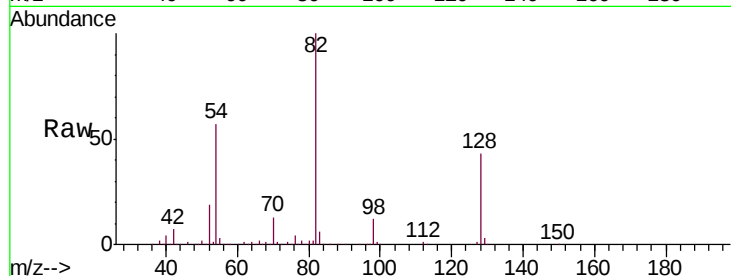
Tgt Ion: 82 Resp: 786986

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

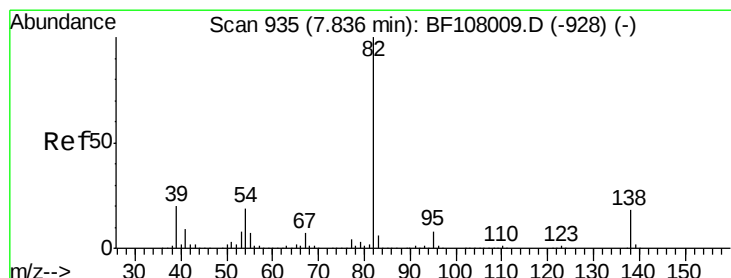
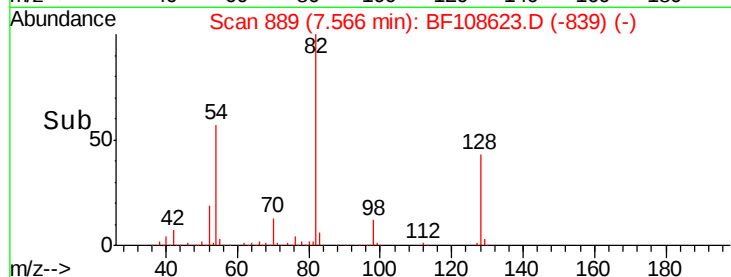
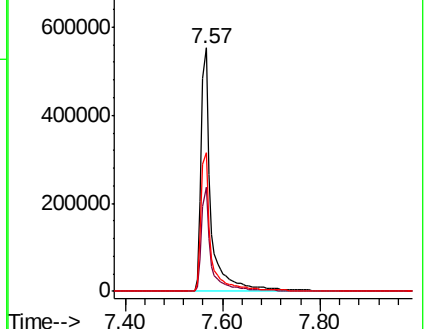
54 56.9 41.4 62.2



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: 56.701 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108623.D

Acq: 30 Aug 2018 00:42

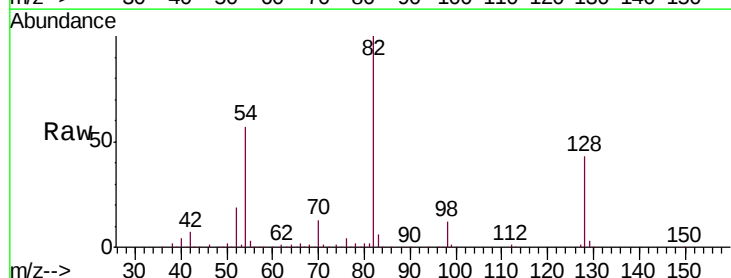
Tgt Ion: 82 Resp: 788406

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

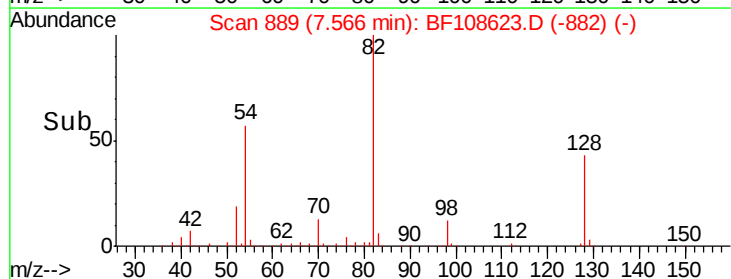
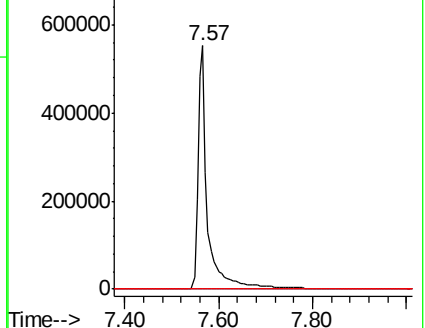
138 0.0 14.9 22.3#

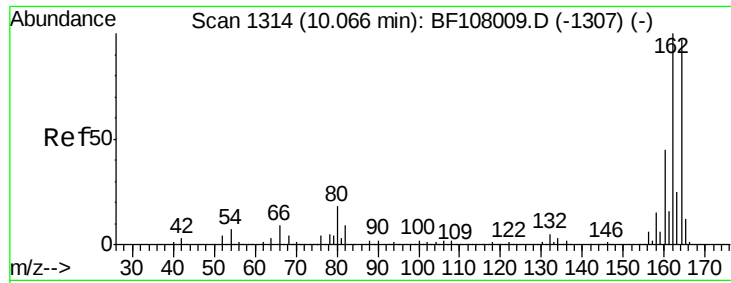


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF108623.D

Acq: 30 Aug 2018 00:42

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ClientSampleId :

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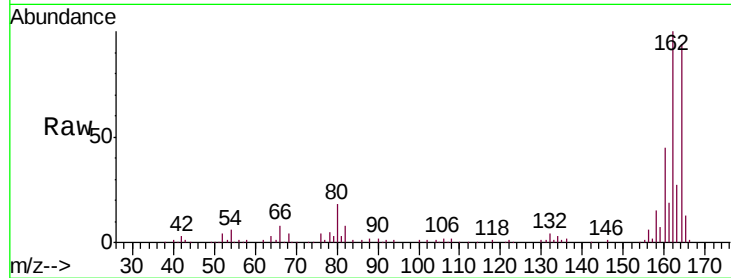
Tgt Ion:164 Resp: 167637

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

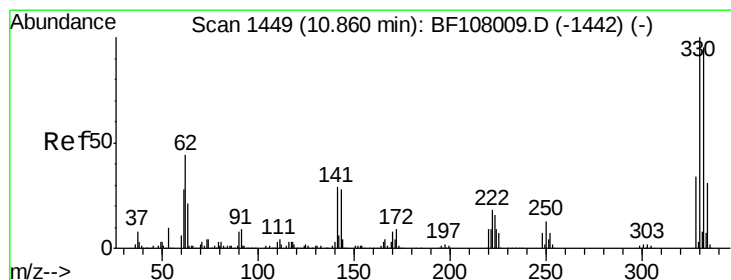
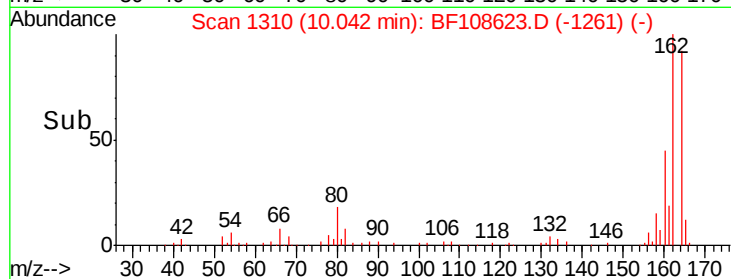
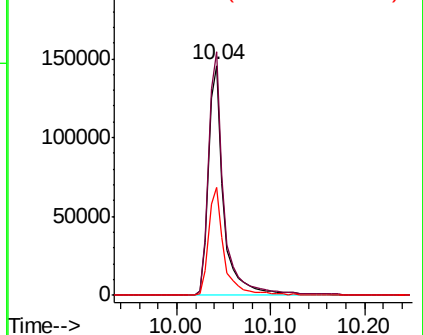
160 47.2 38.3 57.5



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: 92.510 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108623.D

Acq: 30 Aug 2018 00:42

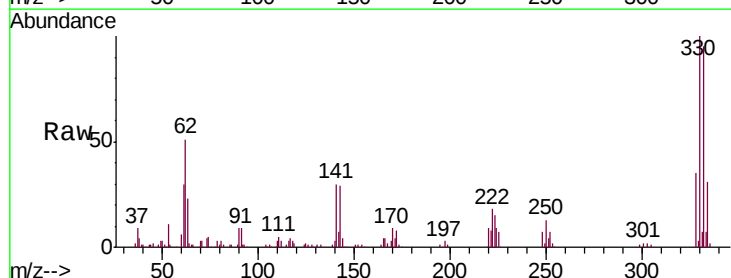
Tgt Ion:330 Resp: 154689

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

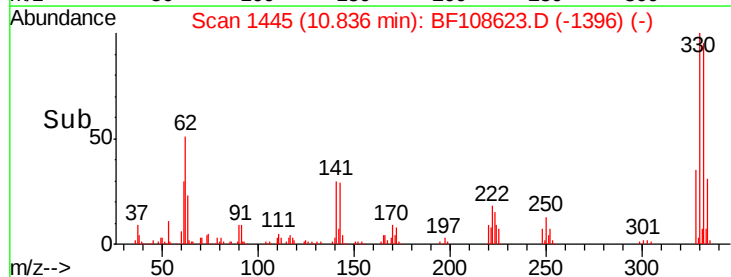
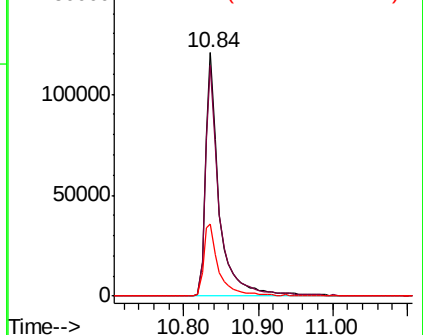
141 33.0 29.9 44.9

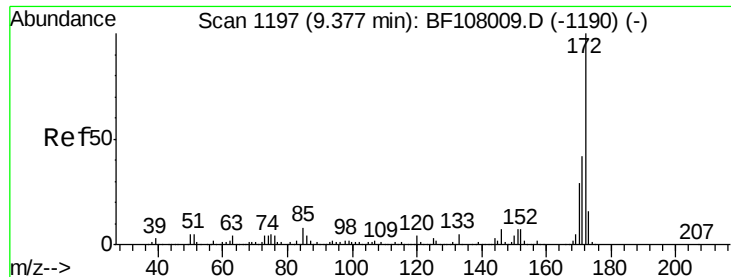


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

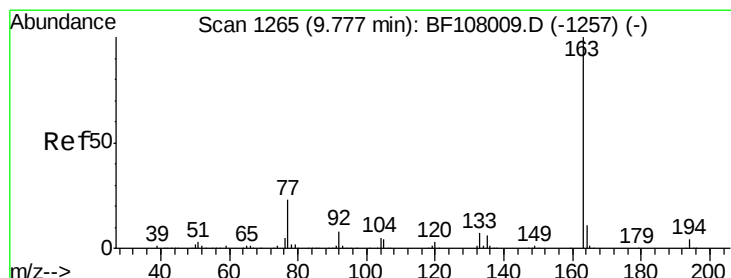
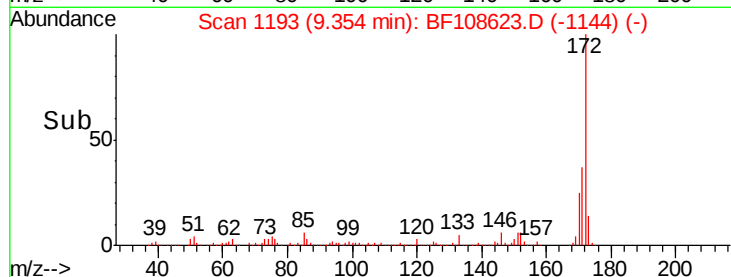
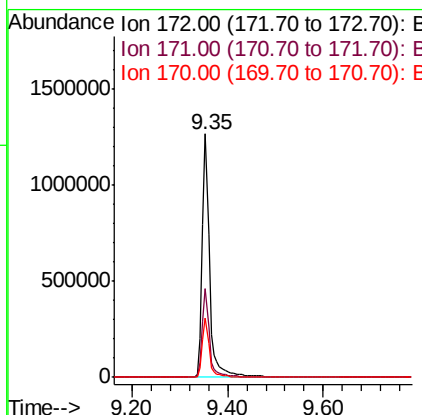
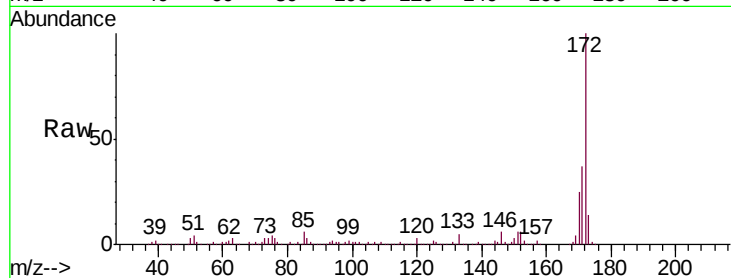




#44
 2-Fluorobiphenyl
 Concen: 128.807 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108623.D
 Acq: 30 Aug 2018 00:42

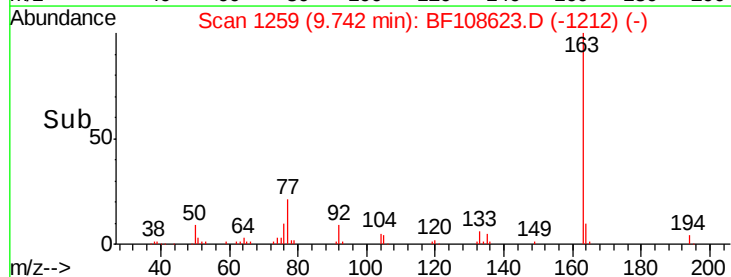
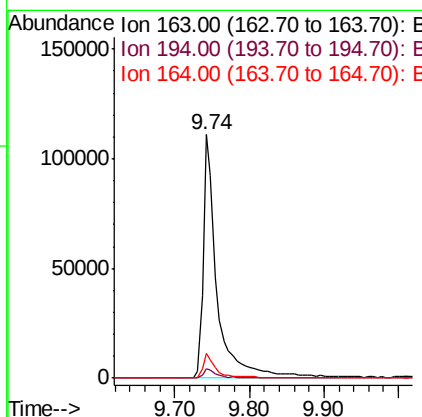
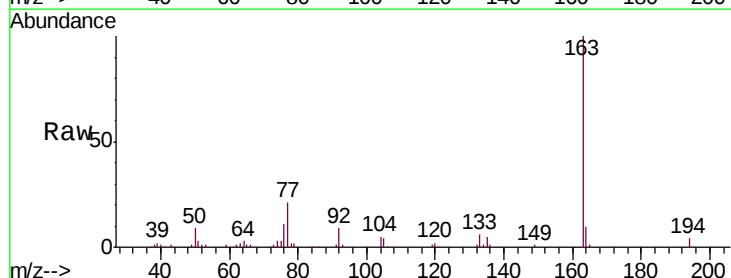
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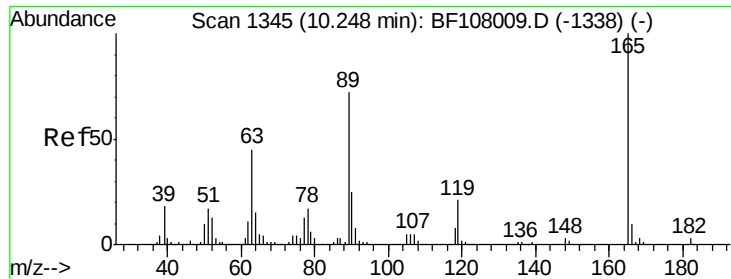
Tgt Ion:172 Resp: 1344950
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 12.627 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108623.D
 Acq: 30 Aug 2018 00:42

Tgt Ion:163 Resp: 147448
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.2 8.2 12.2

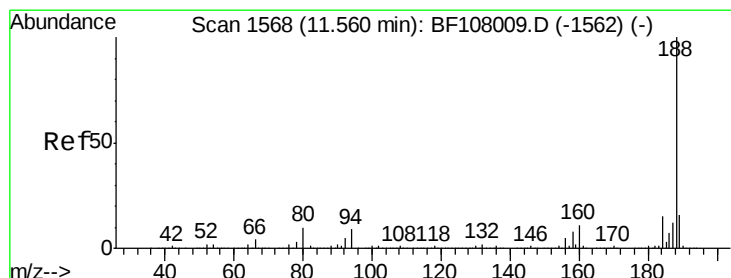
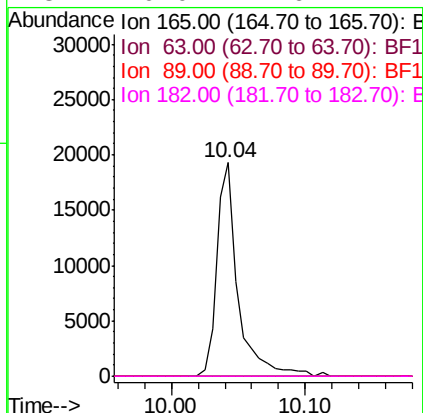
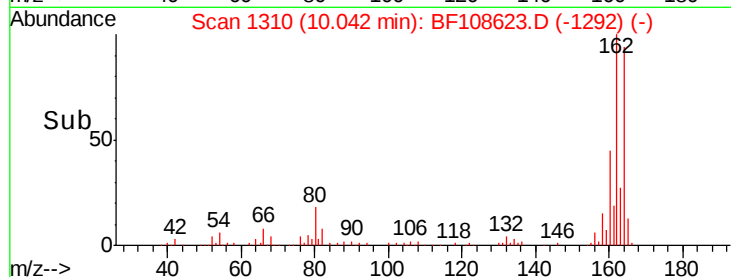
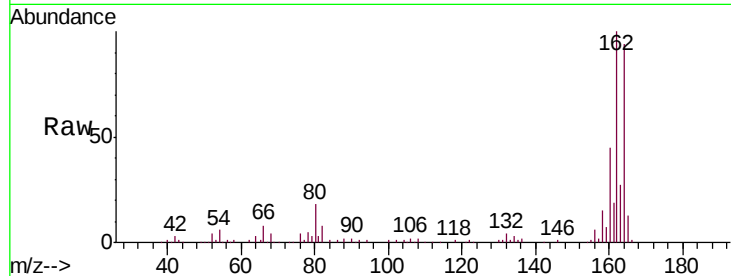




#56
 2,4-Dinitrotoluene
 Concen: 6.821 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108623.D
 Acq: 30 Aug 2018 00:42

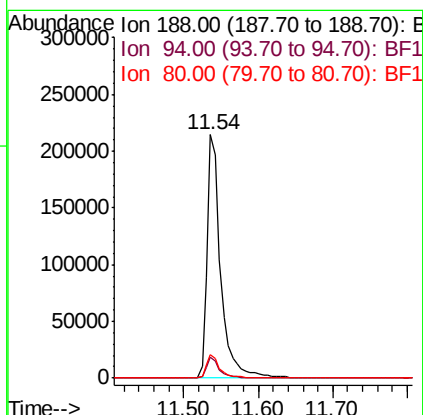
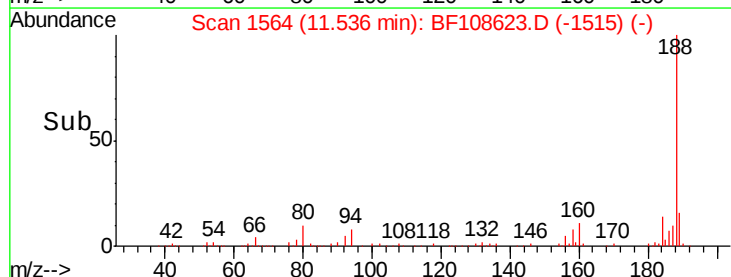
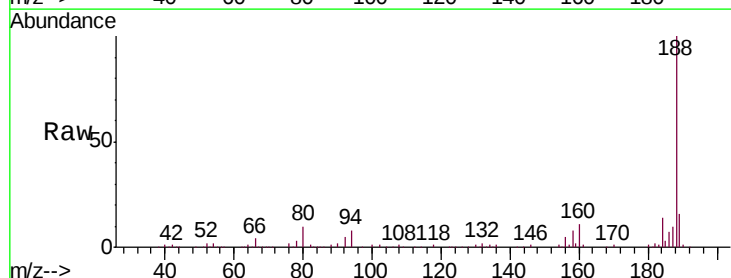
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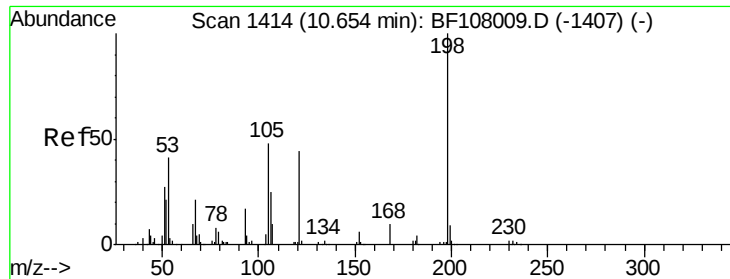
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108623.D
 Acq: 30 Aug 2018 00:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.8	9.2	13.8

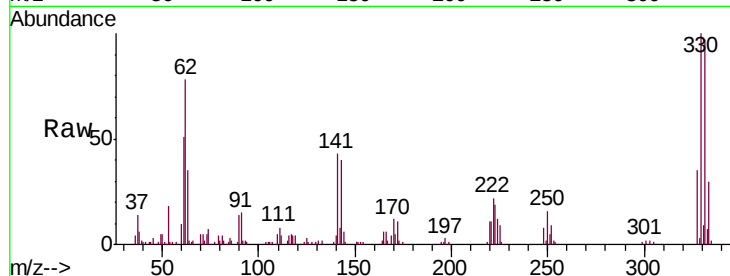




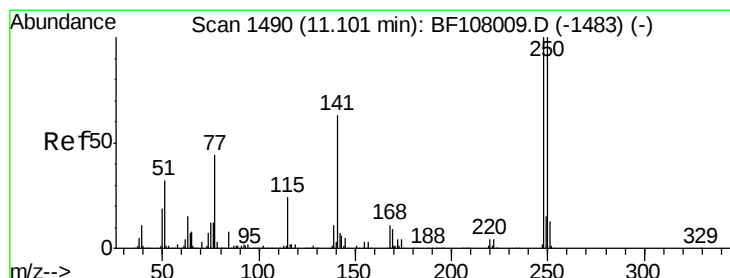
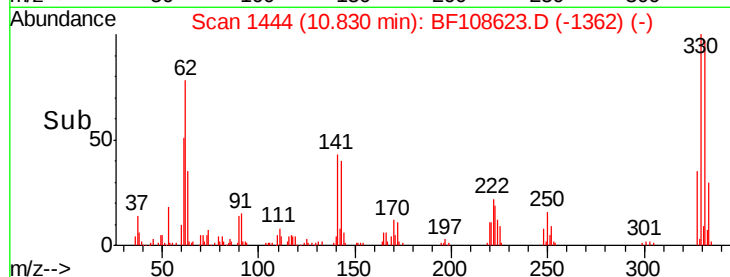
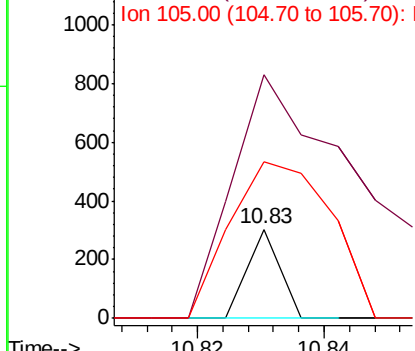
#64
4,6-Dinitro-2-methylphenol
Concen: 5.452 ng
RT: 10.83 min Scan# 1444
Delta R.T. 0.18 min
Lab File: BF108623.D
Acq: 30 Aug 2018 00:42

Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-U-S

Tgt Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 272.7 37.7 77.7#
105 175.7 36.3 76.3#

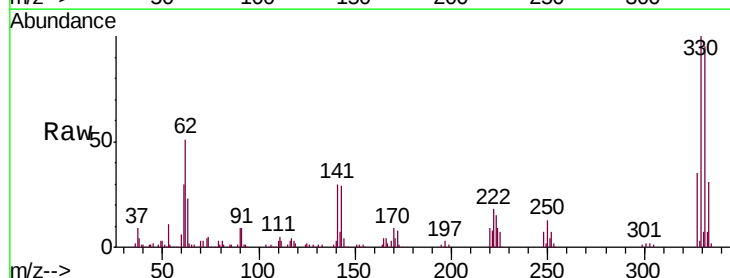


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

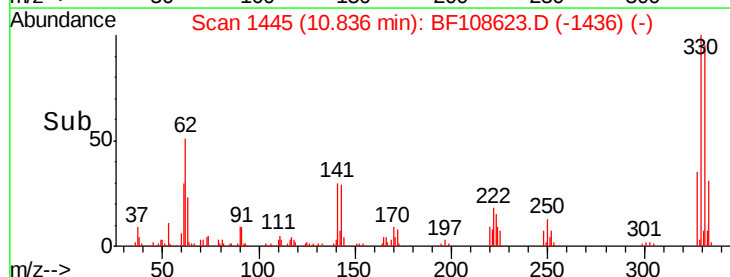
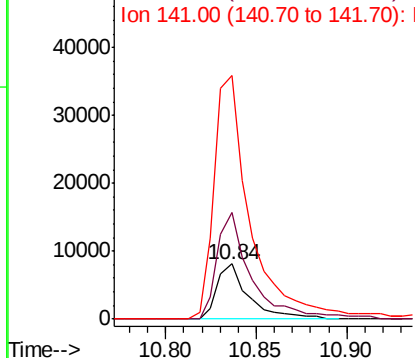


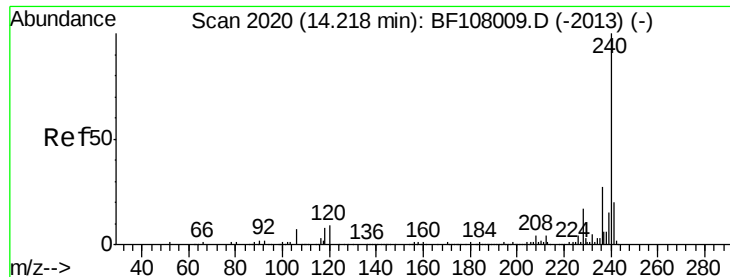
#66
4-Bromophenyl-phenylether
Concen: 3.388 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108623.D
Acq: 30 Aug 2018 00:42

Tgt Ion:248 Resp: 10007
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 443.7 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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108623.D

Acq: 30 Aug 2018 00:42

Instrument :

BNA_F

ClientSampleId :

082718-DBRI-F-U-S

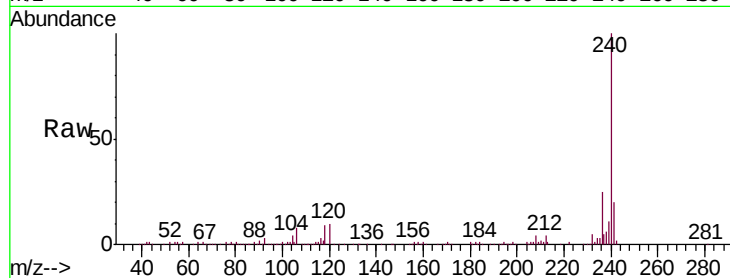
Tgt Ion:240 Resp: 259955

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

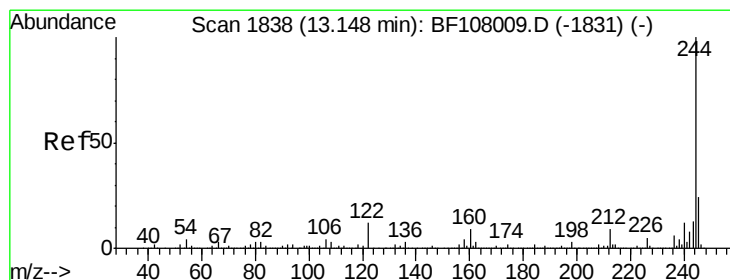
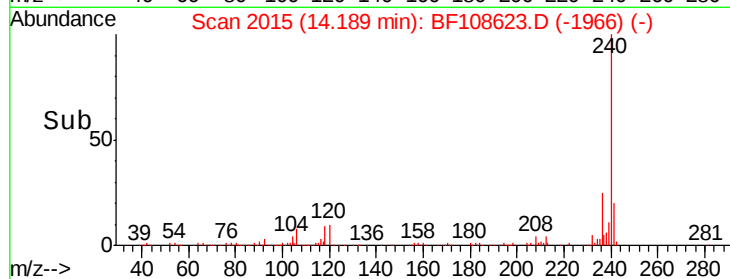
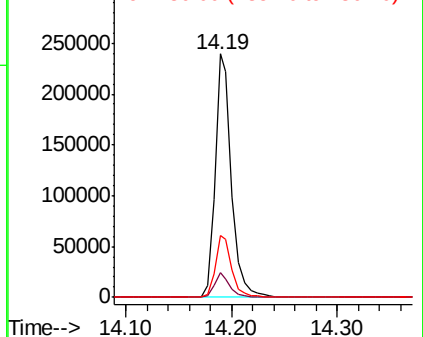
236 25.2 20.7 31.1



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: 93.351 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108623.D

Acq: 30 Aug 2018 00:42

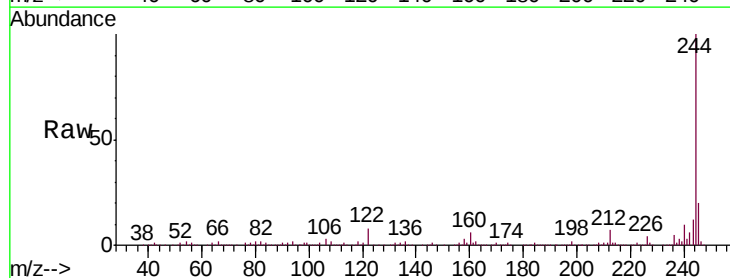
Tgt Ion:244 Resp: 954432

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

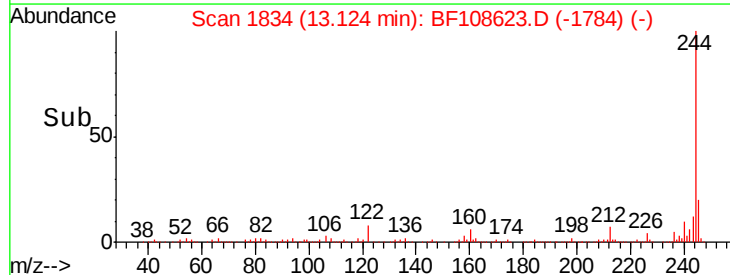
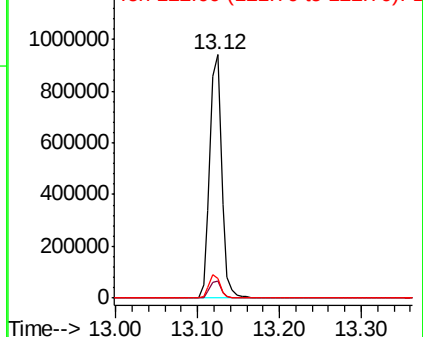
122 8.3 11.0 16.4#

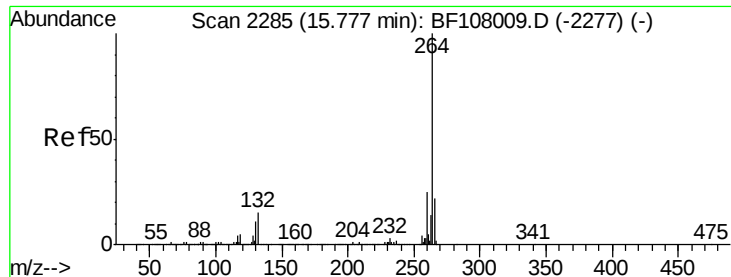


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108623.D
Acq: 30 Aug 2018 00:42

Instrument :
BNA_F
ClientSampleId :
082718-DBRI-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.5	26.3

