

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108189.D
 Acq On : 16 Aug 2018 2:08
 Operator : JU/SJ
 Sample : J4440-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-U-S

Quant Time: Aug 16 04:17:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

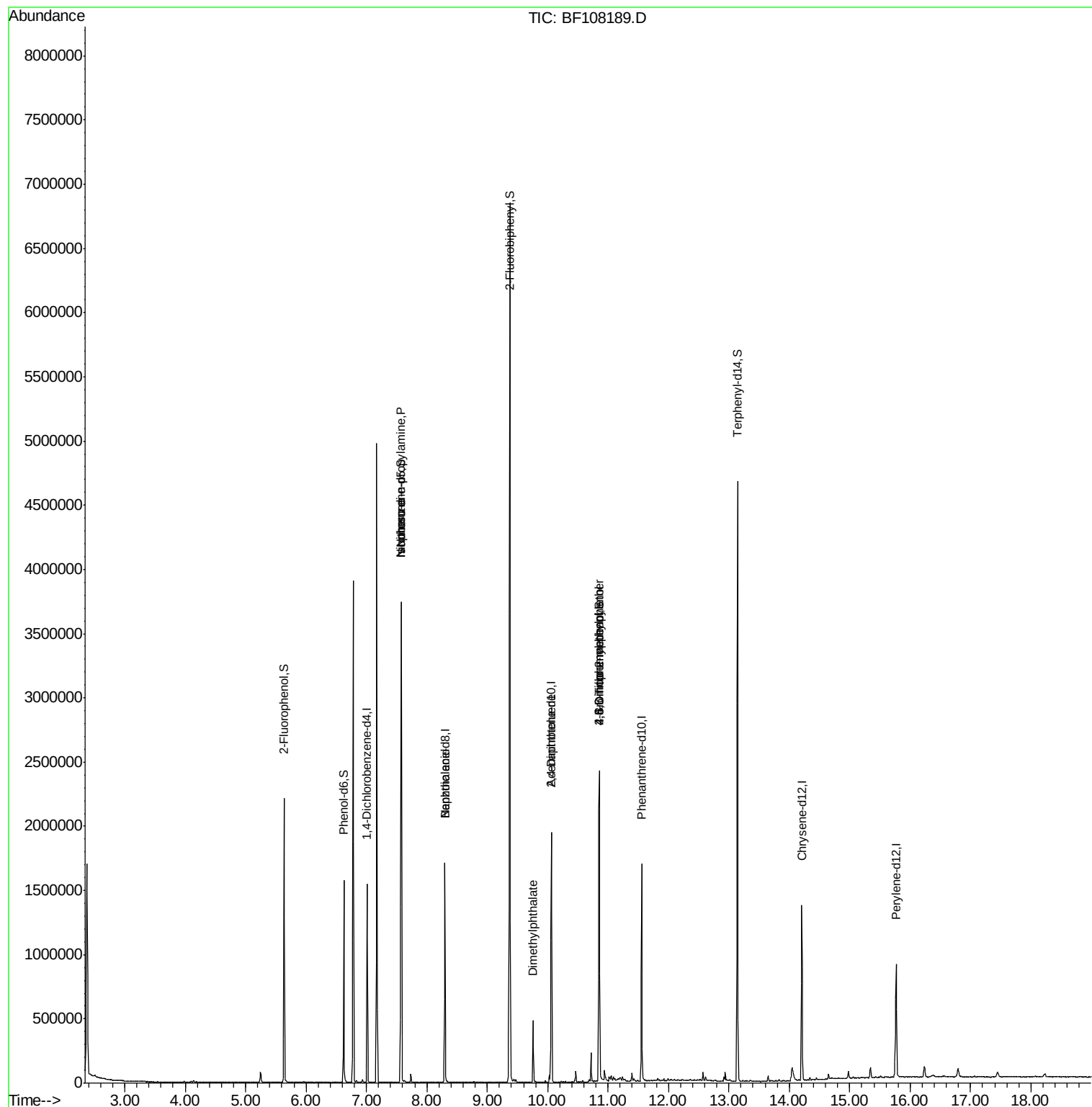
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	212217	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	790305	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	380749	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	602984	20.00	ng	0.00
75) Chrysene-d12	14.21	240	443855	20.00	ng	-0.01
86) Perylene-d12	15.77	264	445280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	500424	42.69	ng	0.00
7) Phenol-d6	6.62	99	424847	27.27	ng	0.00
23) Nitrobenzene-d5	7.58	82	1423094	100.48	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	299135	78.76	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2357608	99.41	ng	0.00
78) Terphenyl-d14	13.14	244	1659729	95.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	196181	18.625	ng	# 86
25) Isophorone	7.58	82	1416428	52.470	ng	# 64
32) Benzoic acid	8.30	122	106	5.988	ng	# 1
49) Dimethylphthalate	9.76	163	180116	6.791	ng	99
56) 2,4-Dinitrotoluene	10.06	165	48102	6.735	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	789	5.668	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	19136	2.920	ng	# 1

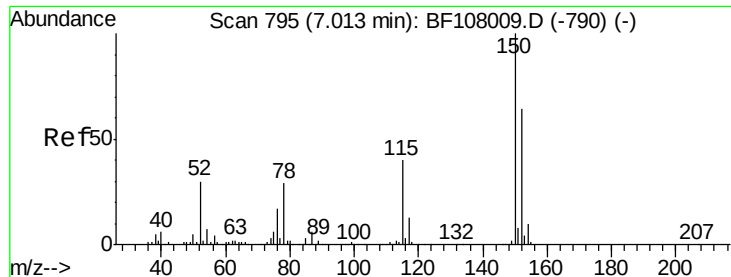
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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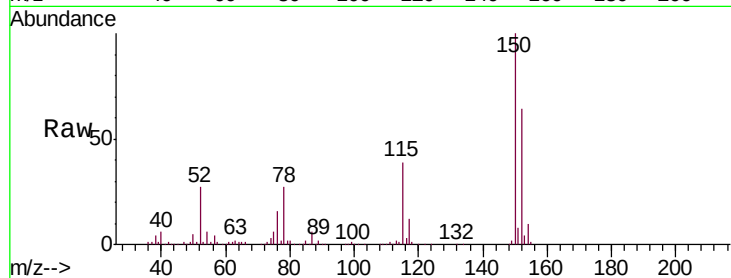


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.6	50.1	75.1

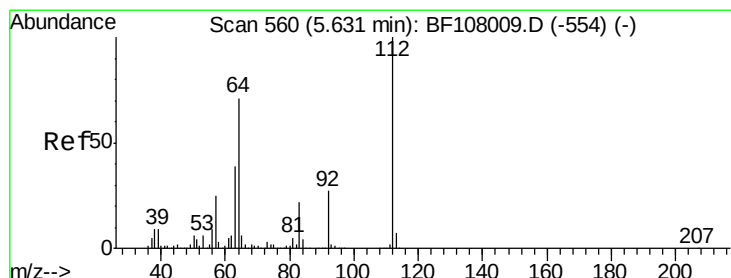
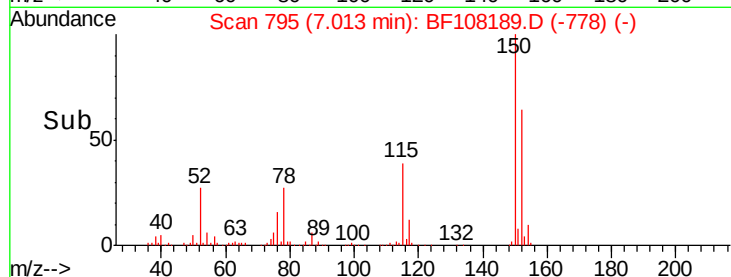
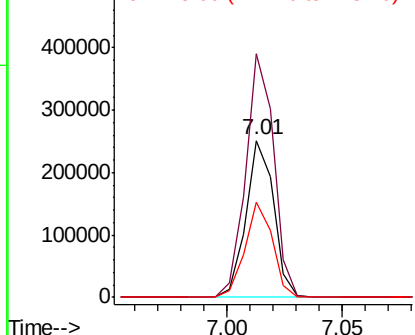


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

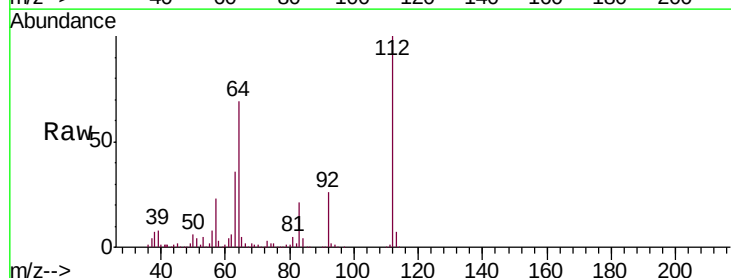
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.692 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	36.4	23.7	35.5

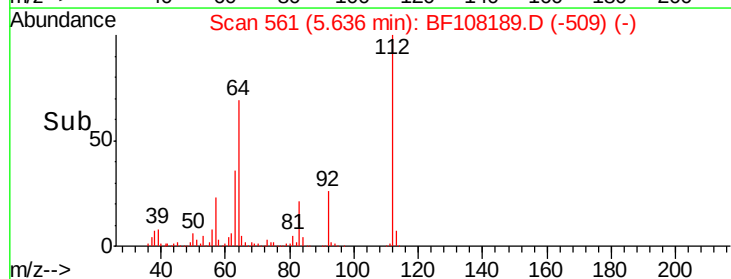
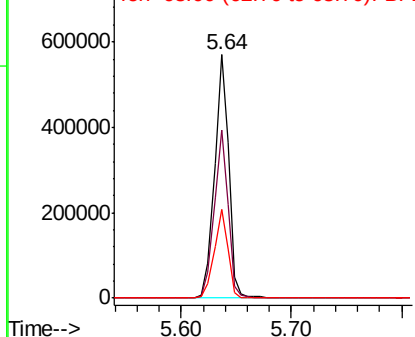


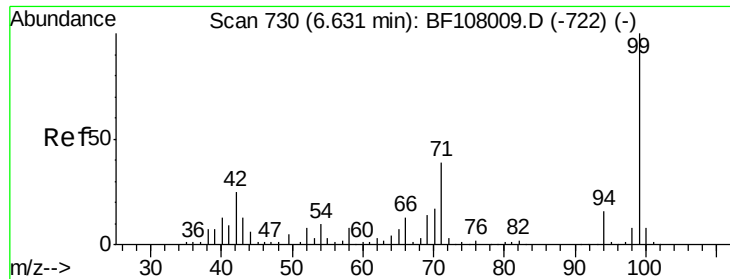
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.275 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108189.D

Acq: 16 Aug 2018 2:08

Instrument :

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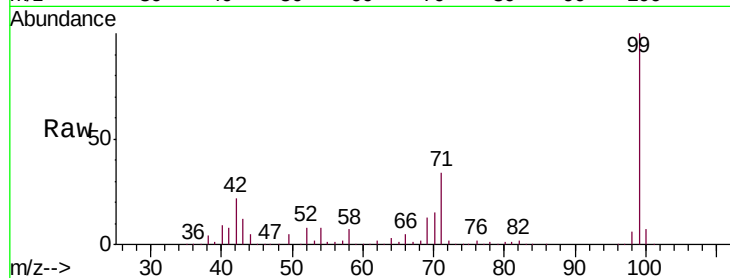
Tgt Ion: 99 Resp: 424847

Ion Ratio Lower Upper

99 100

42 22.3 14.5 21.7#

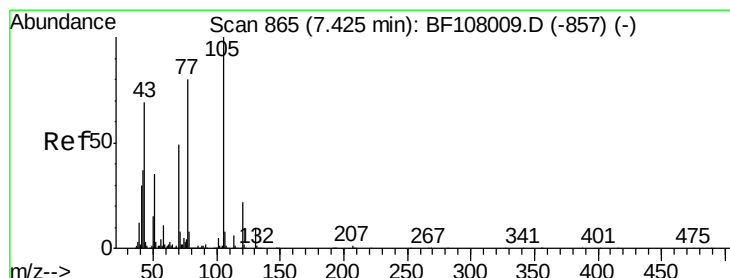
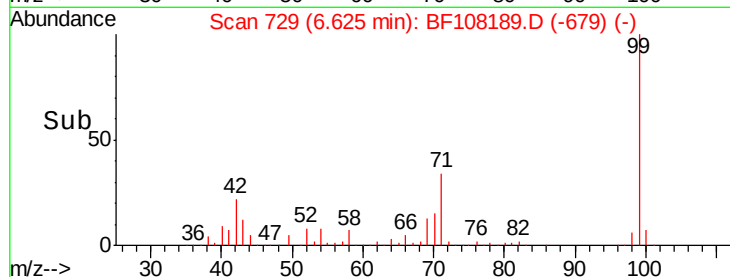
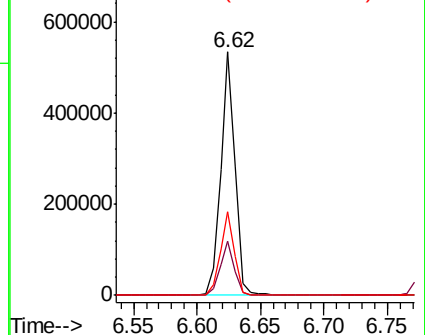
71 34.1 25.4 38.0



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: 18.625 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108189.D

Acq: 16 Aug 2018 2:08

Tgt Ion: 70 Resp: 196181

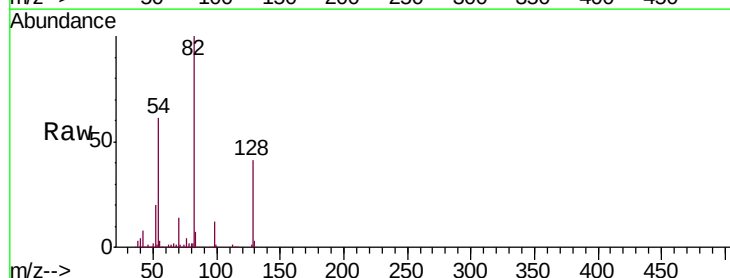
Ion Ratio Lower Upper

70 100

42 56.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

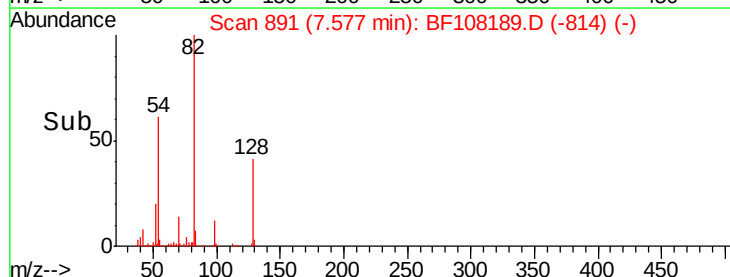
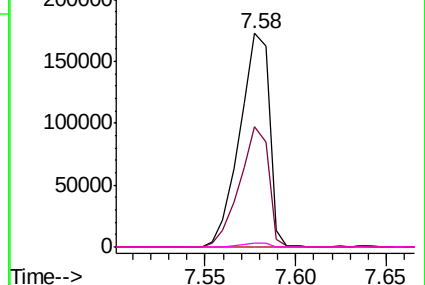


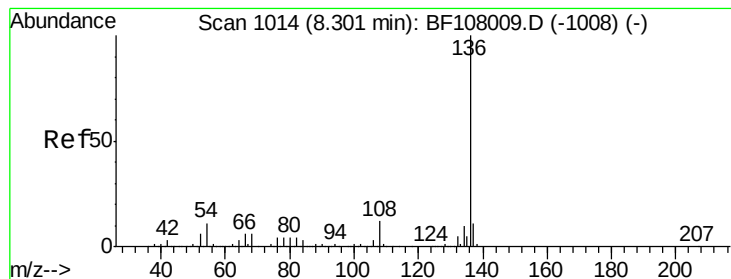
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108189.D

Acq: 16 Aug 2018 2:08

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-U-S

Tgt Ion: 136 Resp: 790305

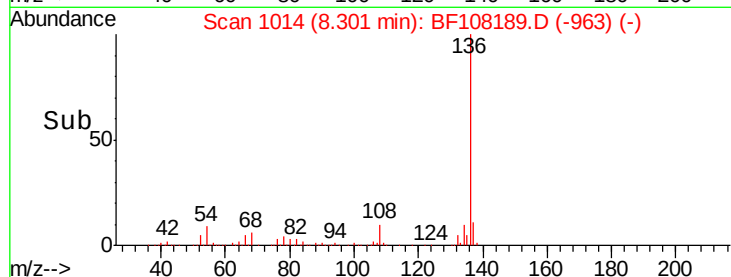
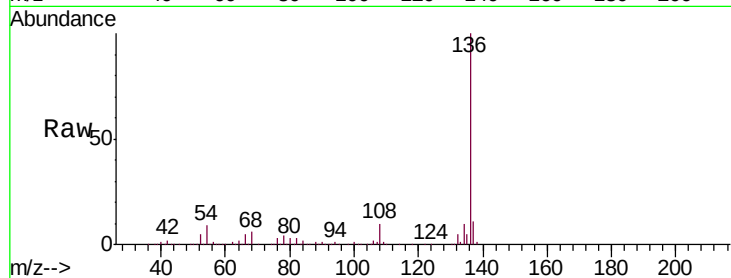
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.0 6.6 9.8

68 5.6 5.0 7.4

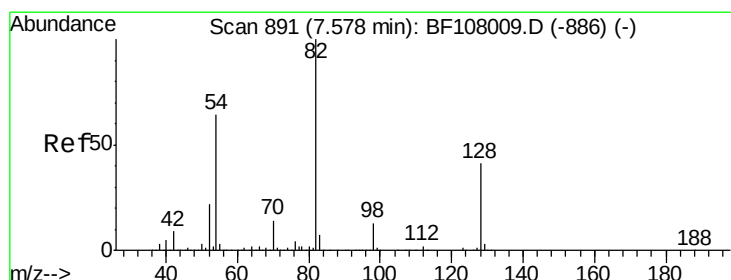
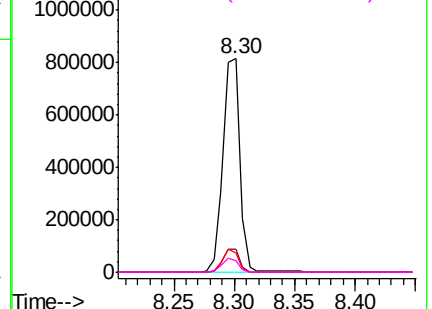


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.481 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF108189.D

Acq: 16 Aug 2018 2:08

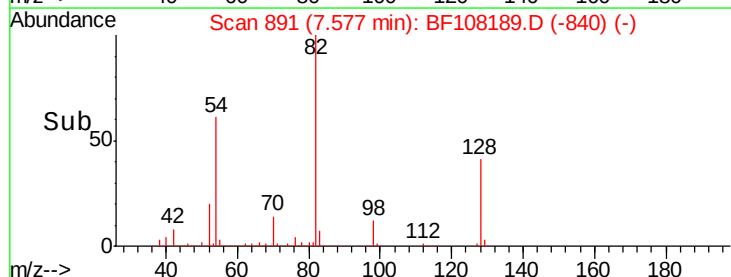
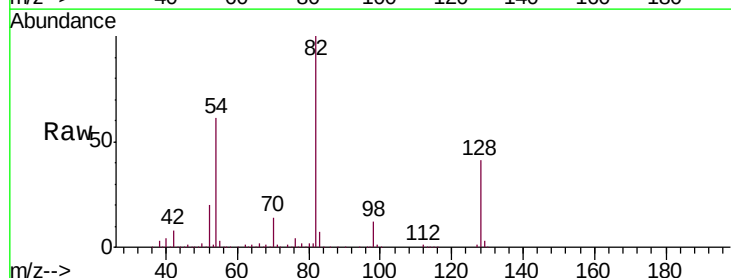
Tgt Ion: 82 Resp: 1423094

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

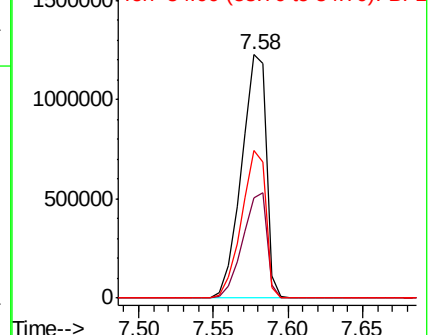
54 60.7 41.4 62.2

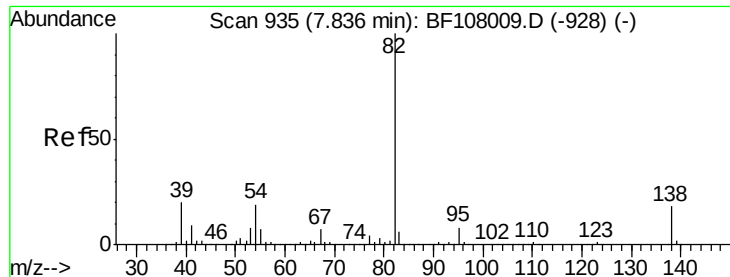


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.470 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108189.D

Acq: 16 Aug 2018 2:08

Instrument :

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ClientSampleId :

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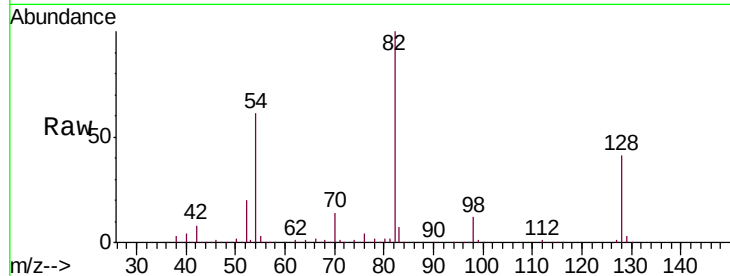
Tgt Ion: 82 Resp: 1416428

Ion Ratio Lower Upper

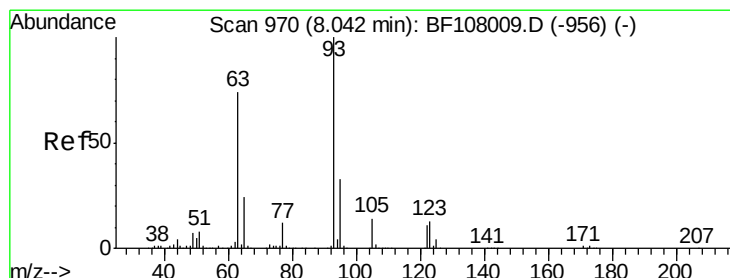
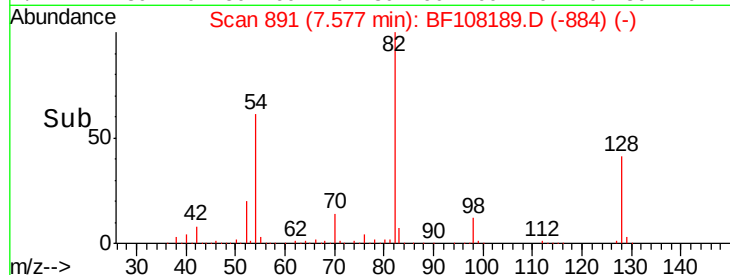
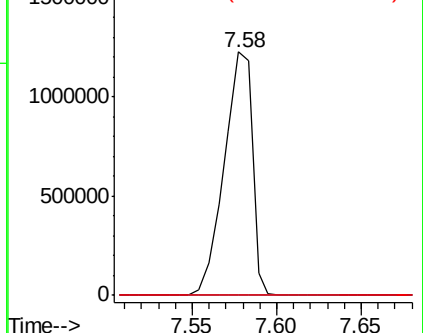
82 100

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



#32

Benzoic acid

Concen: 5.988 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.26 min

Lab File: BF108189.D

Acq: 16 Aug 2018 2:08

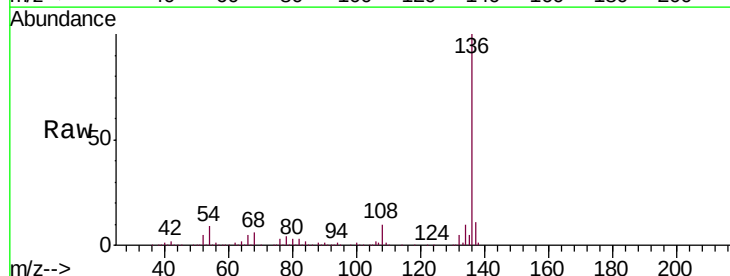
Tgt Ion: 122 Resp: 106

Ion Ratio Lower Upper

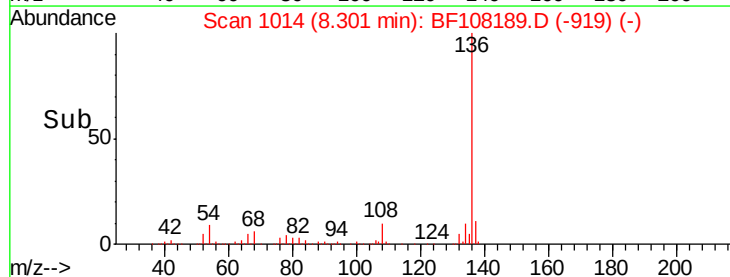
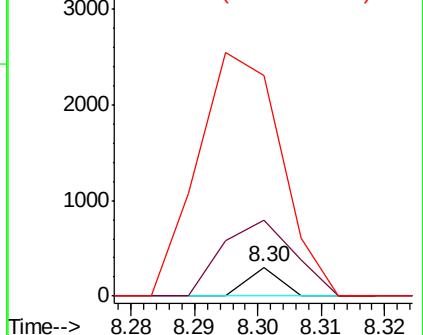
122 100

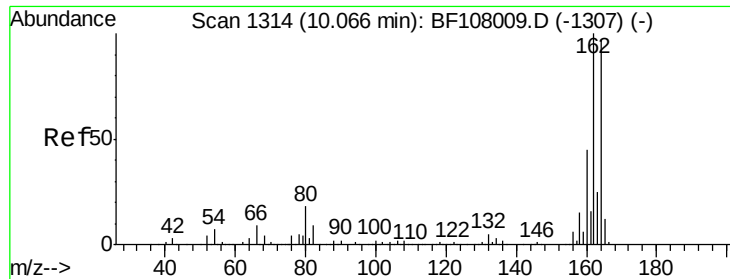
105 263.7 101.1 141.1#

77 770.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

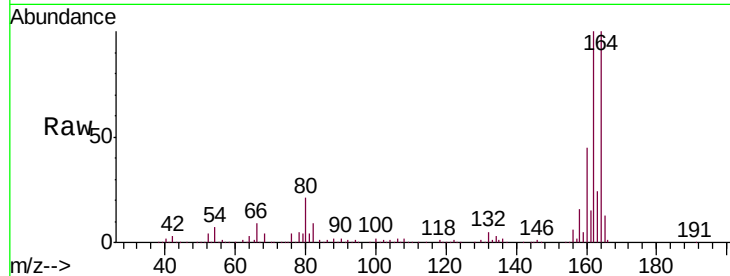




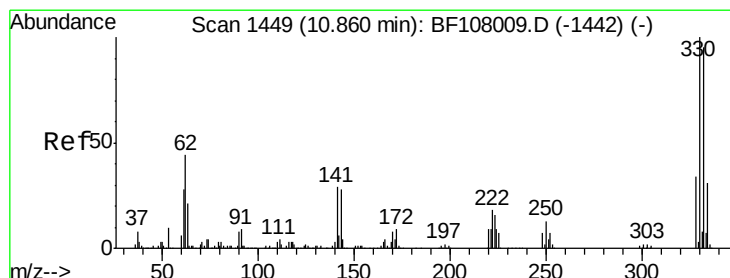
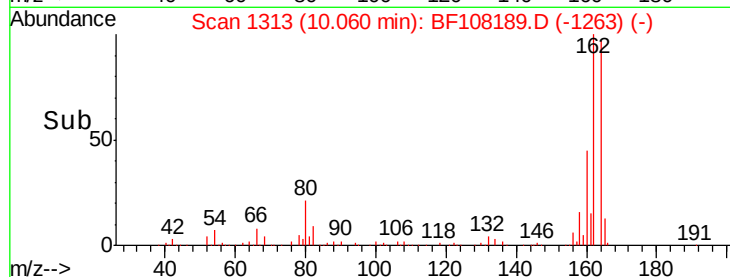
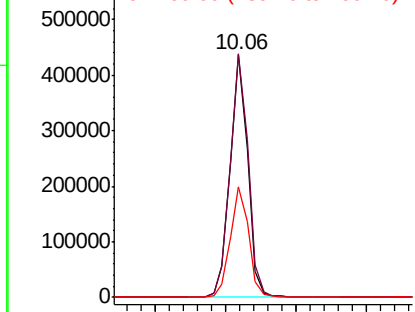
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-S

Tgt Ion:164 Resp: 380749
Ion Ratio Lower Upper
164 100
162 100.3 86.1 129.1
160 45.4 38.3 57.5

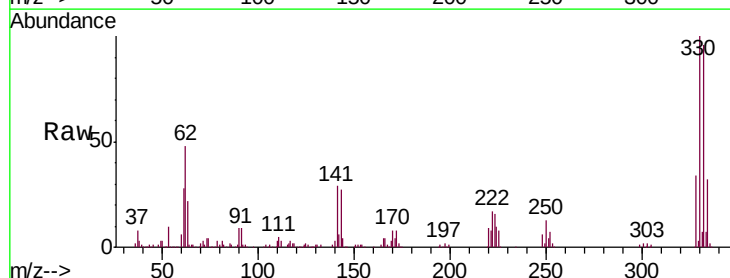


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

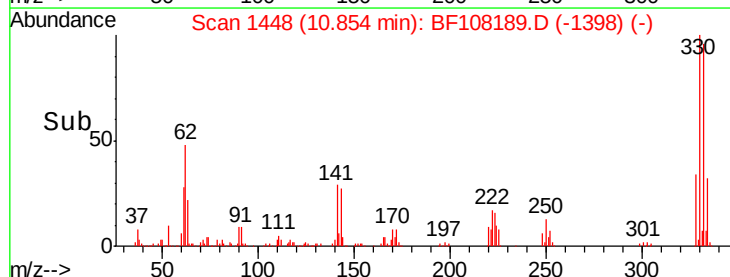
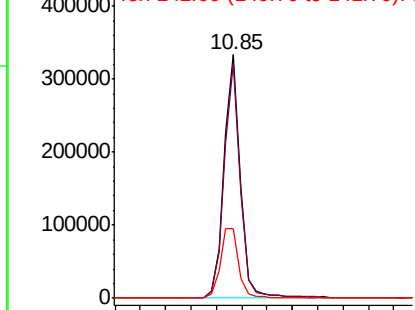


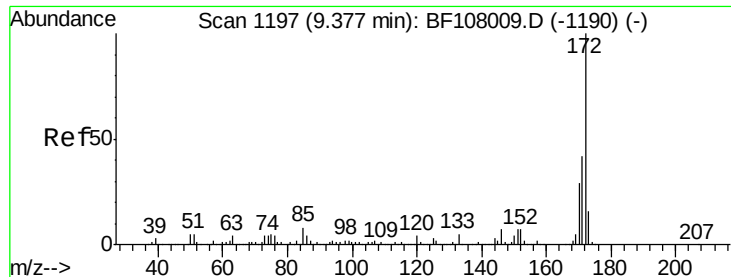
#41
2,4,6-Tribromophenol
Concen: 78.764 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

Tgt Ion:330 Resp: 299135
Ion Ratio Lower Upper
330 100
332 96.2 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

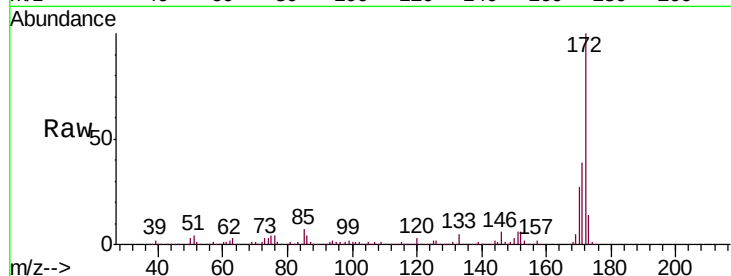




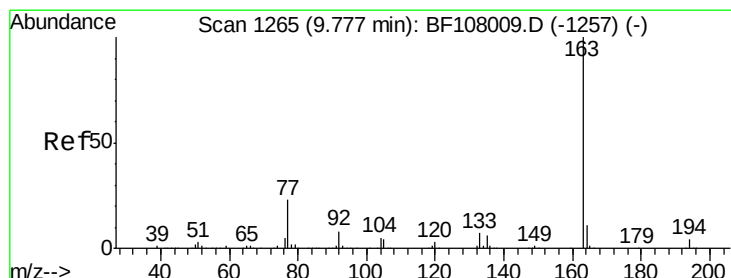
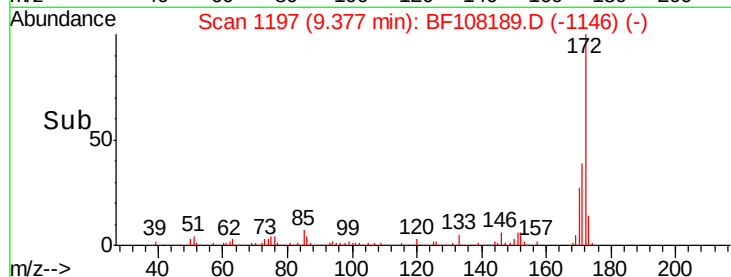
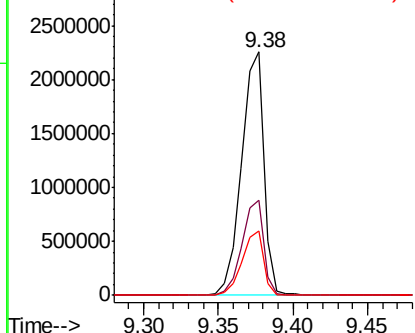
#44
2-Fluorobiphenyl
Concen: 99.411 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-S

Tgt Ion:172 Resp: 2357608
Ion Ratio Lower Upper
172 100
171 39.2 29.7 44.5
170 26.5 19.6 29.4

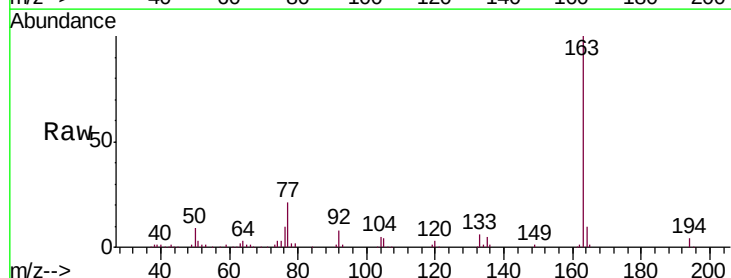


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

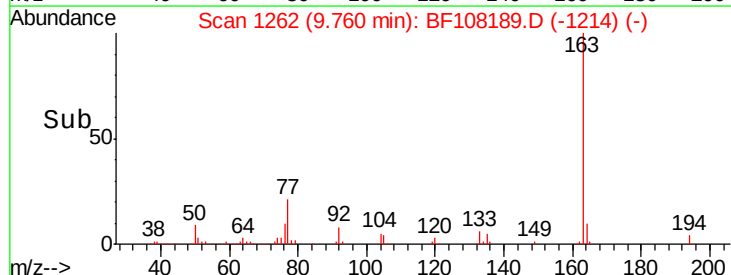
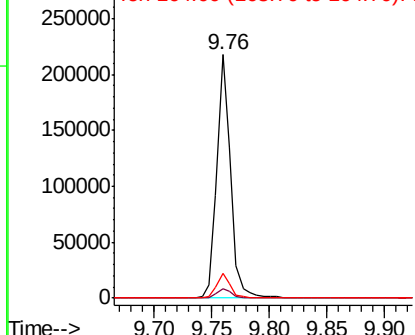


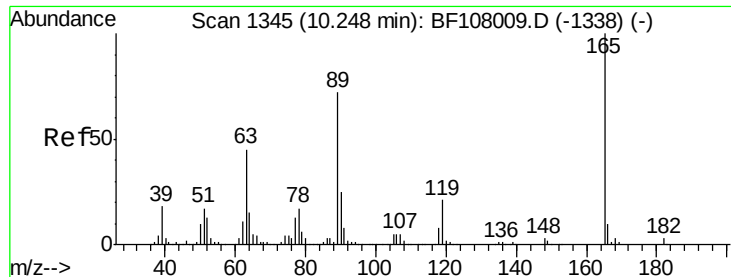
#49
Dimethylphthalate
Concen: 6.791 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

Tgt Ion:163 Resp: 180116
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 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

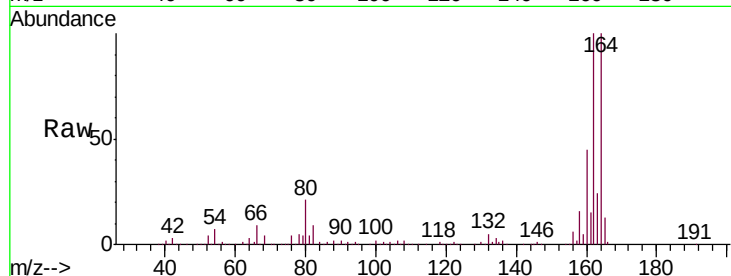




#56
 2,4-Dinitrotoluene
 Concen: 6.735 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108189.D
 Acq: 16 Aug 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

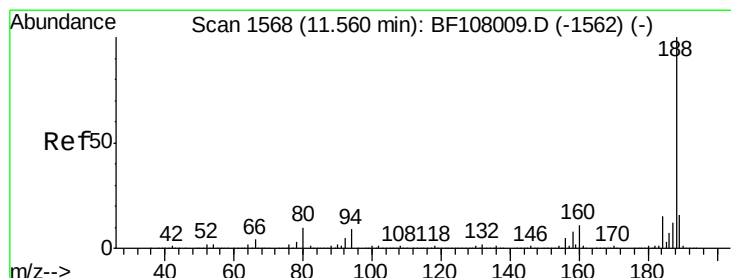
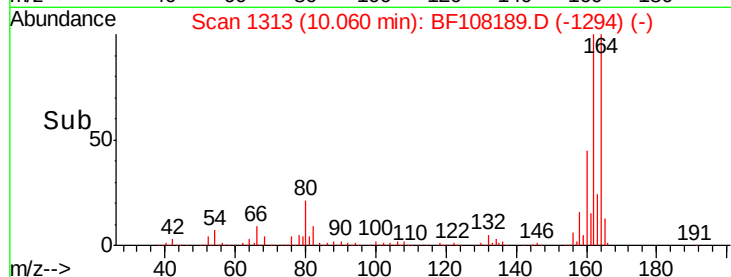
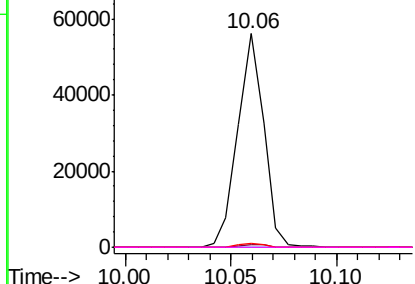


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

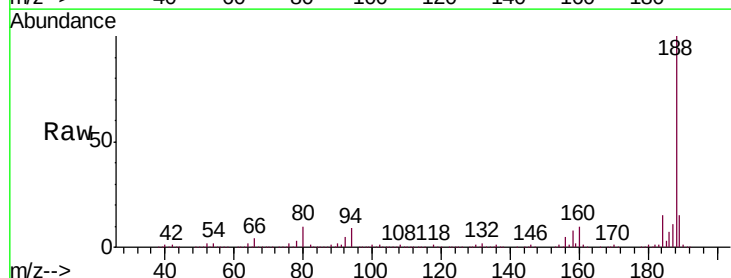
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108189.D
 Acq: 16 Aug 2018 2:08

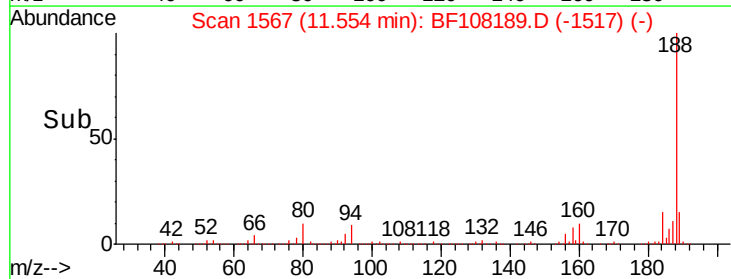
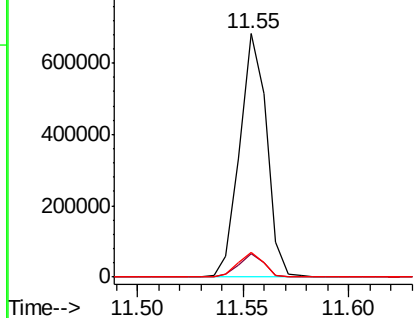
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8

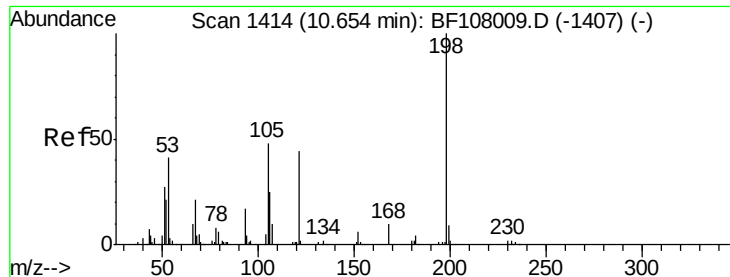


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

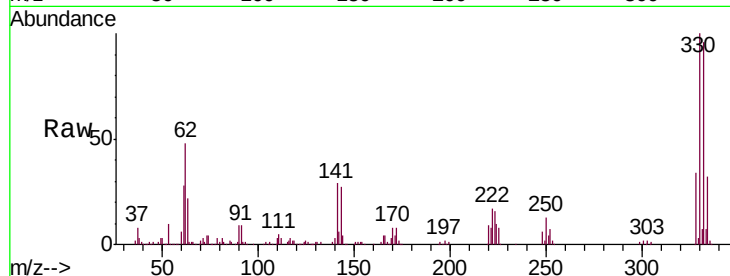




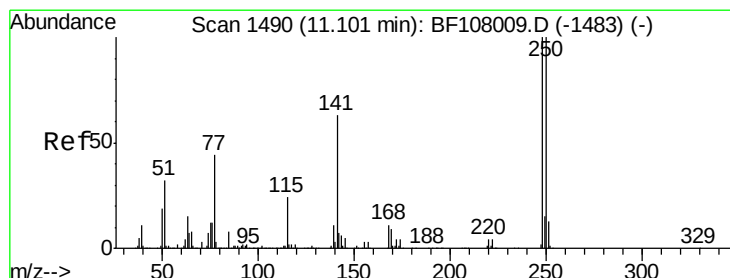
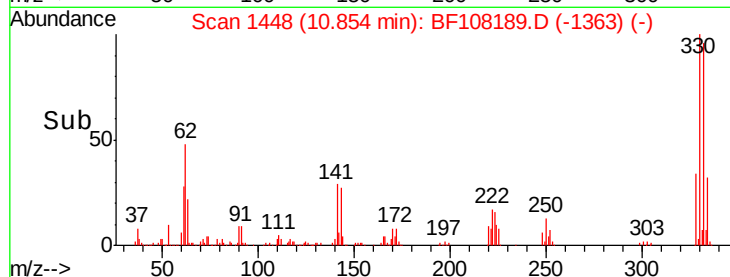
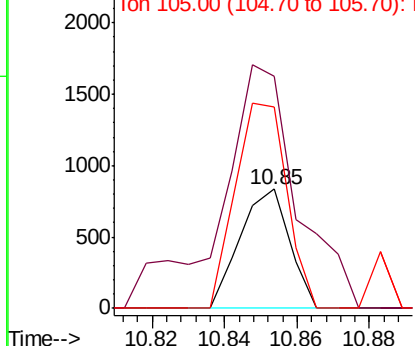
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.668 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108189.D
 Acq: 16 Aug 2018 2:08

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-U-S

Tgt Ion:198 Resp: 789
 Ion Ratio Lower Upper
 198 100
 51 194.6 37.7 77.7#
 105 168.5 36.3 76.3#

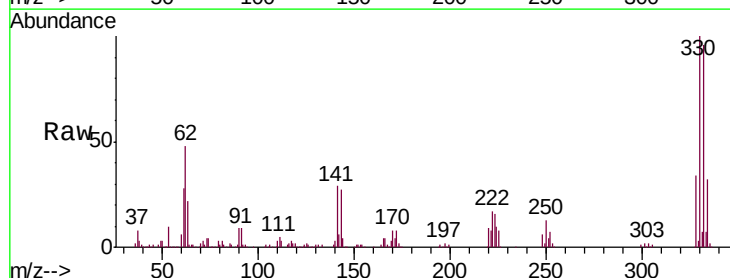


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

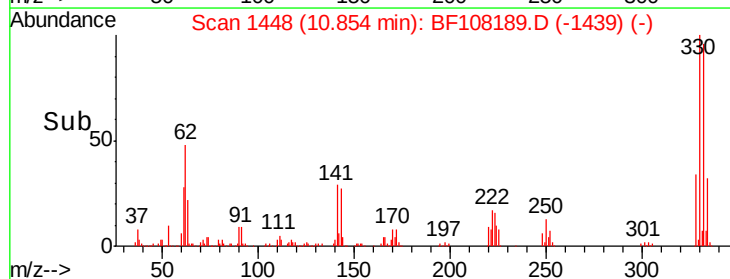
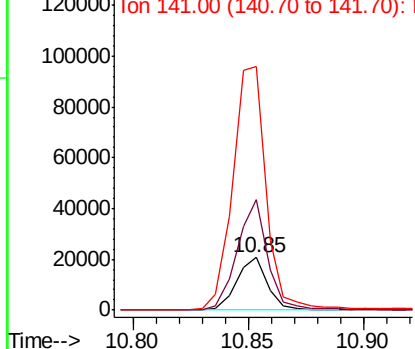


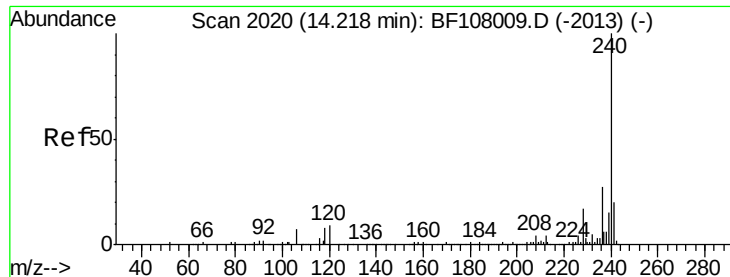
#66
 4-Bromophenyl-phenylether
 Concen: 2.920 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108189.D
 Acq: 16 Aug 2018 2:08

Tgt Ion:248 Resp: 19136
 Ion Ratio Lower Upper
 248 100
 250 211.1 76.9 115.3#
 141 464.3 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

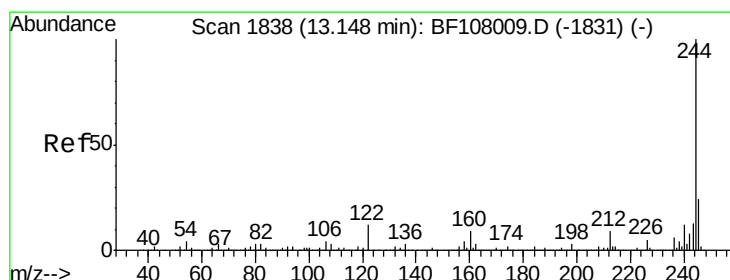
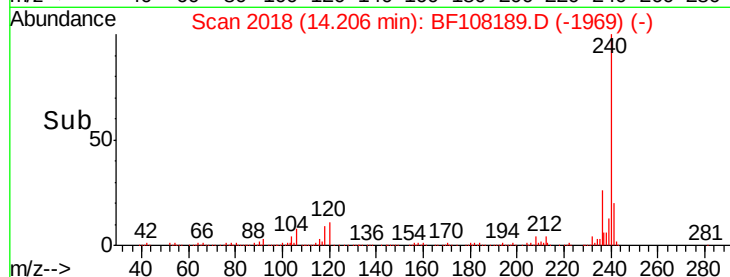
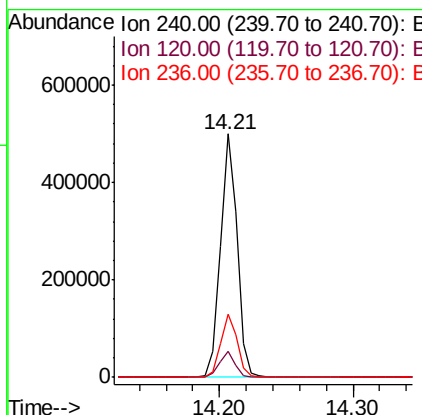
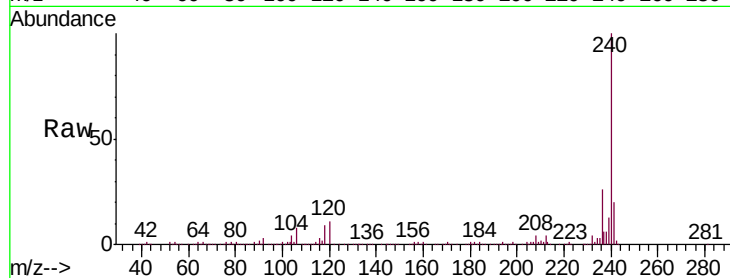




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

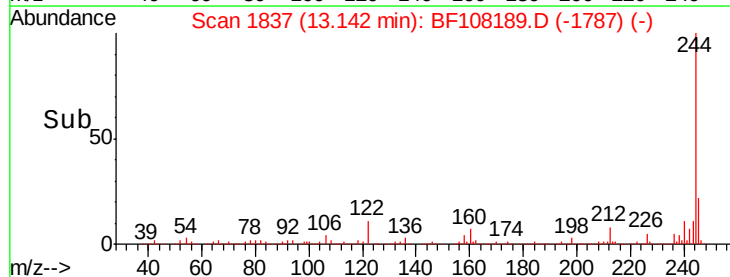
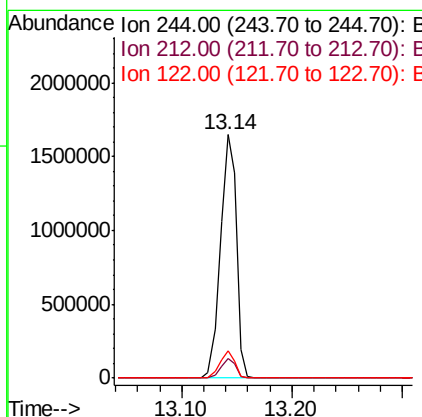
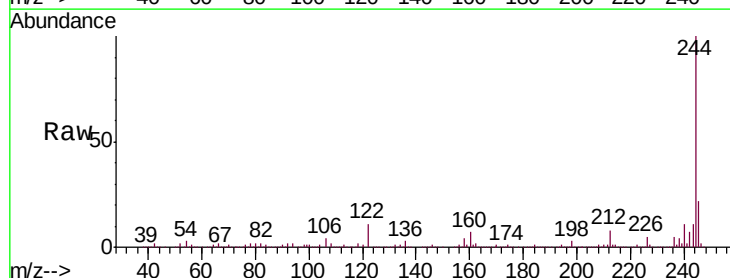
Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-U-S

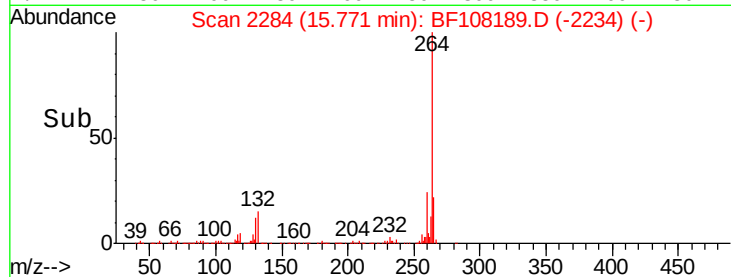
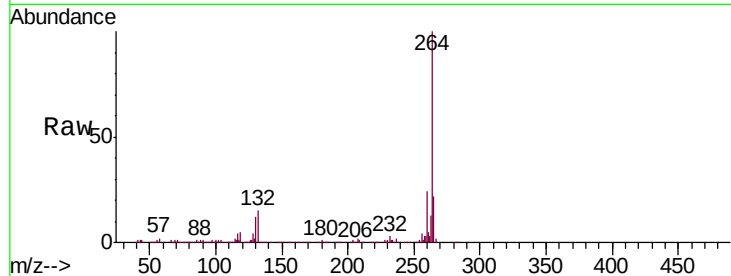
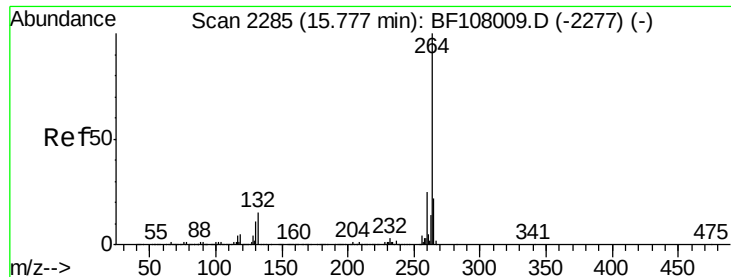
Tgt Ion:240 Resp: 443855
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 95.076 ng
RT: 13.14 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF108189.D
Acq: 16 Aug 2018 2:08

Tgt Ion:244 Resp: 1659729
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.0
122 11.5 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108189.D

Acq: 16 Aug 2018 2:08

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-U-S

Tgt Ion: 264 Resp: 445280

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 17.5 26.3

