

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108672.D
 Acq On : 31 Aug 2018 6:18
 Operator : JU/SJ
 Sample : J4700-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Aug 31 06:43:37 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	75750	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	314971	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	155304	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	309454	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	310932	20.00	ng	-0.01
86) Perylene-d12	15.75	264	255607	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	70128	16.08	ng	0.04
7) Phenol-d6	6.66	99	142738	22.86	ng	0.01
23) Nitrobenzene-d5	7.57	82	651489	104.99	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	179956	87.77	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1275592	110.44	ng	0.00
78) Terphenyl-d14	13.12	244	1276569	79.77	ng	-0.01

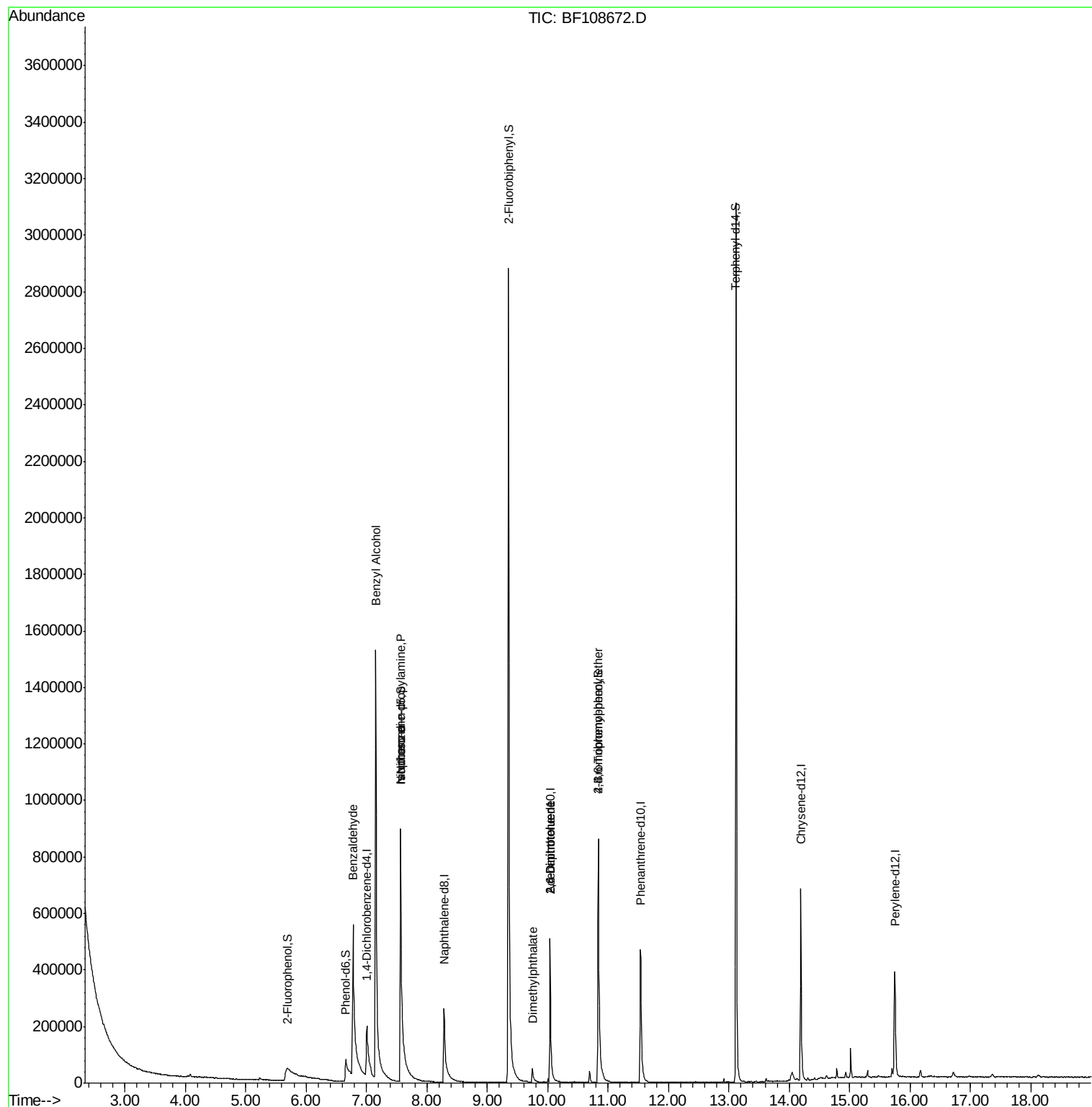
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	8129	2.106	ng	# 70
15) Benzyl Alcohol	7.15	79	10235	2.278	ng	# 44
19) n-Nitroso-di-n-propylamine	7.57	70	78322	18.727	ng	# 83
25) Isophorone	7.57	82	656068	63.646	ng	# 64
49) Dimethylphthalate	9.75	163	48054	3.929	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	19020	7.056	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	19506	5.465	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	11228	2.952	ng	# 1

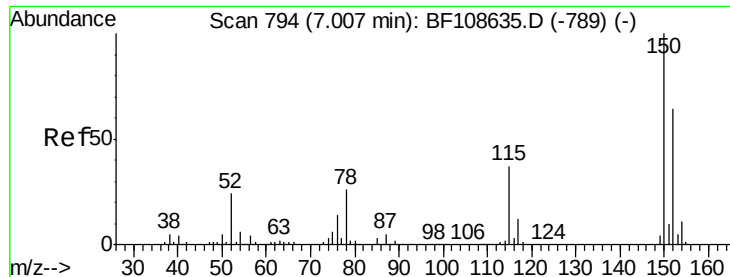
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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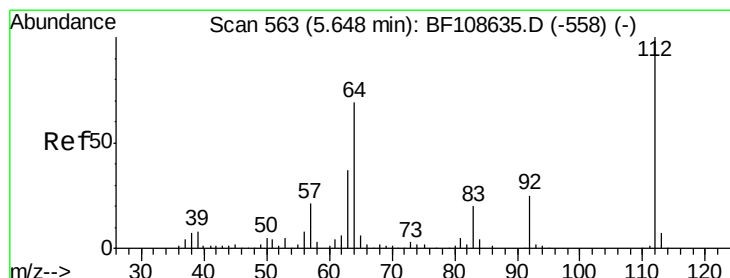
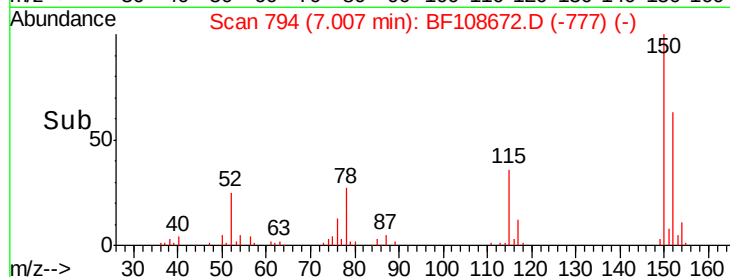
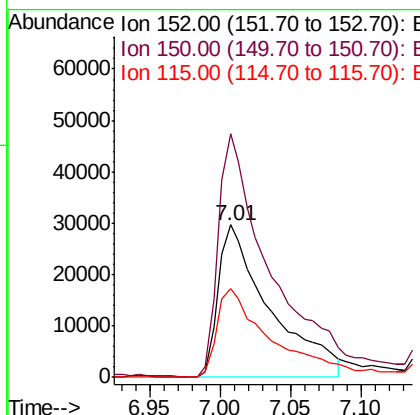
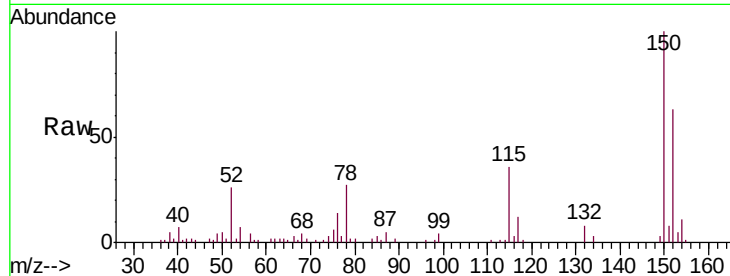




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF108672.D
 Acq: 31 Aug 2018 6:18

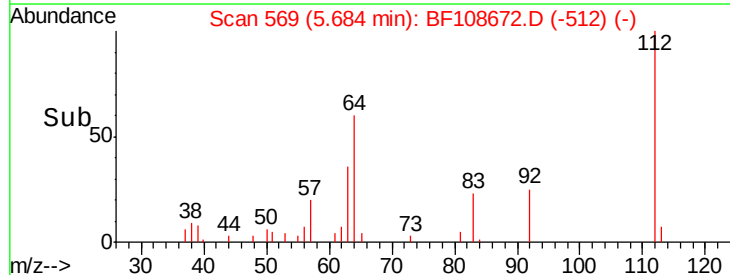
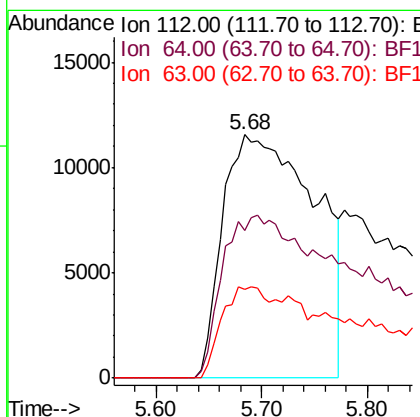
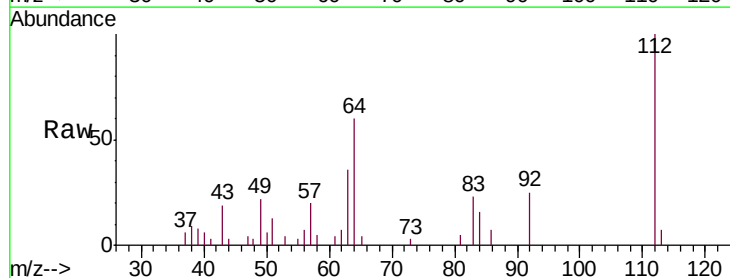
Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-U-S

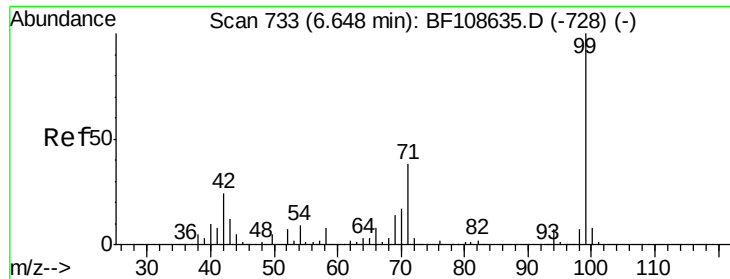
Tgt Ion:152 Resp: 75750
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.6 186.8
 115 58.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 16.083 ng
 RT: 5.68 min Scan# 569
 Delta R.T. 0.04 min
 Lab File: BF108672.D
 Acq: 31 Aug 2018 6:18

Tgt Ion:112 Resp: 70128
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.9 71.9
 63 36.3 23.7 35.5#





#7

Phenol-d6

Concen: 22.855 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-S

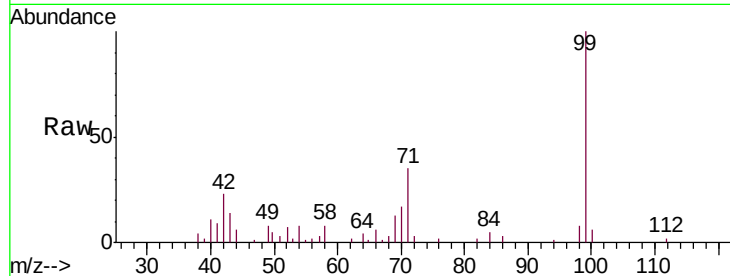
Tgt Ion: 99 Resp: 142738

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

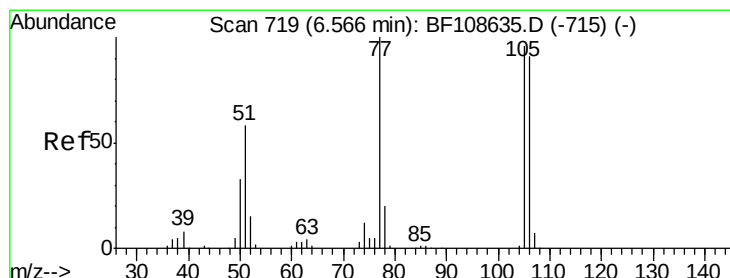
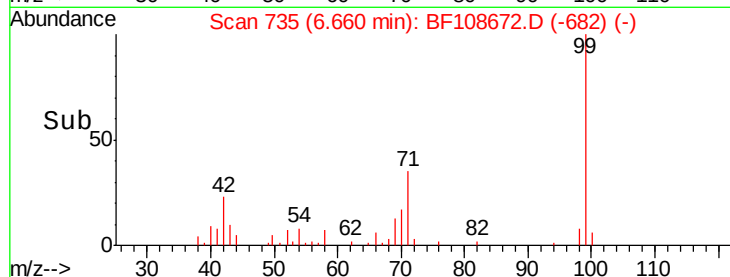
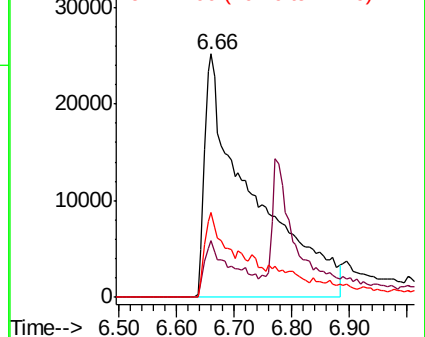
71 35.1 25.4 38.0



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: 2.106 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.21 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

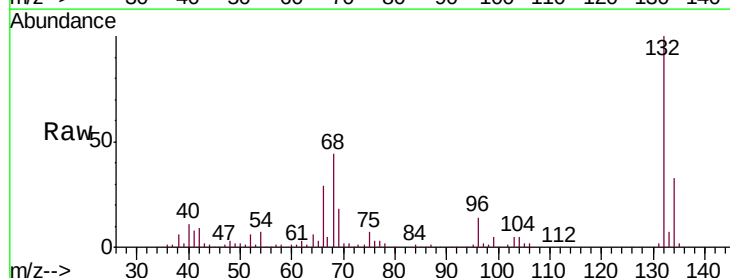
Tgt Ion: 77 Resp: 8129

Ion Ratio Lower Upper

77 100

105 76.5 81.1 121.1#

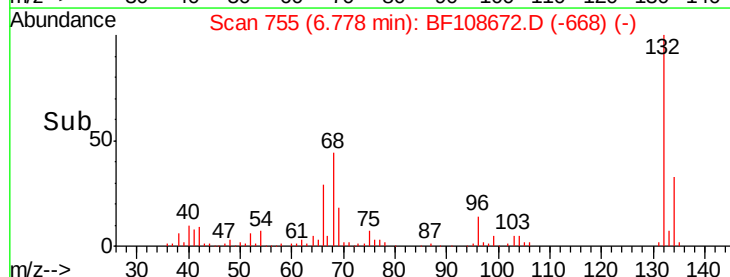
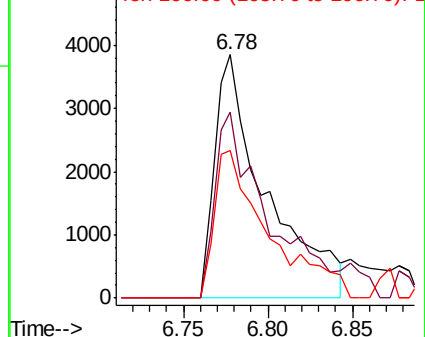
106 60.6 74.5 114.5#

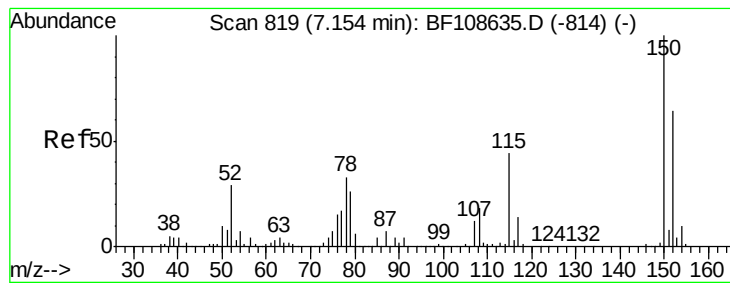


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.278 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-S

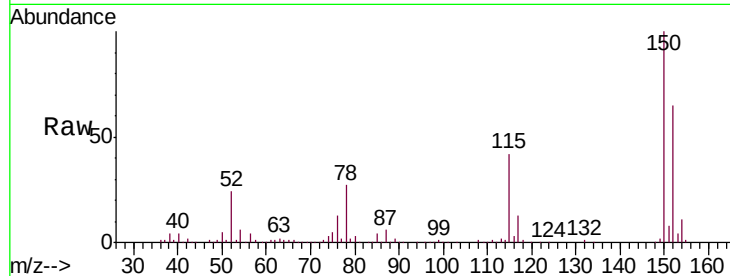
Tgt Ion: 79 Resp: 10235

Ion Ratio Lower Upper

79 100

108 28.5 65.1 97.7#

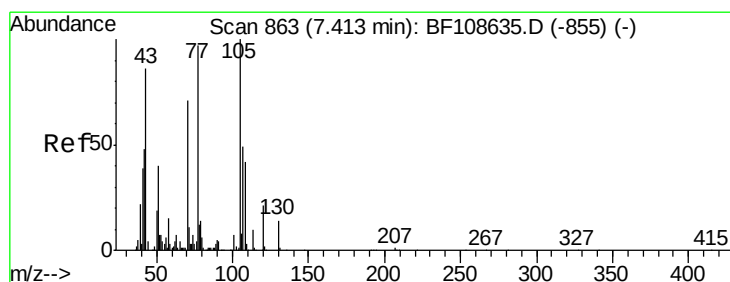
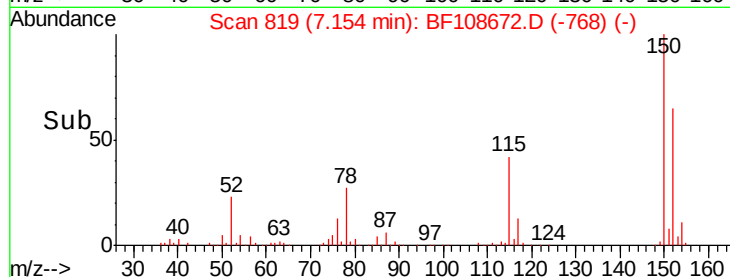
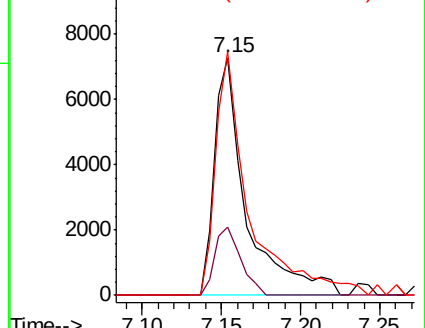
77 102.4 50.6 75.8#



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: 18.727 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

Tgt Ion: 70 Resp: 78322

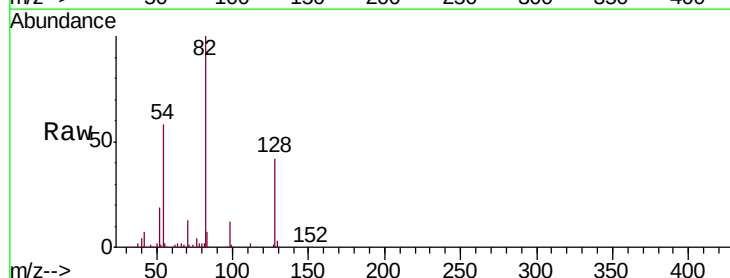
Ion Ratio Lower Upper

70 100

42 53.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

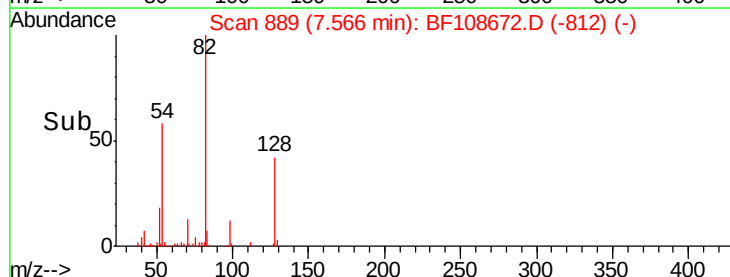
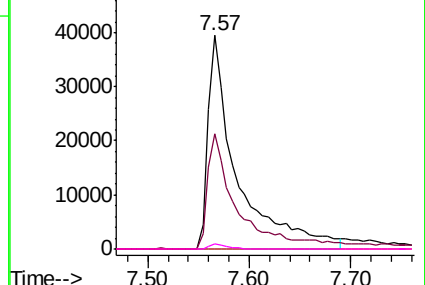


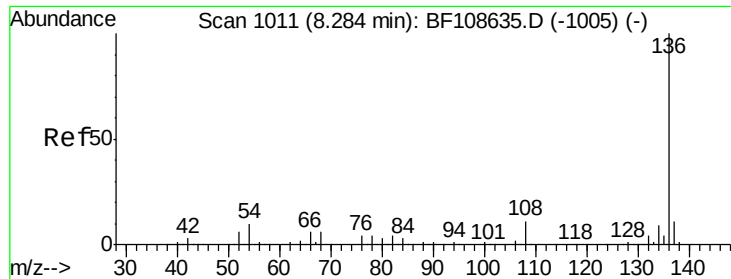
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

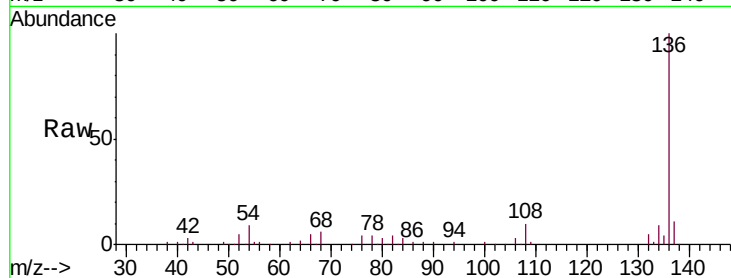




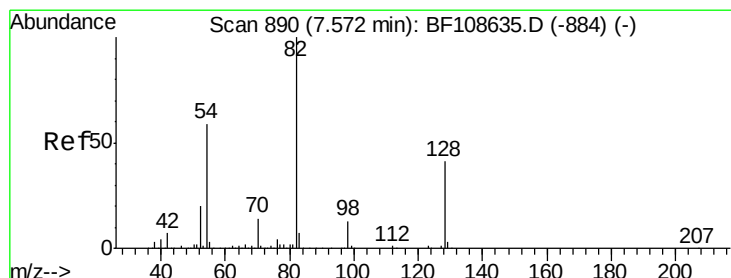
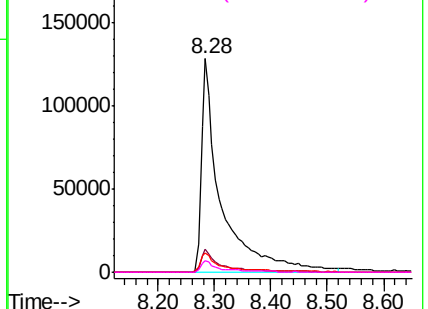
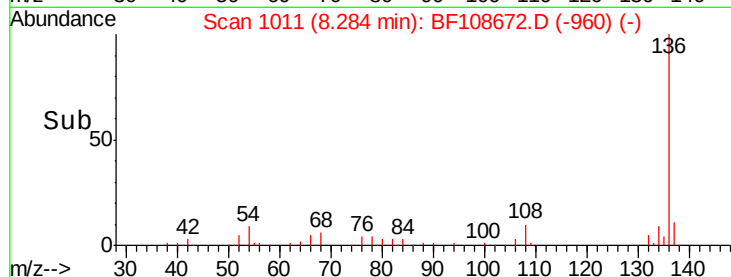
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108672.D
Acq: 31 Aug 2018 6:18

Instrument :
BNA_F
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082818-DBRI-F-U-S

Tgt Ion:	136	Resp:	314971
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.1	6.6	9.8
68	5.7	5.0	7.4

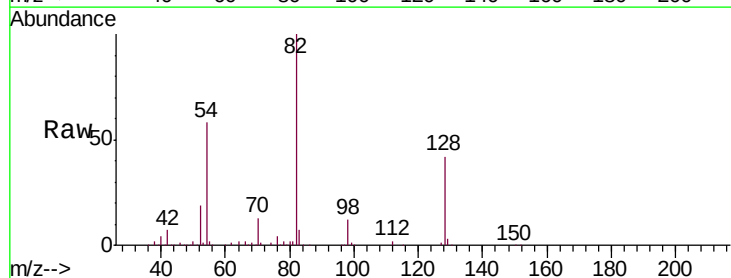


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

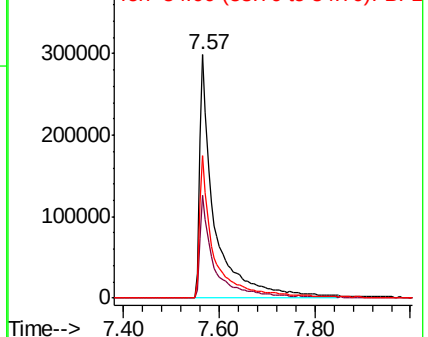
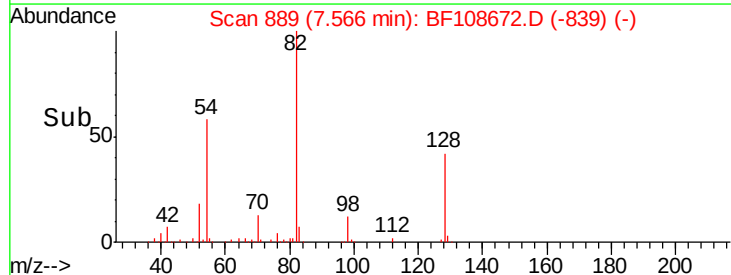


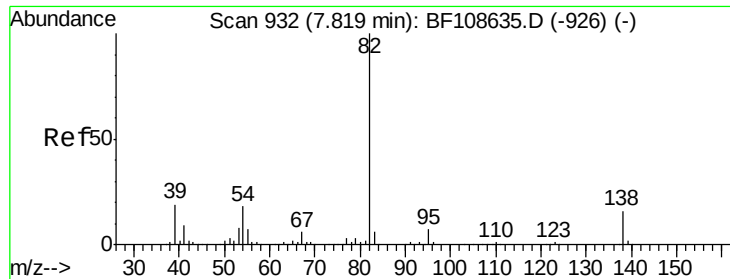
#23
Nitrobenzene-d5
Concen: 104.990 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108672.D
Acq: 31 Aug 2018 6:18

Tgt Ion:	82	Resp:	651489
Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	58.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
400000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 63.646 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-S

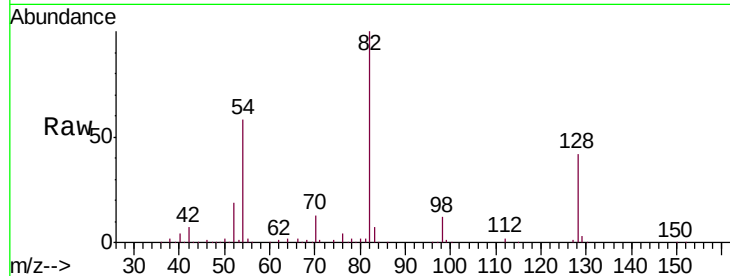
Tgt Ion: 82 Resp: 656068

Ion Ratio Lower Upper

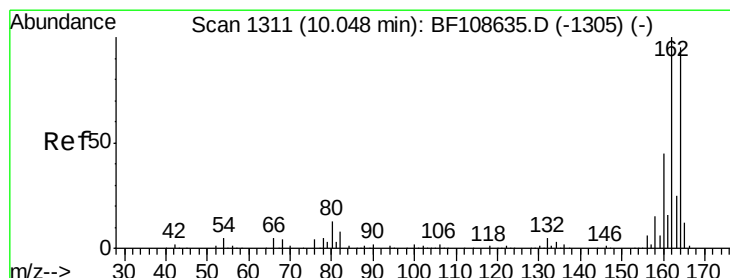
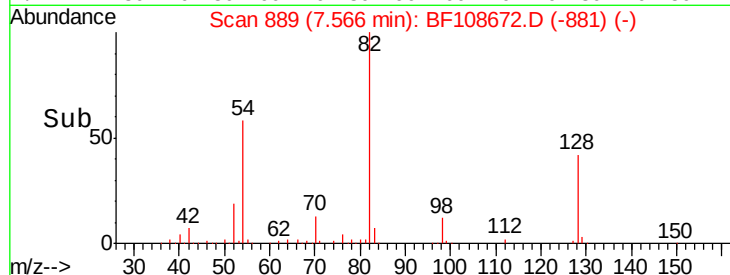
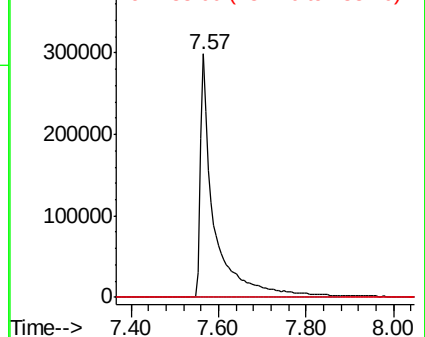
82 100

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: BF108672.D

Acq: 31 Aug 2018 6:18

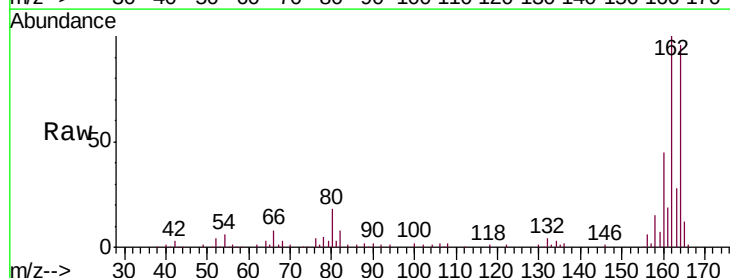
Tgt Ion: 164 Resp: 155304

Ion Ratio Lower Upper

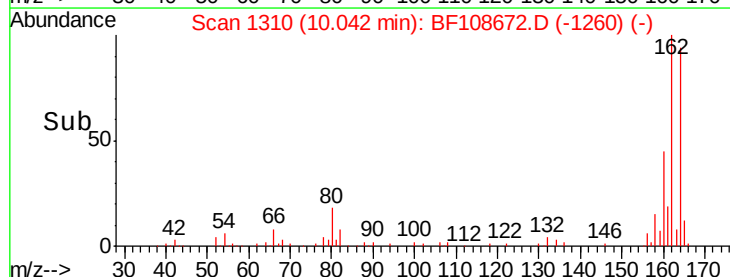
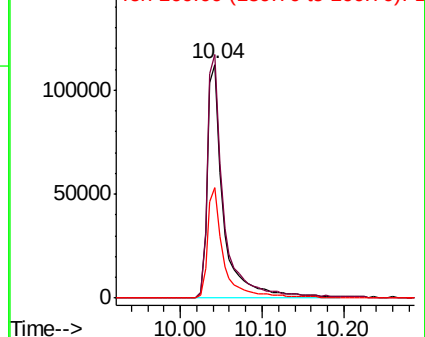
164 100

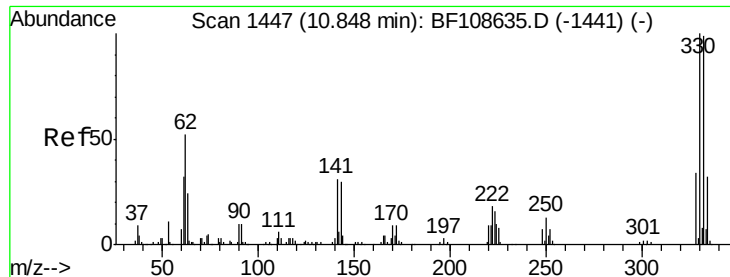
162 104.2 86.1 129.1

160 47.1 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

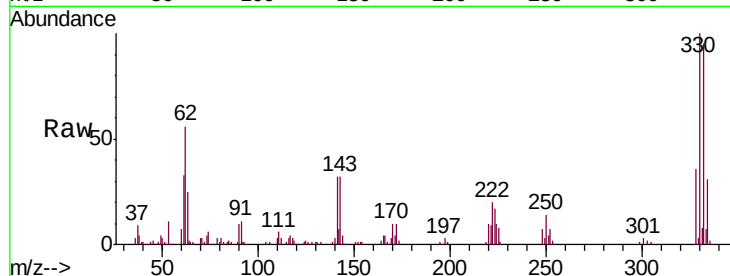




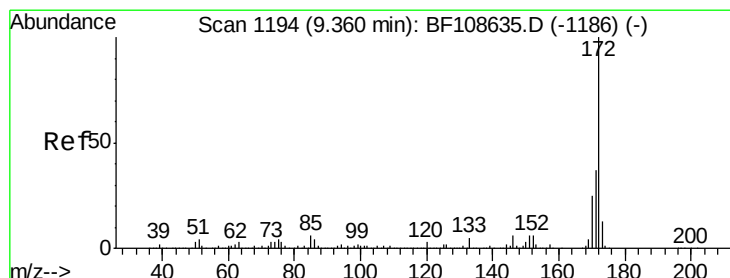
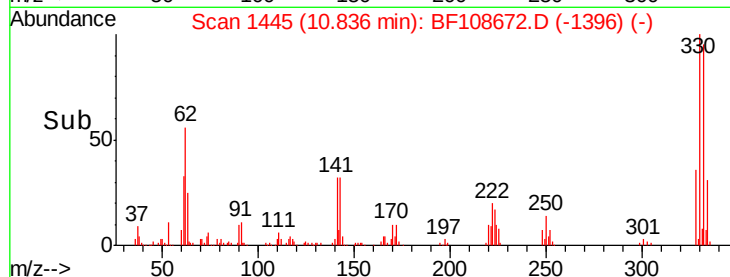
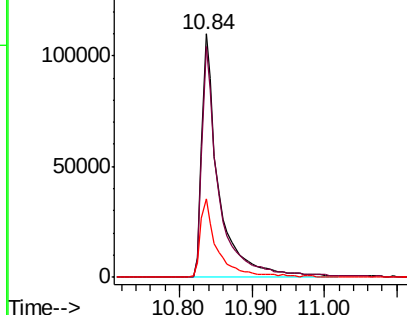
#41
 2,4,6-Tribromophenol
 Concen: 87.775 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108672.D
 Acq: 31 Aug 2018 6:18

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.5	29.9	44.9

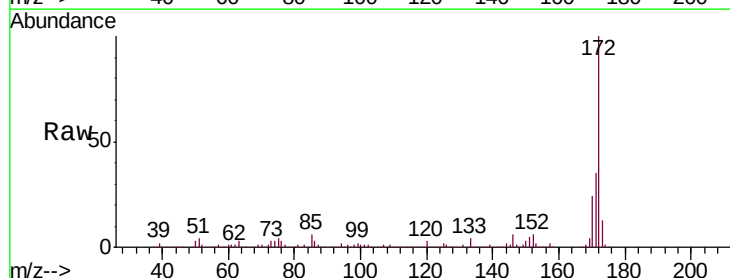


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

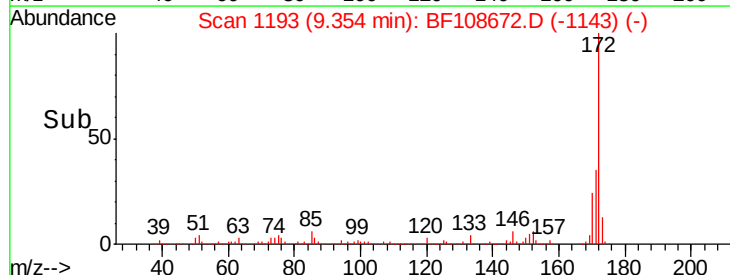
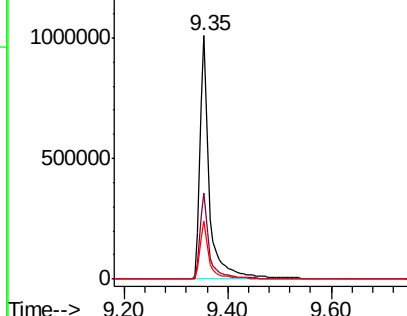


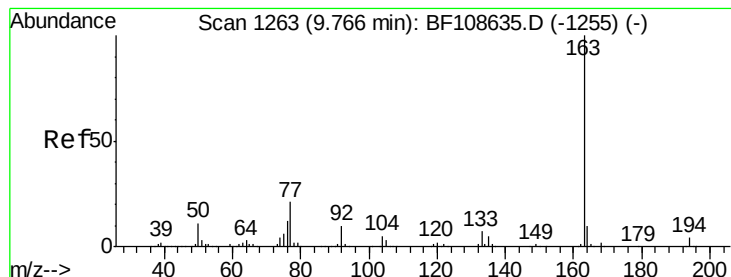
#44
 2-Fluorobiphenyl
 Concen: 110.437 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108672.D
 Acq: 31 Aug 2018 6:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	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: 3.929 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-S

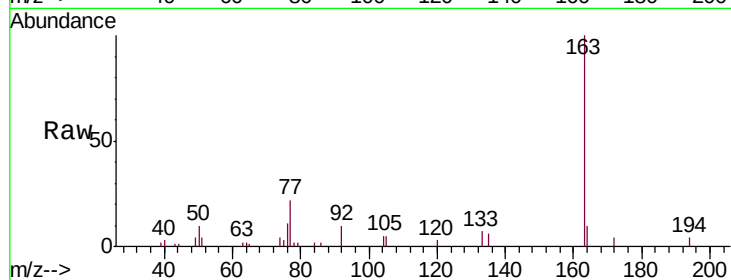
Tgt Ion:163 Resp: 48054

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

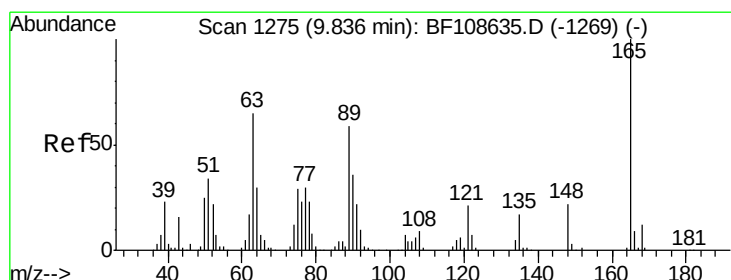
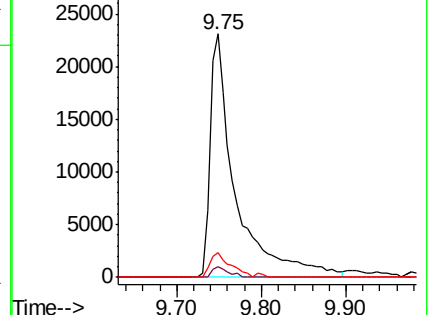
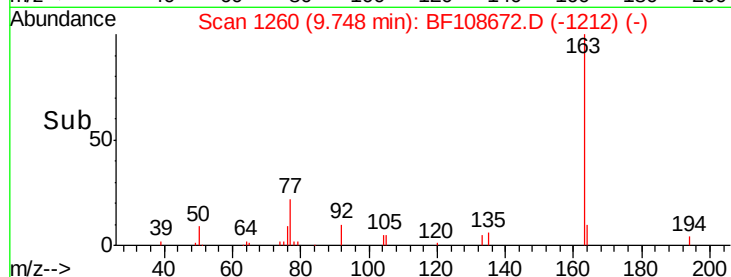
164 9.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.056 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

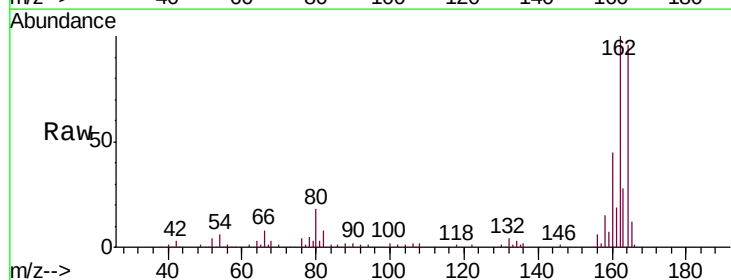
Tgt Ion:165 Resp: 19020

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

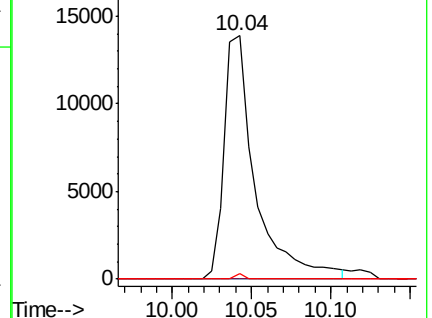
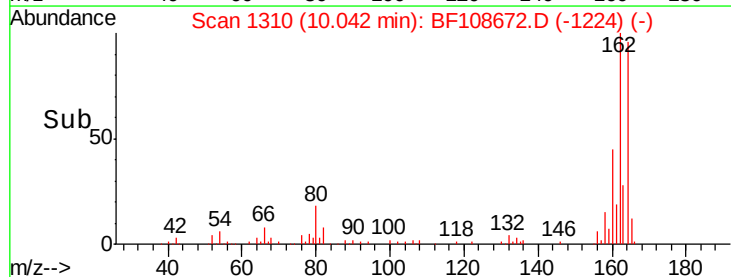
89 2.2 44.0 66.0#

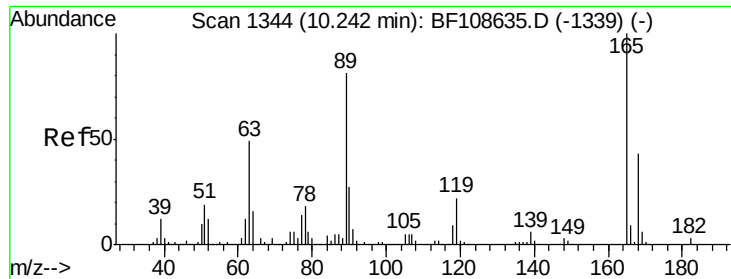


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

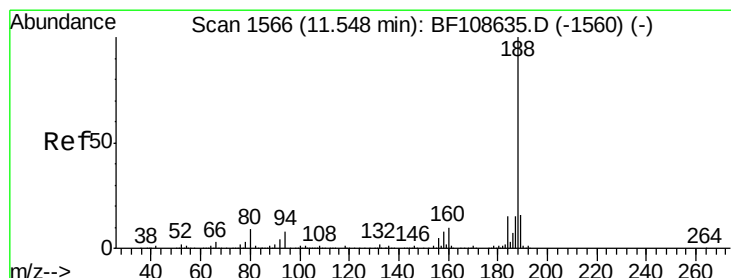
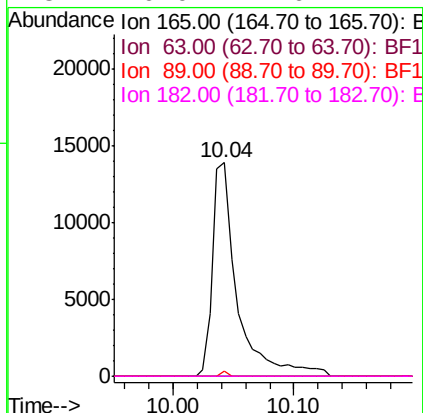
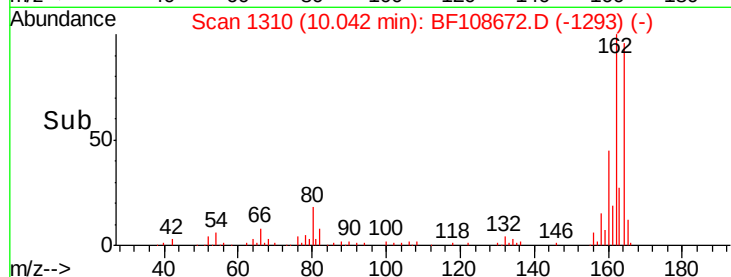
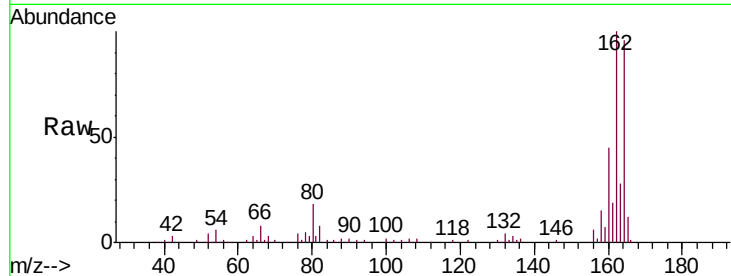




#56
2,4-Dinitrotoluene
Concen: 5.465 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108672.D
Acq: 31 Aug 2018 6:18

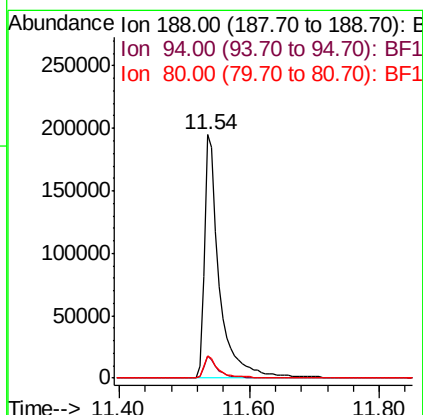
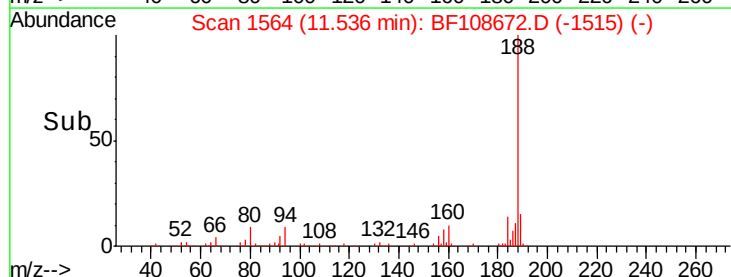
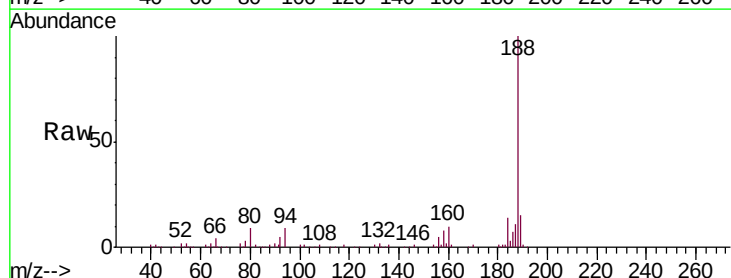
Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-U-S

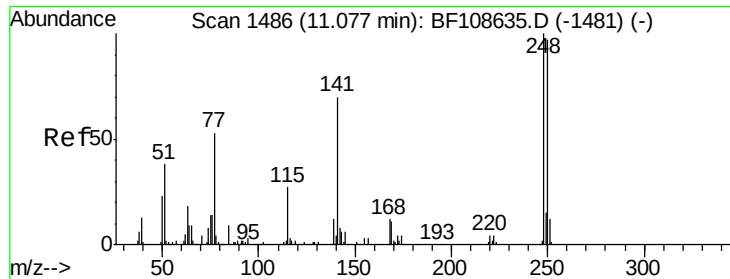
Tgt Ion:	165	Resp:	19506
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108672.D
Acq: 31 Aug 2018 6:18

Tgt Ion:	188	Resp:	309454
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.3	9.2	13.8

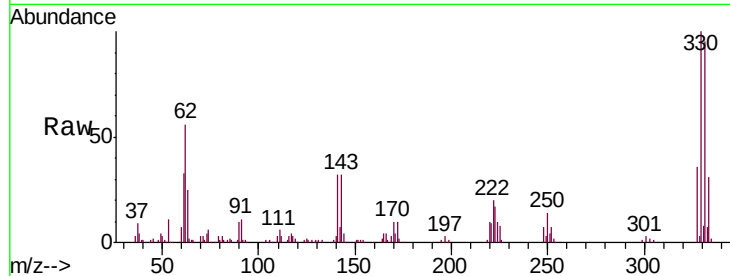




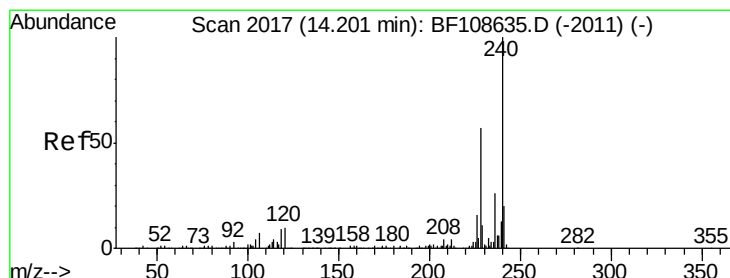
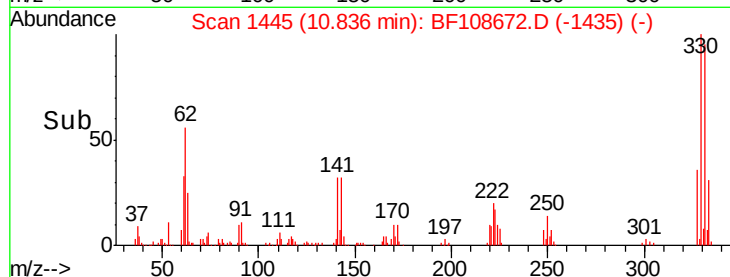
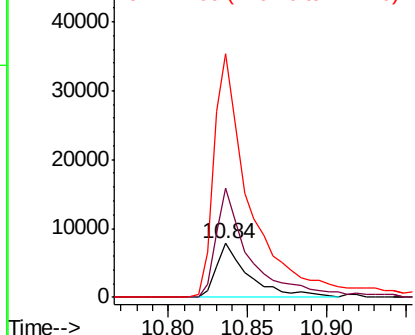
#66
 4-Bromophenyl-phenylether
 Concen: 2.952 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108672.D
 Acq: 31 Aug 2018 6:18

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

Tgt Ion:248 Resp: 11228
 Ion Ratio Lower Upper
 248 100
 250 202.6 76.9 115.3#
 141 453.2 74.4 111.6#

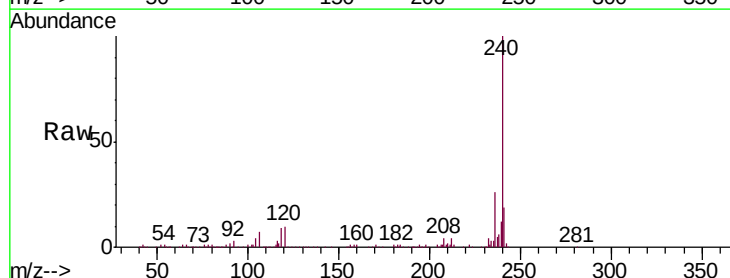


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

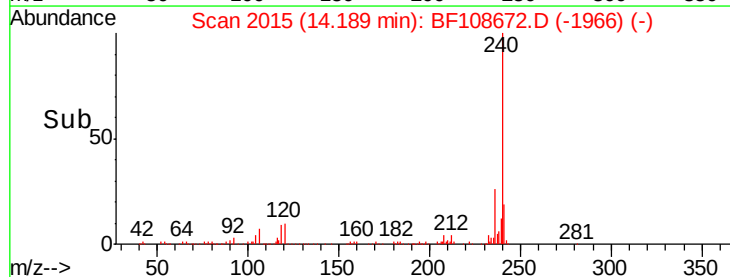
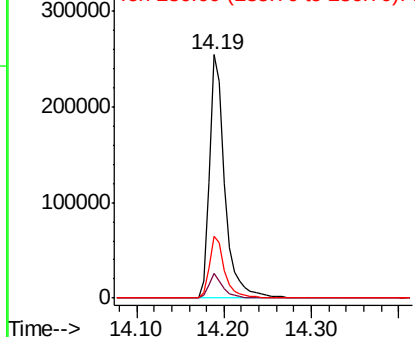


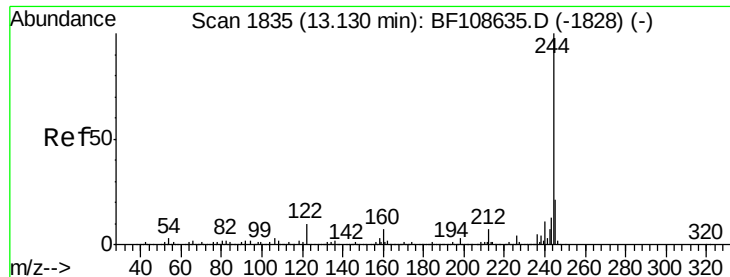
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108672.D
 Acq: 31 Aug 2018 6:18

Tgt Ion:240 Resp: 310932
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.5 14.3
 236 25.7 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: 79.770 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-U-S

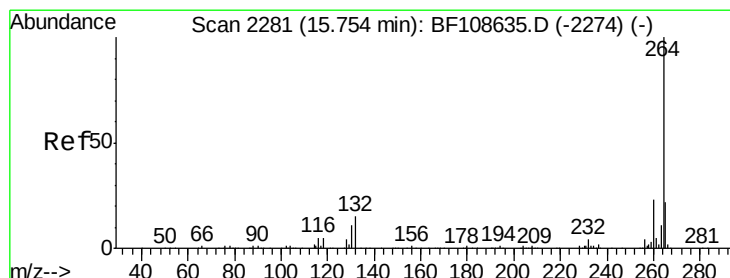
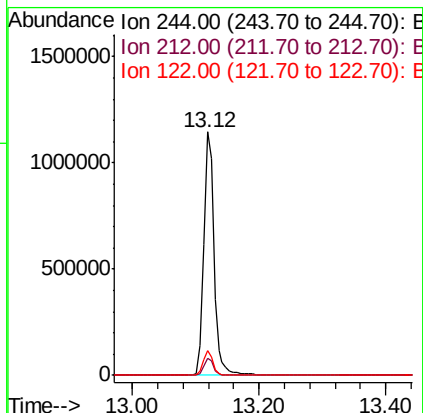
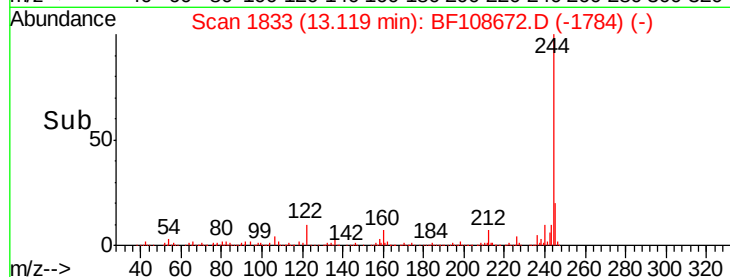
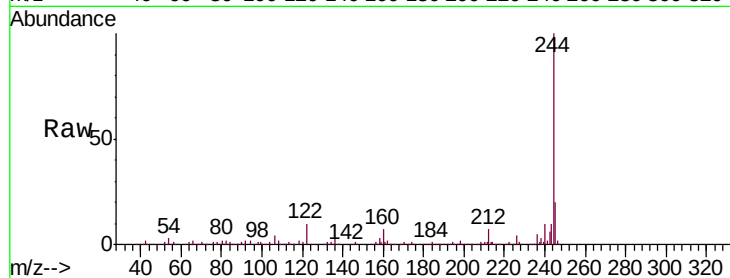
Tgt Ion:244 Resp: 1276569

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 10.3 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108672.D

Acq: 31 Aug 2018 6:18

Tgt Ion:264 Resp: 255607

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.2 17.5 26.3

