

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108675.D
 Acq On : 31 Aug 2018 7:39
 Operator : JU/SJ
 Sample : J4700-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 082818-JETT-F-D-S

Quant Time: Aug 31 08:31:54 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

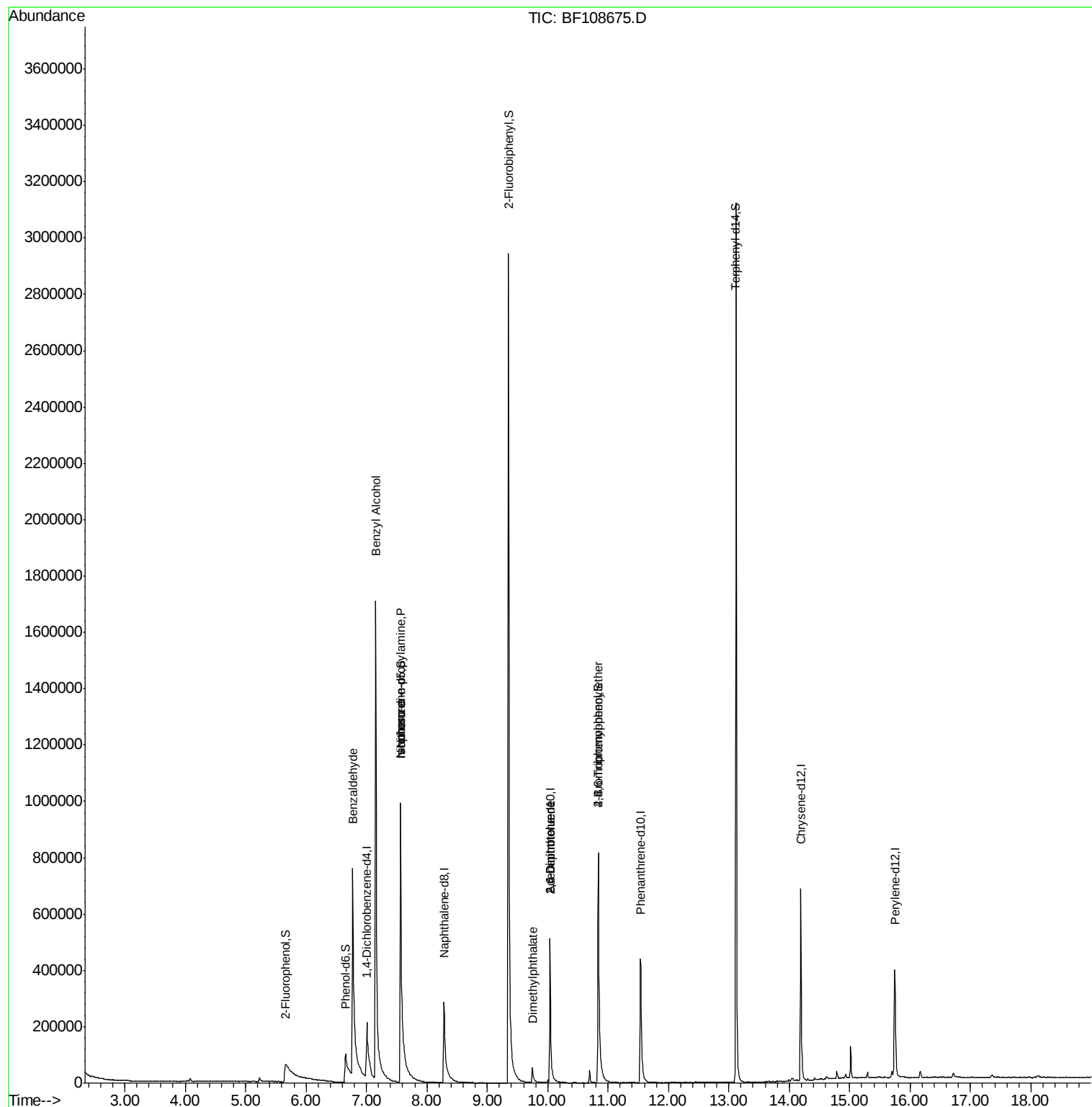
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	83482	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	349238	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	160853	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	308446	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	310376	20.00	ng	-0.01
86) Perylene-d12	15.75	264	261838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	97326	20.25	ng	0.02
7) Phenol-d6	6.65	99	183073	26.60	ng	0.00
23) Nitrobenzene-d5	7.57	82	699115	101.61	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	178120	83.88	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1349765	112.83	ng	0.00
78) Terphenyl-d14	13.12	244	1241867	77.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.77	77	9464	2.225	ng	# 88
15) Benzyl Alcohol	7.15	79	11659	2.355	ng	# 42
19) n-Nitroso-di-n-propylamine	7.57	70	84276	18.284	ng	# 81
25) Isophorone	7.57	82	705722	61.746	ng	# 64
49) Dimethylphthalate	9.75	163	49717	3.925	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	19791	7.088	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	20230	5.472	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	11275	2.974	ng	# 1

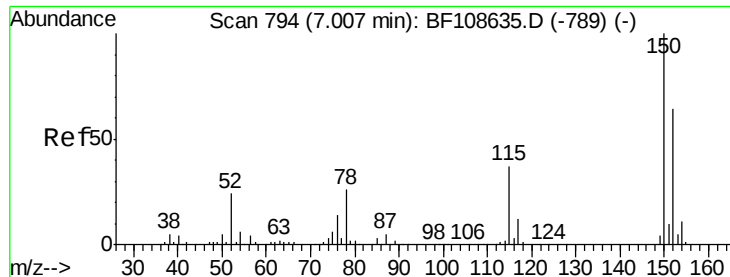
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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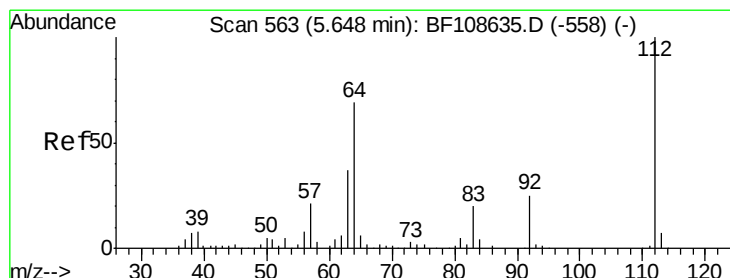
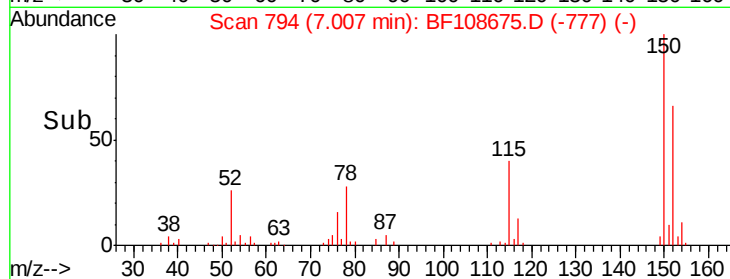
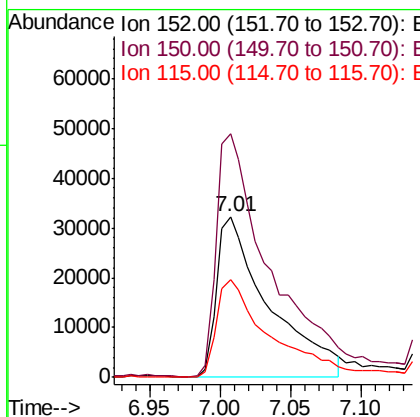
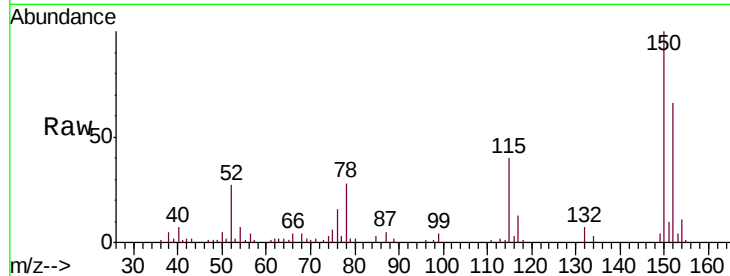




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF108675.D
 Acq: 31 Aug 2018 7:39

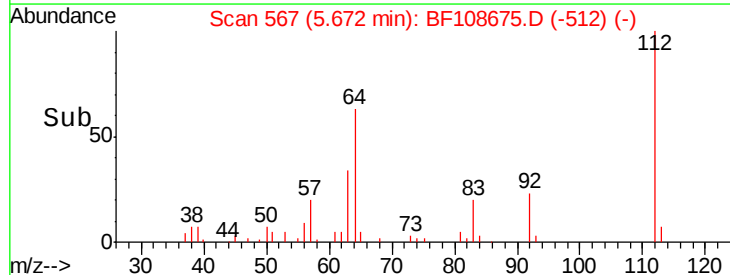
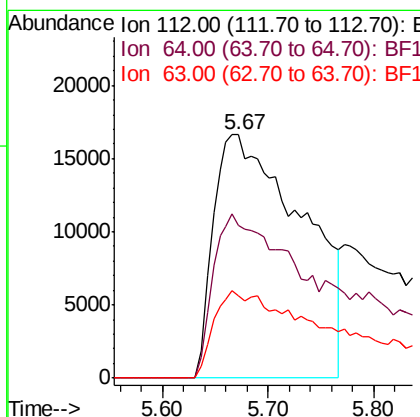
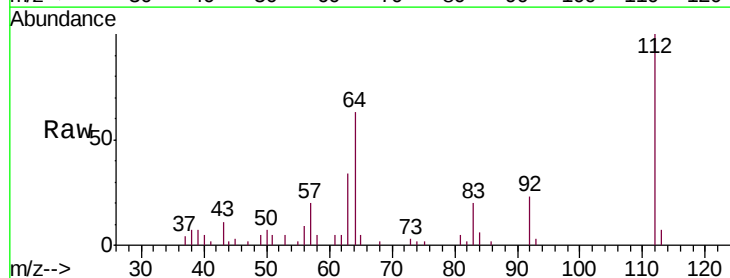
Instrument :
 BNA_G
 ClientSampleId :
 082818-JETT-F-D-S

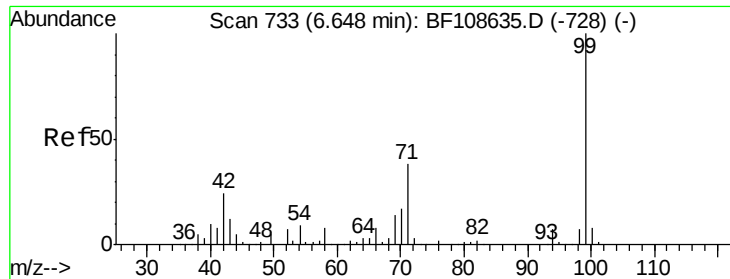
Tgt Ion:152 Resp: 83482
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.6 186.8
 115 61.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 20.253 ng
 RT: 5.67 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF108675.D
 Acq: 31 Aug 2018 7:39

Tgt Ion:112 Resp: 97326
 Ion Ratio Lower Upper
 112 100
 64 62.5 47.9 71.9
 63 33.9 23.7 35.5





#7

Phenol-d6

Concen: 26.599 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108675.D

Acq: 31 Aug 2018 7:39

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-D-S

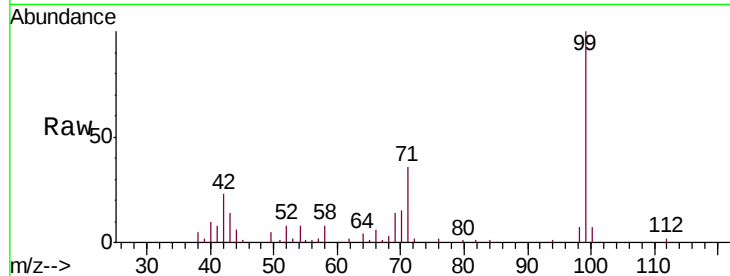
Tgt Ion: 99 Resp: 183073

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

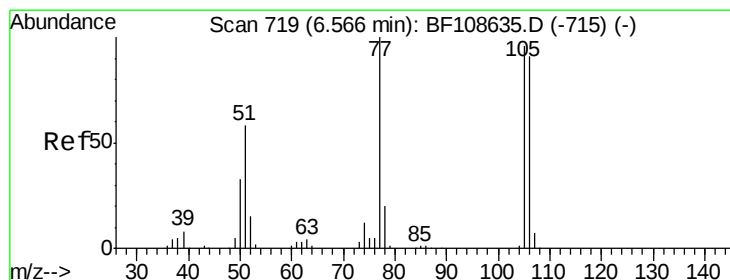
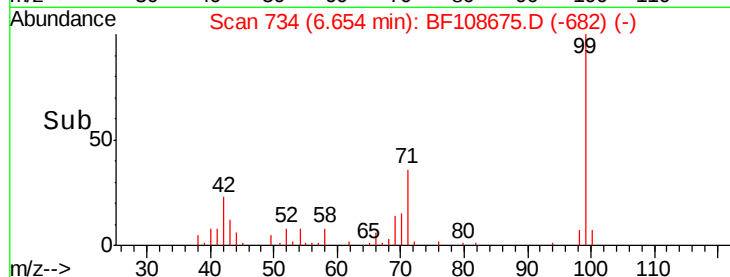
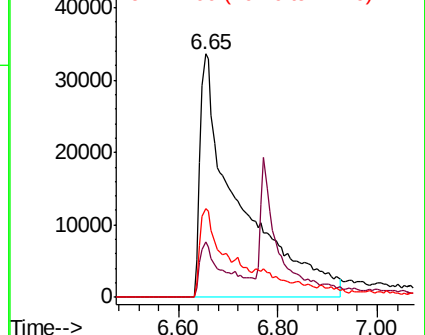
71 36.2 25.4 38.0



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: 2.225 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108675.D

Acq: 31 Aug 2018 7:39

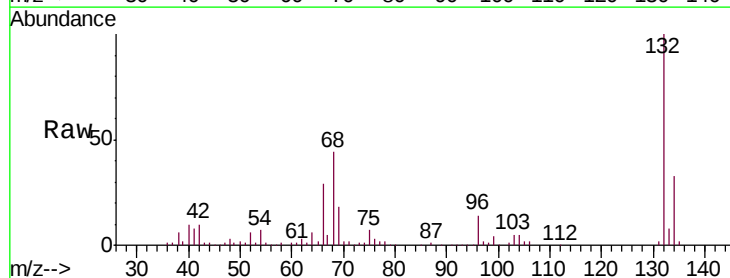
Tgt Ion: 77 Resp: 9464

Ion Ratio Lower Upper

77 100

105 102.6 81.1 121.1

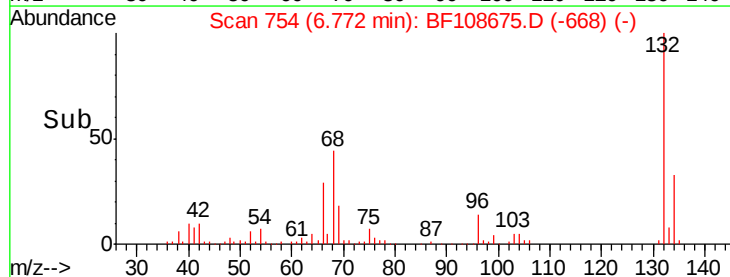
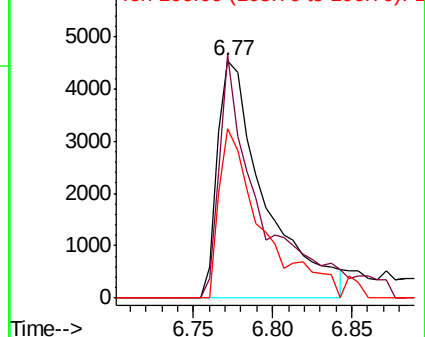
106 71.3 74.5 114.5#

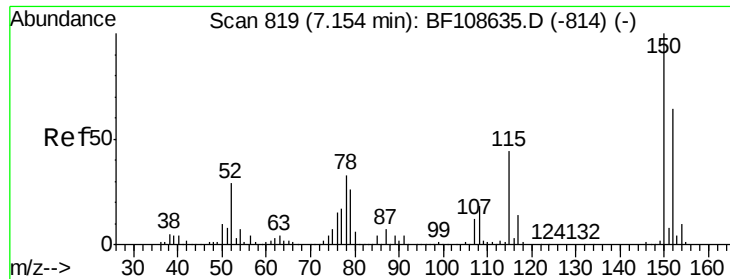


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

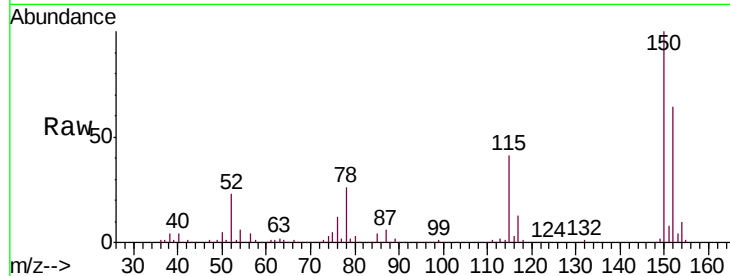




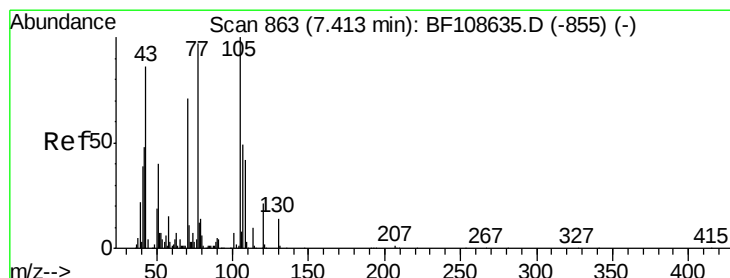
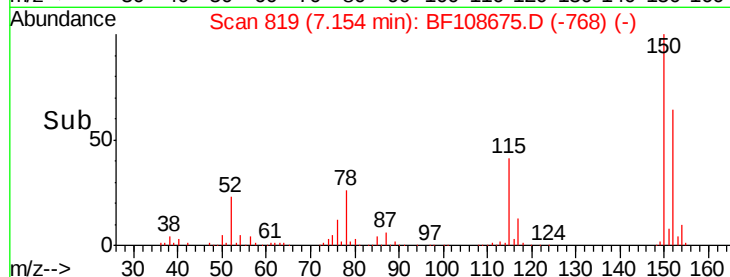
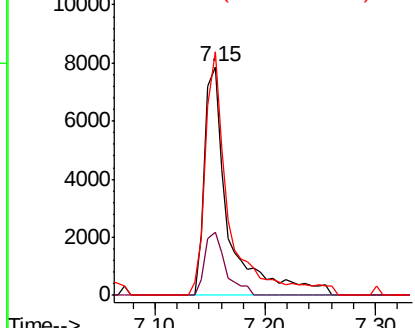
#15
Benzyl Alcohol
Concen: 2.355 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-D-S

Tgt Ion: 79 Resp: 11659
Ion Ratio Lower Upper
79 100
108 27.5 65.1 97.7#
77 106.4 50.6 75.8#

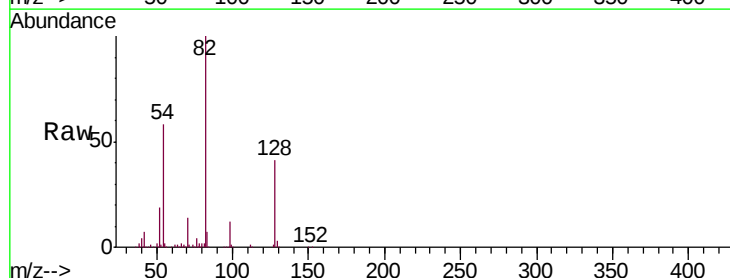


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

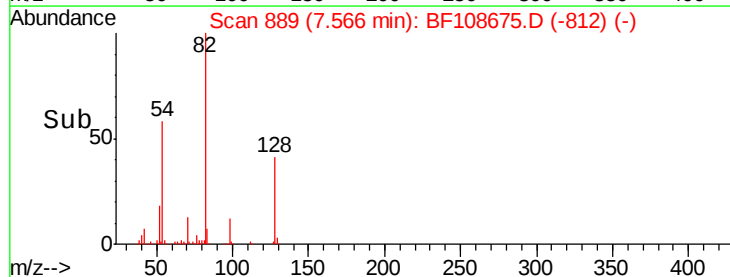
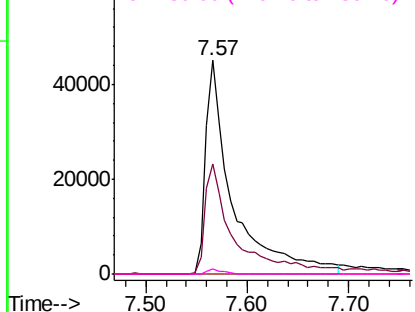


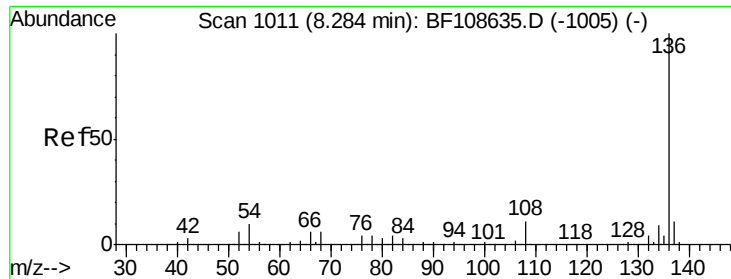
#19
n-Nitroso-di-n-propylamine
Concen: 18.284 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

Tgt Ion: 70 Resp: 84276
Ion Ratio Lower Upper
70 100
42 51.8 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

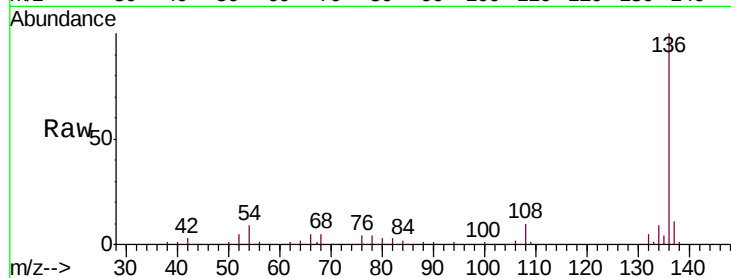




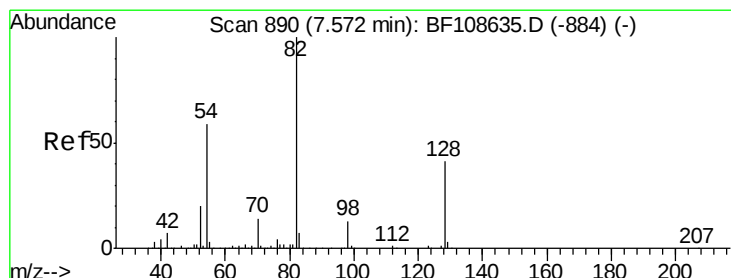
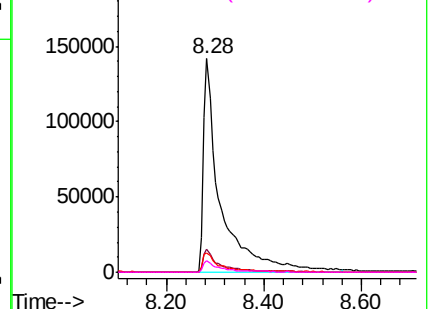
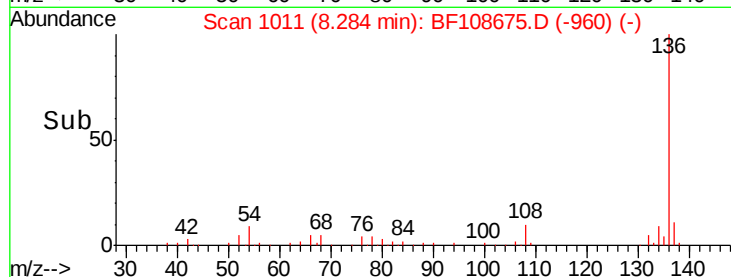
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-D-S

Tgt Ion:	136	Resp:	349238
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.1	5.0	7.4

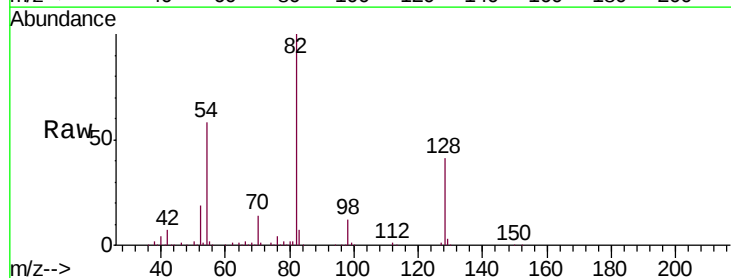


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

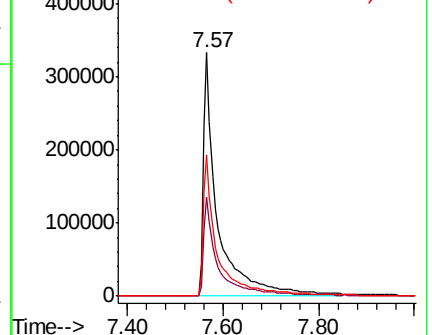
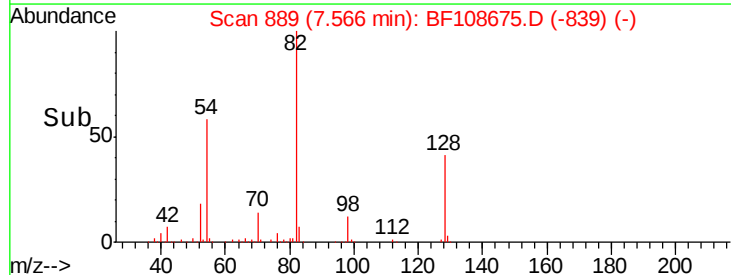


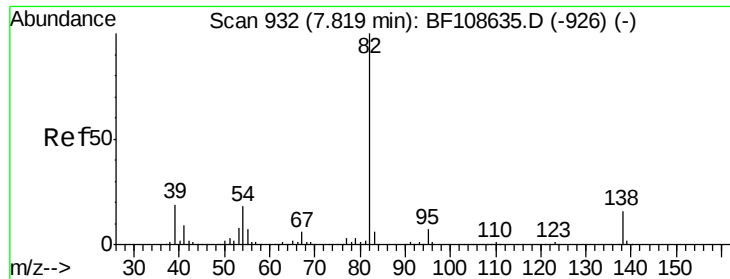
#23
Nitrobenzene-d5
Concen: 101.610 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

Tgt Ion:	82	Resp:	699115
Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	58.1	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

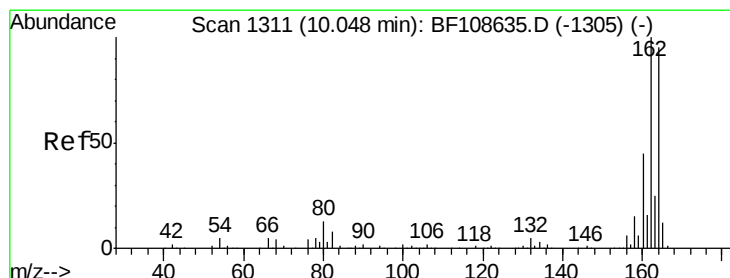
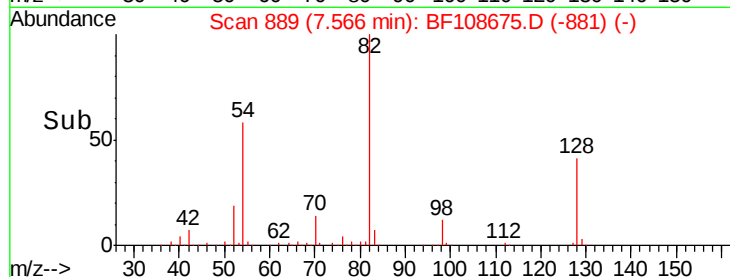
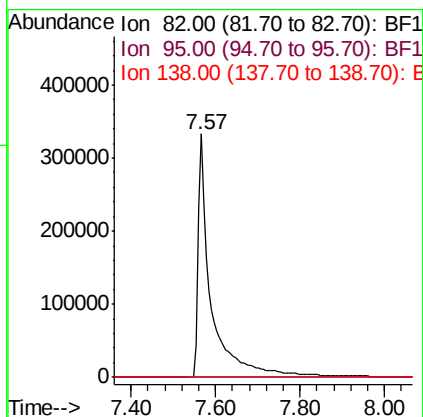
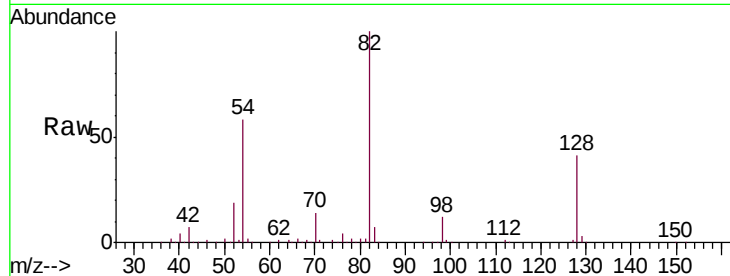




#25
Isophorone
Concen: 61.746 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

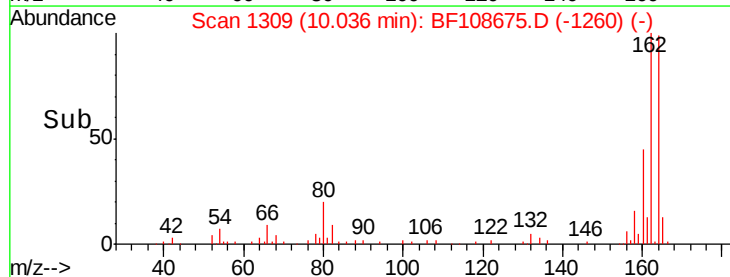
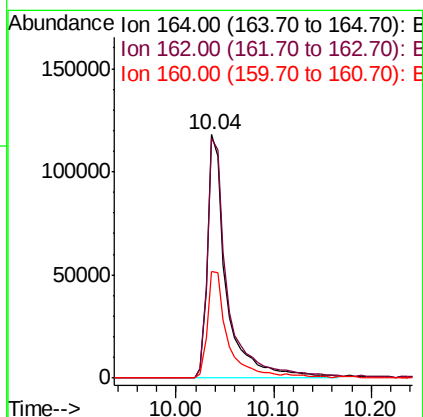
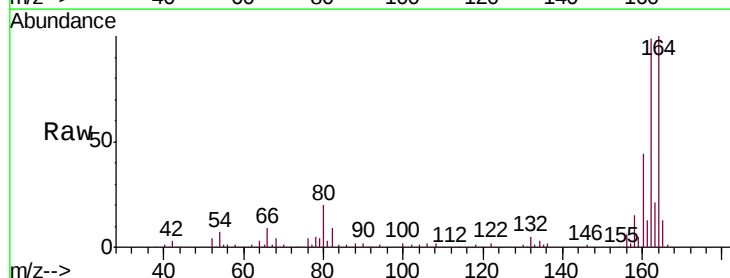
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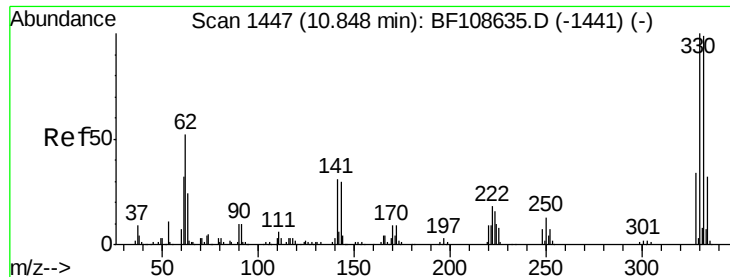
Tgt Ion: 82 Resp: 705722
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

Tgt Ion: 164 Resp: 160853
Ion Ratio Lower Upper
164 100
162 98.6 86.1 129.1
160 43.9 38.3 57.5

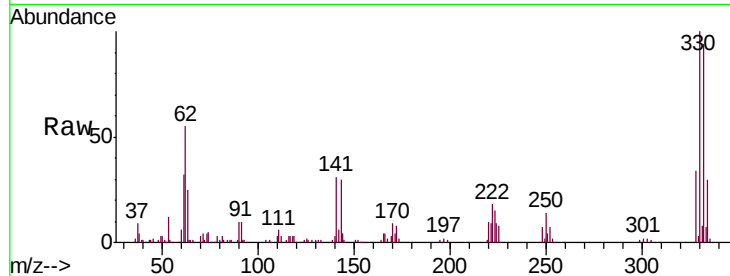




#41
 2,4,6-Tribromophenol
 Concen: 83.882 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108675.D
 Acq: 31 Aug 2018 7:39

Instrument :
 BNA_G
 ClientSampleId :
 082818-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.7	29.9	44.9

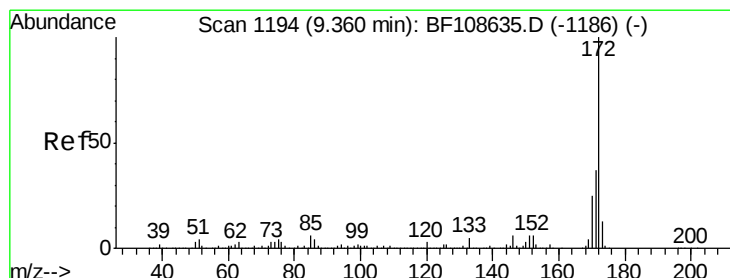
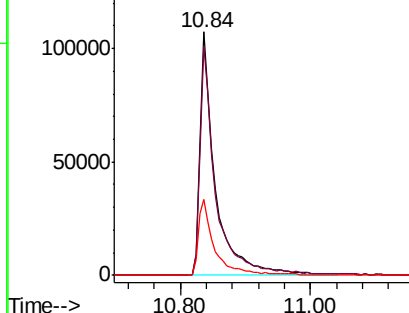
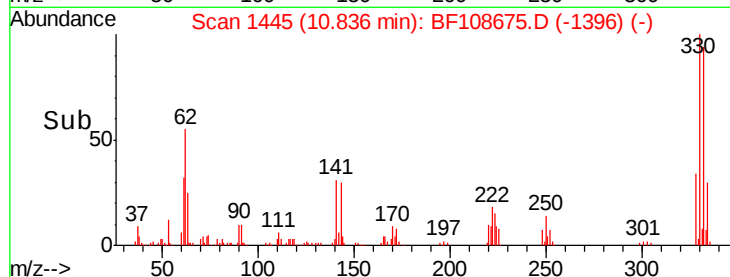


Abundance

Ion 329.80 (329.50 to 330.50): E

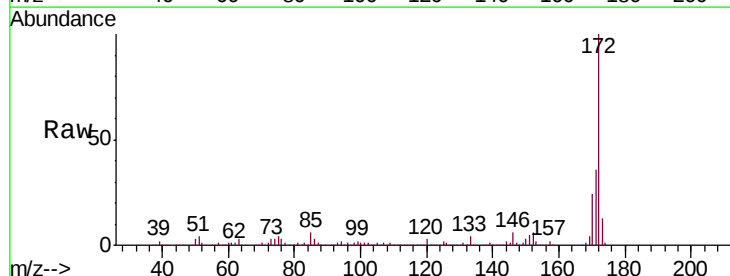
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 112.827 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108675.D
 Acq: 31 Aug 2018 7:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

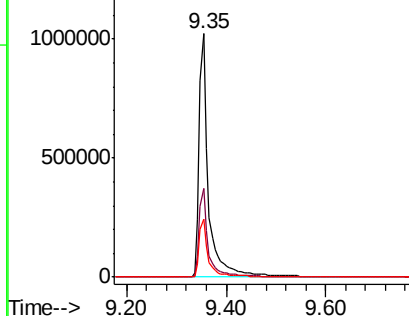
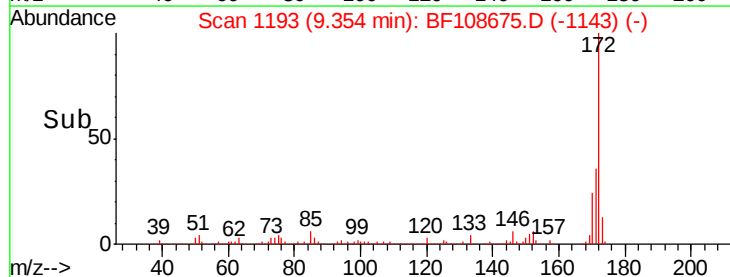


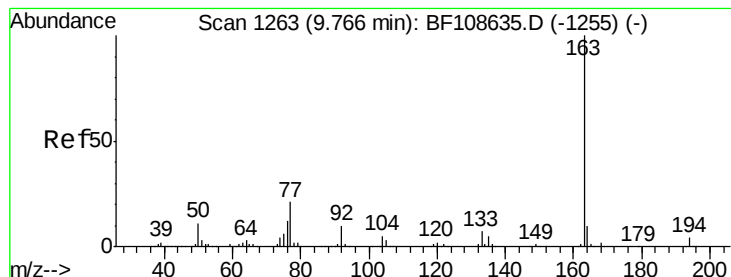
Abundance

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: 3.925 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108675.D

Acq: 31 Aug 2018 7:39

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-D-S

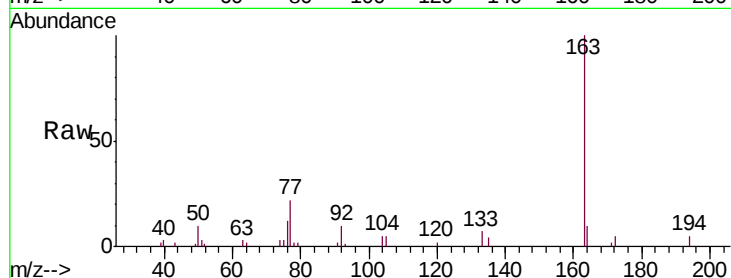
Tgt Ion:163 Resp: 49717

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

164 10.4 8.2 12.2

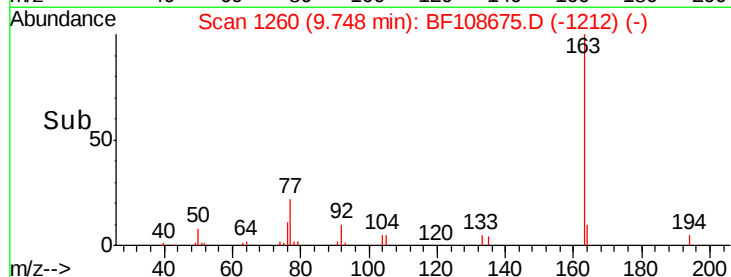


Abundance Ion 163.00 (162.70 to 163.70): E

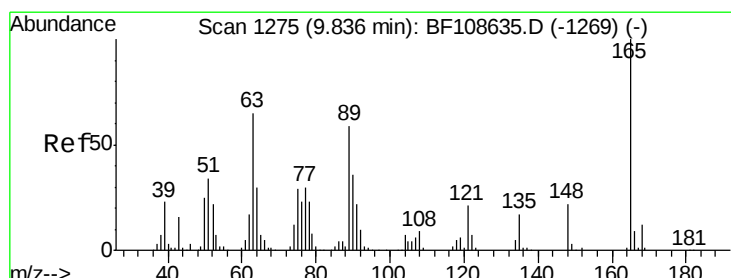
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 7.088 ng

RT: 10.04 min Scan# 1309

Delta R.T. 0.20 min

Lab File: BF108675.D

Acq: 31 Aug 2018 7:39

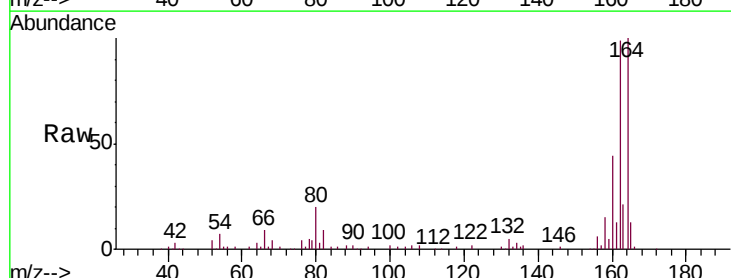
Tgt Ion:165 Resp: 19791

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

89 0.0 44.0 66.0#

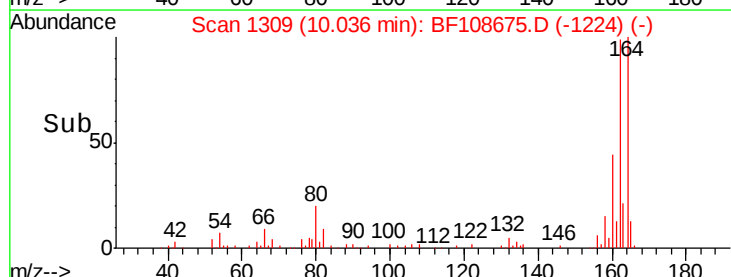


Abundance Ion 165.00 (164.70 to 165.70): E

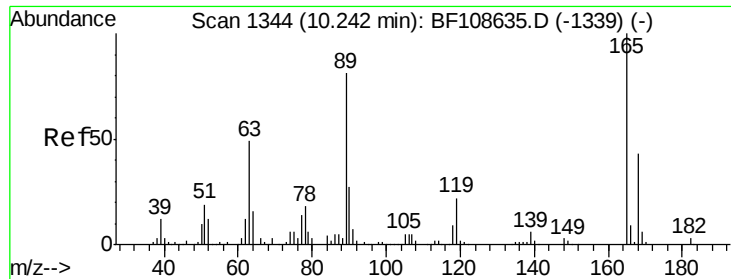
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



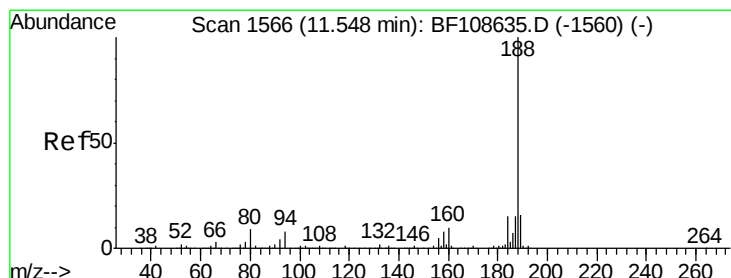
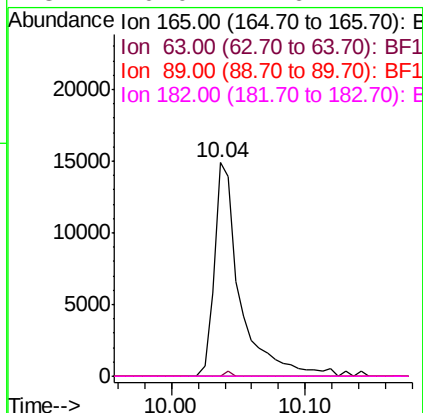
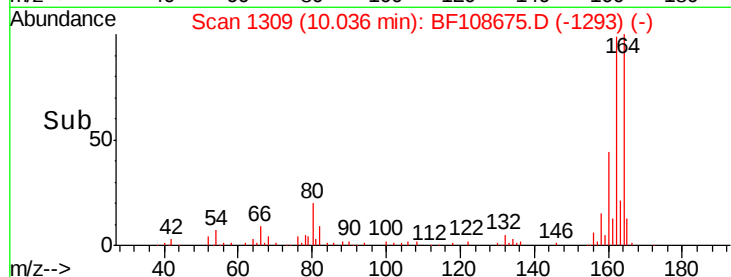
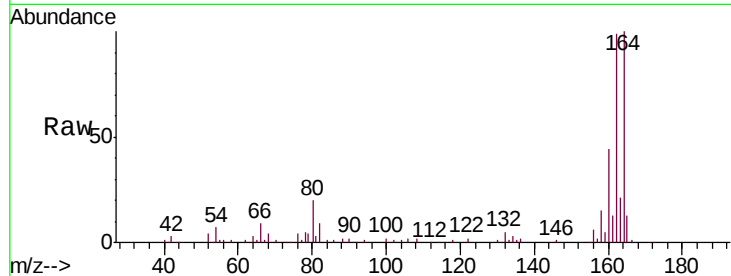
Time-->



#56
 2,4-Dinitrotoluene
 Concen: 5.472 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108675.D
 Acq: 31 Aug 2018 7:39

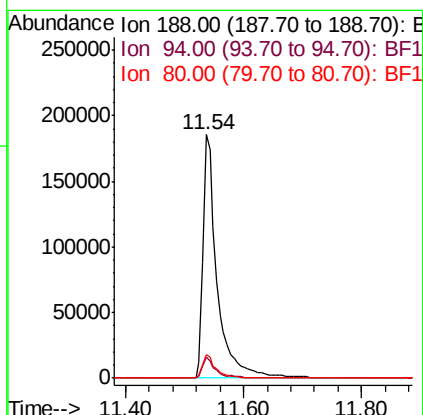
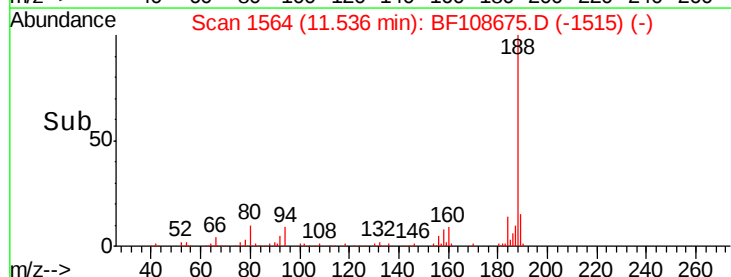
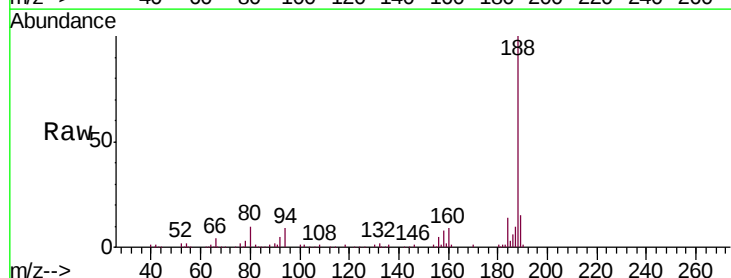
Instrument :
 BNA_G
 ClientSampleId :
 082818-JETT-F-D-S

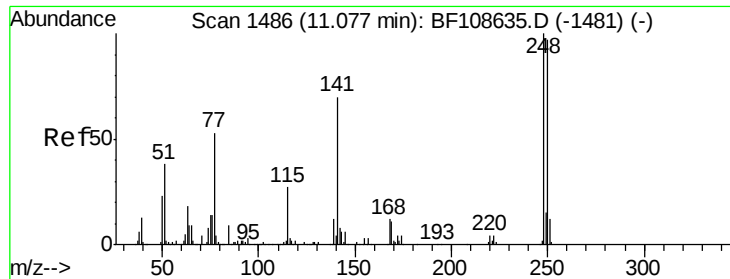
Tgt Ion:	165	Resp:	20230
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108675.D
 Acq: 31 Aug 2018 7:39

Tgt Ion:	188	Resp:	308446
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8

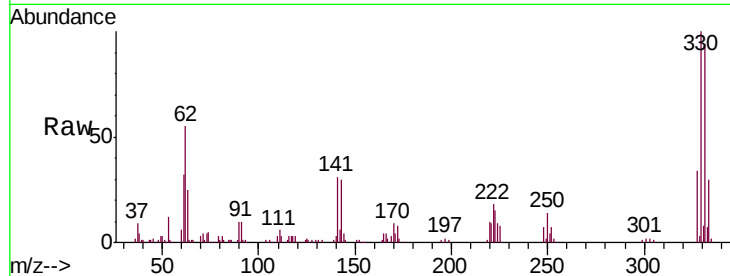




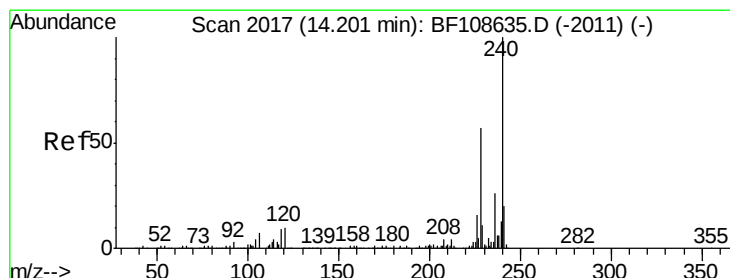
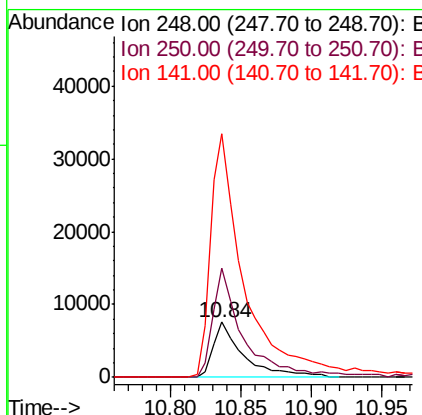
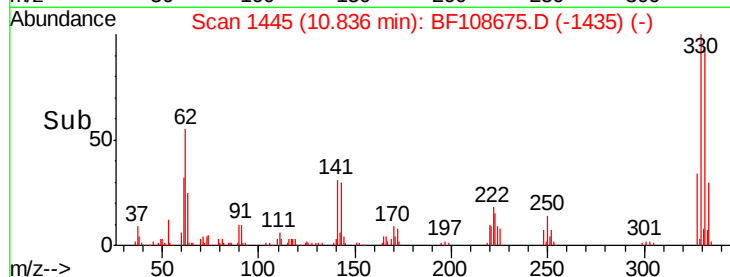
#66
4-Bromophenyl-phenylether
Concen: 2.974 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-D-S

Tgt Ion:248 Resp: 11275
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 440.1 74.4 111.6#

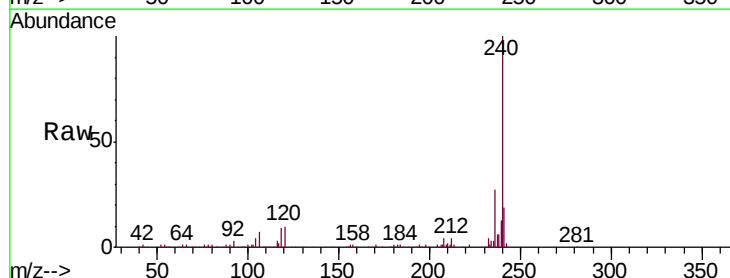


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

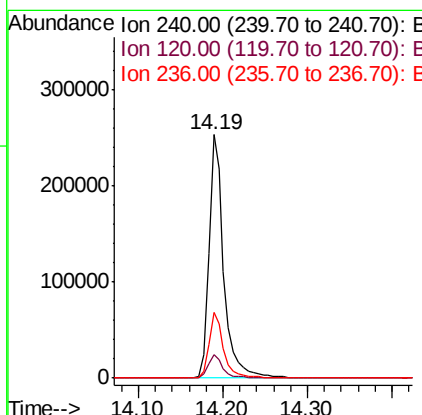
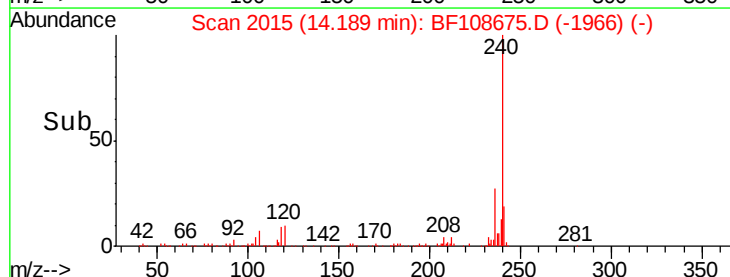


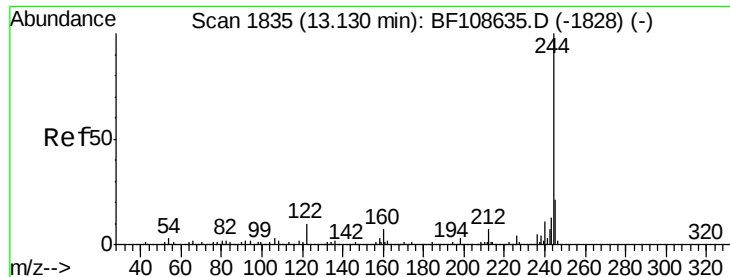
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108675.D
Acq: 31 Aug 2018 7:39

Tgt Ion:240 Resp: 310376
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 27.1 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: 77.741 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108675.D

Acq: 31 Aug 2018 7:39

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-D-S

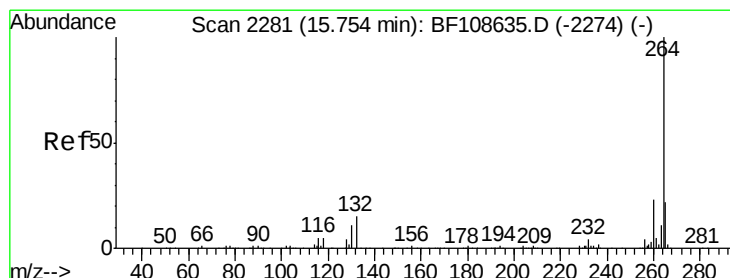
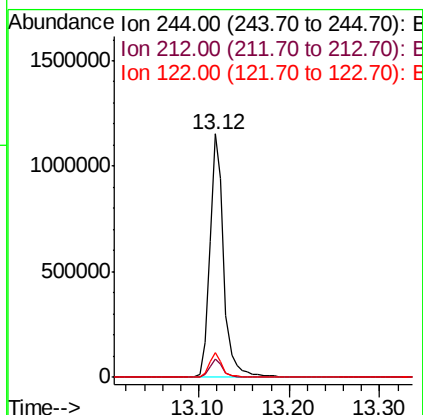
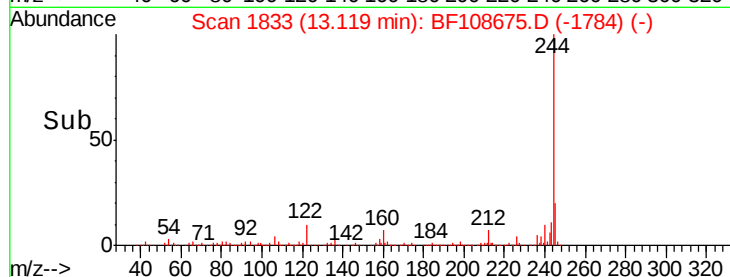
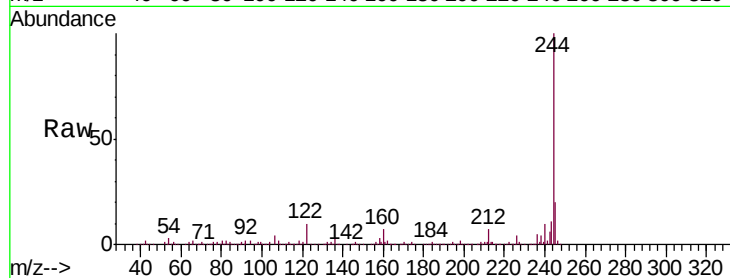
Tgt Ion:244 Resp: 1241867

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

122 10.1 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: BF108675.D

Acq: 31 Aug 2018 7:39

Tgt Ion:264 Resp: 261838

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.0 17.5 26.3

