

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
 Data File : BF108673.D
 Acq On : 31 Aug 2018 6:45
 Operator : JU/SJ
 Sample : J4700-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Aug 31 07:40:48 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

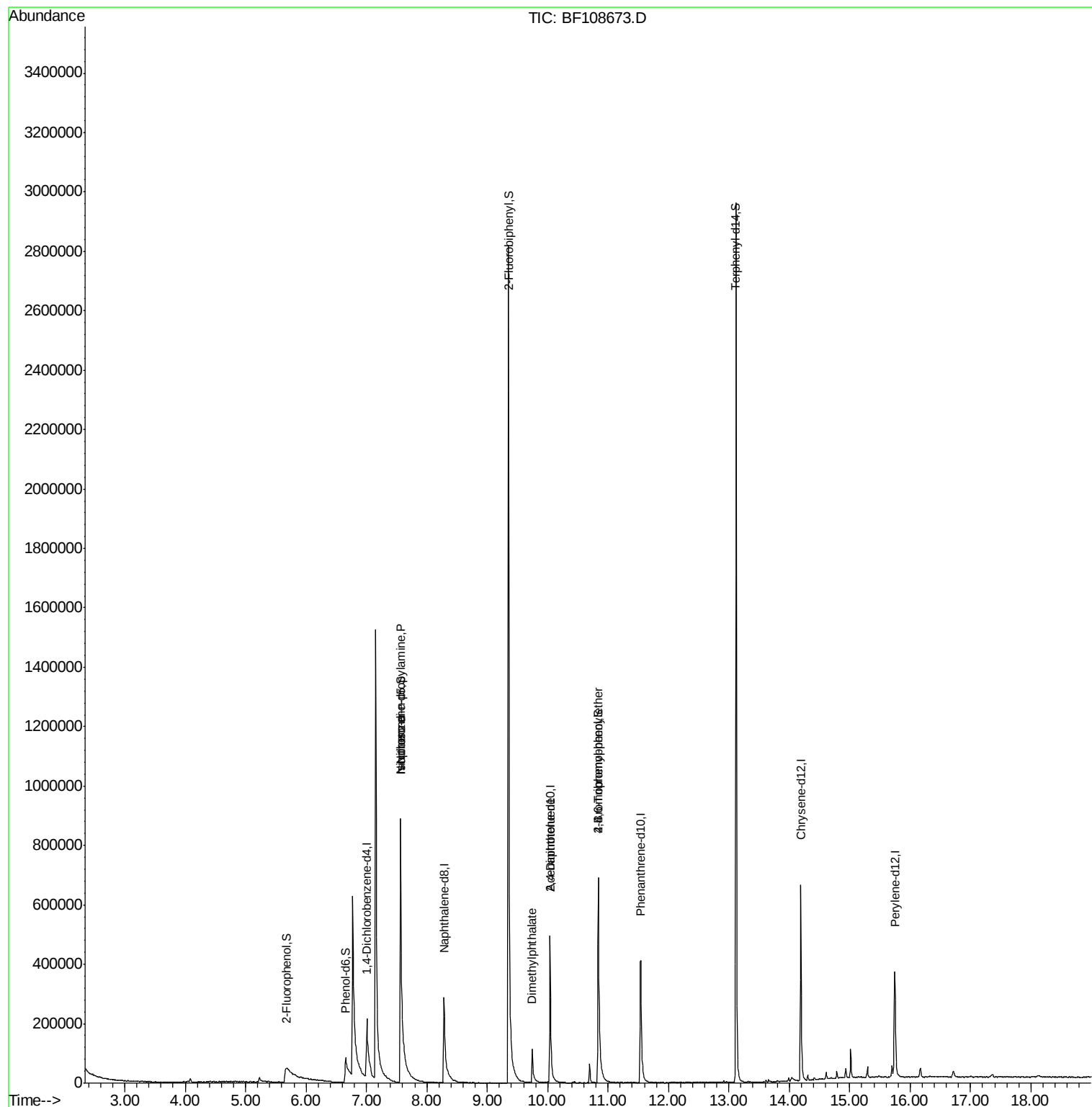
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	82240	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	337501	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	159326	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	289573	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	297938	20.00	ng	-0.01
86) Perylene-d12	15.75	264	251428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	91289	19.28	ng	0.03
7) Phenol-d6	6.66	99	153451	22.63	ng	0.01
23) Nitrobenzene-d5	7.57	82	648257	97.49	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	151426	71.99	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1262147	106.51	ng	0.00
78) Terphenyl-d14	13.12	244	1139900	74.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	77154	16.992	ng	# 83
25) Isophorone	7.57	82	655762	59.370	ng	# 64
49) Dimethylphthalate	9.74	163	97063	7.736	ng	97
56) 2,4-Dinitrotoluene	10.04	165	20111	5.492	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	9410	2.644	ng	# 1

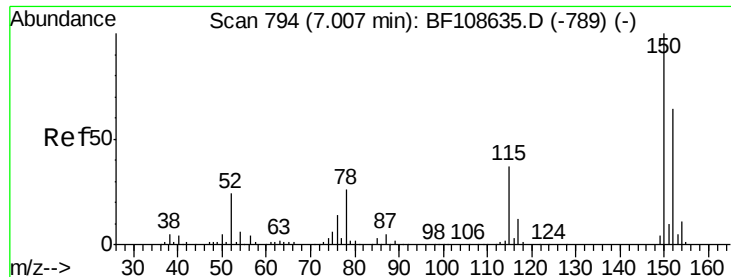
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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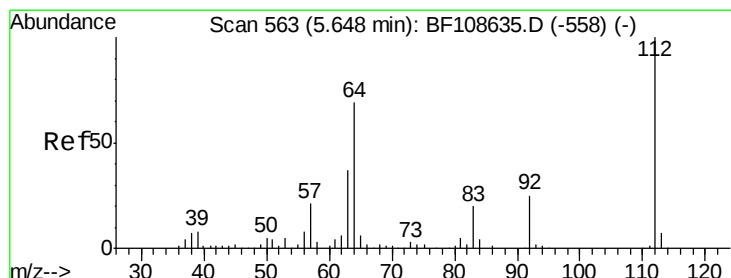
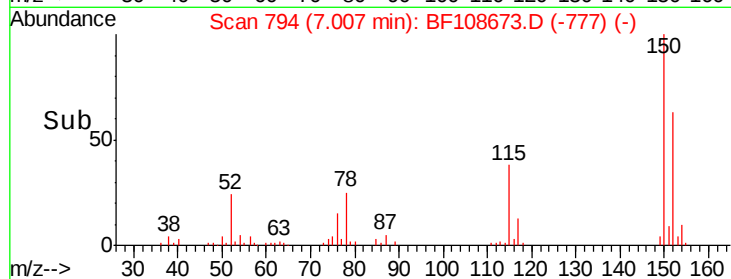
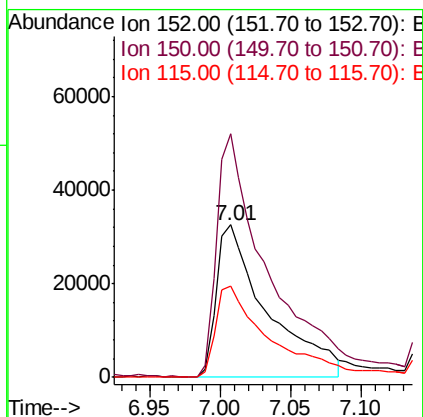
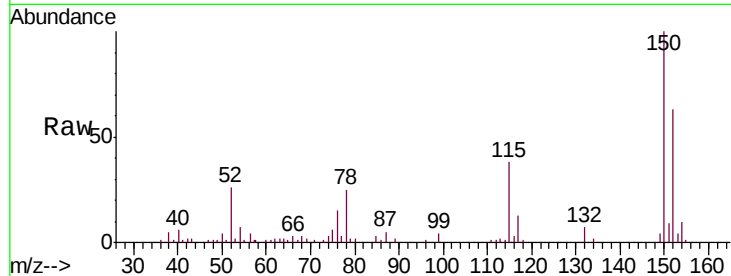


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

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

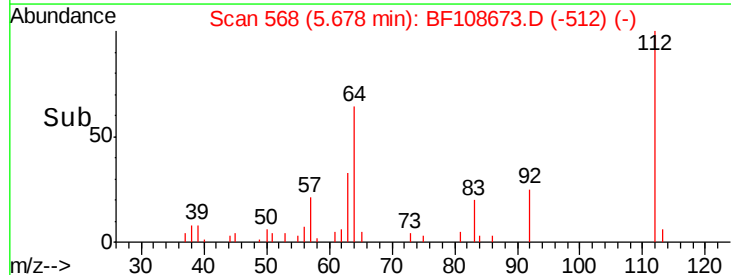
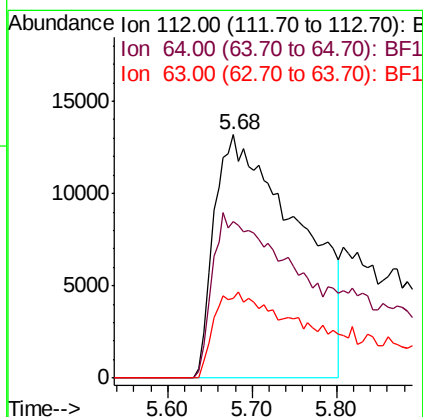
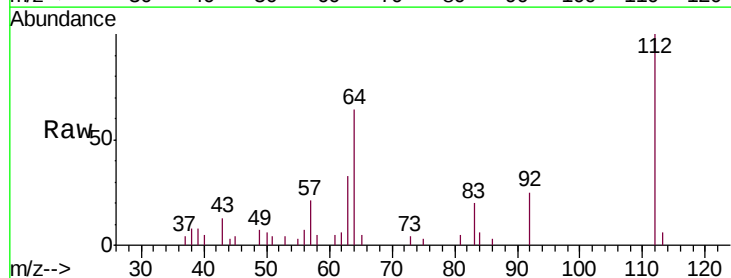
Tgt Ion:152 Resp: 82240
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 60.1 50.1 75.1

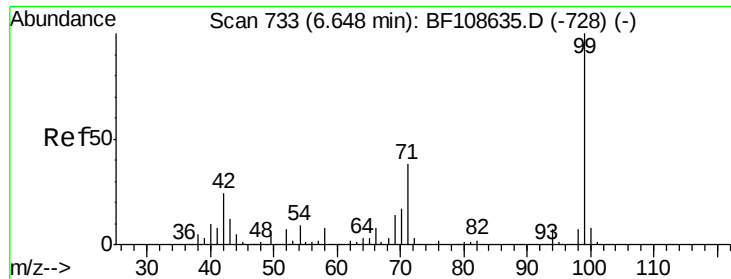


#5

2-Fluorophenol
Concen: 19.284 ng
RT: 5.68 min Scan# 568
Delta R.T. 0.03 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

Tgt Ion:112 Resp: 91289
Ion Ratio Lower Upper
112 100
64 64.2 47.9 71.9
63 33.0 23.7 35.5





#7

Phenol-d6

Concen: 22.632 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108673.D

Acq: 31 Aug 2018 6:45

Instrument :

BNA_G

ClientSampleId :

082818-JETT-F-D-B

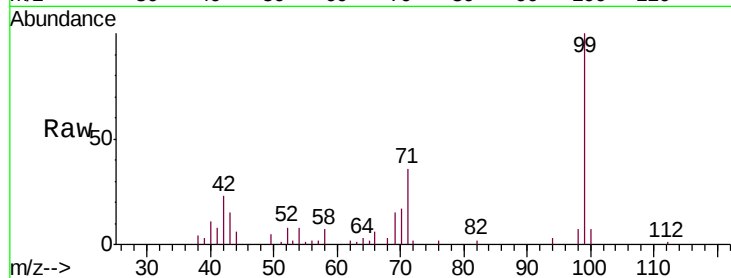
Tgt Ion: 99 Resp: 153451

Ion Ratio Lower Upper

99 100

42 22.9 14.5 21.7#

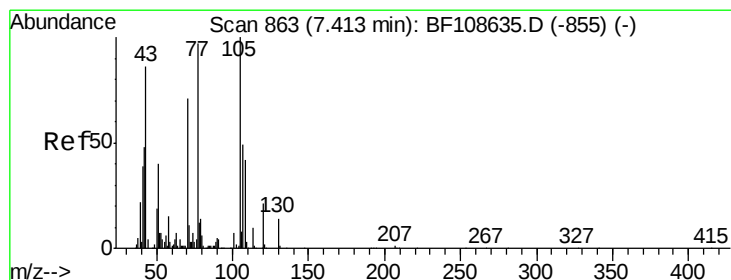
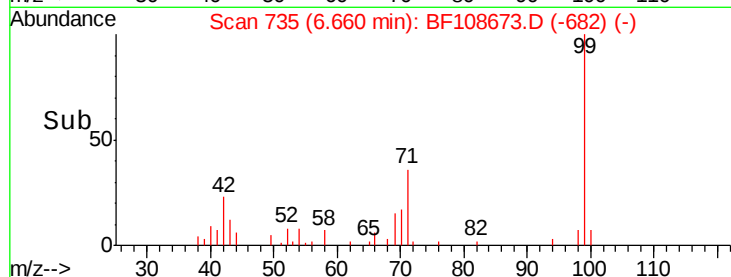
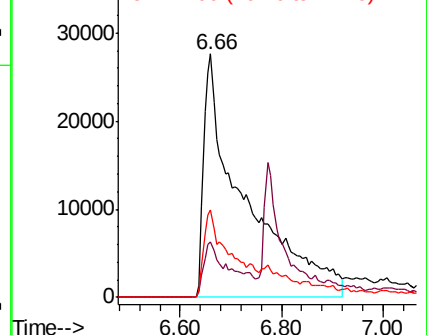
71 35.7 25.4 38.0



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: 16.992 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108673.D

Acq: 31 Aug 2018 6:45

Tgt Ion: 70 Resp: 77154

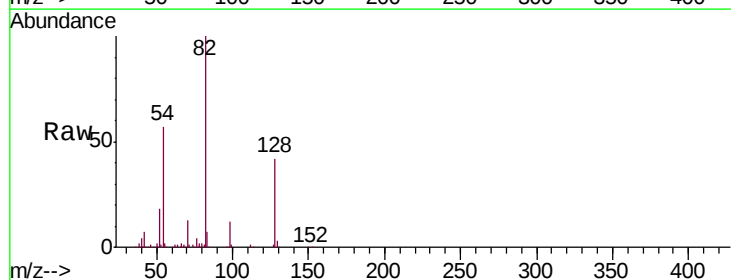
Ion Ratio Lower Upper

70 100

42 53.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

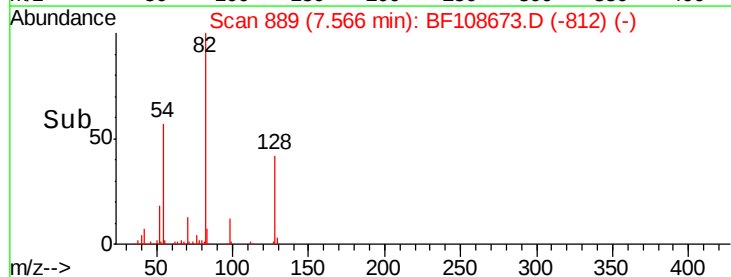
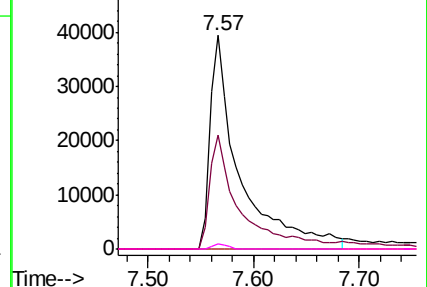


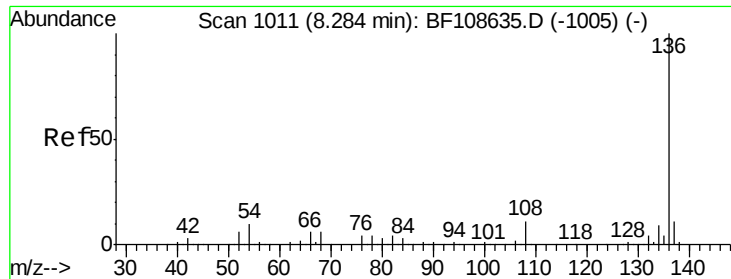
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

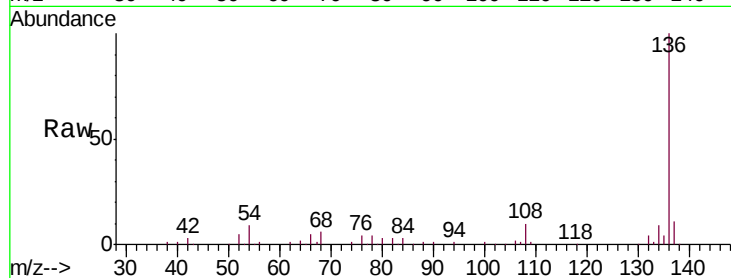




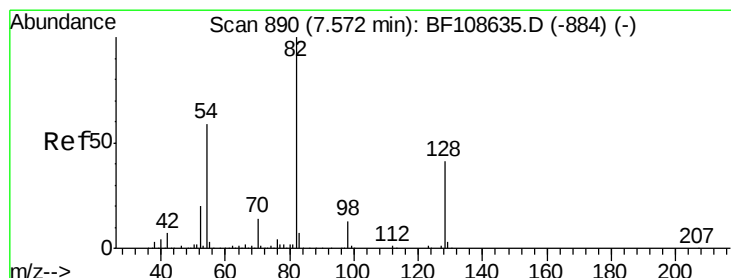
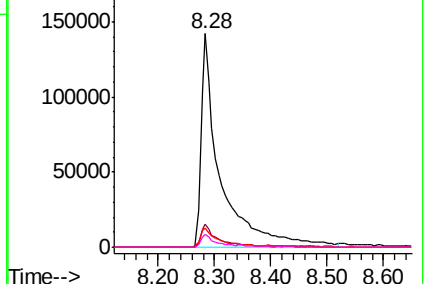
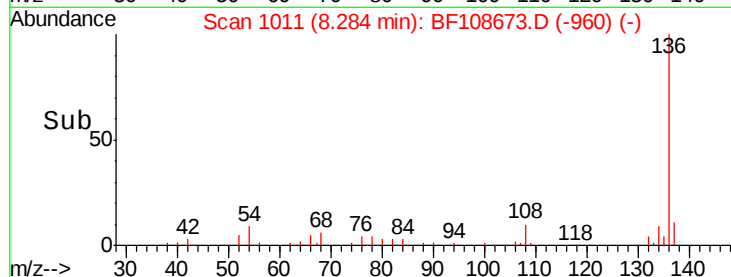
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

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082818-JETT-F-D-B

Tgt Ion:	136	Resp:	337501
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.2	6.6	9.8
68	6.1	5.0	7.4

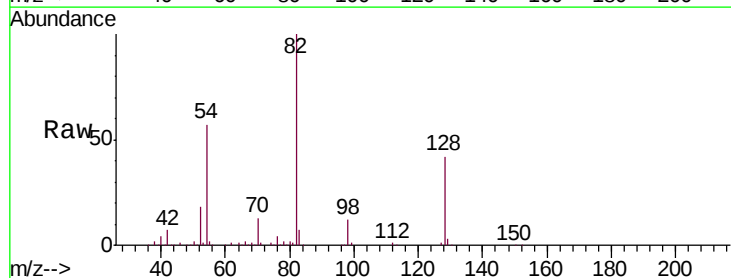


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

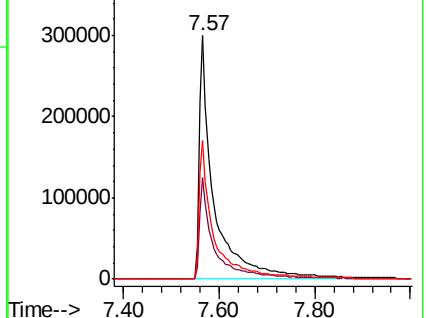
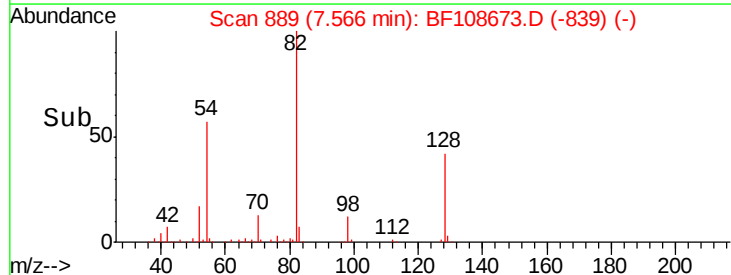


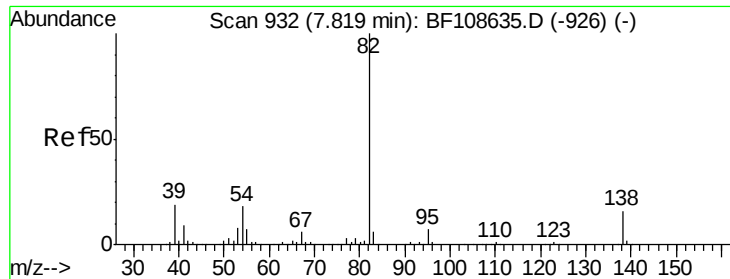
#23
Nitrobenzene-d5
Concen: 97.495 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

Tgt Ion:	82	Resp:	648257
Ion	Ratio	Lower	Upper
82	100		
128	41.7	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

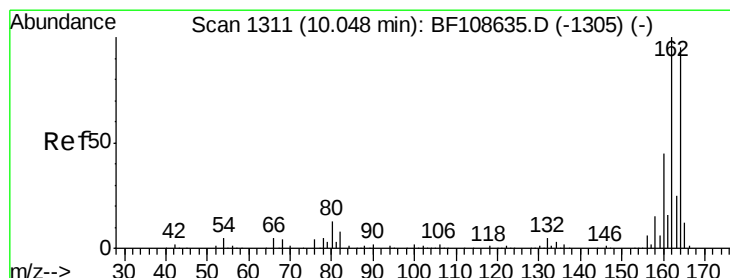
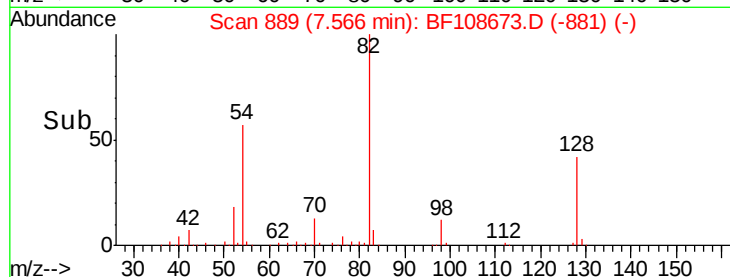
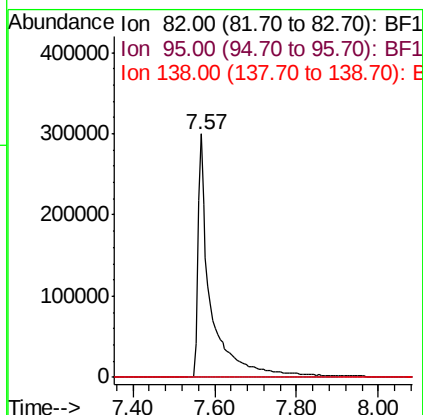
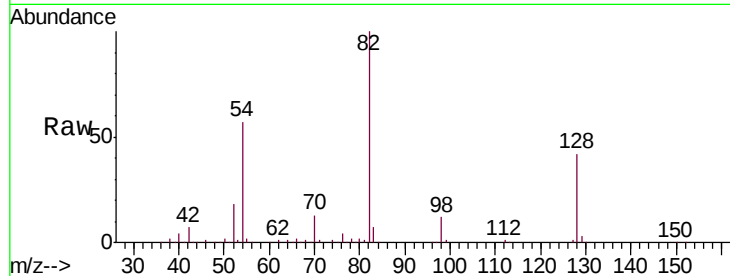




#25
Isophorone
Concen: 59.370 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

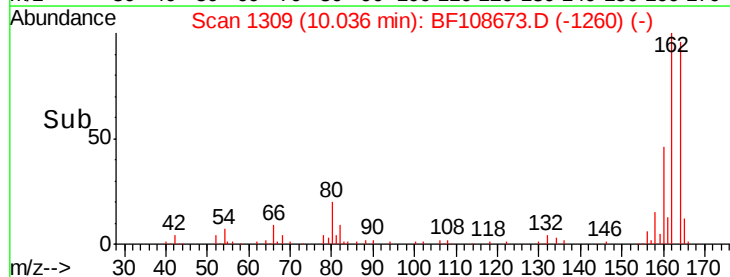
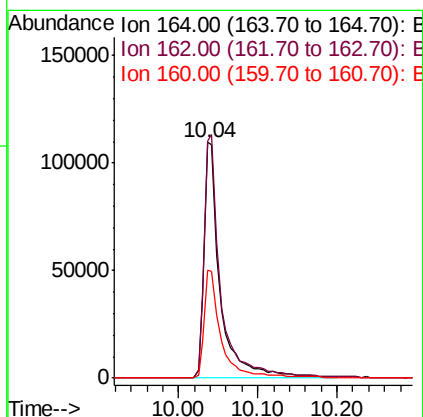
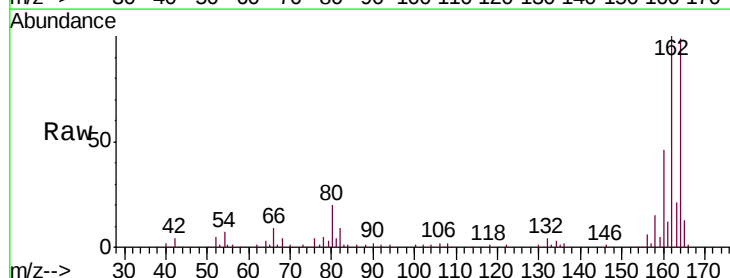
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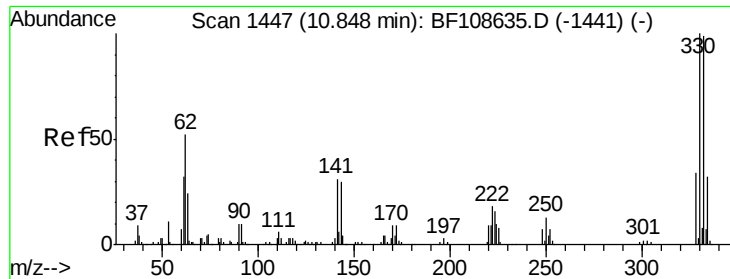
Tgt Ion: 82 Resp: 655762
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

Tgt Ion: 164 Resp: 159326
Ion Ratio Lower Upper
164 100
162 100.5 86.1 129.1
160 45.8 38.3 57.5

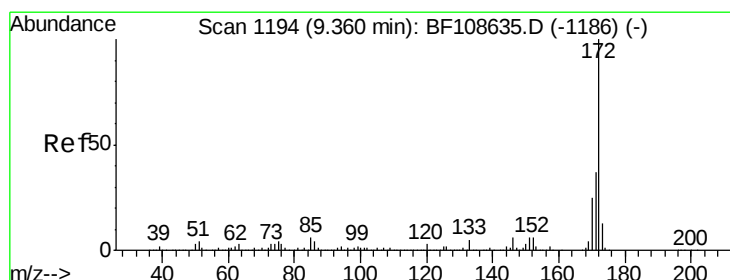
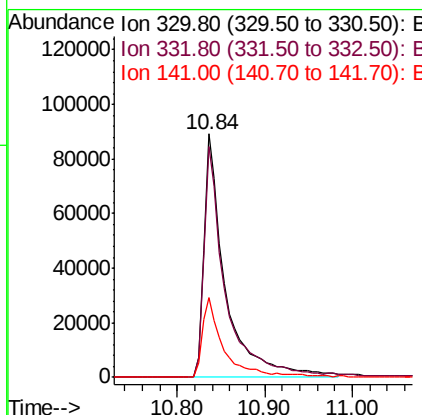
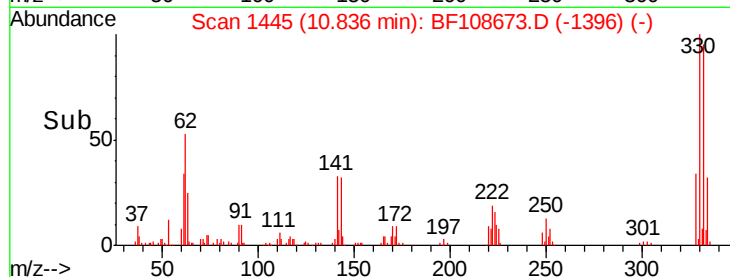
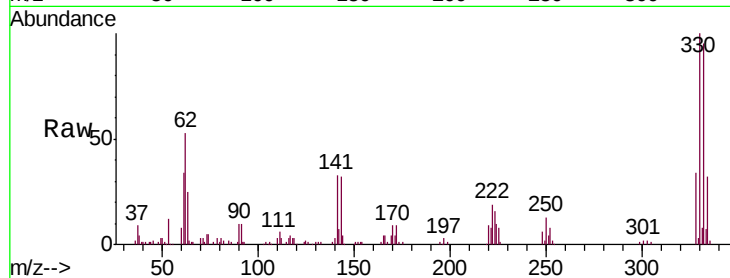




#41
 2,4,6-Tribromophenol
 Concen: 71.995 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108673.D
 Acq: 31 Aug 2018 6:45

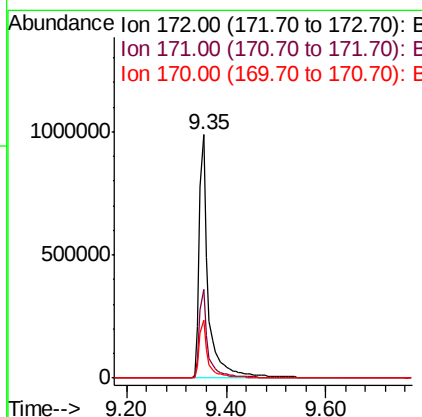
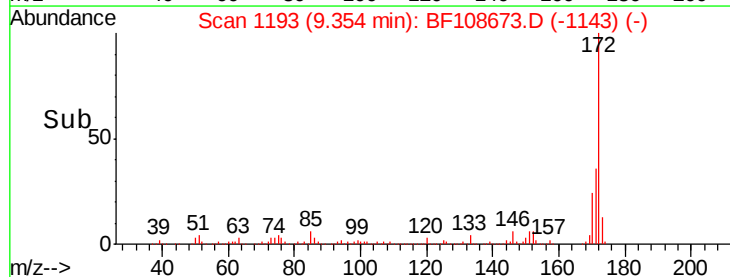
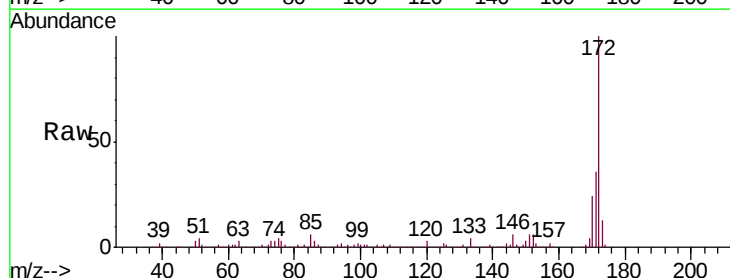
Instrument :
 BNA_G
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 082818-JETT-F-D-B

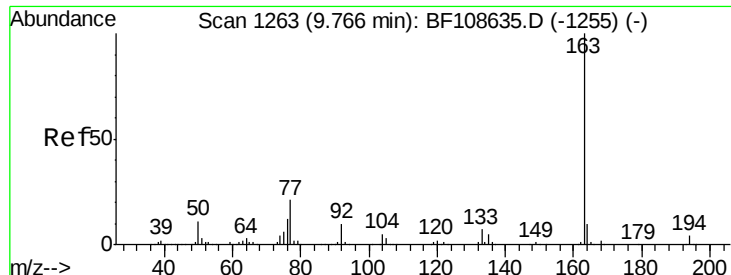
Tgt Ion:330 Resp: 151426
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 33.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 106.514 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108673.D
 Acq: 31 Aug 2018 6:45

Tgt Ion:172 Resp: 1262147
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.7 19.6 29.4

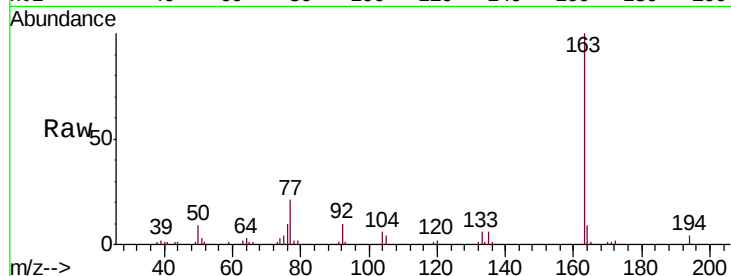




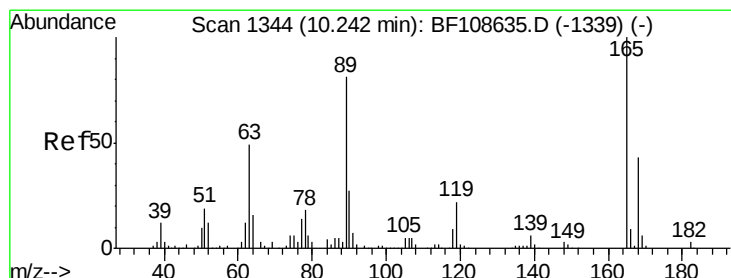
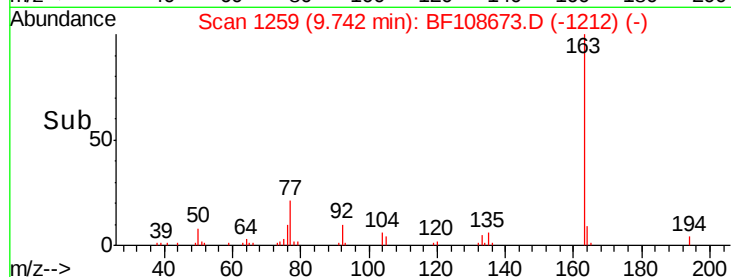
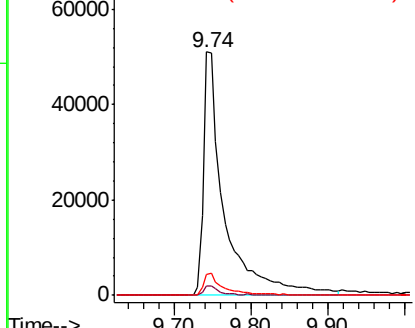
#49
Dimethylphthalate
Concen: 7.736 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

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

Tgt Ion:163 Resp: 97063
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 8.8 8.2 12.2

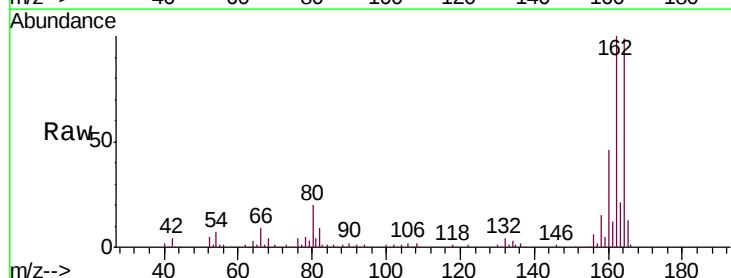


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

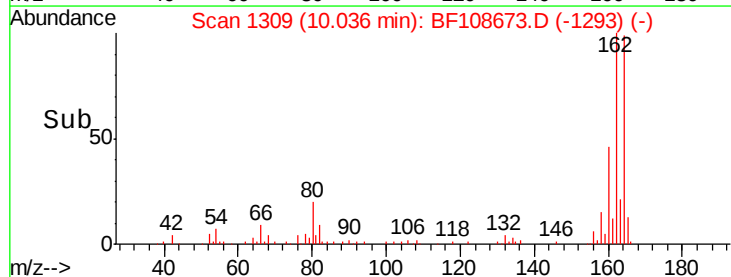
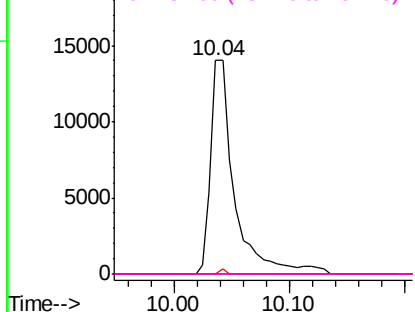


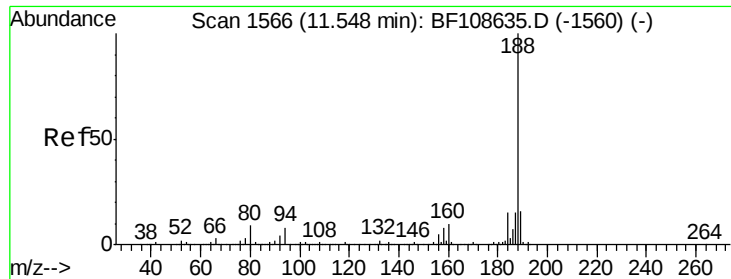
#56
2,4-Dinitrotoluene
Concen: 5.492 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

Tgt Ion:165 Resp: 20111
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

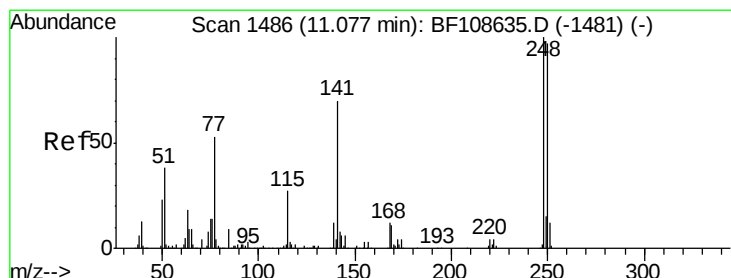
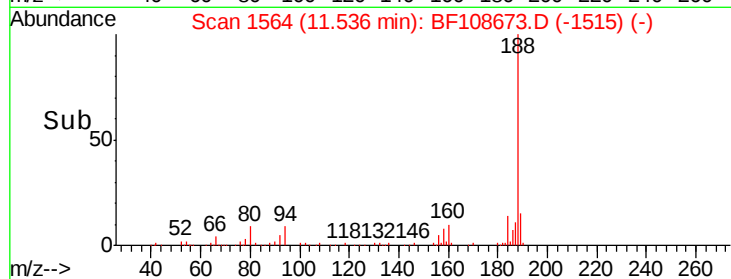
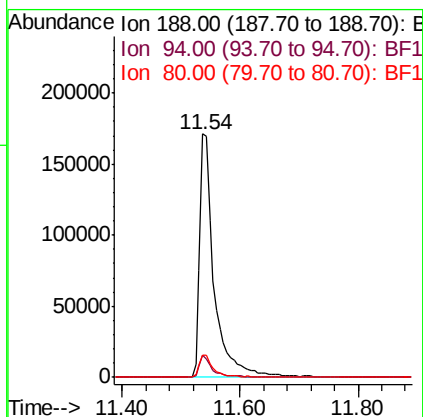
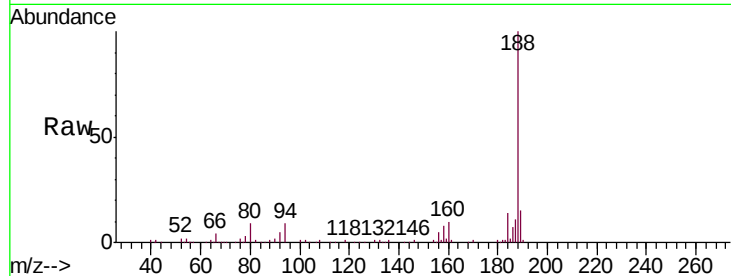




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108673.D
 Acq: 31 Aug 2018 6:45

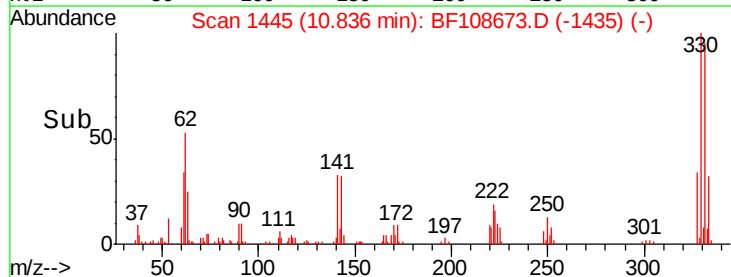
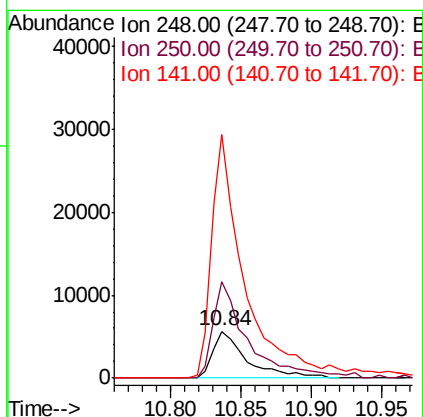
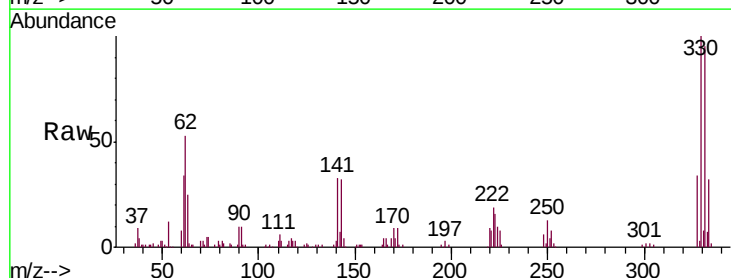
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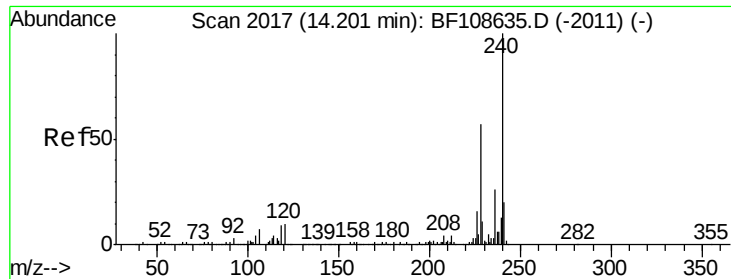
Tgt Ion:188 Resp: 289573
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 9.0 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.644 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108673.D
 Acq: 31 Aug 2018 6:45

Tgt Ion:248 Resp: 9410
 Ion Ratio Lower Upper
 248 100
 250 206.2 76.9 115.3#
 141 521.6 74.4 111.6#

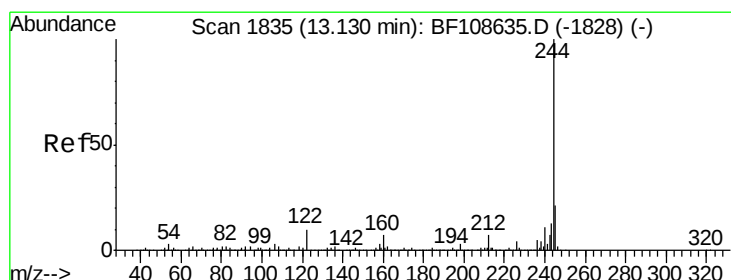
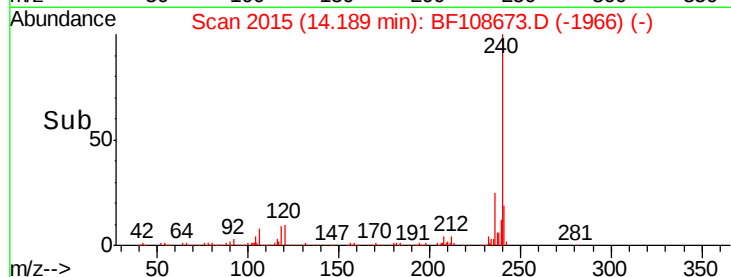
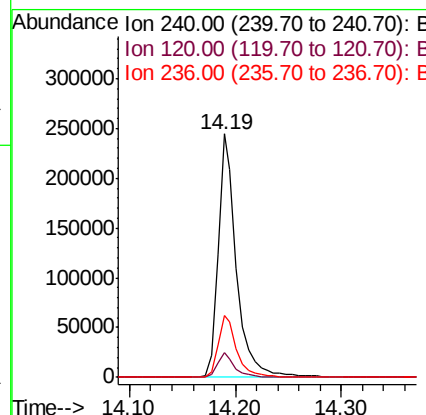
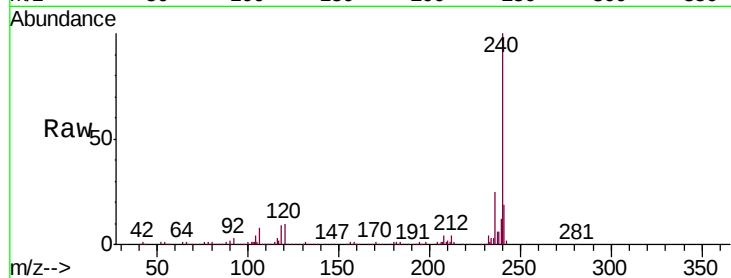




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

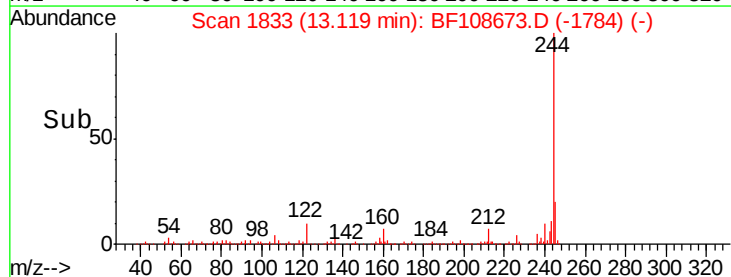
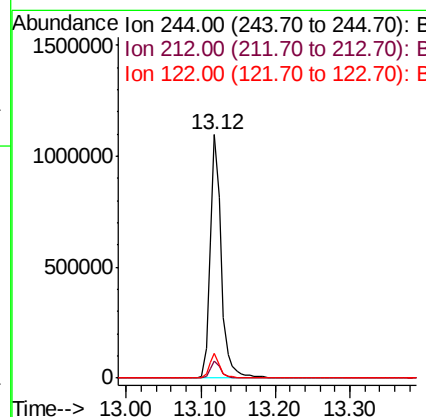
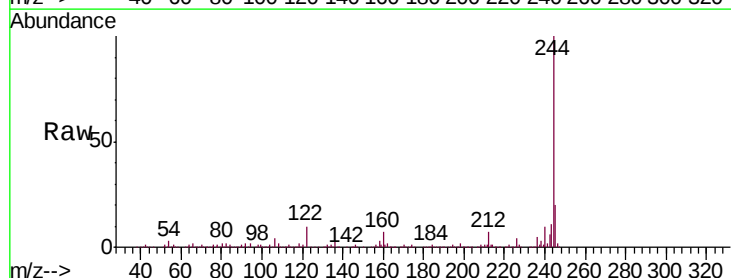
Instrument :
BNA_G
ClientSampleId :
082818-JETT-F-D-B

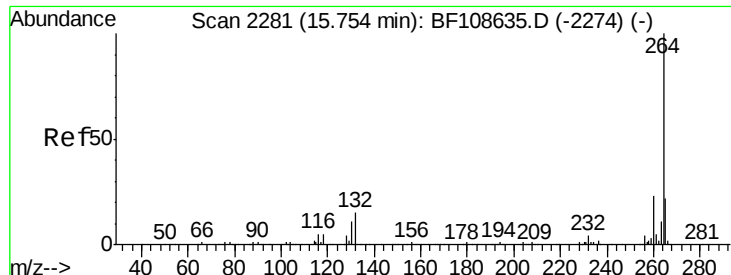
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.4	20.7	31.1



#78
Terphenyl-d14
Concen: 74.337 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.0	11.0	16.4#

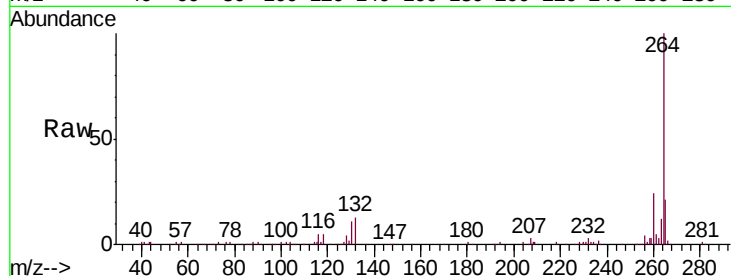




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108673.D
Acq: 31 Aug 2018 6:45

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

Tgt Ion:	264	Resp:	251428
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	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

