

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108665.D
 Acq On : 31 Aug 2018 2:37
 Operator : JU/SJ
 Sample : J4700-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Aug 31 04:34:50 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	83418	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	346296	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	173195	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	355493	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	348533	20.00	ng	-0.01
86) Perylene-d12	15.75	264	289474	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	137432	28.62	ng	0.02
7) Phenol-d6	6.65	99	191105	27.79	ng	0.00
23) Nitrobenzene-d5	7.57	82	679352	99.58	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	200179	87.55	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1360680	105.63	ng	0.00
78) Terphenyl-d14	13.12	244	1429601	79.70	ng	0.00

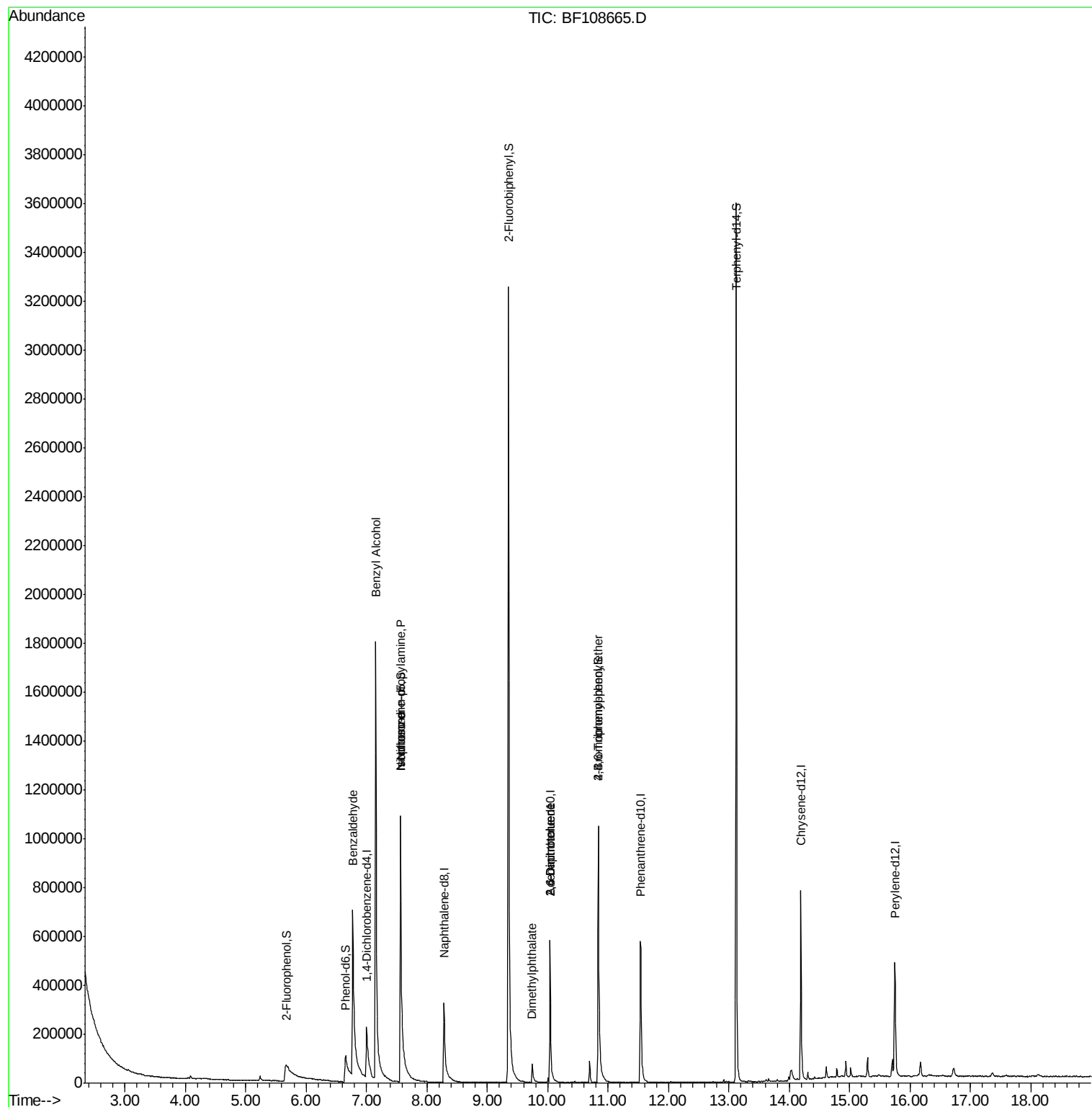
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	9429	2.218	ng	# 72
15) Benzyl Alcohol	7.15	79	10836	2.190	ng	# 43
19) n-Nitroso-di-n-propylamine	7.57	70	87310	18.957	ng	# 83
25) Isophorone	7.57	82	679352	59.943	ng	# 64
49) Dimethylphthalate	9.74	163	64133	4.702	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	20540	6.832	ng	# 27
56) 2,4-Dinitrotoluene	10.04	165	20904	5.252	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	12989	2.973	ng	# 1

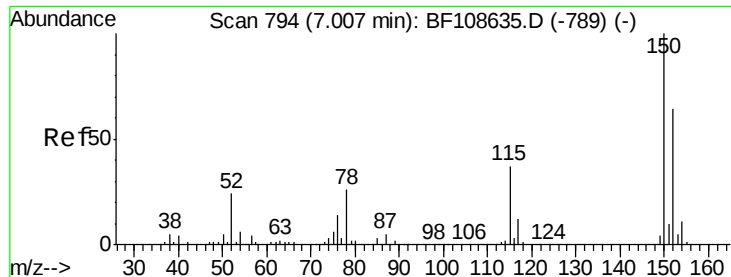
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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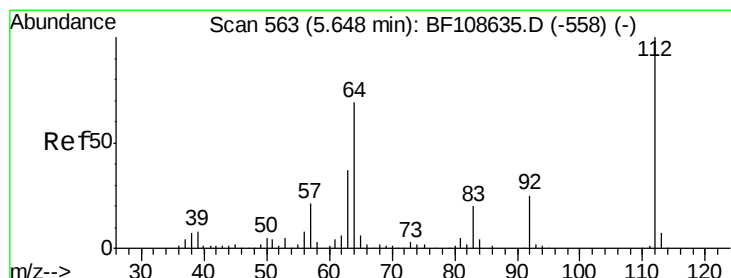
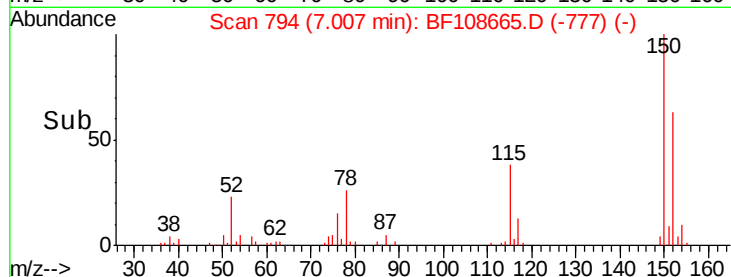
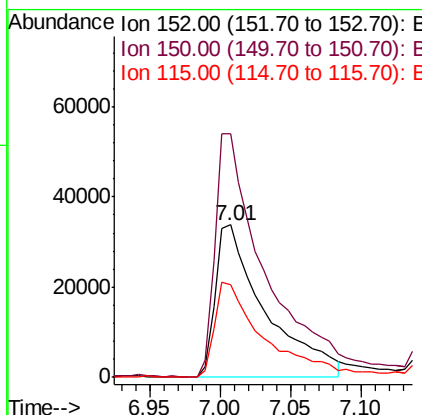
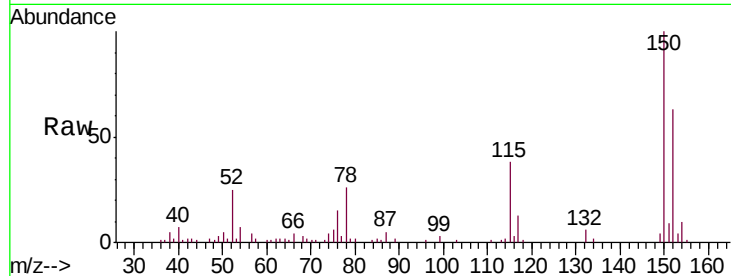




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF108665.D
 Acq: 31 Aug 2018 2:37

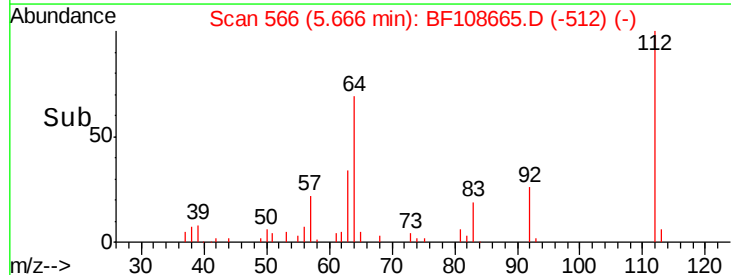
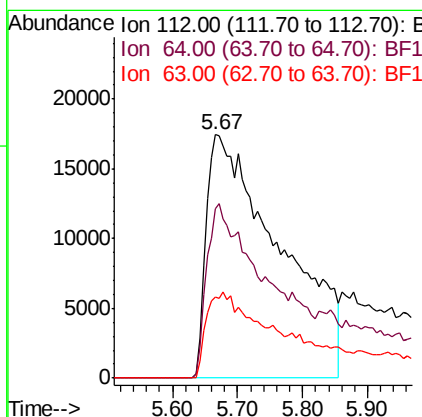
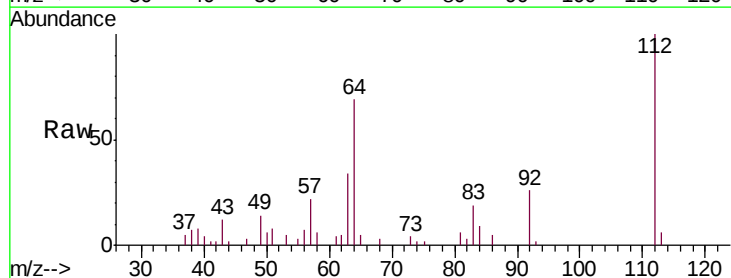
Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-B

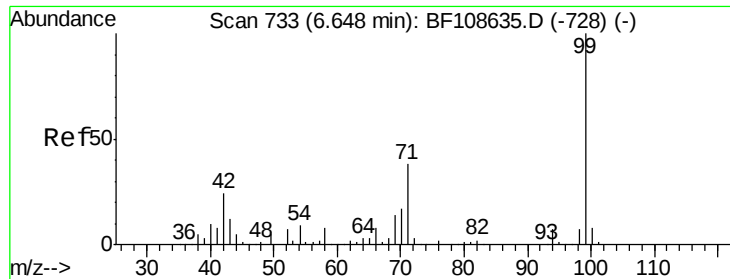
Tgt Ion:152 Resp: 83418
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 60.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 28.621 ng
 RT: 5.67 min Scan# 566
 Delta R.T. 0.02 min
 Lab File: BF108665.D
 Acq: 31 Aug 2018 2:37

Tgt Ion:112 Resp: 137432
 Ion Ratio Lower Upper
 112 100
 64 69.4 47.9 71.9
 63 33.5 23.7 35.5





#7

Phenol-d6

Concen: 27.787 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108665.D

Acq: 31 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-D-B

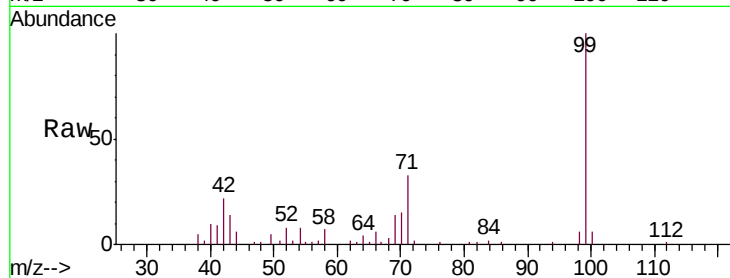
Tgt Ion: 99 Resp: 191105

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

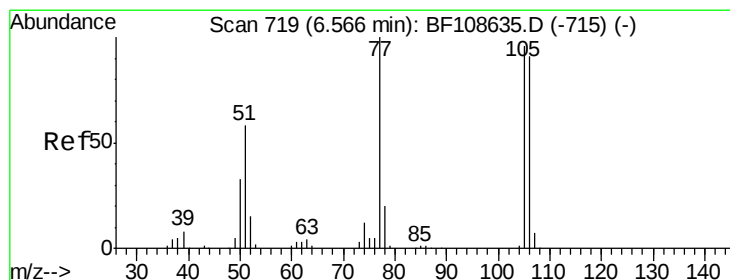
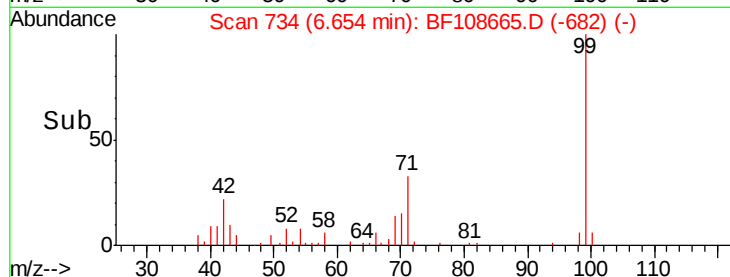
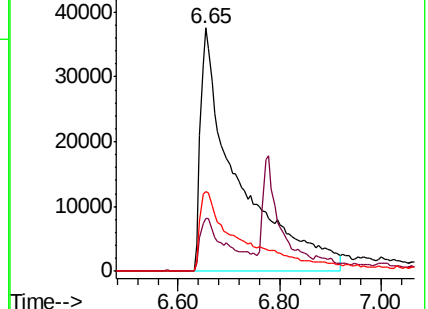
71 32.9 25.4 38.0



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: 2.218 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108665.D

Acq: 31 Aug 2018 2:37

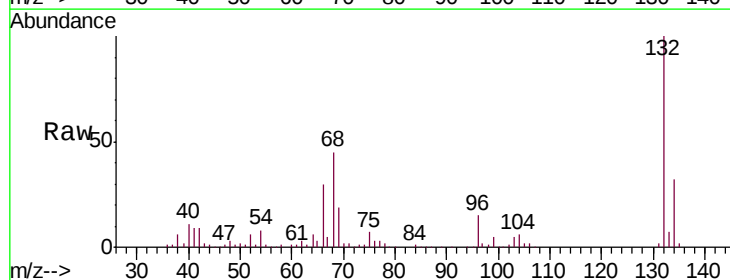
Tgt Ion: 77 Resp: 9429

Ion Ratio Lower Upper

77 100

105 77.9 81.1 121.1#

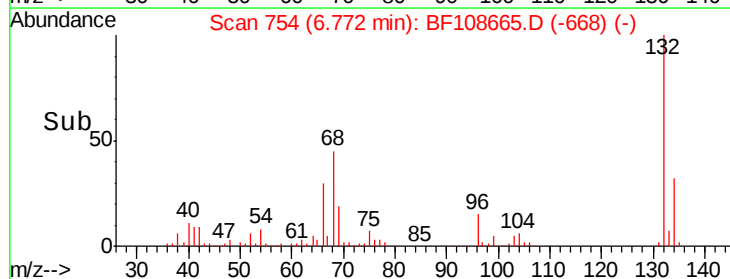
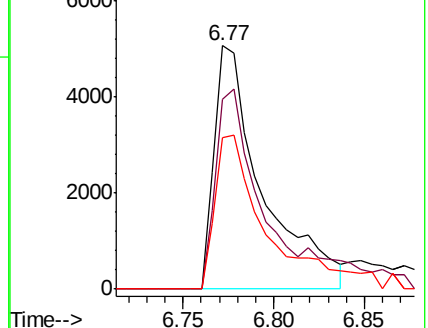
106 62.5 74.5 114.5#

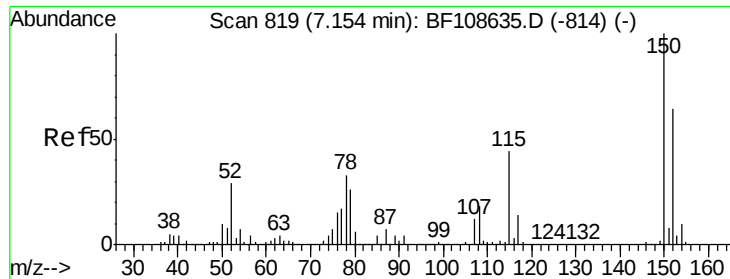


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

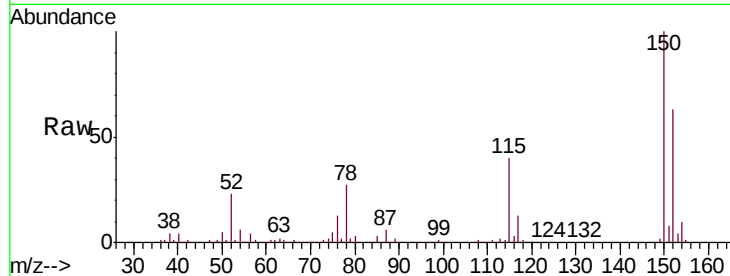




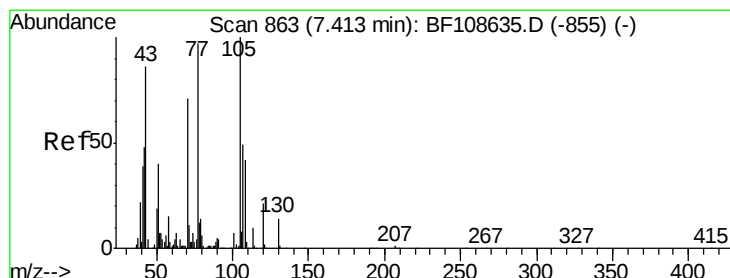
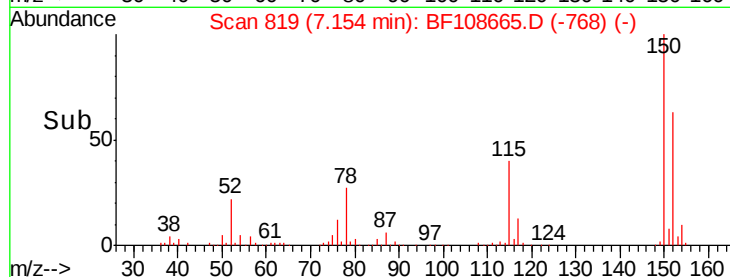
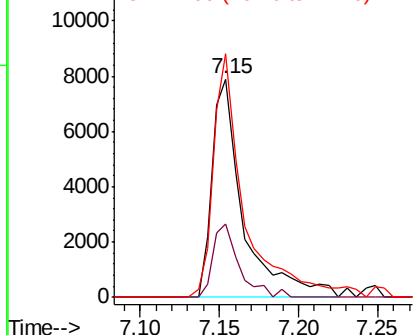
#15
Benzyl Alcohol
Concen: 2.190 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF108665.D
Acq: 31 Aug 2018 2:37

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

Tgt Ion: 79 Resp: 10836
Ion Ratio Lower Upper
79 100
108 33.8 65.1 97.7#
77 111.4 50.6 75.8#

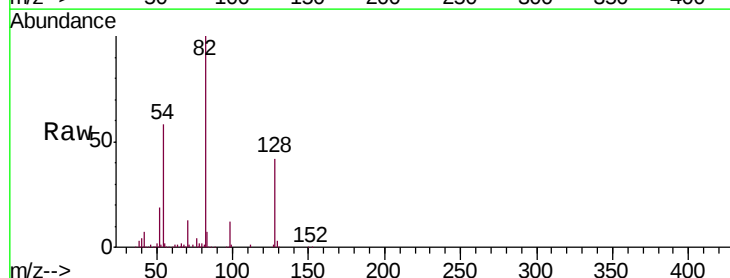


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

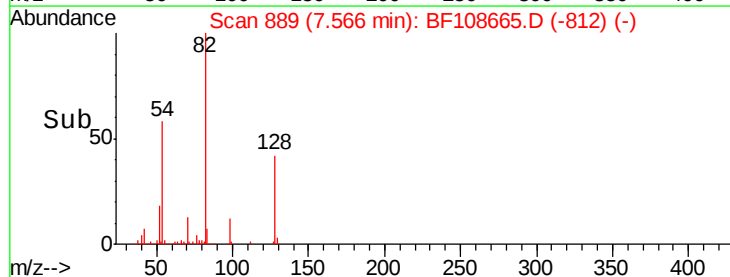
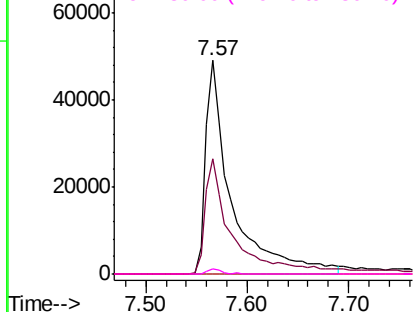


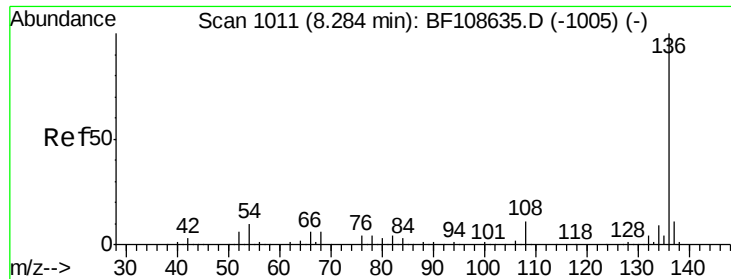
#19
n-Nitroso-di-n-propylamine
Concen: 18.957 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108665.D
Acq: 31 Aug 2018 2:37

Tgt Ion: 70 Resp: 87310
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 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

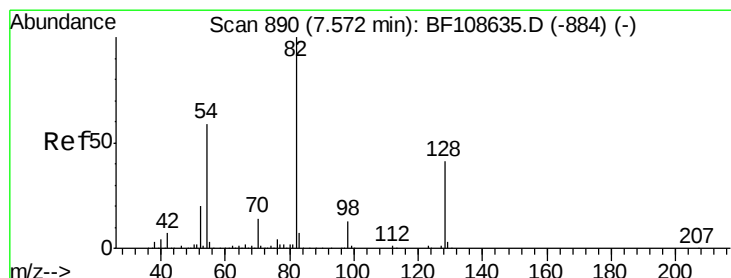
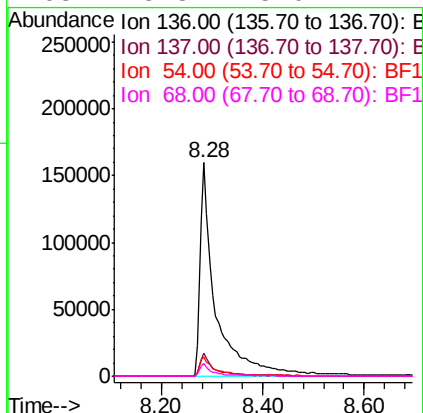
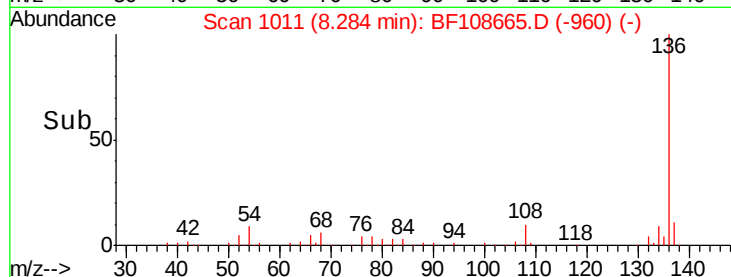
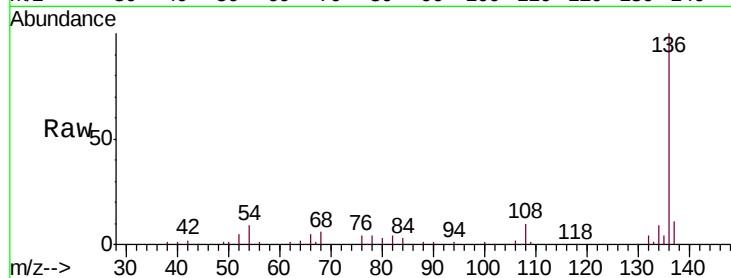




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108665.D
Acq: 31 Aug 2018 2:37

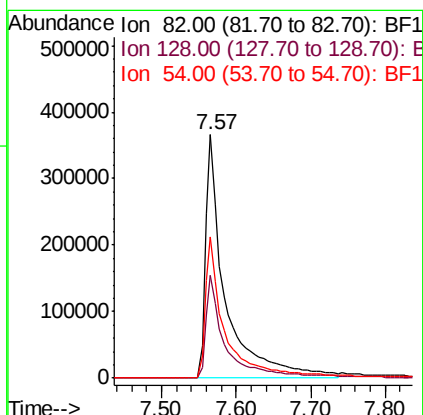
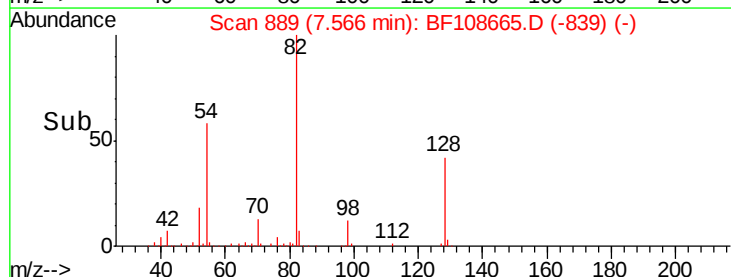
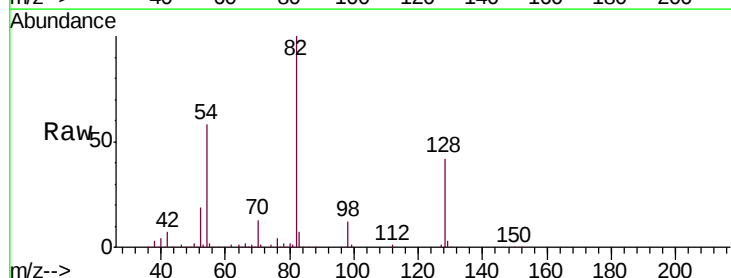
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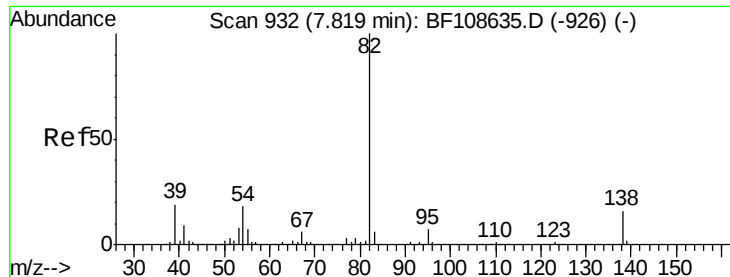
Tgt Ion:	136	Resp:	346296
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 99.577 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108665.D
Acq: 31 Aug 2018 2:37

Tgt Ion:	82	Resp:	679352
Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	58.0	41.4	62.2





#25

Isophorone

Concen: 59.943 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108665.D

Acq: 31 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-D-B

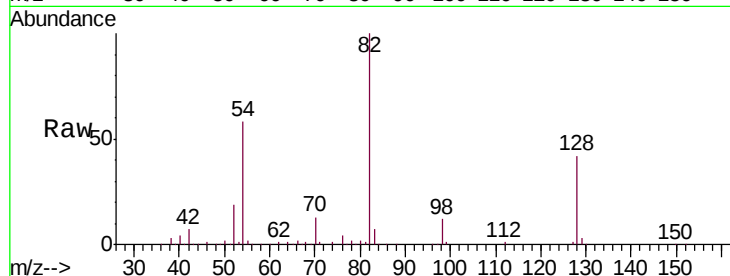
Tgt Ion: 82 Resp: 679352

Ion Ratio Lower Upper

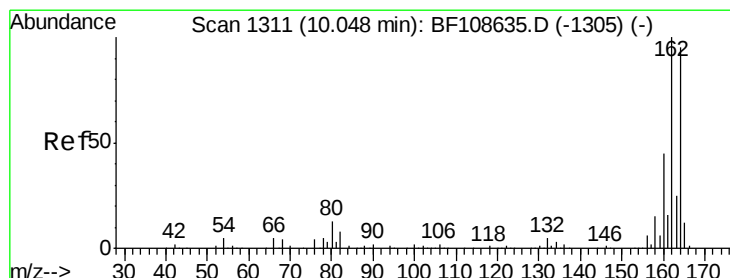
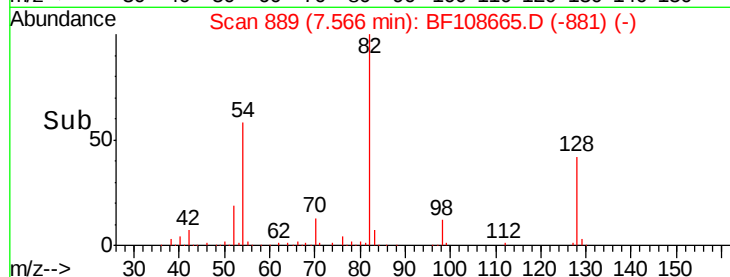
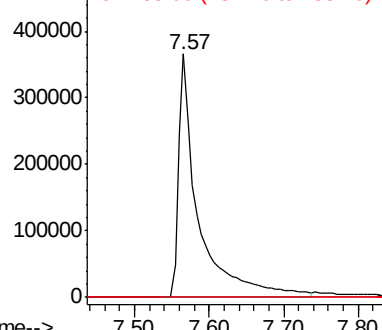
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108665.D

Acq: 31 Aug 2018 2:37

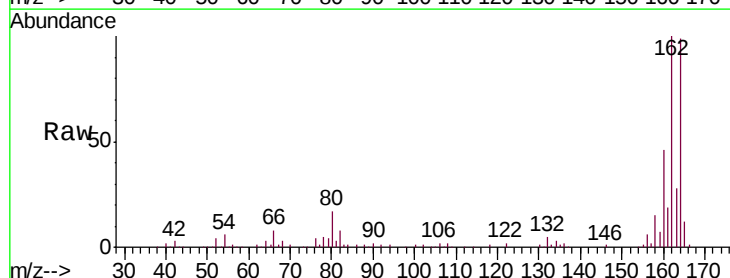
Tgt Ion: 164 Resp: 173195

Ion Ratio Lower Upper

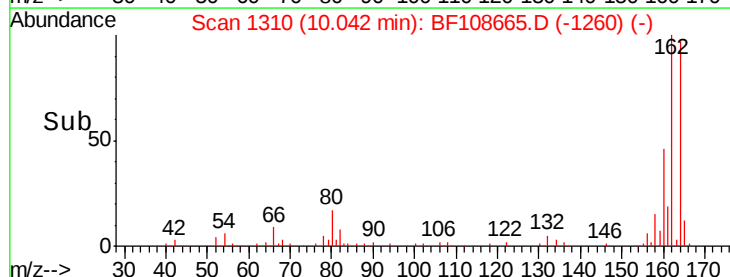
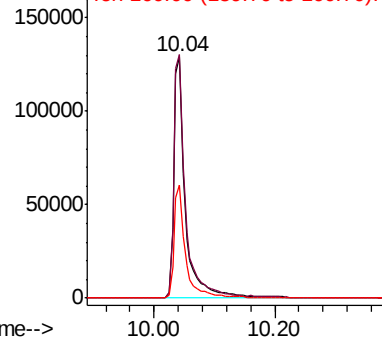
164 100

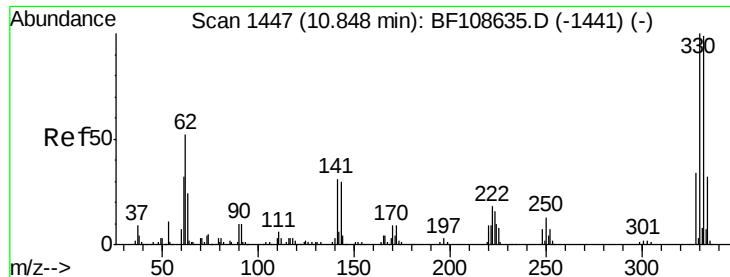
162 100.7 86.1 129.1

160 46.6 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

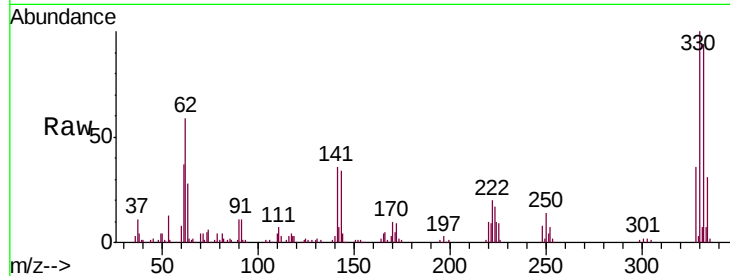




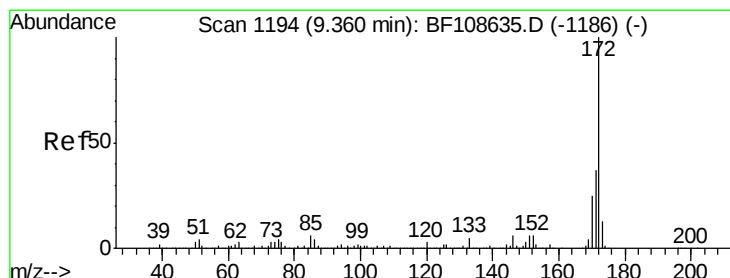
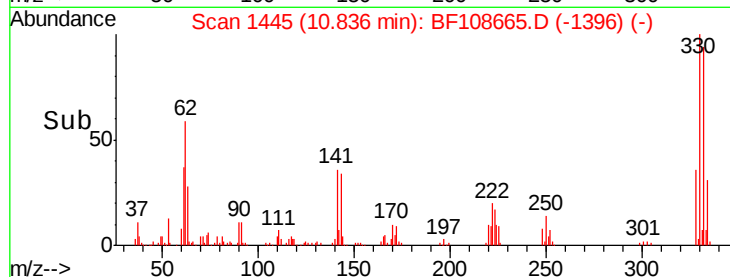
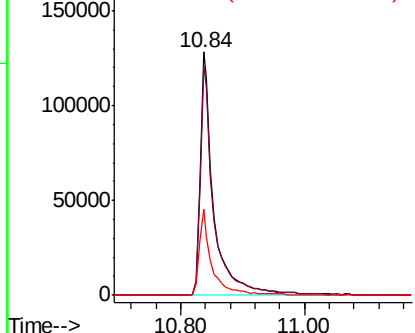
#41
 2,4,6-Tribromophenol
 Concen: 87.553 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108665.D
 Acq: 31 Aug 2018 2:37

Instrument :
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Tgt Ion:330 Resp: 200179
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 32.8 29.9 44.9

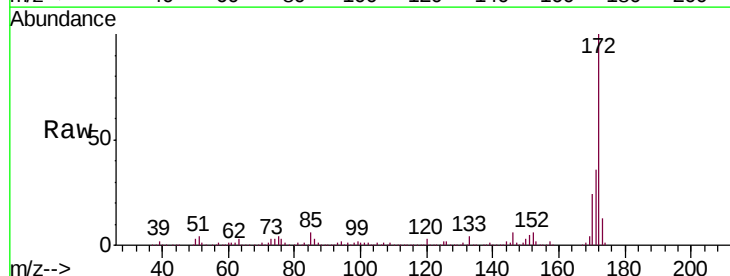


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

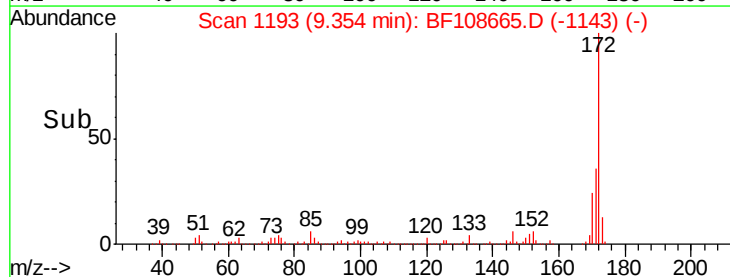
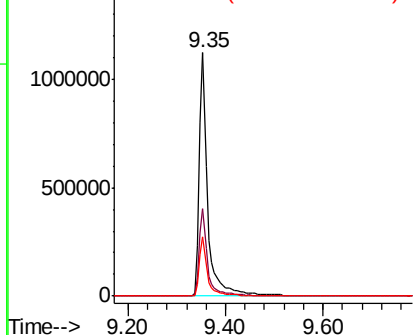


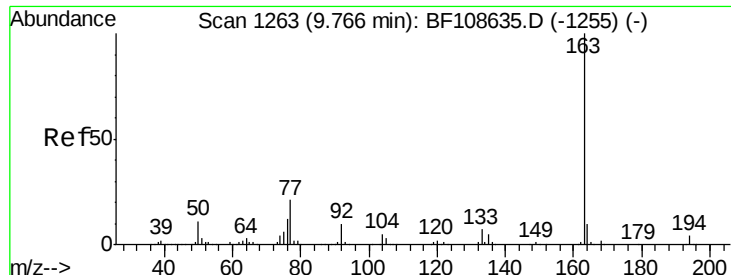
#44
 2-Fluorobiphenyl
 Concen: 105.635 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108665.D
 Acq: 31 Aug 2018 2:37

Tgt Ion:172 Resp: 1360680
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 4.702 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108665.D

Acq: 31 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-D-B

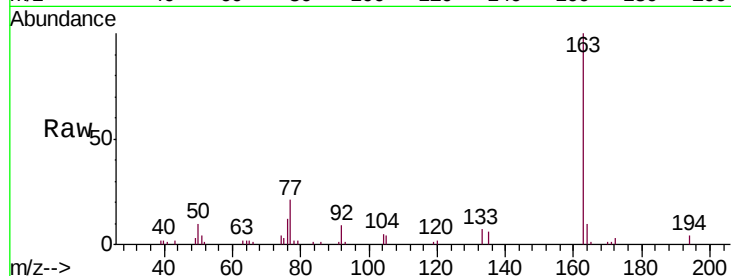
Tgt Ion:163 Resp: 64133

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

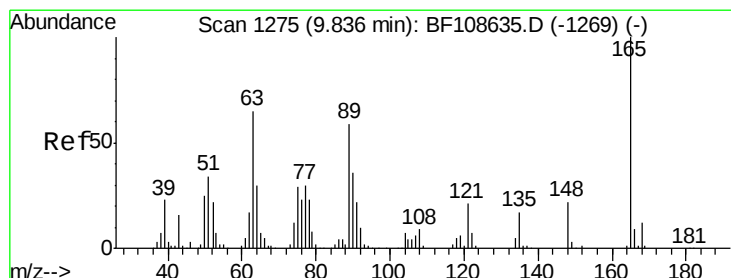
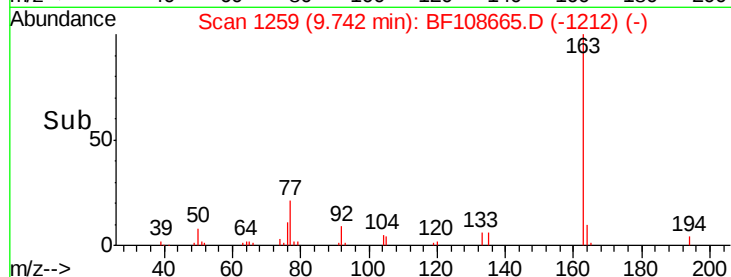
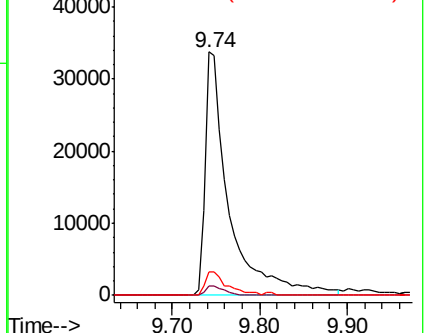
164 9.6 8.2 12.2



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: 6.832 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF108665.D

Acq: 31 Aug 2018 2:37

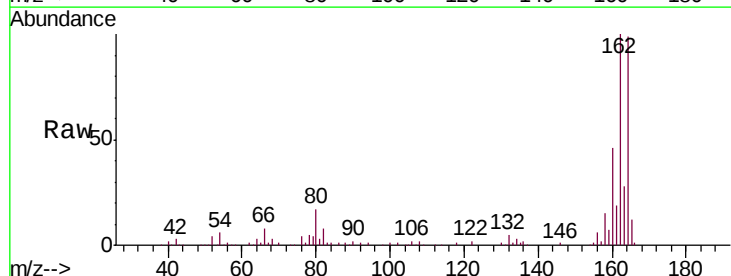
Tgt Ion:165 Resp: 20540

Ion Ratio Lower Upper

165 100

63 2.3 44.7 67.1#

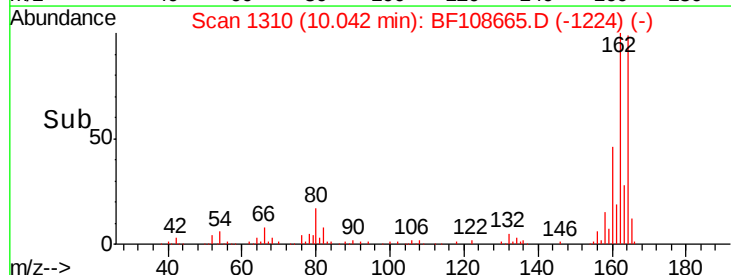
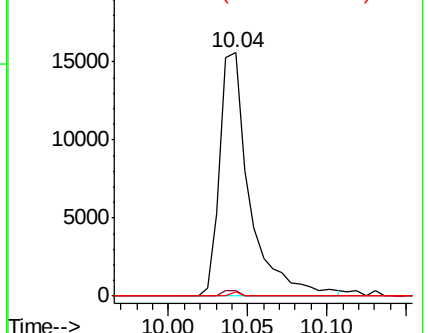
89 2.0 44.0 66.0#

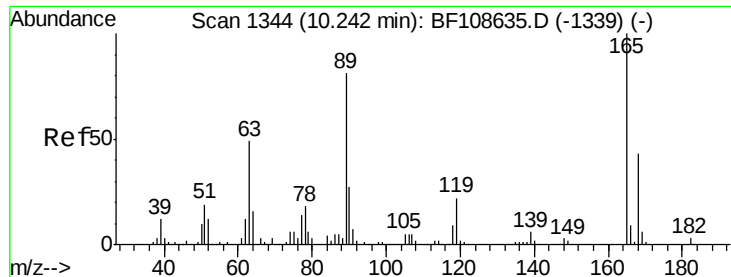


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

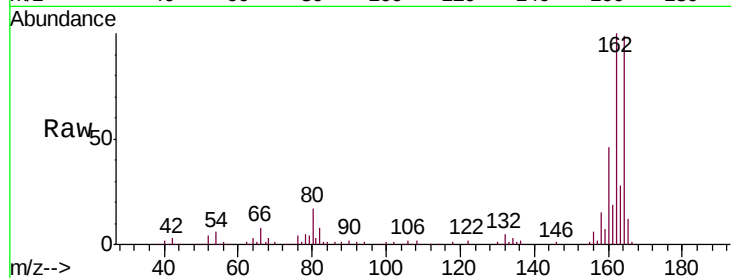




#56
2,4-Dinitrotoluene
Concen: 5.252 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108665.D
Acq: 31 Aug 2018 2:37

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

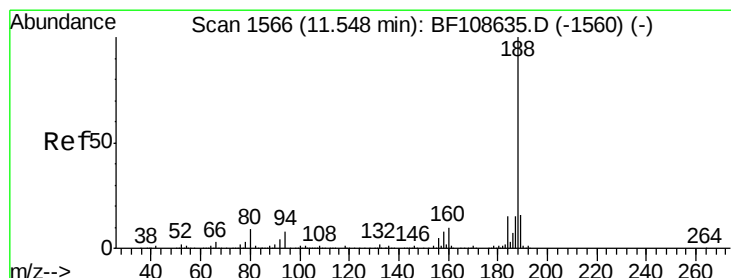
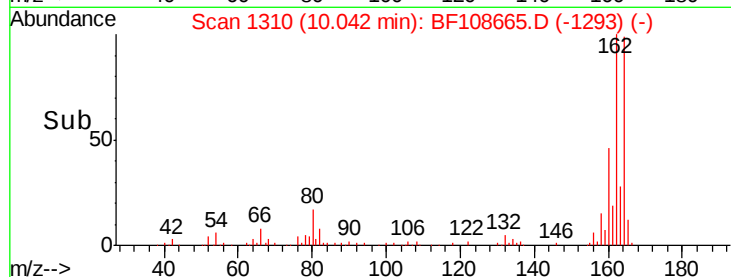
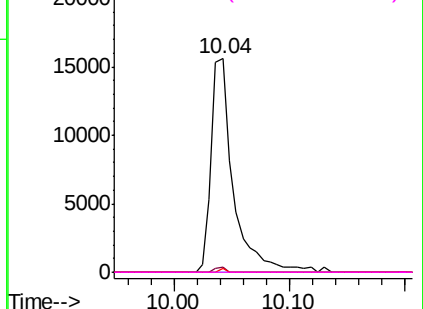


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

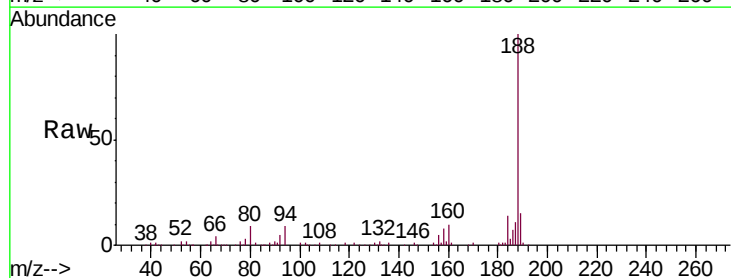
Ion 89.00 (88.70 to 89.70): BF1

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: BF108665.D
Acq: 31 Aug 2018 2:37

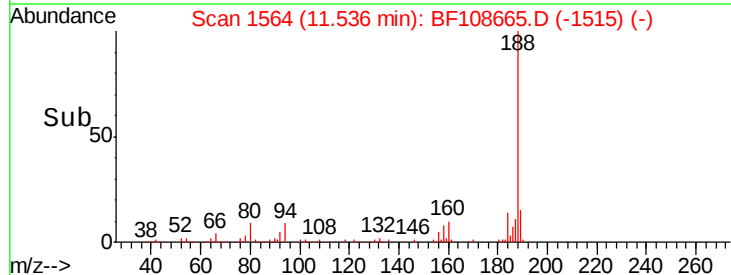
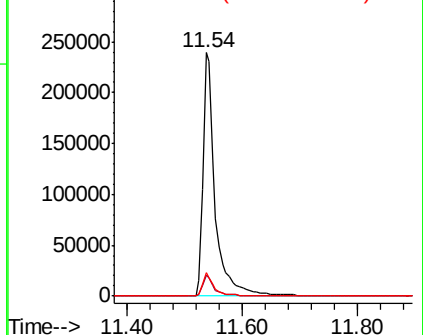
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.5	9.2	13.8

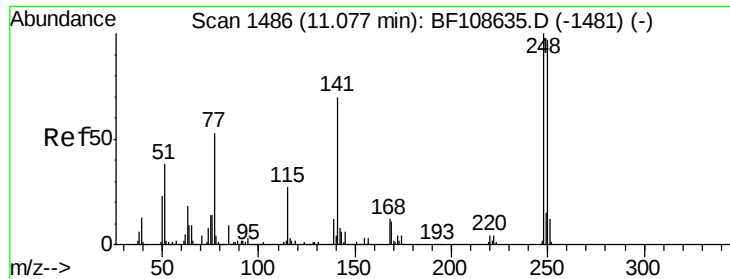


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

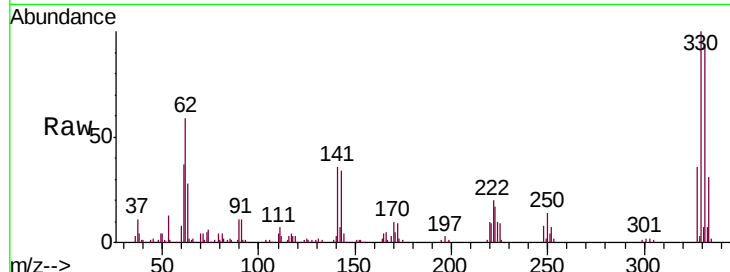




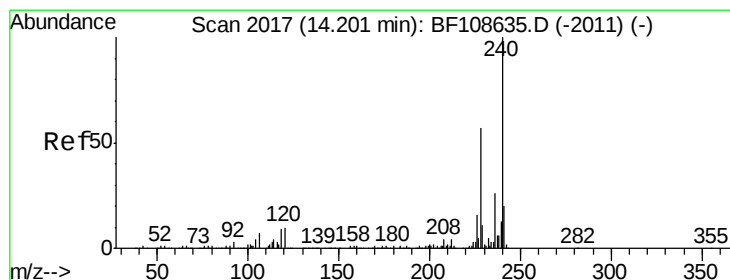
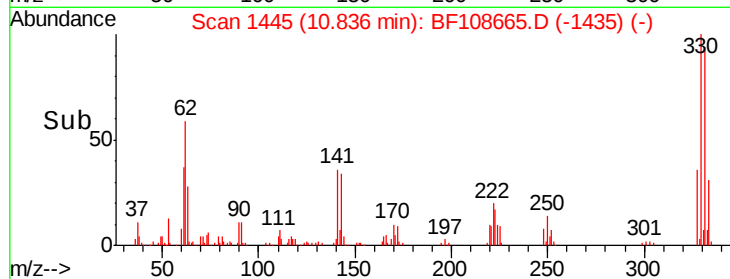
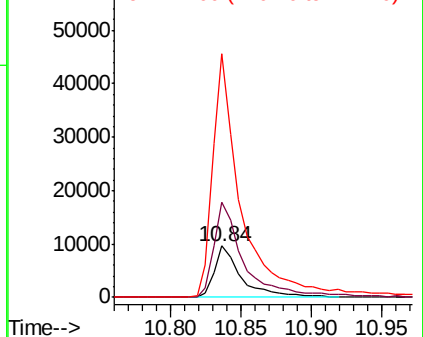
#66
 4-Bromophenyl-phenylether
 Concen: 2.973 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108665.D
 Acq: 31 Aug 2018 2:37

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

Tgt Ion:248 Resp: 12989
 Ion Ratio Lower Upper
 248 100
 250 183.6 76.9 115.3#
 141 472.2 74.4 111.6#

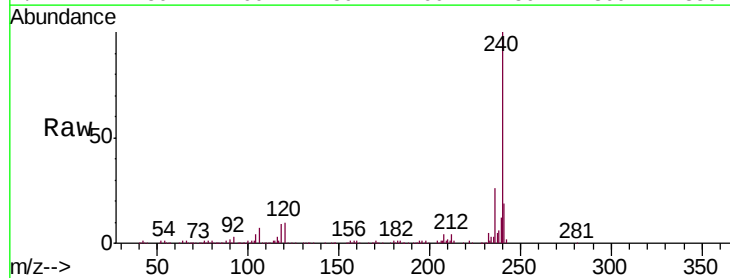


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

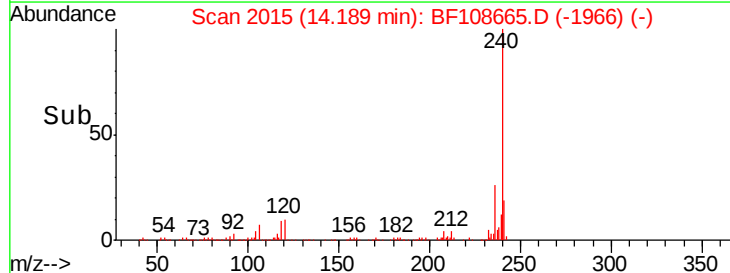
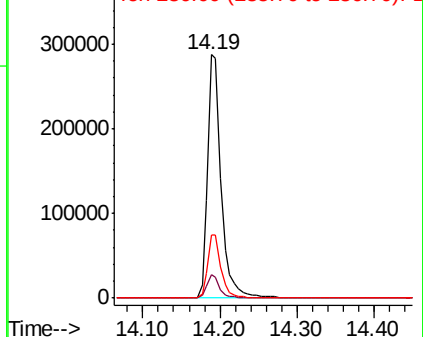


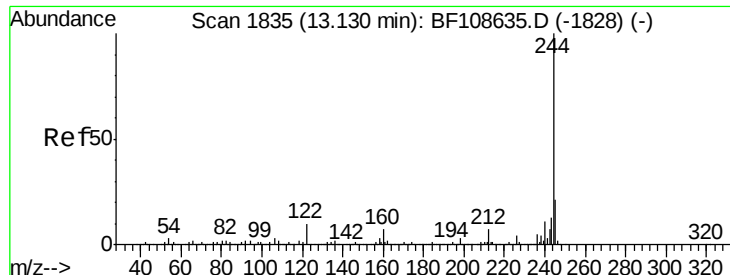
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108665.D
 Acq: 31 Aug 2018 2:37

Tgt Ion:240 Resp: 348533
 Ion Ratio Lower Upper
 240 100
 120 9.8 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: 79.695 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108665.D

Acq: 31 Aug 2018 2:37

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-D-B

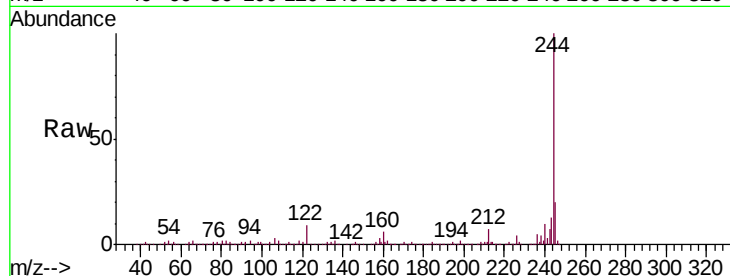
Tgt Ion:244 Resp: 1429601

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

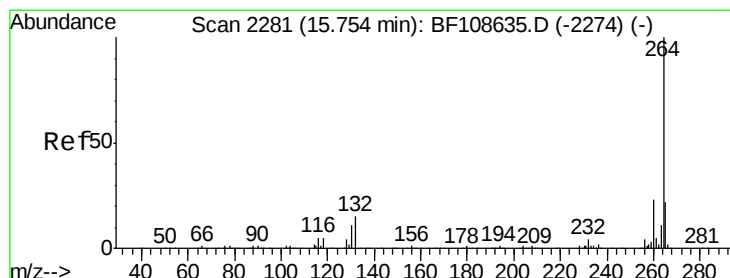
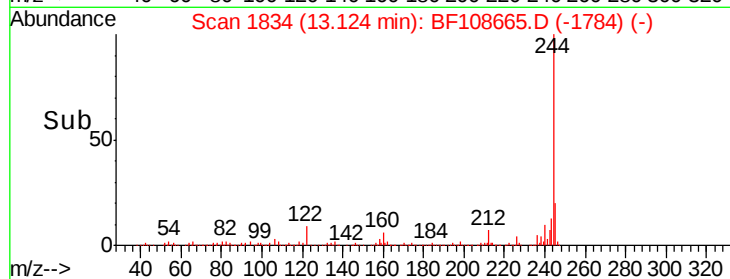
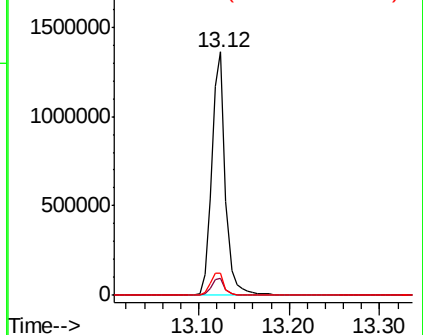
122 8.9 11.0 16.4#



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: BF108665.D

Acq: 31 Aug 2018 2:37

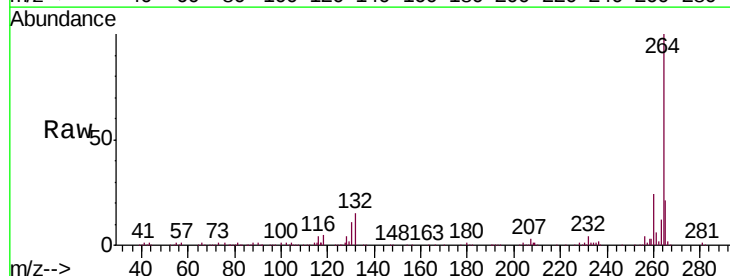
Tgt Ion:264 Resp: 289474

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 20.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

