

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108674.D
 Acq On : 31 Aug 2018 7:12
 Operator : JU/SJ
 Sample : J4700-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Aug 31 07:40:58 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

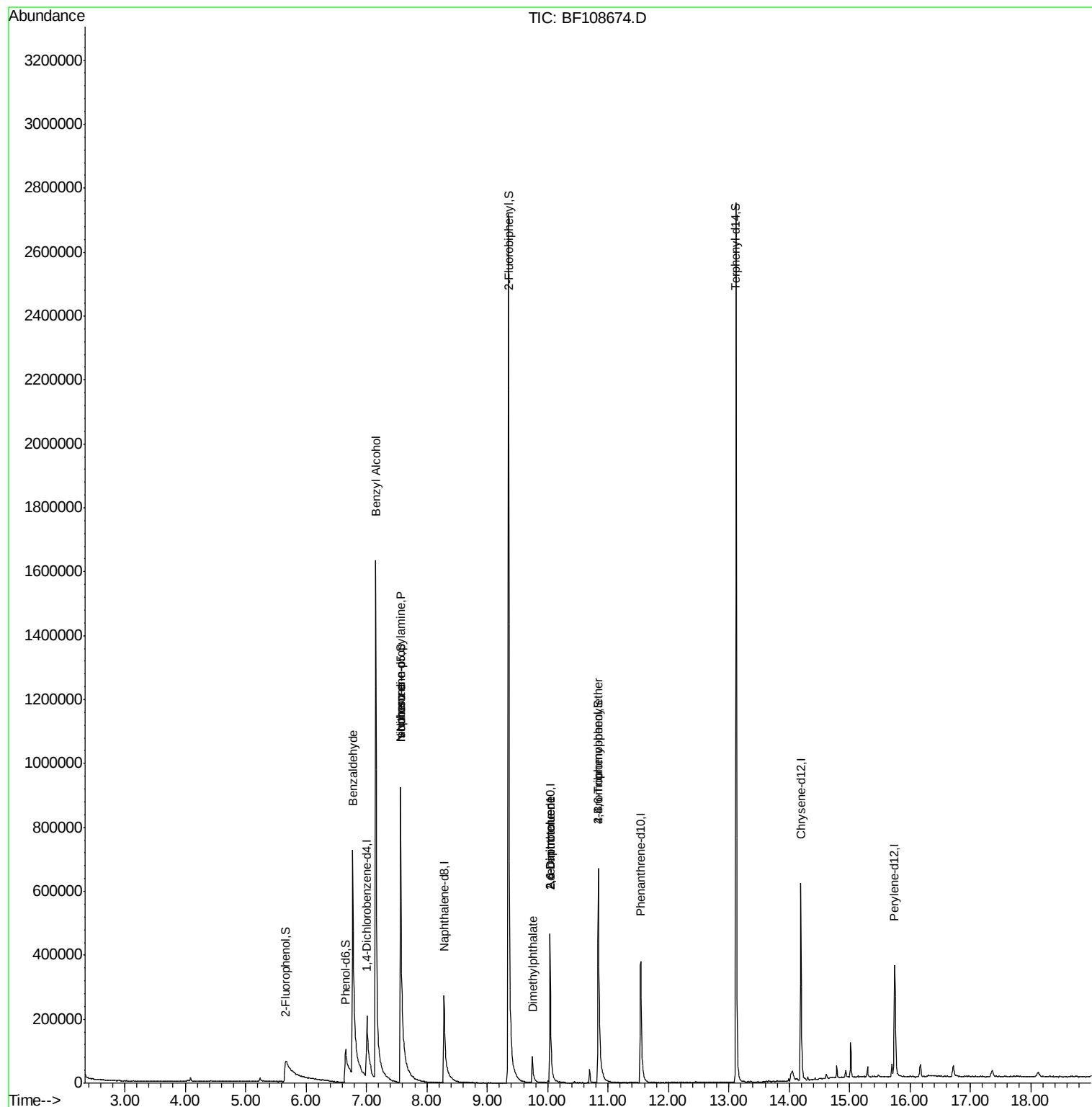
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	80477	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	331164	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	147218	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	270324	20.00	ng	0.00
75) Chrysene-d12	14.19	240	292244	20.00	ng	-0.01
86) Perylene-d12	15.74	264	239152	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	146948	31.72	ng	0.02
7) Phenol-d6	6.65	99	184314	27.78	ng	0.00
23) Nitrobenzene-d5	7.57	82	658338	100.91	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	156015	80.28	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1234444	112.74	ng	0.00
78) Terphenyl-d14	13.12	244	1118853	74.39	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.77	77	9430	2.299	ng	# 79
15) Benzyl Alcohol	7.15	79	10278	2.153	ng	# 48
19) n-Nitroso-di-n-propylamine	7.57	70	80343	18.082	ng	# 83
25) Isophorone	7.57	82	663036	61.177	ng	# 64
49) Dimethylphthalate	9.75	163	77693	6.702	ng	# 97
50) 2,6-Dinitrotoluene	10.04	165	17415	6.815	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	17837	5.272	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	9641	2.902	ng	# 1

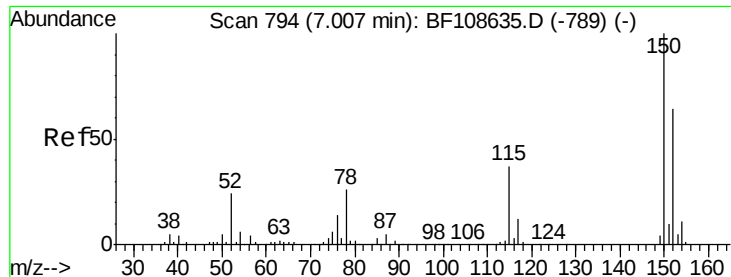
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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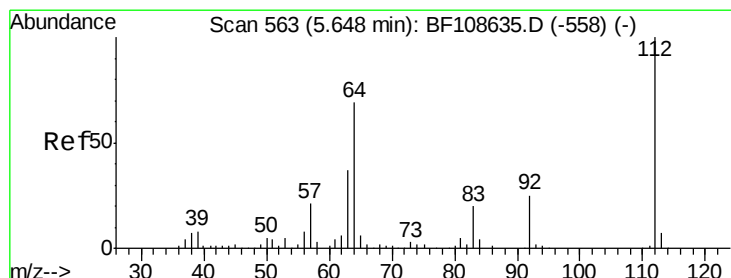
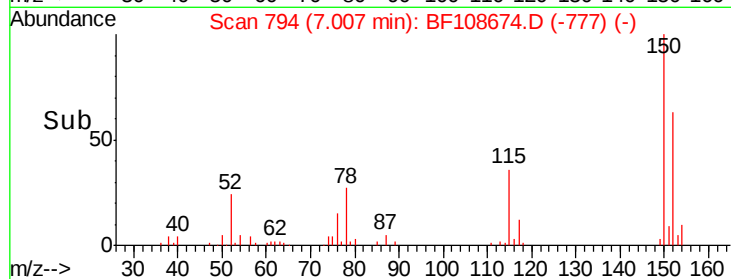
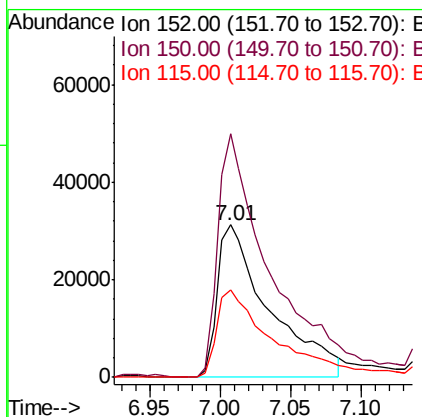
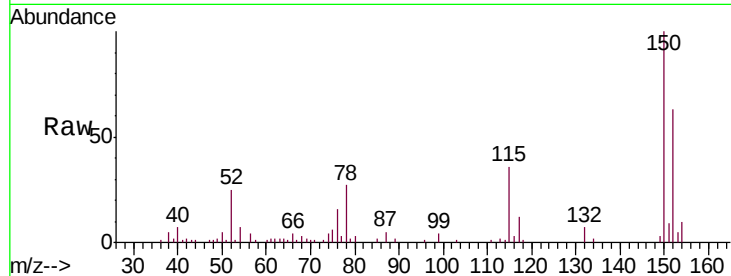




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.01 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF108674.D
 Acq: 31 Aug 2018 7:12

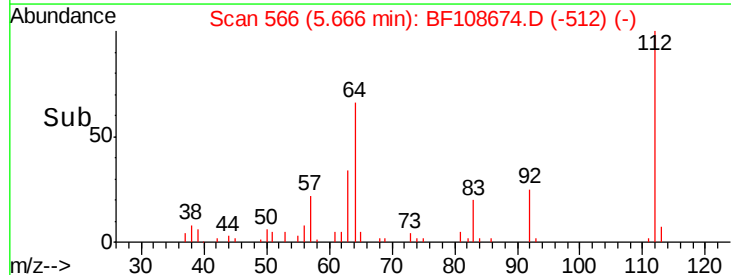
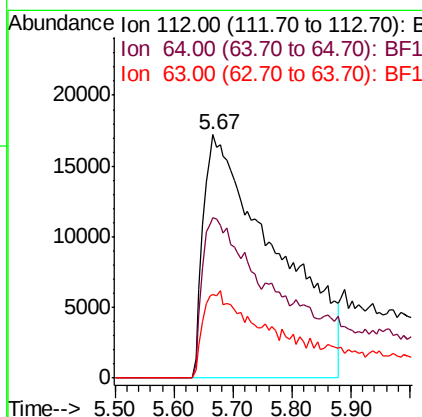
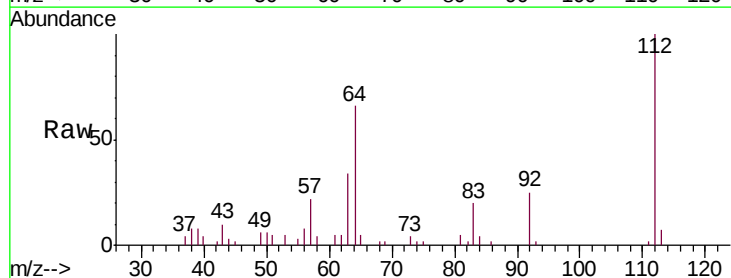
Instrument :
 BNA_G
 ClientSampleId :
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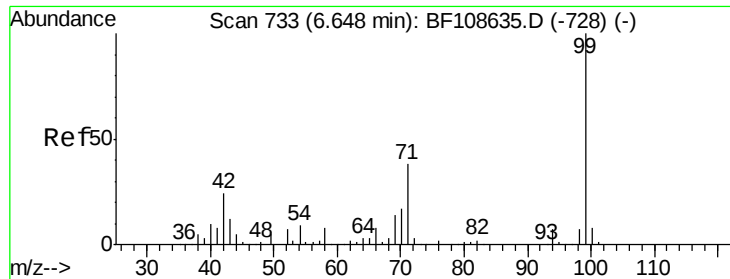
Tgt Ion:152 Resp: 80477
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.6 186.8
 115 57.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 31.721 ng
 RT: 5.67 min Scan# 566
 Delta R.T. 0.02 min
 Lab File: BF108674.D
 Acq: 31 Aug 2018 7:12

Tgt Ion:112 Resp: 146948
 Ion Ratio Lower Upper
 112 100
 64 66.1 47.9 71.9
 63 34.5 23.7 35.5





#7

Phenol-d6

Concen: 27.779 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108674.D

Acq: 31 Aug 2018 7:12

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-D-M

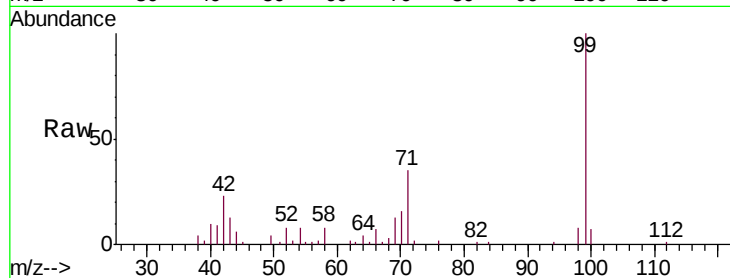
Tgt Ion: 99 Resp: 184314

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

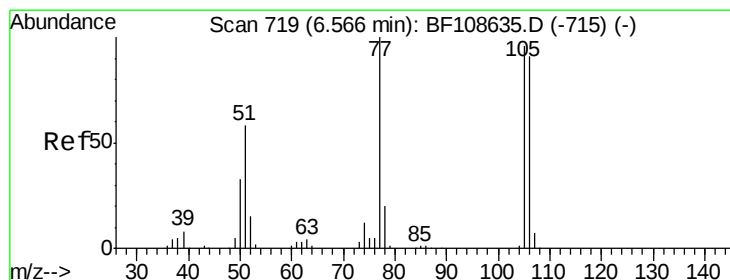
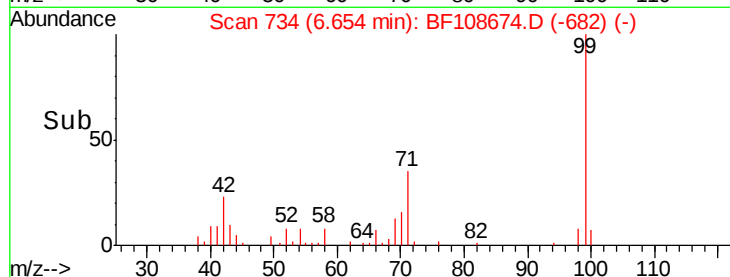
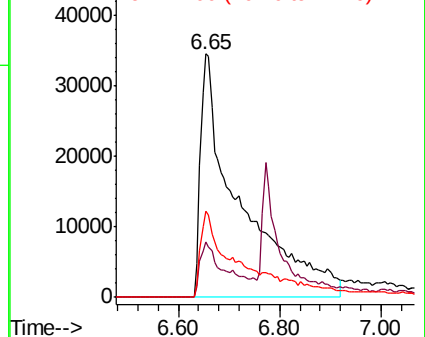
71 35.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.299 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108674.D

Acq: 31 Aug 2018 7:12

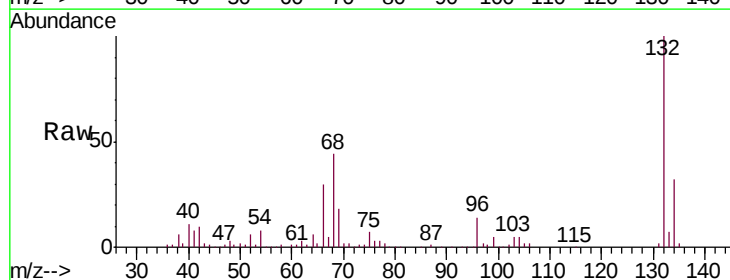
Tgt Ion: 77 Resp: 9430

Ion Ratio Lower Upper

77 100

105 84.0 81.1 121.1

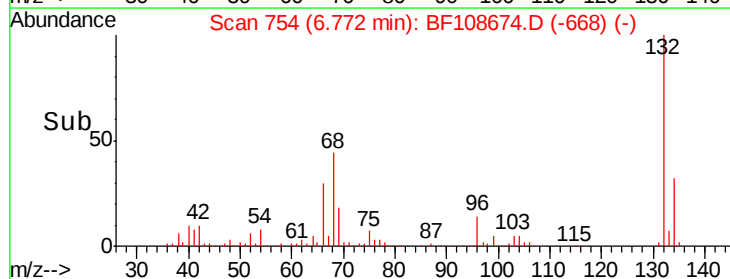
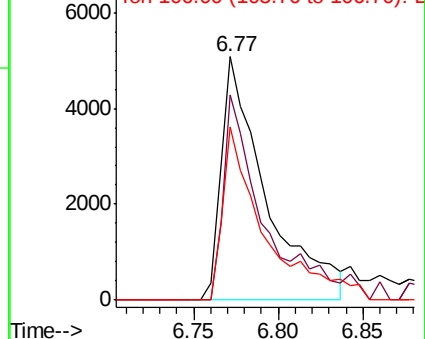
106 70.9 74.5 114.5#

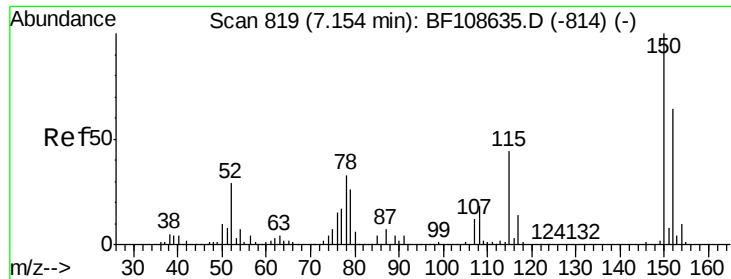


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

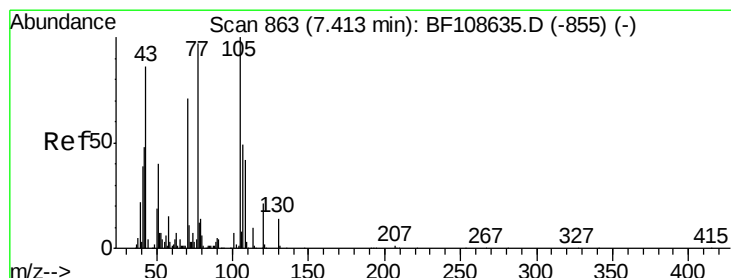
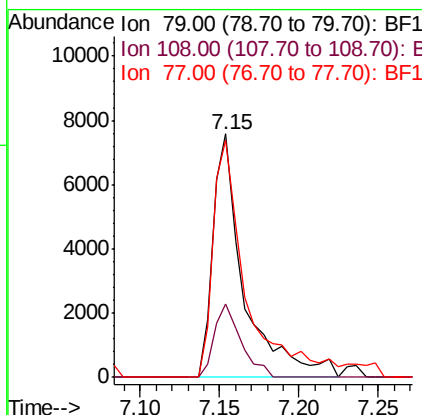
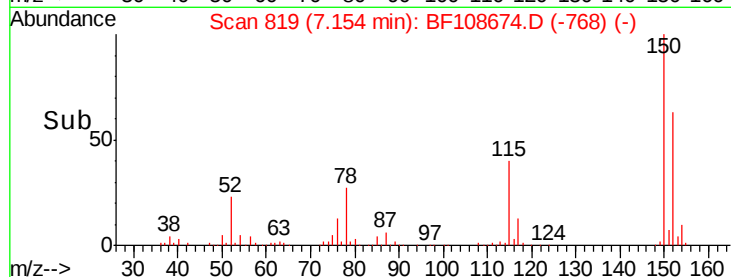
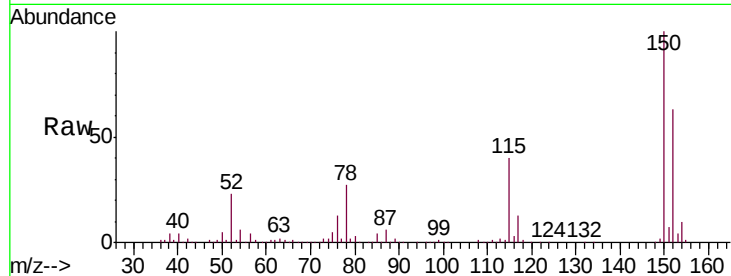




#15
Benzyl Alcohol
Concen: 2.153 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

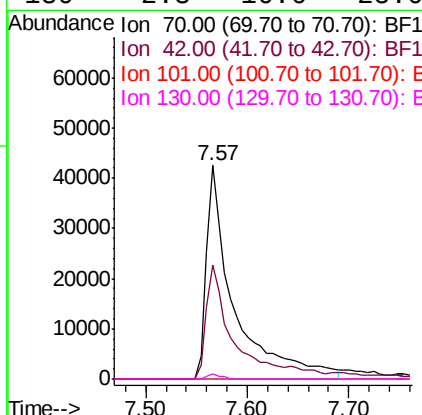
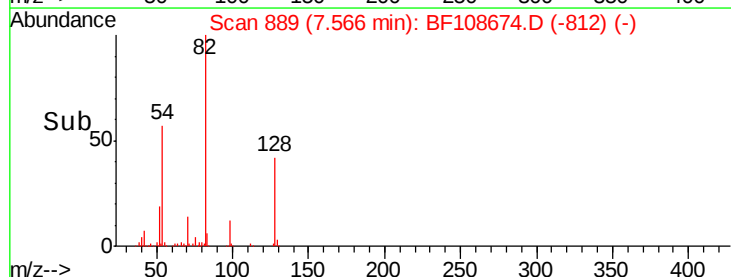
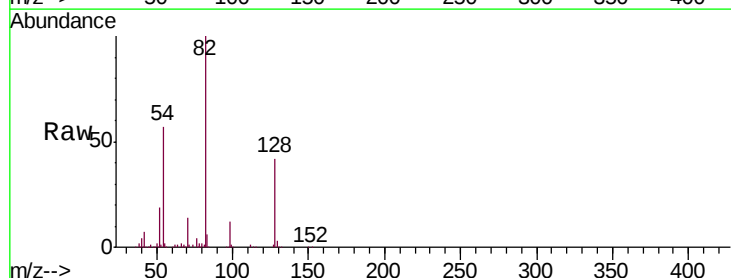
Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-D-M

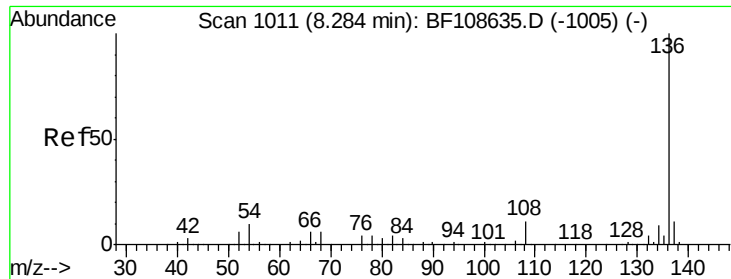
Tgt Ion: 79 Resp: 10278
Ion Ratio Lower Upper
79 100
108 30.4 65.1 97.7#
77 97.7 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 18.082 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

Tgt Ion: 70 Resp: 80343
Ion Ratio Lower Upper
70 100
42 53.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

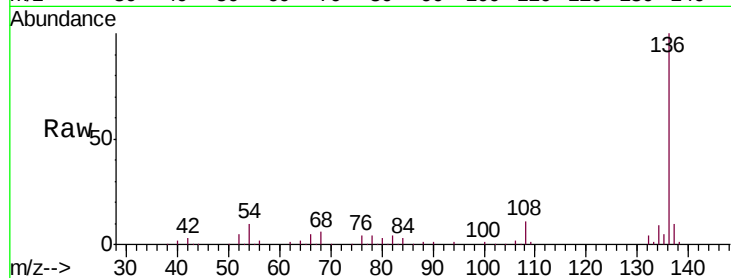




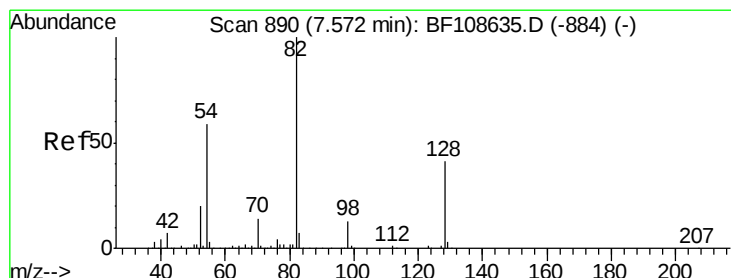
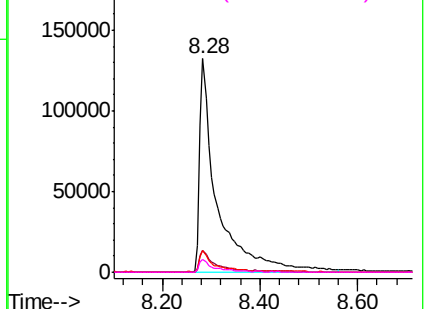
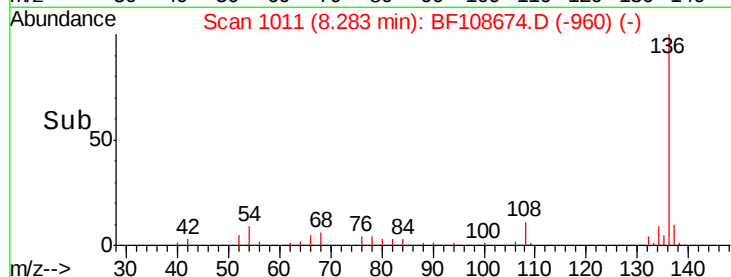
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

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

Tgt Ion:	136	Resp:	331164
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	10.1	6.6	9.8#
68	5.9	5.0	7.4

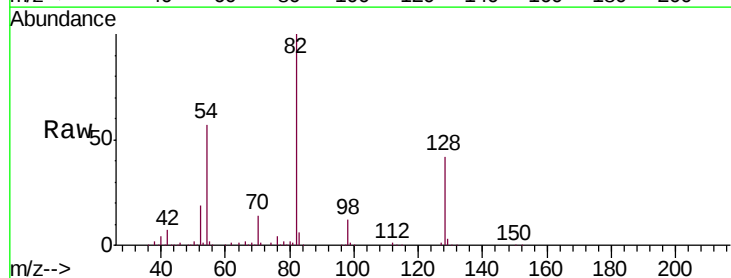


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

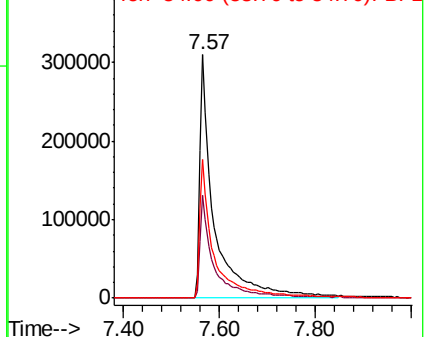
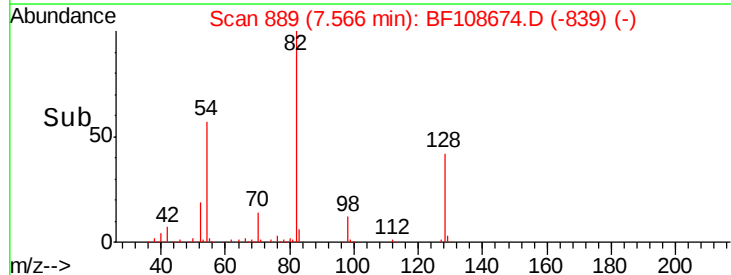


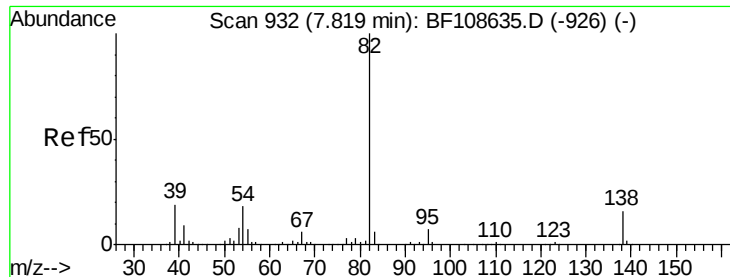
#23
Nitrobenzene-d5
Concen: 100.906 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

Tgt Ion:	82	Resp:	658338
Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	57.1	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: 61.177 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108674.D

Acq: 31 Aug 2018 7:12

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-D-M

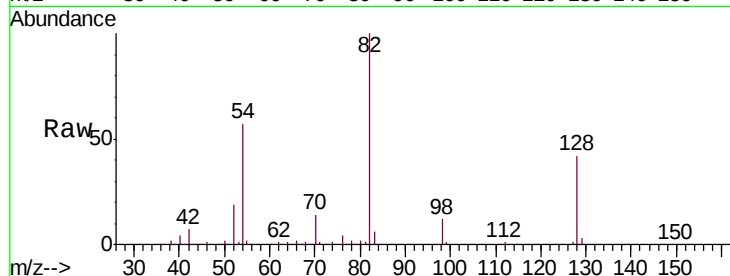
Tgt Ion: 82 Resp: 663036

Ion Ratio Lower Upper

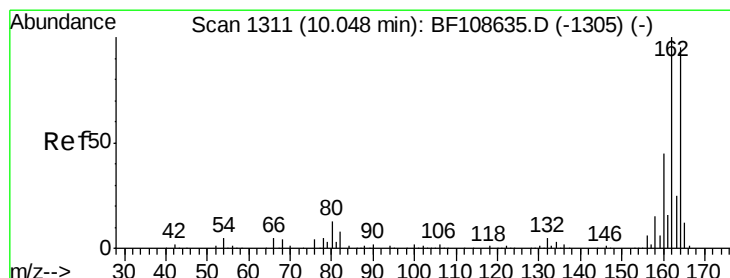
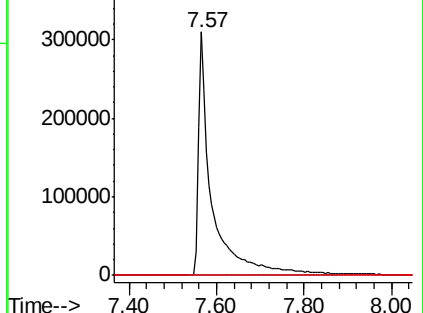
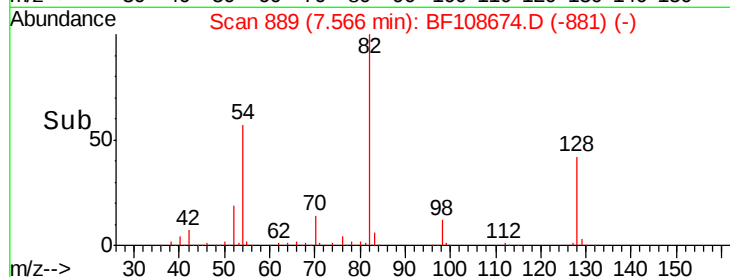
82 100

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# 1309

Delta R.T. -0.01 min

Lab File: BF108674.D

Acq: 31 Aug 2018 7:12

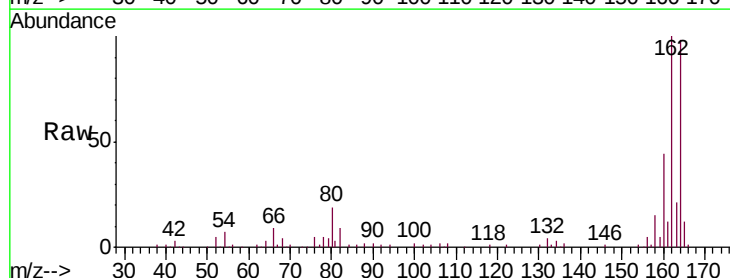
Tgt Ion: 164 Resp: 147218

Ion Ratio Lower Upper

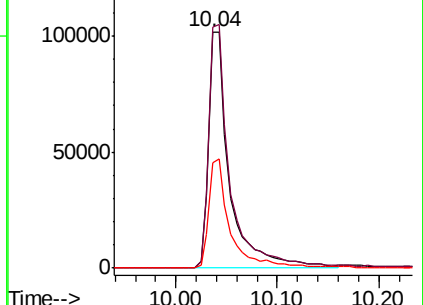
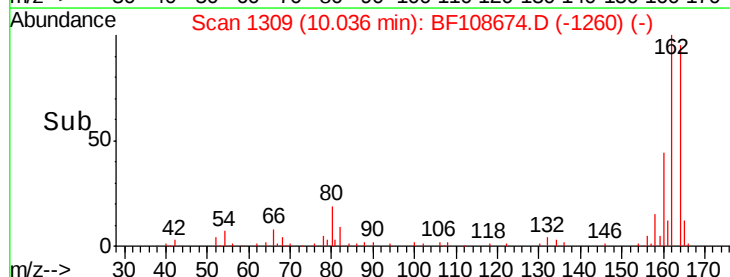
164 100

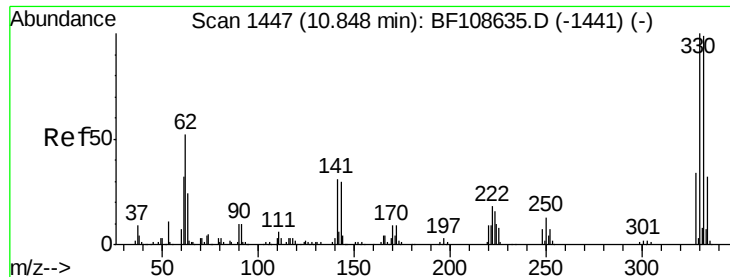
162 101.9 86.1 129.1

160 44.8 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

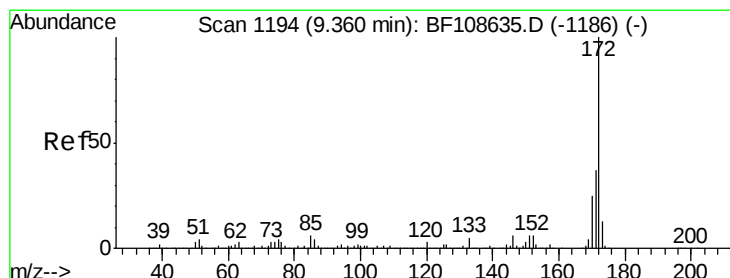
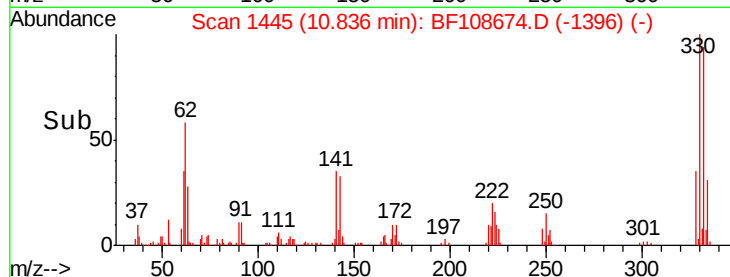
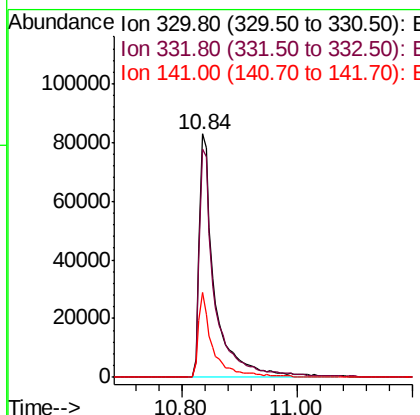
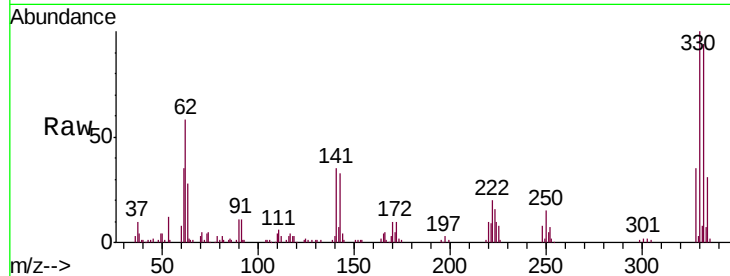




#41
 2,4,6-Tribromophenol
 Concen: 80.277 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108674.D
 Acq: 31 Aug 2018 7:12

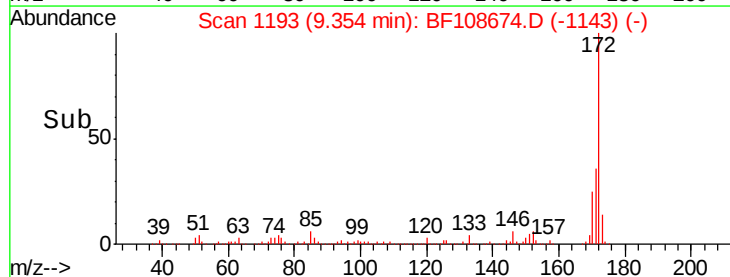
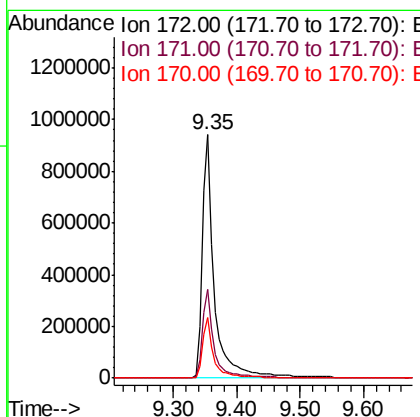
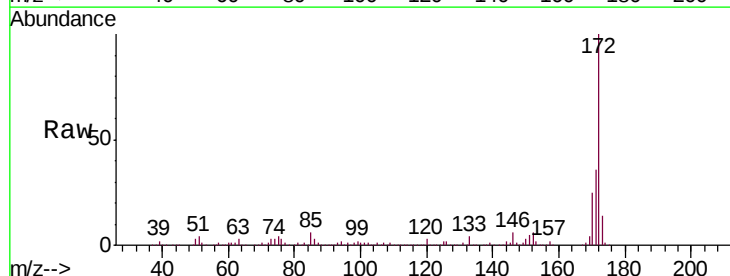
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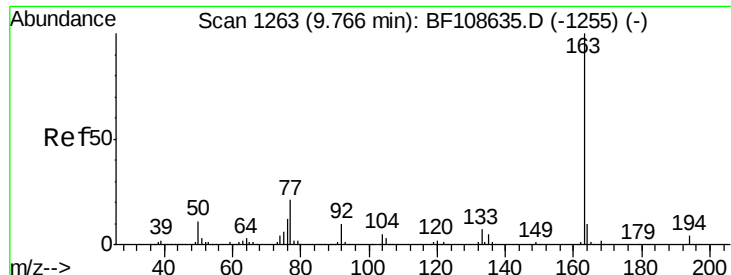
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	32.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 112.745 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108674.D
 Acq: 31 Aug 2018 7:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

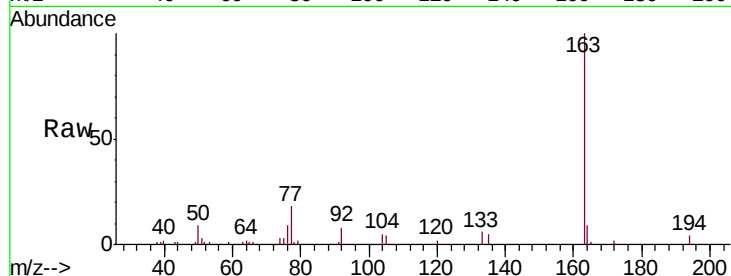




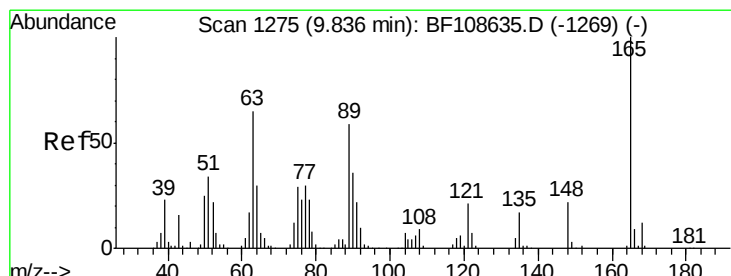
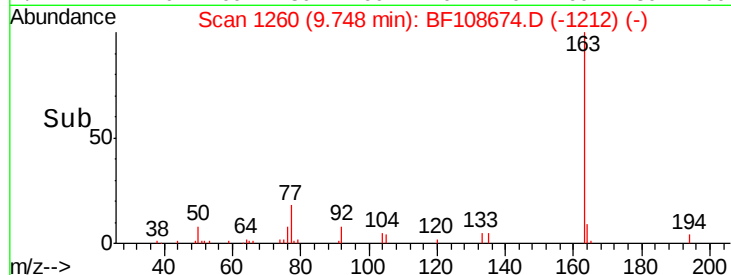
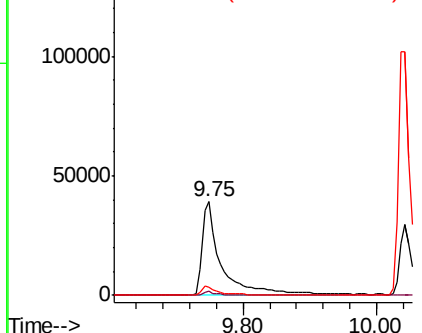
#49
Dimethylphthalate
Concen: 6.702 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

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

Tgt Ion:163 Resp: 77693
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.3 8.2 12.2

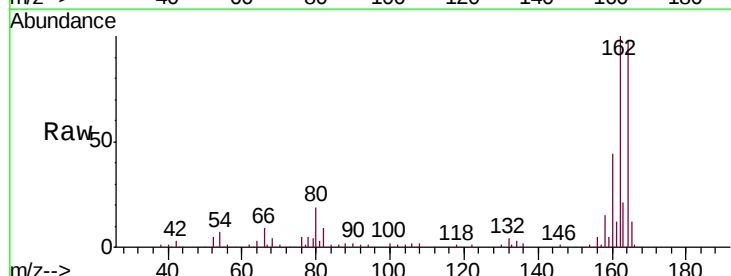


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

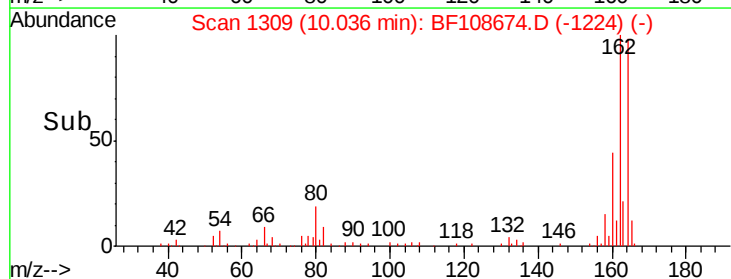
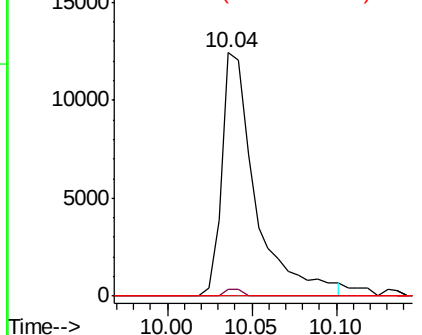


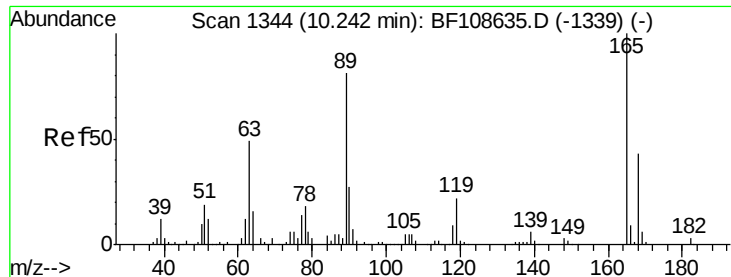
#50
2,6-Dinitrotoluene
Concen: 6.815 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

Tgt Ion:165 Resp: 17415
Ion Ratio Lower Upper
165 100
63 2.8 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

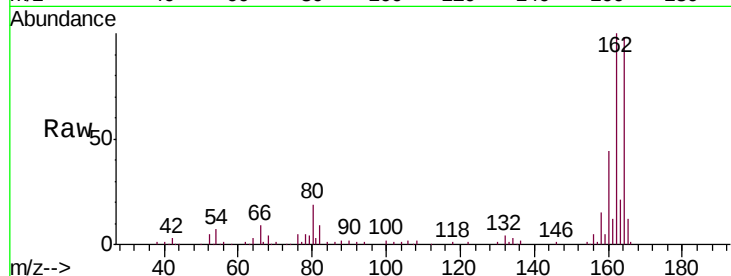




#56
2,4-Dinitrotoluene
Concen: 5.272 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	17837		
63	2.8	36.4	54.6#	
89	0.0	57.8	86.6#	
182	0.0	1.6	2.4#	

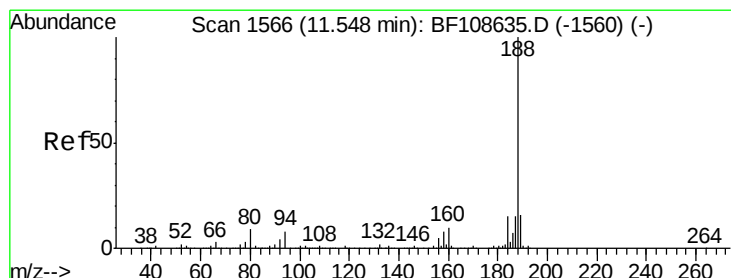
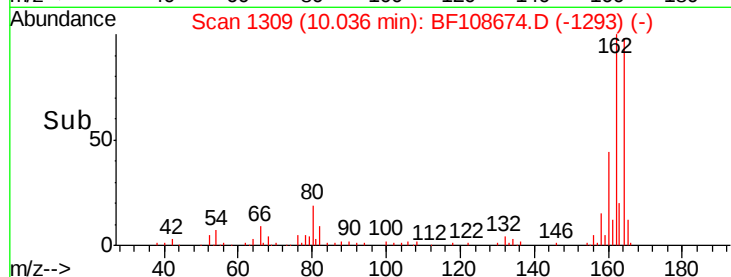
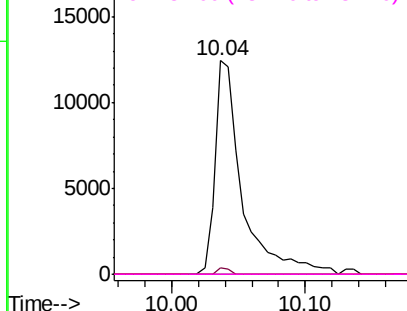


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

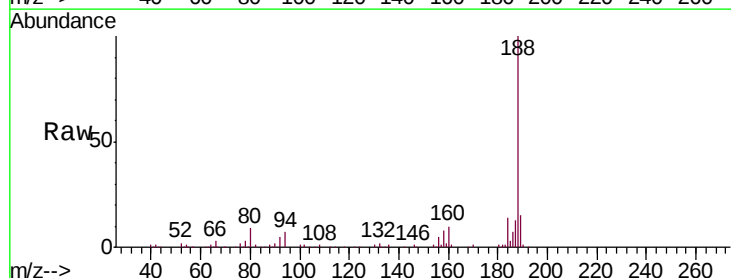
Ion 89.00 (88.70 to 89.70): BF1

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: BF108674.D
Acq: 31 Aug 2018 7:12

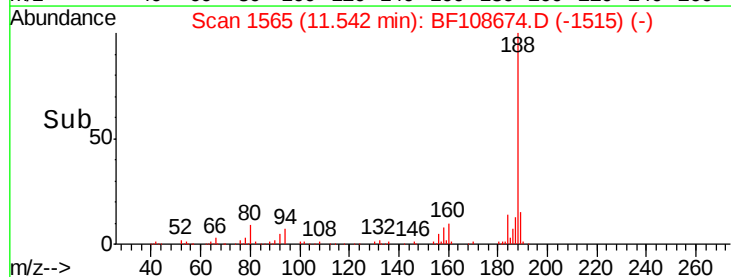
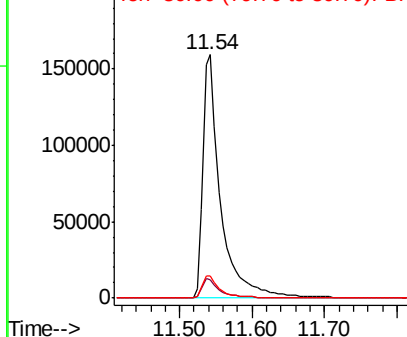
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	270324		
94	7.4	8.5	12.7#	
80	9.1	9.2	13.8#	

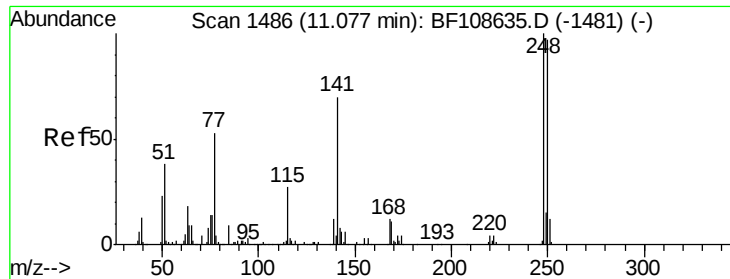


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

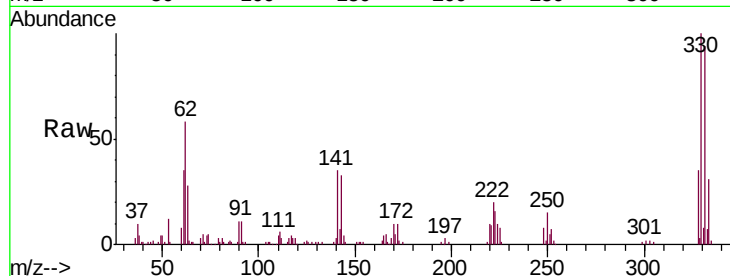




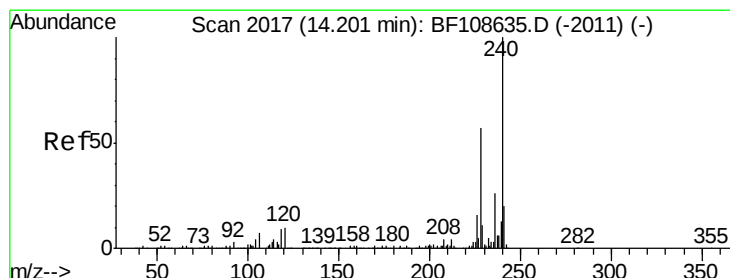
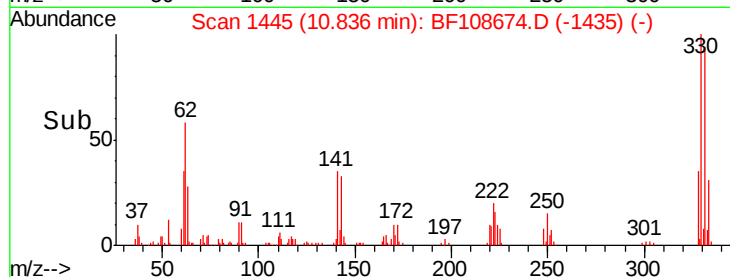
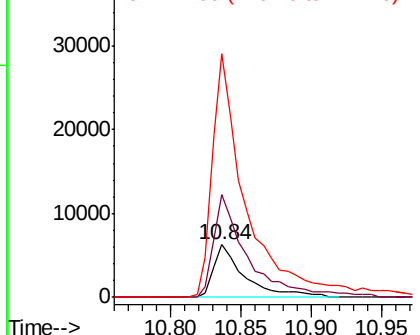
#66
4-Bromophenyl-phenylether
Concen: 2.902 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

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

Tgt Ion:248 Resp: 9641
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 462.2 74.4 111.6#

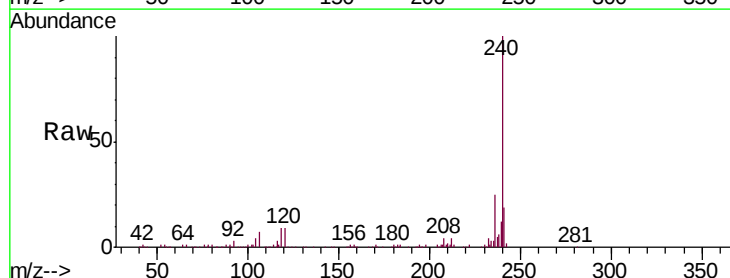


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

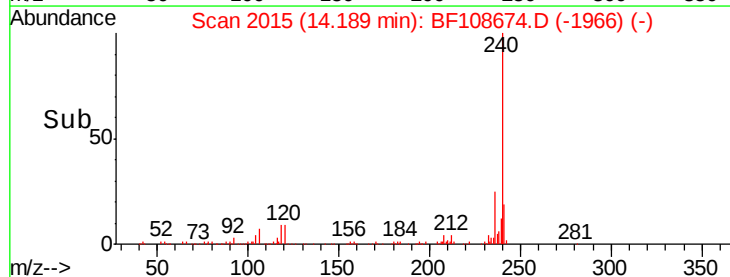
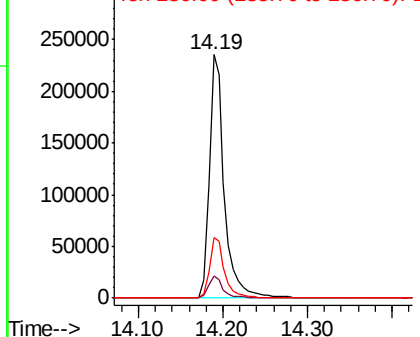


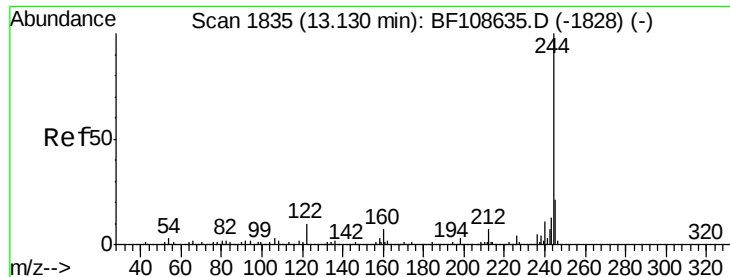
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108674.D
Acq: 31 Aug 2018 7:12

Tgt Ion:240 Resp: 292244
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 24.8 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: 74.386 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108674.D

Acq: 31 Aug 2018 7:12

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-D-M

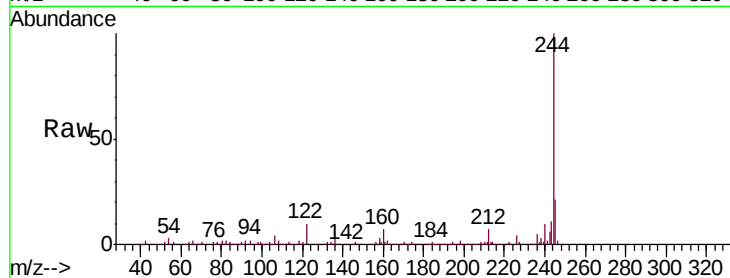
Tgt Ion:244 Resp: 1118853

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

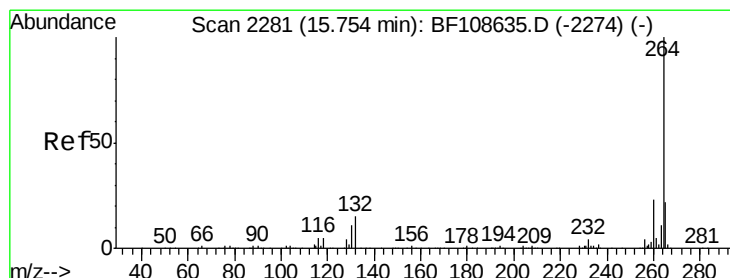
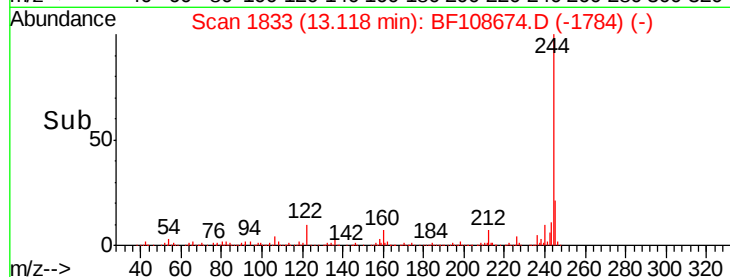
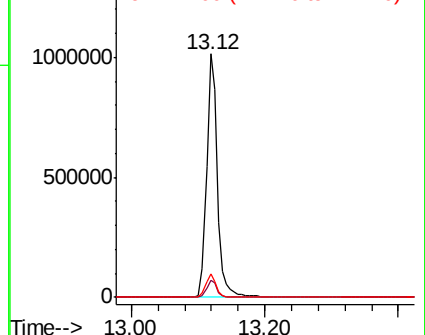
122 9.8 11.0 16.4#



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: 15.74 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF108674.D

Acq: 31 Aug 2018 7:12

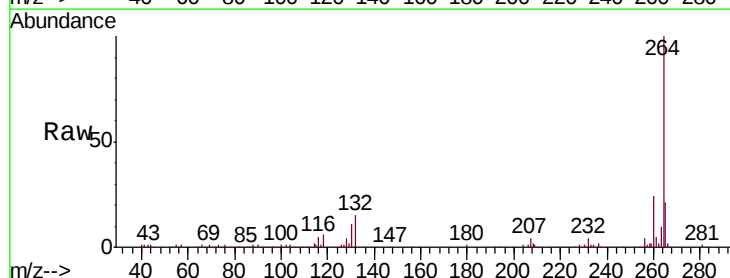
Tgt Ion:264 Resp: 239152

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.9 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

