

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108676.D
 Acq On : 31 Aug 2018 8:07
 Operator : JU/SJ
 Sample : J4700-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 082818-JETT-F-U-B

Quant Time: Aug 31 08:32:05 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

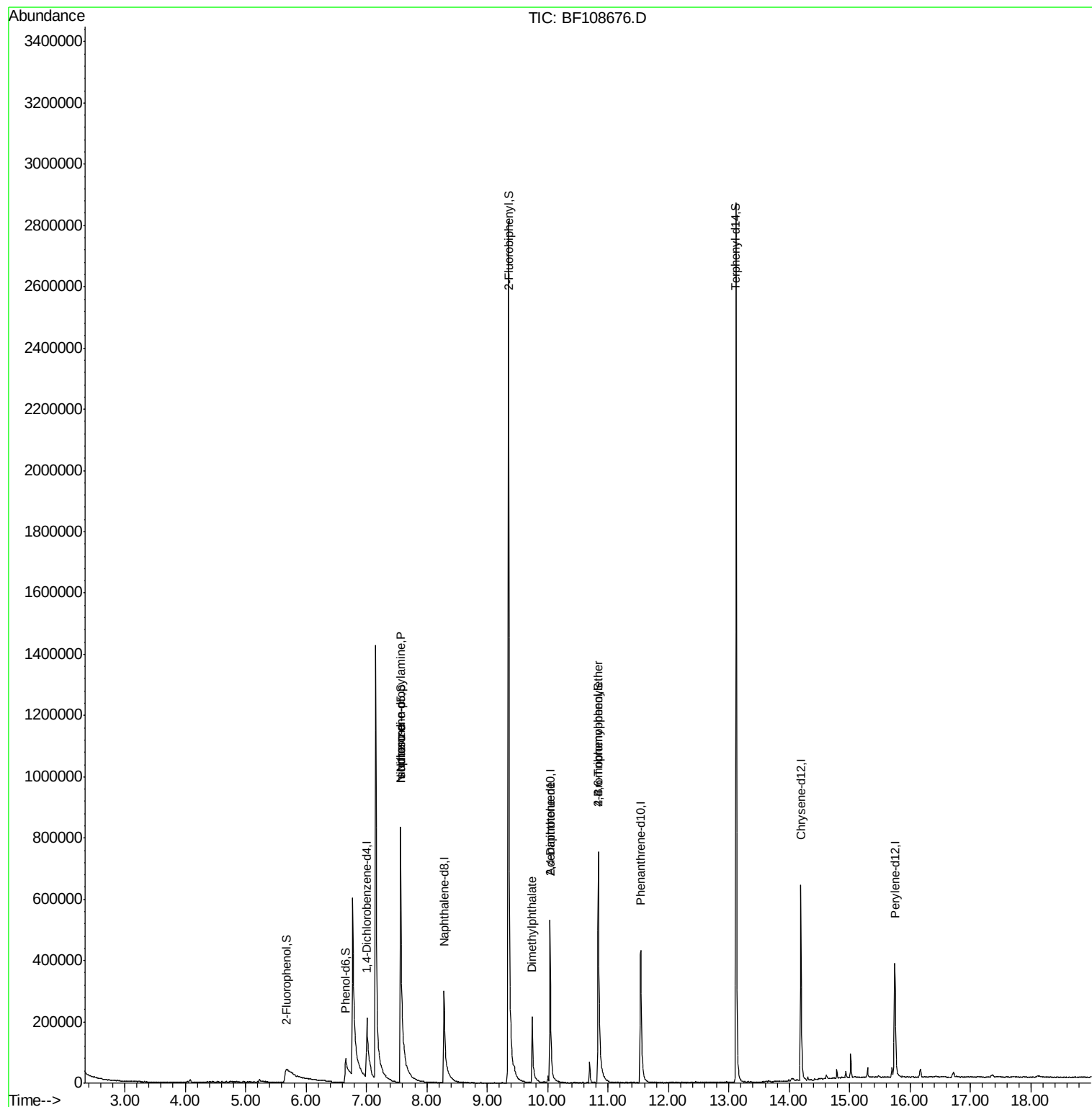
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	82313	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	343126	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	166015	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	306454	20.00	ng	0.00
75) Chrysene-d12	14.19	240	304247	20.00	ng	-0.01
86) Perylene-d12	15.75	264	258512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	45879	9.68	ng	0.04
7) Phenol-d6	6.66	99	142420	20.99	ng	0.01
23) Nitrobenzene-d5	7.57	82	629890	93.18	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	168661	76.96	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1266376	102.57	ng	0.00
78) Terphenyl-d14	13.12	244	1164822	74.39	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	74954	16.493	ng	# 84
25) Isophorone	7.57	82	646954	57.612	ng	# 64
49) Dimethylphthalate	9.74	163	166987	12.773	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	20317	5.325	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	10658	2.830	ng	# 1

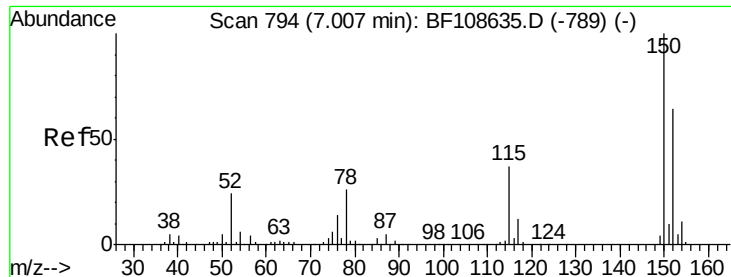
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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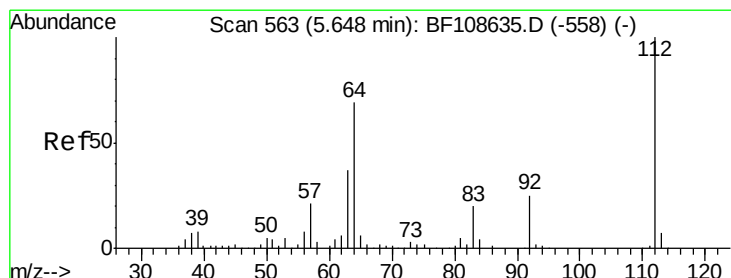
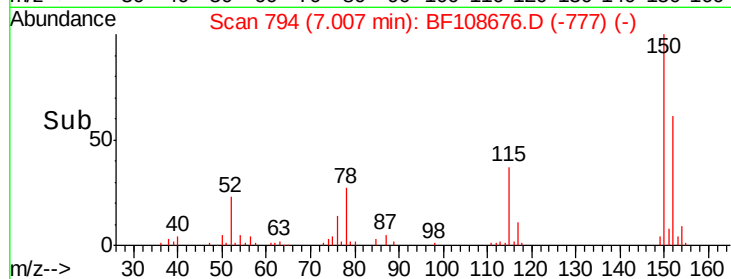
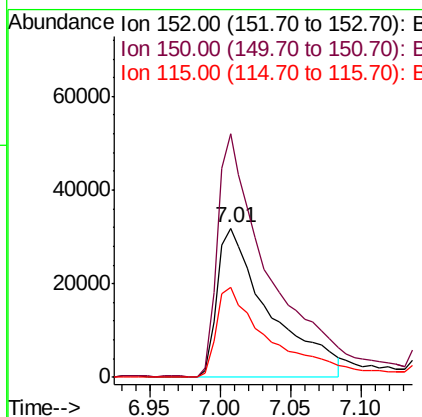
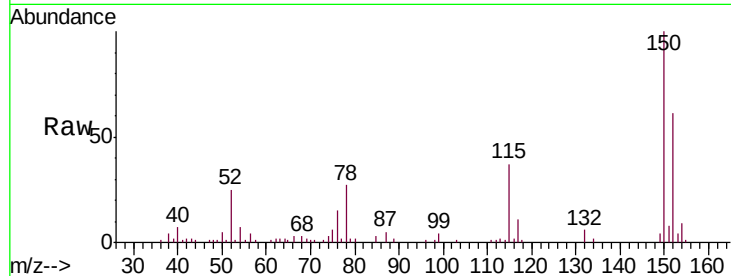


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108676.D
Acq: 31 Aug 2018 8:07

Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-U-B

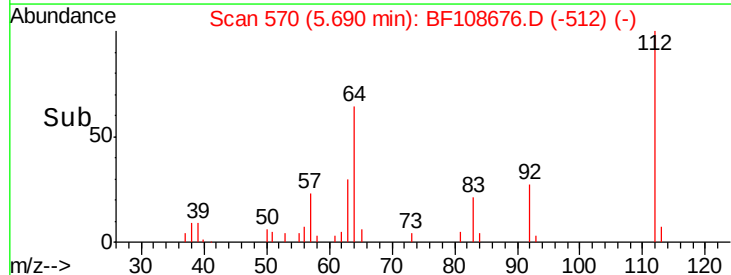
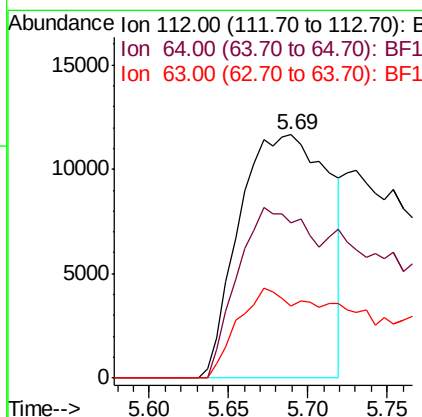
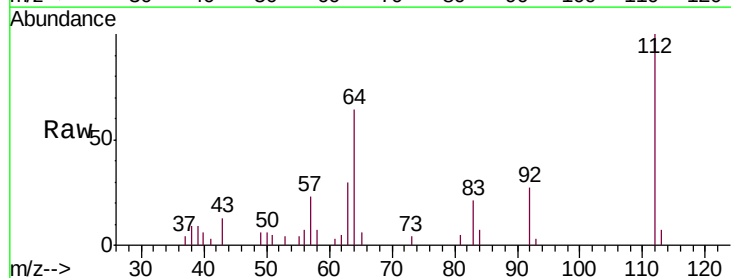
Tgt Ion:152 Resp: 82313
Ion Ratio Lower Upper
152 100
150 163.3 124.6 186.8
115 60.4 50.1 75.1

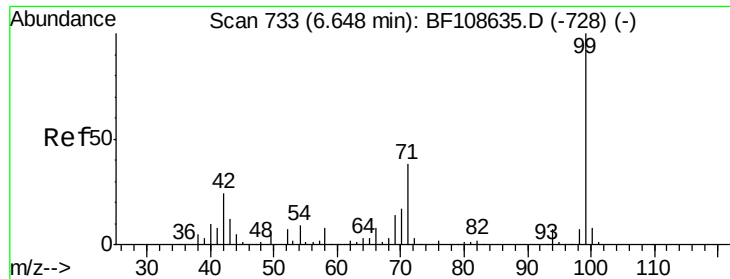


#5

2-Fluorophenol
Concen: 9.683 ng
RT: 5.69 min Scan# 570
Delta R.T. 0.04 min
Lab File: BF108676.D
Acq: 31 Aug 2018 8:07

Tgt Ion:112 Resp: 45879
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 20.986 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108676.D

Acq: 31 Aug 2018 8:07

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-U-B

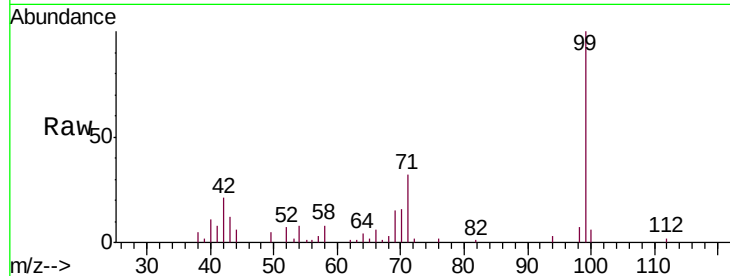
Tgt Ion: 99 Resp: 142420

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

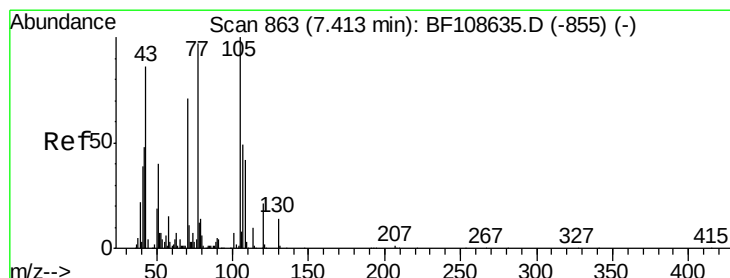
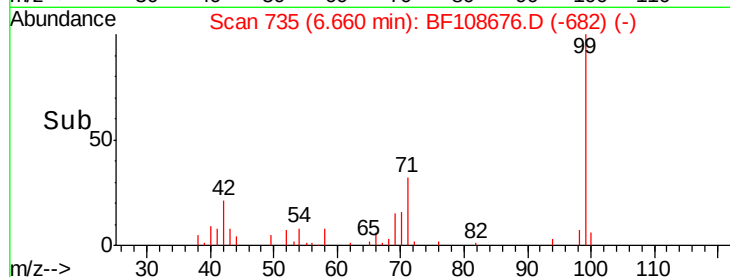
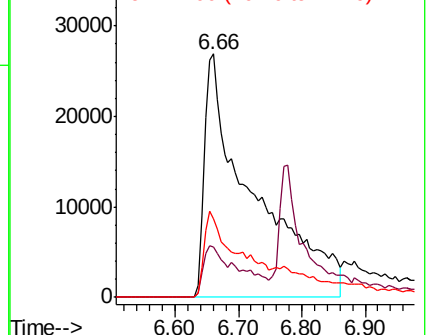
71 32.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.493 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108676.D

Acq: 31 Aug 2018 8:07

Tgt Ion: 70 Resp: 74954

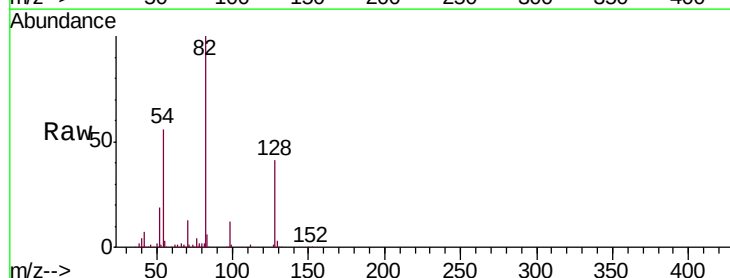
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

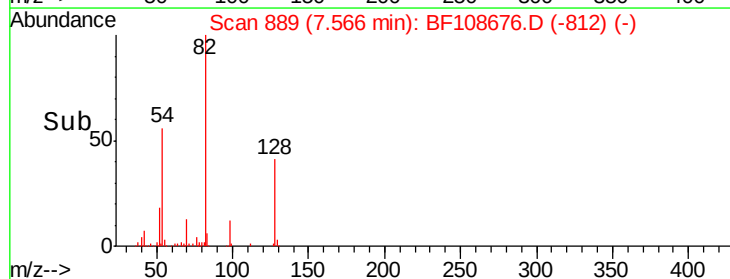
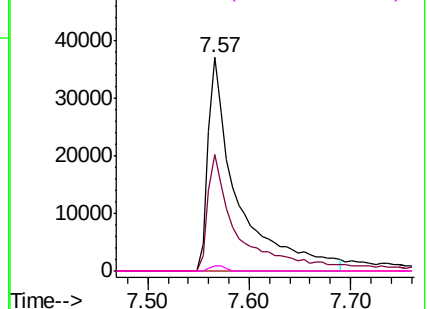


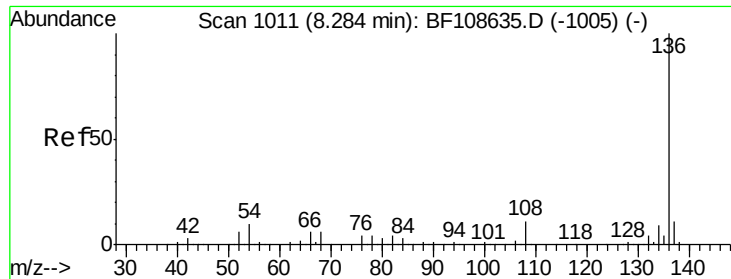
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

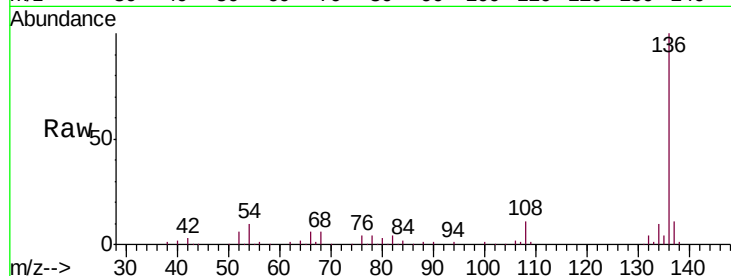




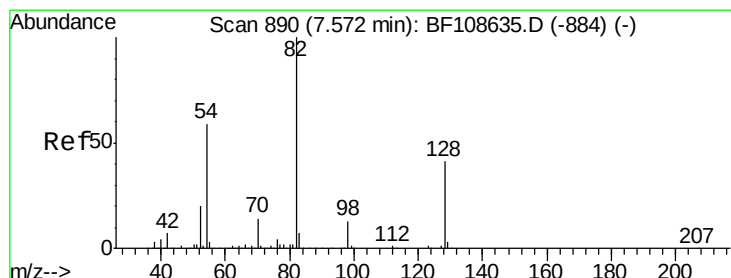
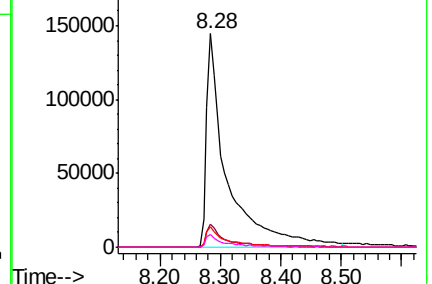
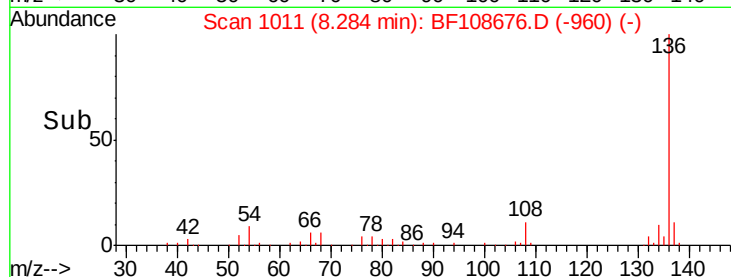
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108676.D
Acq: 31 Aug 2018 8:07

Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-U-B

Tgt Ion:	136	Resp:	343126
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.7	6.6	9.8
68	5.8	5.0	7.4

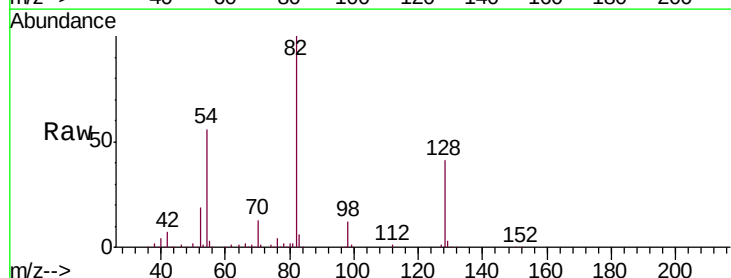


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

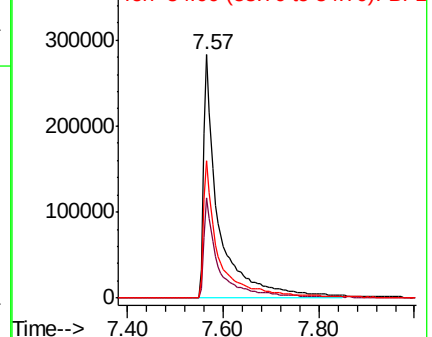
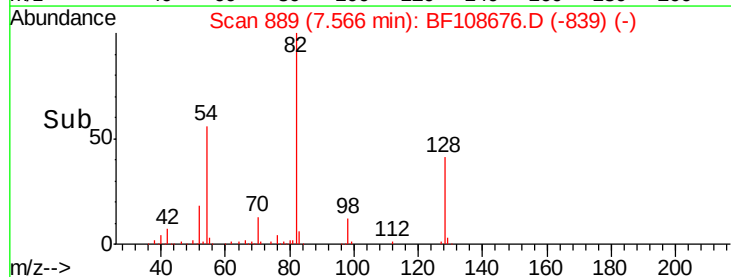


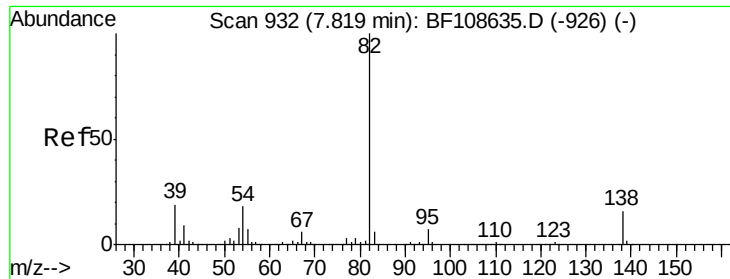
#23
Nitrobenzene-d5
Concen: 93.180 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108676.D
Acq: 31 Aug 2018 8:07

Tgt Ion:	82	Resp:	629890
Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	56.3	41.4	62.2



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





#25

Isophorone

Concen: 57.612 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108676.D

Acq: 31 Aug 2018 8:07

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-U-B

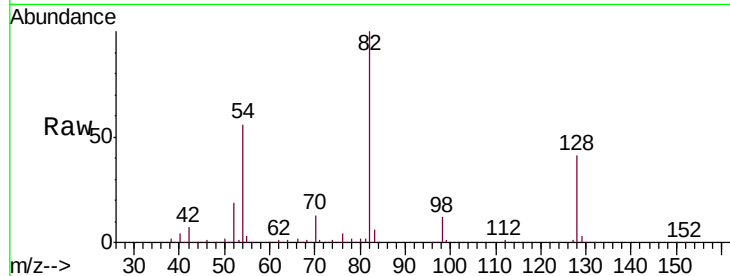
Tgt Ion: 82 Resp: 646954

Ion Ratio Lower Upper

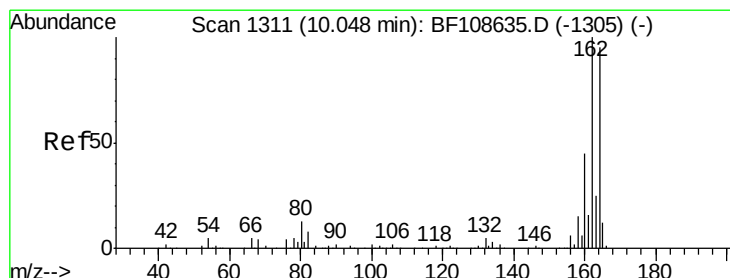
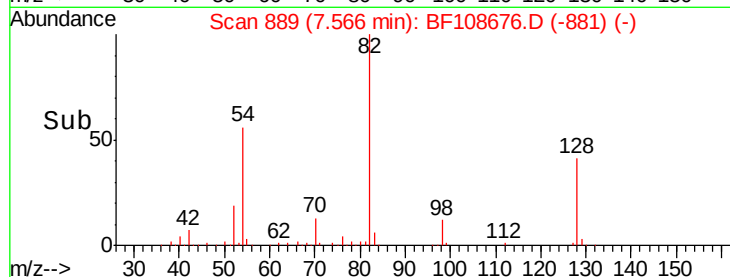
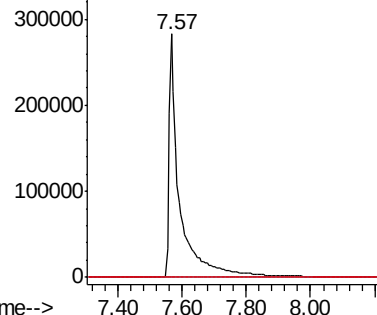
82 100

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: BF108676.D

Acq: 31 Aug 2018 8:07

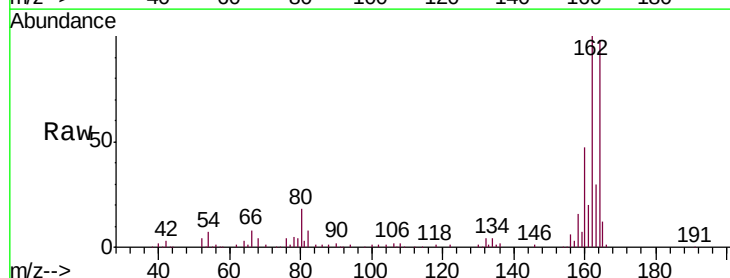
Tgt Ion: 164 Resp: 166015

Ion Ratio Lower Upper

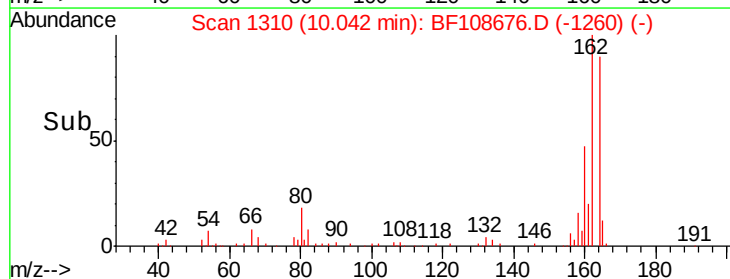
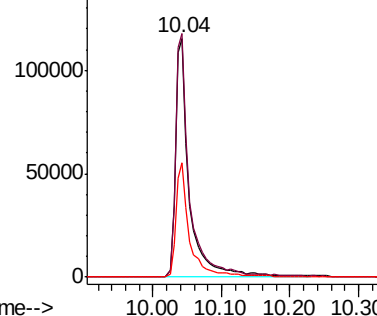
164 100

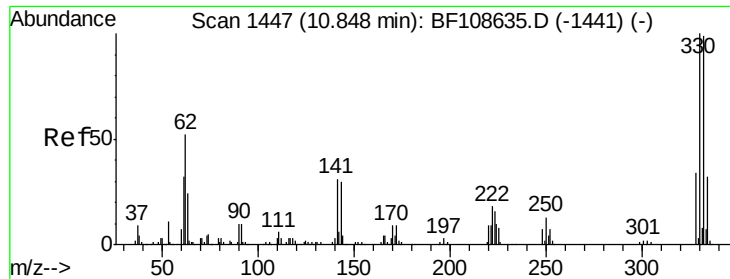
162 102.1 86.1 129.1

160 48.1 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

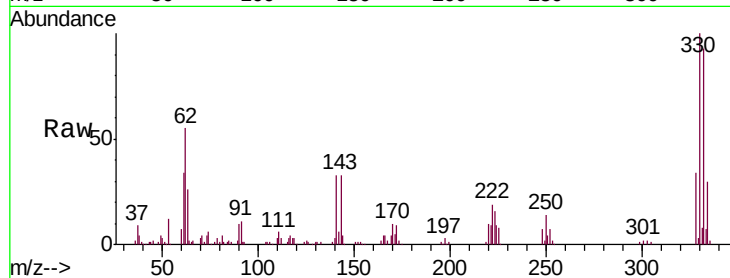




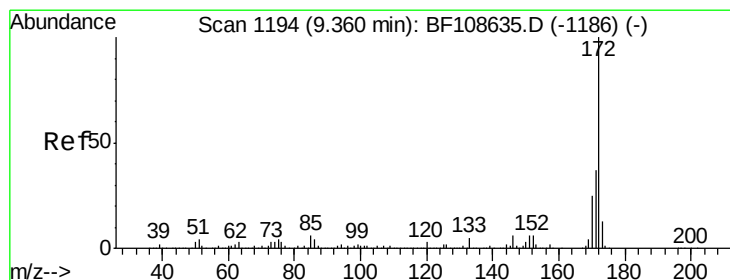
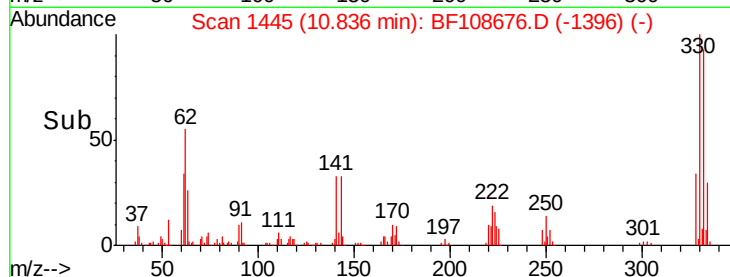
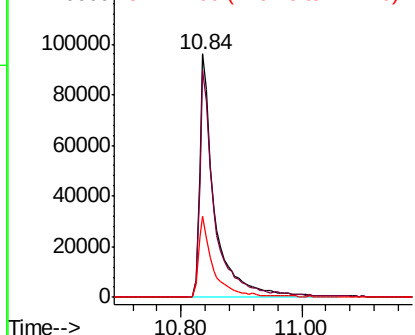
#41
 2,4,6-Tribromophenol
 Concen: 76.958 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108676.D
 Acq: 31 Aug 2018 8:07

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 082818-JETT-F-U-B

Tgt Ion:330 Resp: 168661
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 32.1 29.9 44.9

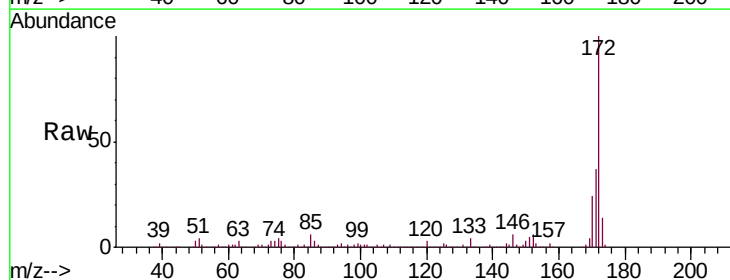


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

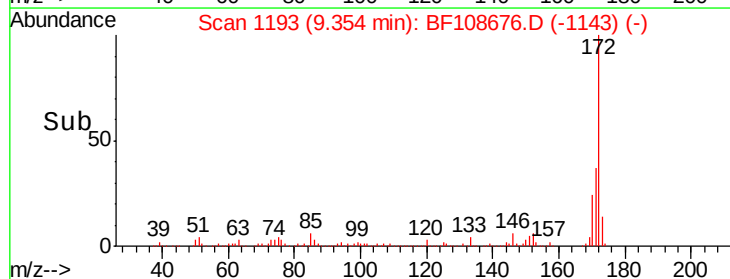
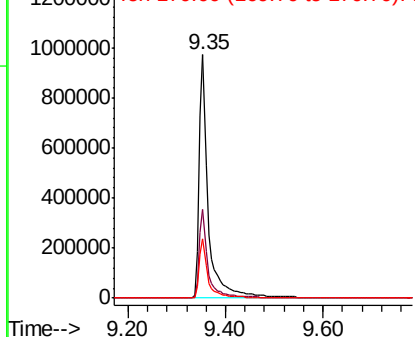


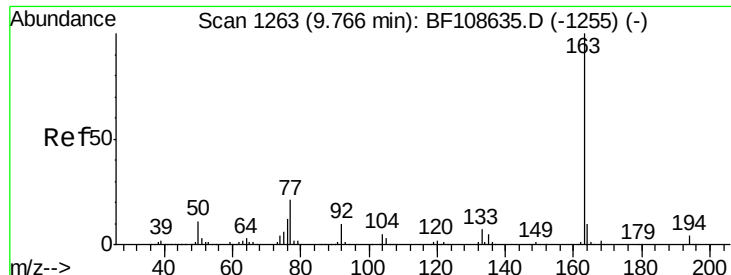
#44
 2-Fluorobiphenyl
 Concen: 102.565 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108676.D
 Acq: 31 Aug 2018 8:07

Tgt Ion:172 Resp: 1266376
 Ion Ratio Lower Upper
 172 100
 171 36.5 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: 12.773 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108676.D

Acq: 31 Aug 2018 8:07

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-U-B

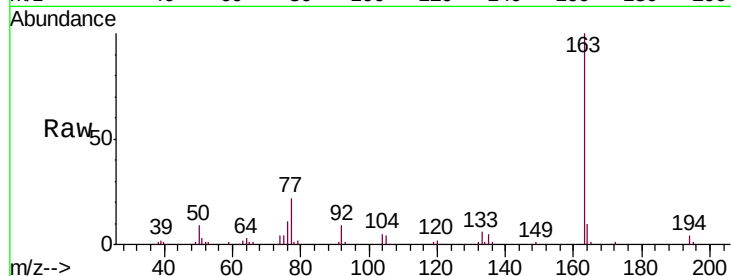
Tgt Ion:163 Resp: 166987

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

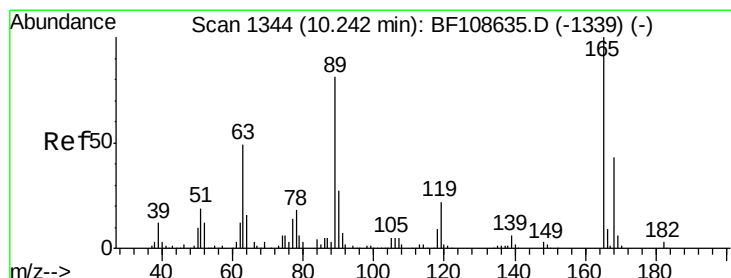
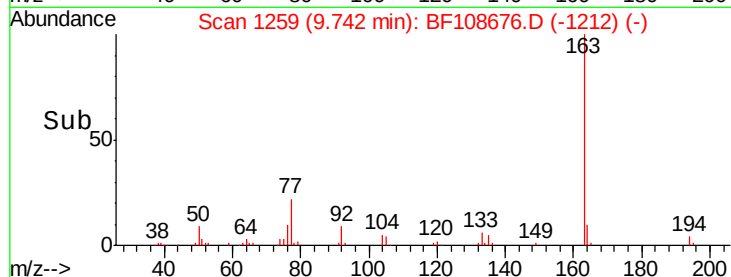
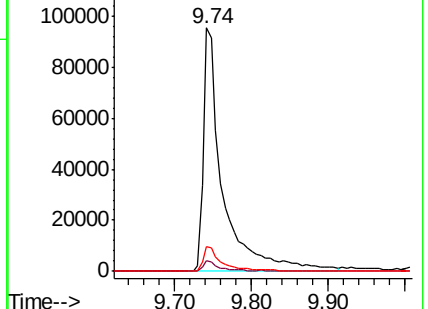
164 10.1 8.2 12.2



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: 5.325 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.20 min

Lab File: BF108676.D

Acq: 31 Aug 2018 8:07

Tgt Ion:165 Resp: 20317

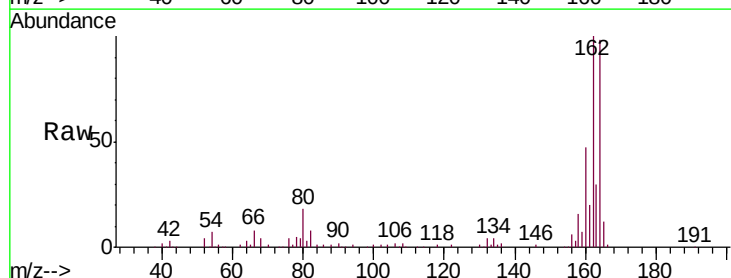
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

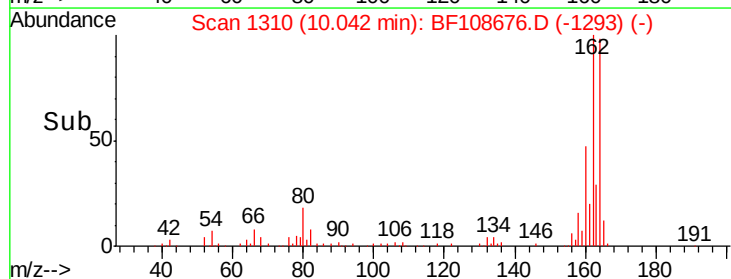
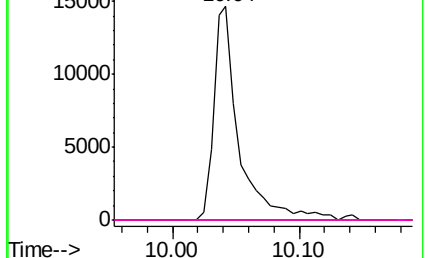


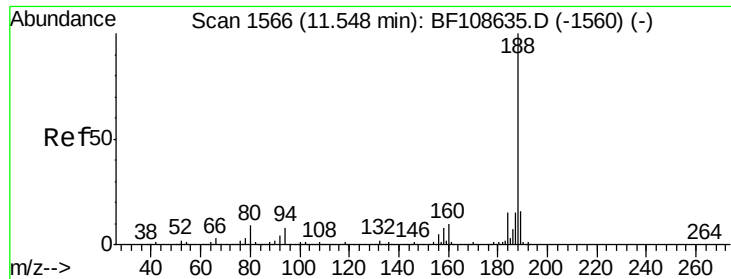
Abundance Ion 165.00 (164.70 to 165.70): E

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

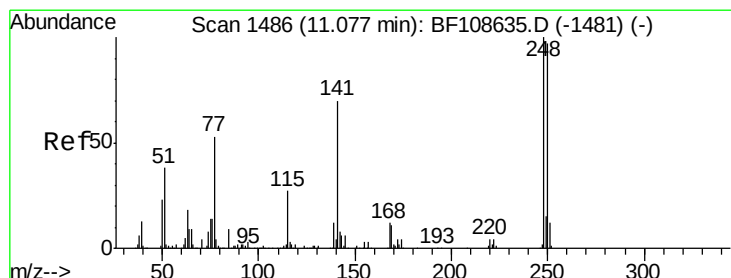
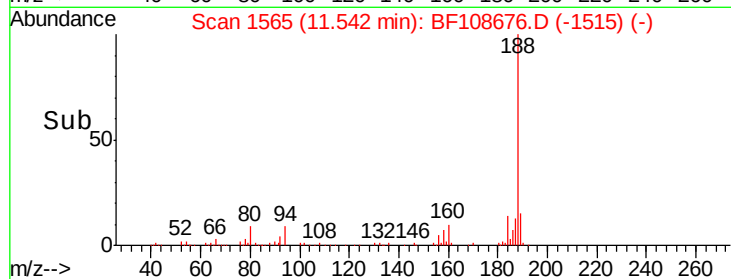
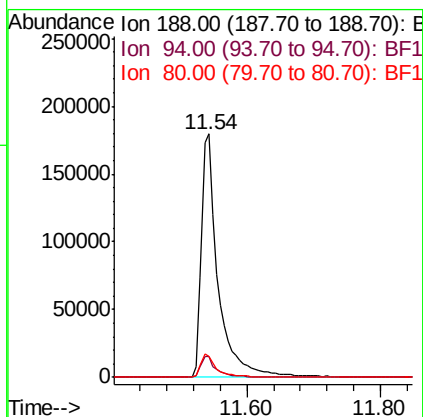
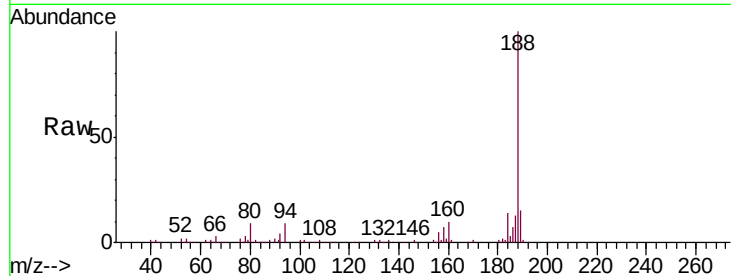




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108676.D
 Acq: 31 Aug 2018 8:07

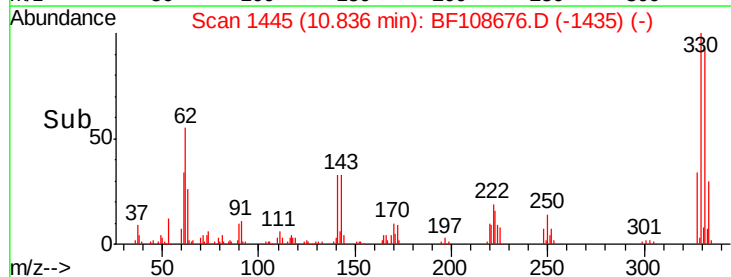
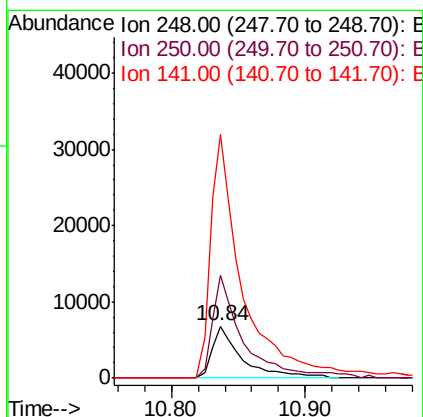
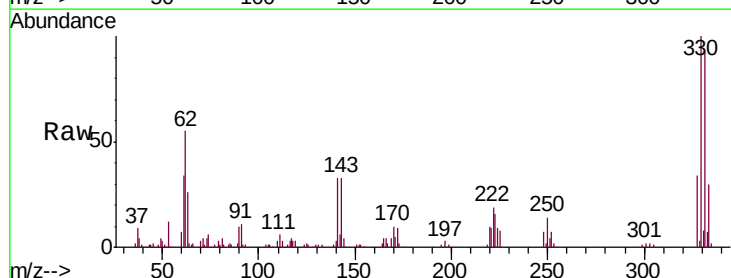
Instrument :
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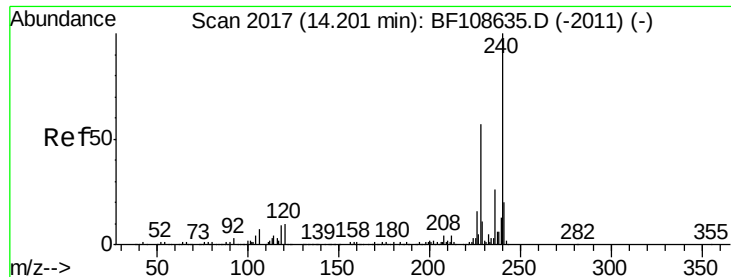
Tgt Ion:188 Resp: 306454
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7
 80 8.8 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.830 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108676.D
 Acq: 31 Aug 2018 8:07

Tgt Ion:248 Resp: 10658
 Ion Ratio Lower Upper
 248 100
 250 200.2 76.9 115.3#
 141 471.4 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: BF108676.D

Acq: 31 Aug 2018 8:07

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-U-B

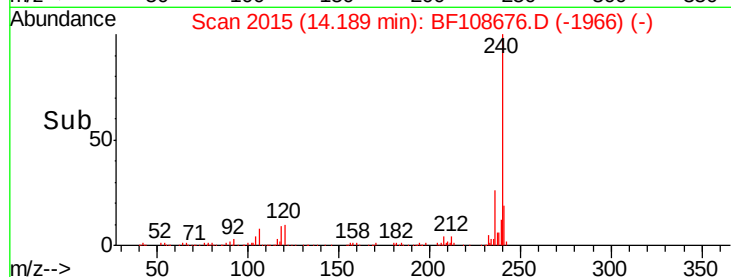
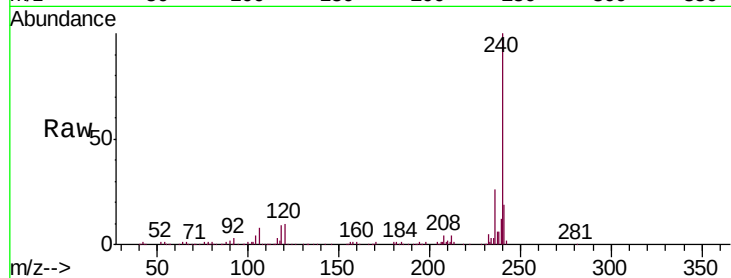
Tgt Ion:240 Resp: 304247

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

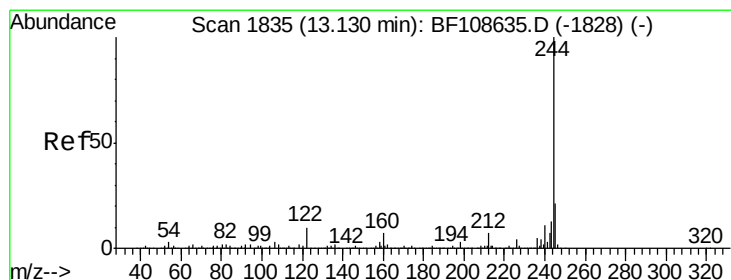
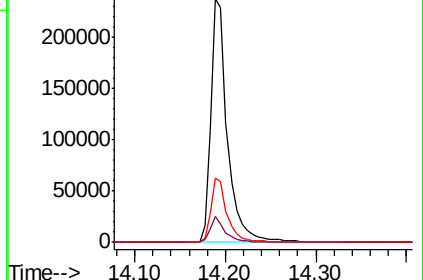
236 26.3 20.7 31.1



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: 74.387 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108676.D

Acq: 31 Aug 2018 8:07

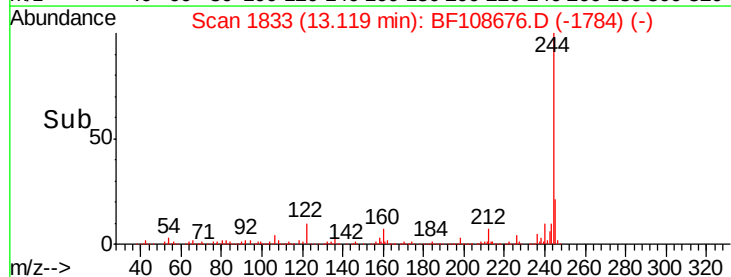
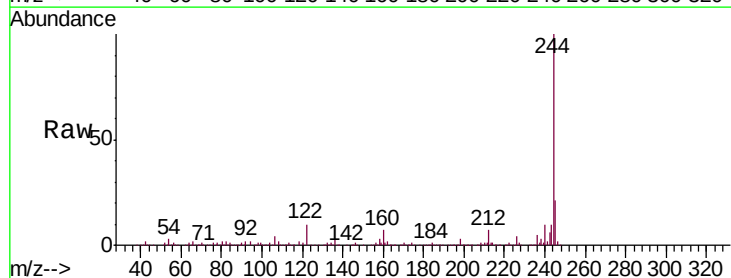
Tgt Ion:244 Resp: 1164822

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

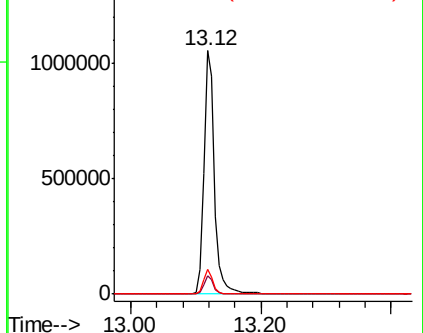
122 10.2 11.0 16.4#

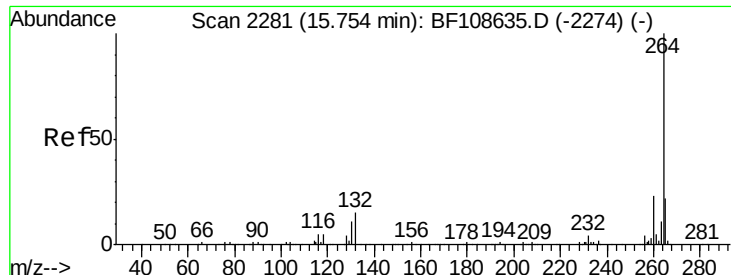


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108676.D
Acq: 31 Aug 2018 8:07

Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-U-B

Tgt Ion:	264	Resp:	258512
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3

