

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108181.D
 Acq On : 15 Aug 2018 22:29
 Operator : JU/SJ
 Sample : J3822-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS002-01

Quant Time: Aug 16 01:53:02 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

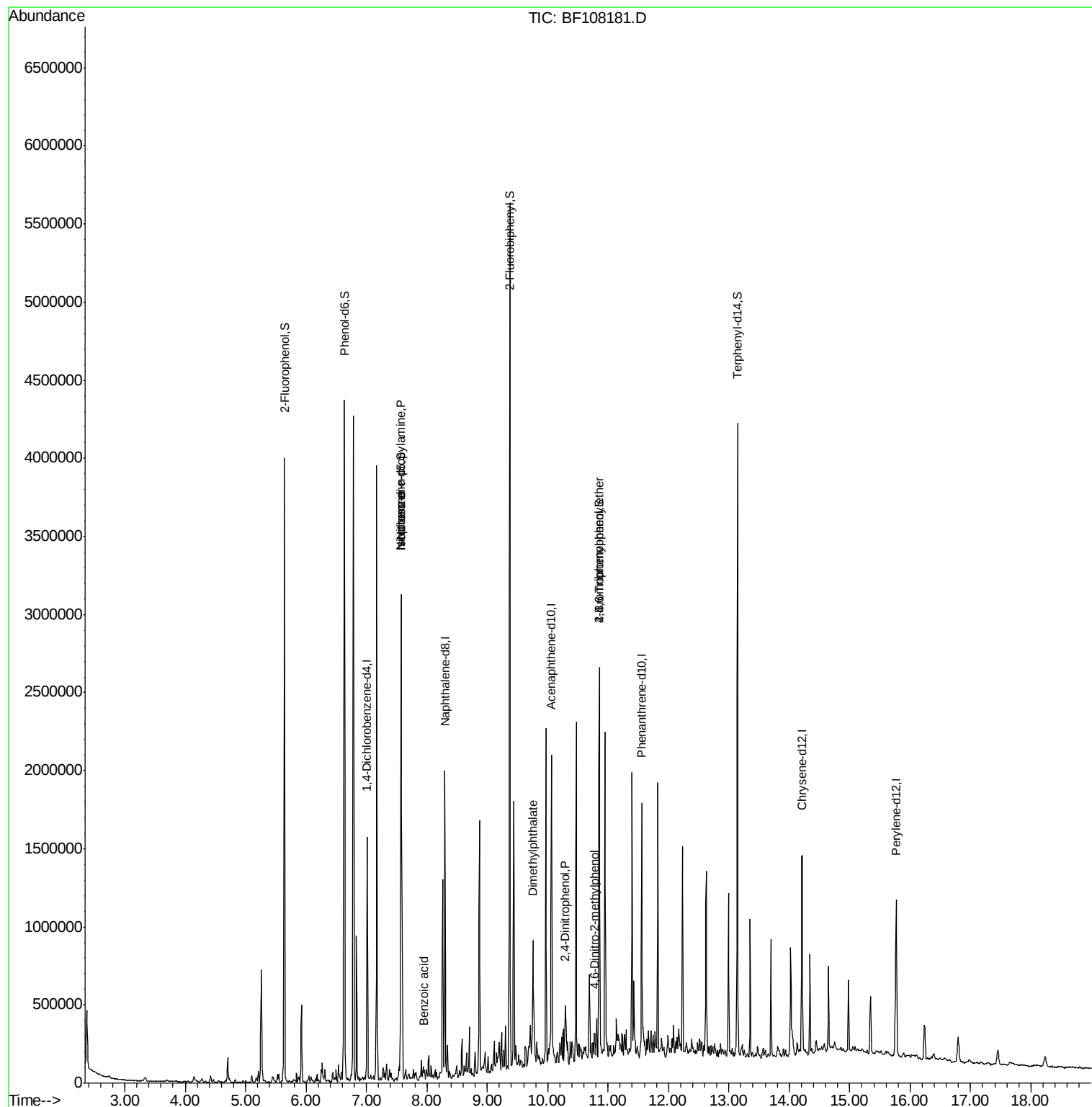
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	211330	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	806385	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	379809	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	617642	20.00	ng	0.00
75) Chrysene-d12	14.21	240	460694	20.00	ng	0.00
86) Perylene-d12	15.77	264	454557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1090185	93.40	ng	0.01
7) Phenol-d6	6.64	99	1466552	94.55	ng	0.00
23) Nitrobenzene-d5	7.58	82	975840	67.53	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	283782	74.91	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1732689	73.24	ng	0.00
78) Terphenyl-d14	13.14	244	1321161	72.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	151582	14.451	ng	# 84
25) Isophorone	7.58	82	970043	35.218	ng	# 64
32) Benzoic acid	7.95	122	268	6.008	ng	# 37
49) Dimethylphthalate	9.76	163	110492	4.176	ng	# 98
53) 2,4-Dinitrophenol	10.29	184	173	7.097	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.78	198	318	5.480	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	19083	2.843	ng	# 1

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

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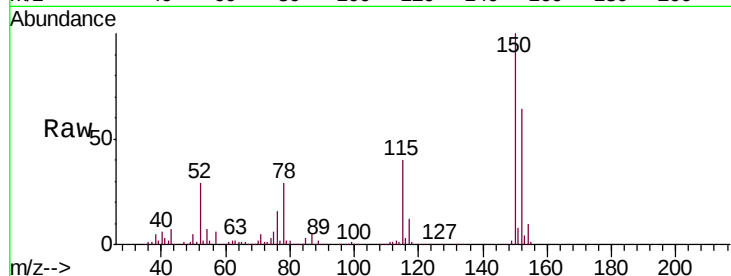


#1

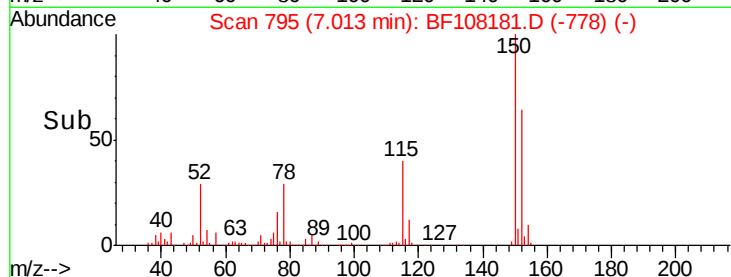
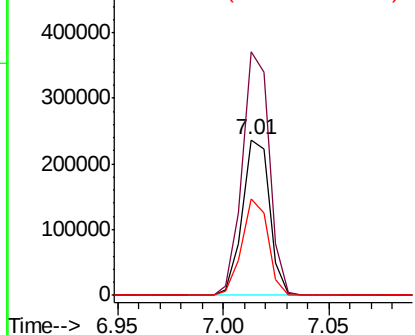
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108181.D
Acq: 15 Aug 2018 22:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.0	50.1	75.1



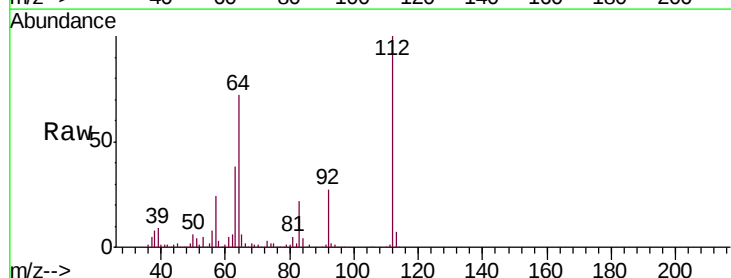
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



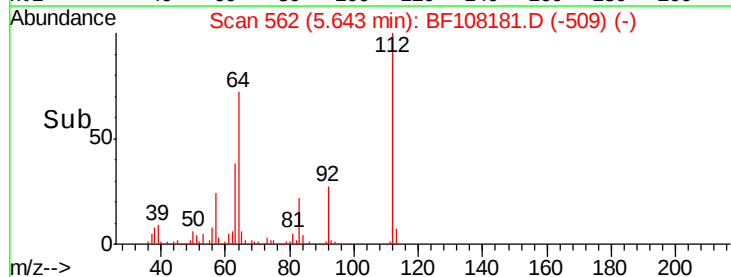
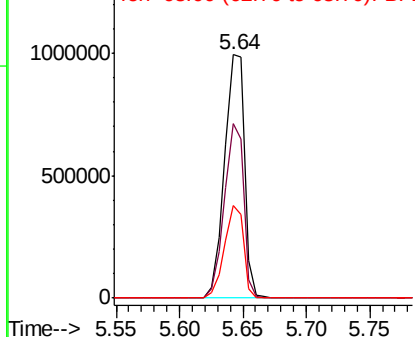
#5

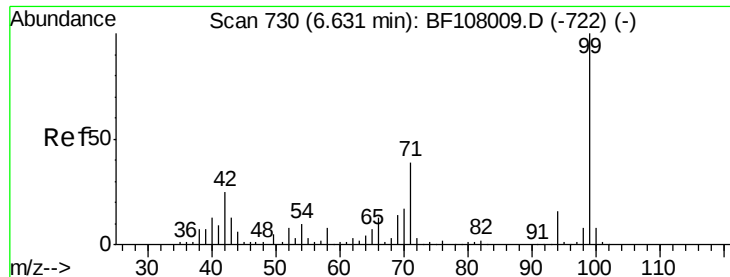
2-Fluorophenol
Concen: 93.396 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108181.D
Acq: 15 Aug 2018 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	47.9	71.9
63	38.1	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: 94.546 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS002-01

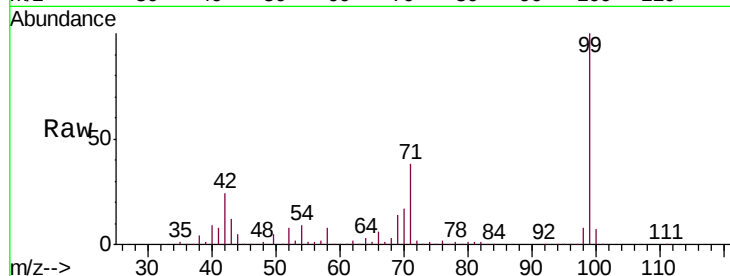
Tgt Ion: 99 Resp: 1466552

Ion Ratio Lower Upper

99 100

42 23.7 14.5 21.7#

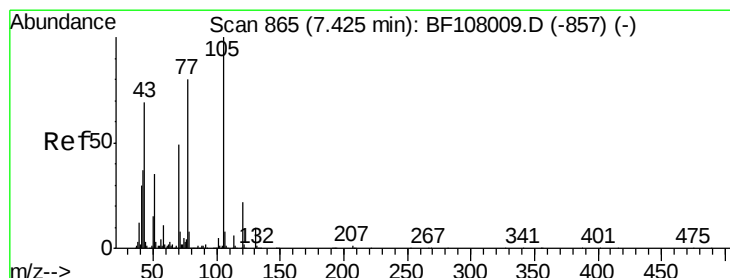
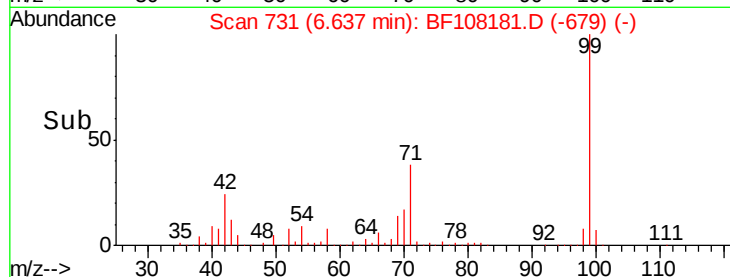
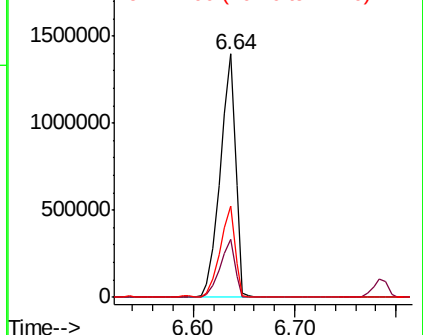
71 37.7 25.4 38.0



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: 14.451 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

Tgt Ion: 70 Resp: 151582

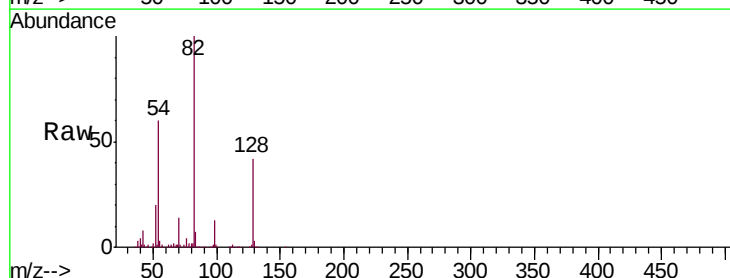
Ion Ratio Lower Upper

70 100

42 55.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

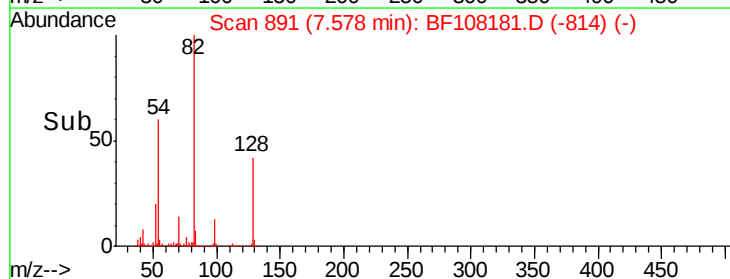
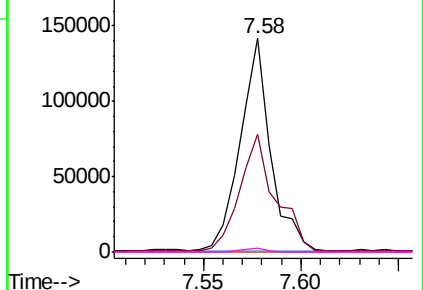


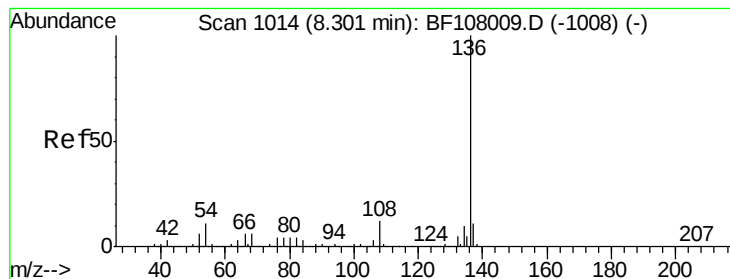
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF108181.D

Acq: 15 Aug 2018 22:29

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS002-01

Tgt Ion: 136 Resp: 806385

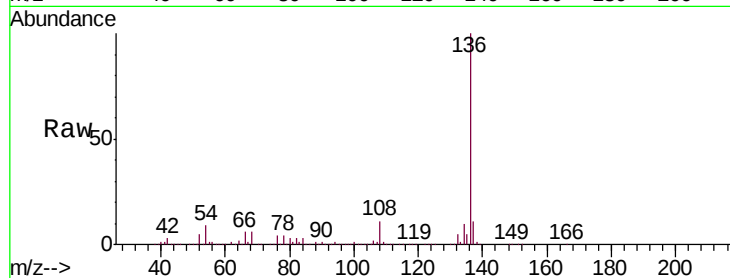
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.4 6.6 9.8

68 6.1 5.0 7.4

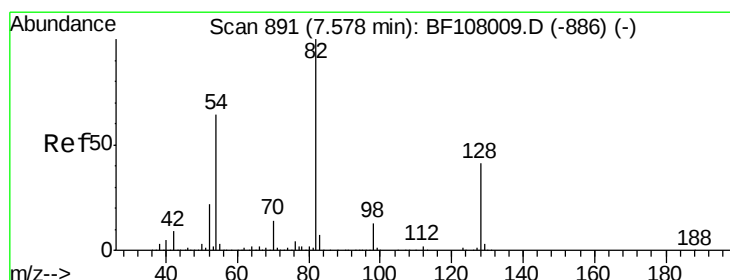
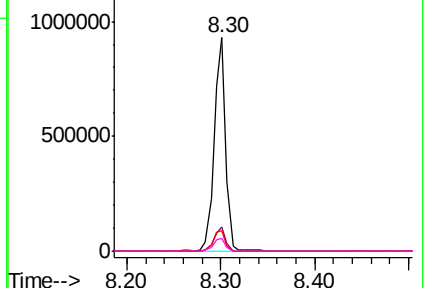
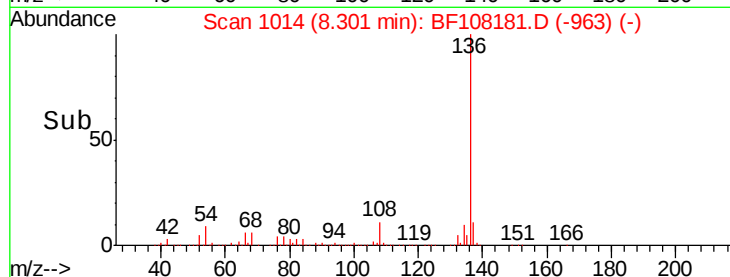


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.528 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

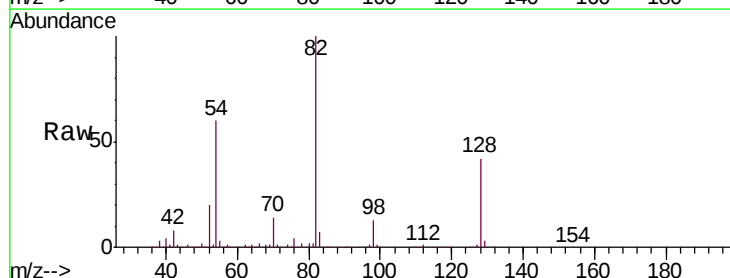
Tgt Ion: 82 Resp: 975840

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

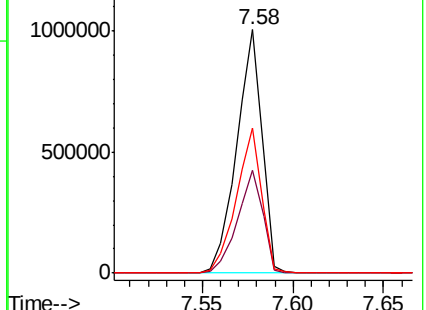
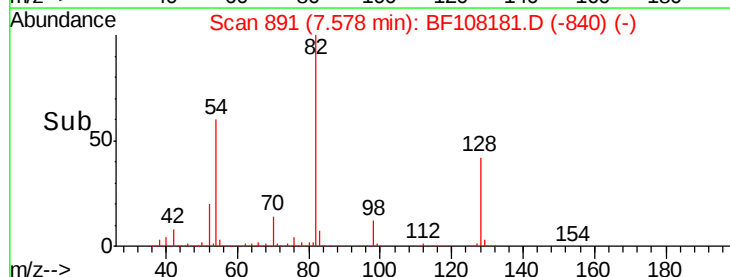
54 59.7 41.4 62.2

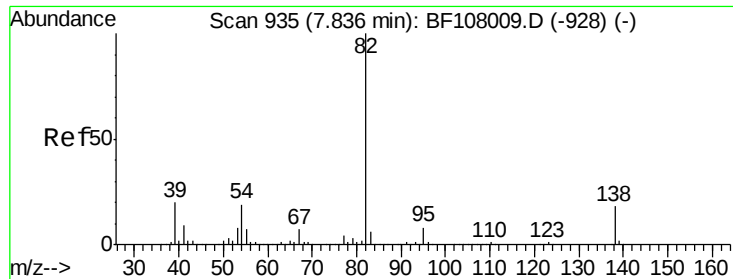


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.218 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

Instrument :

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ClientSampleId :

NFB-BF-SS002-01

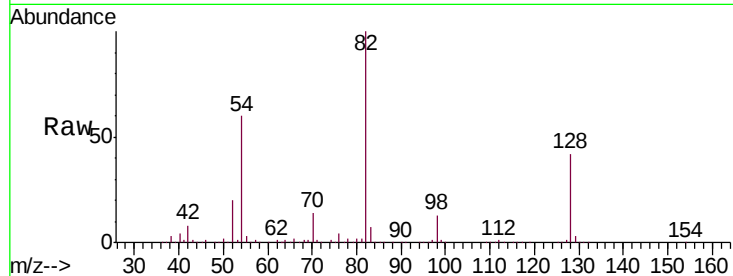
Tgt Ion: 82 Resp: 970043

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

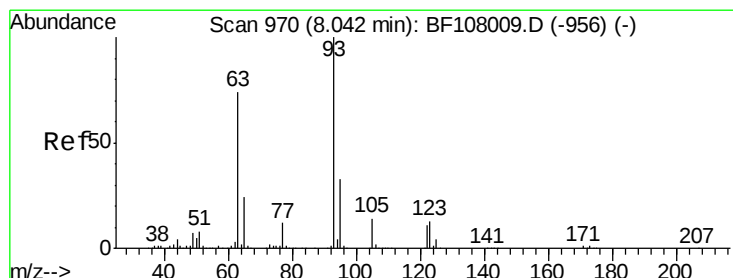
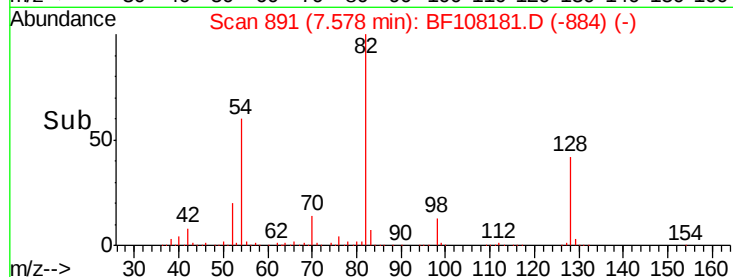
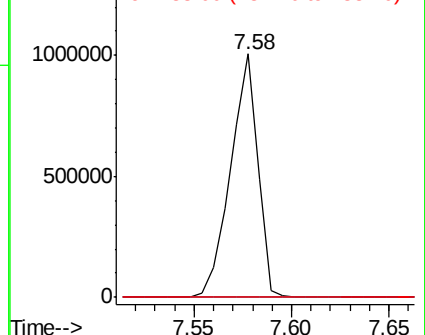
138 0.0 14.9 22.3#



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: 6.008 ng

RT: 7.95 min Scan# 954

Delta R.T. -0.09 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

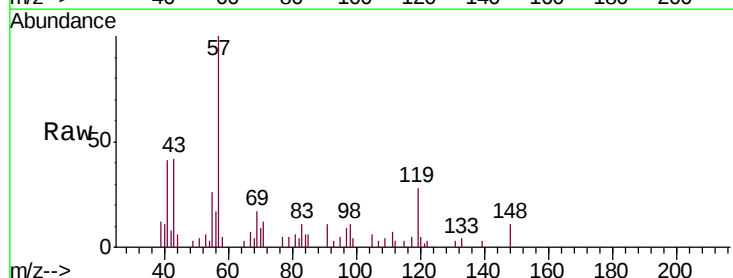
Tgt Ion: 122 Resp: 268

Ion Ratio Lower Upper

122 100

105 186.1 101.1 141.1#

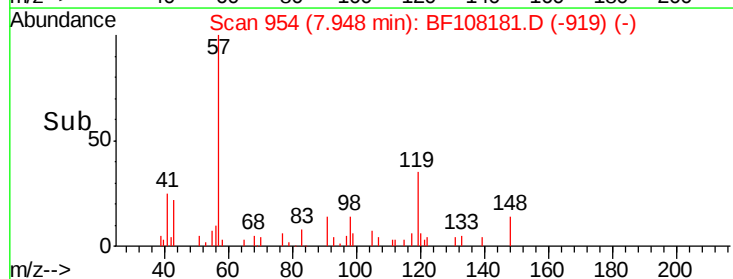
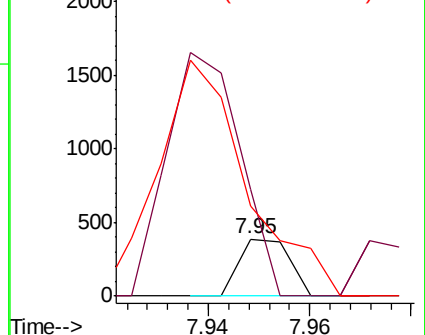
77 157.0 70.7 110.7#

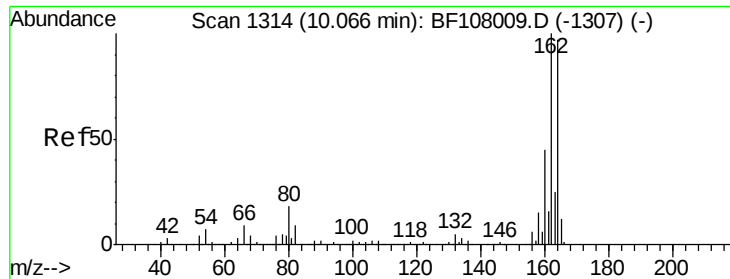


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

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: BF108181.D

Acq: 15 Aug 2018 22:29

Instrument :

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NFB-BF-SS002-01

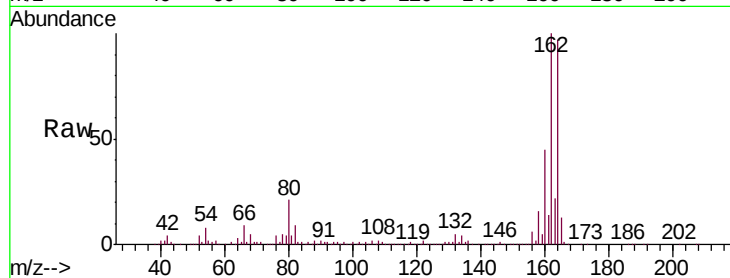
Tgt Ion:164 Resp: 379809

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

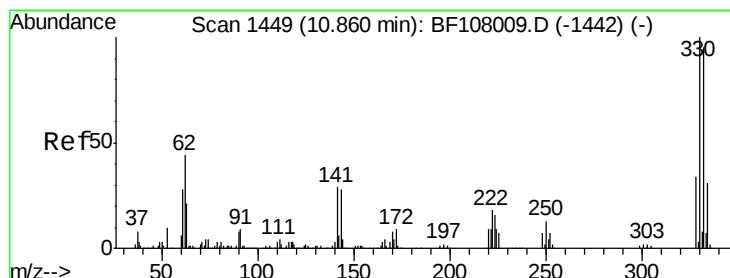
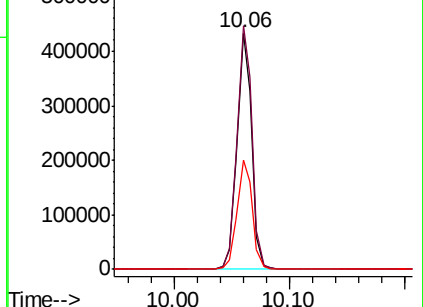
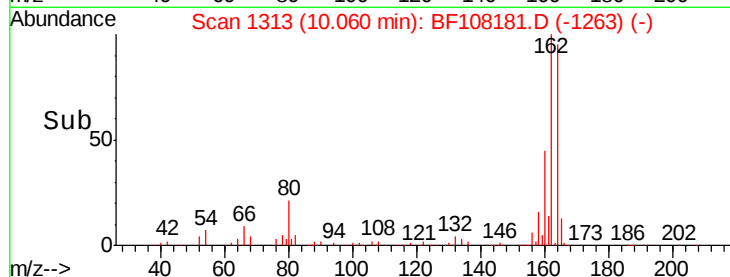
160 46.5 38.3 57.5



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: 74.906 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

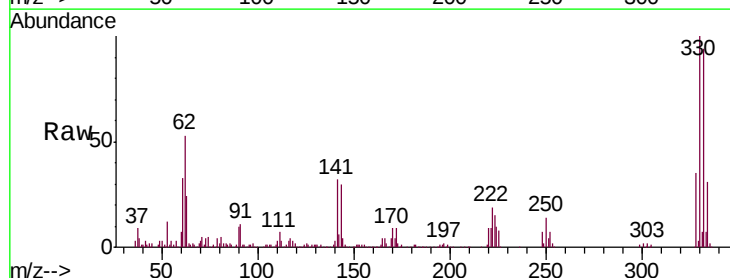
Tgt Ion:330 Resp: 283782

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

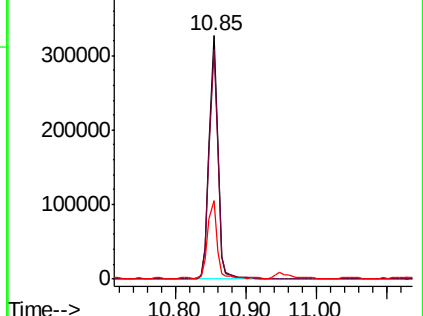
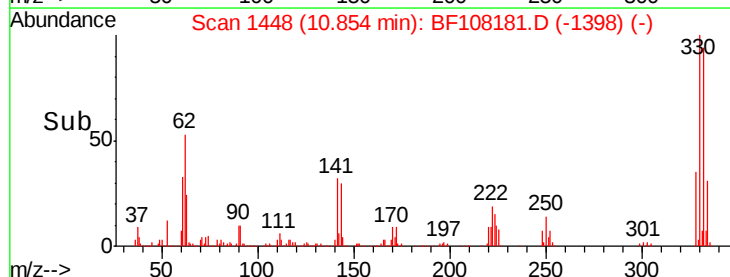
141 32.4 29.9 44.9

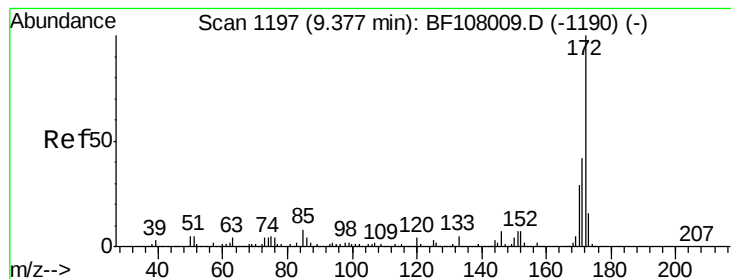


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 73.242 ng

RT: 9.37 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

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NFB-BF-SS002-01

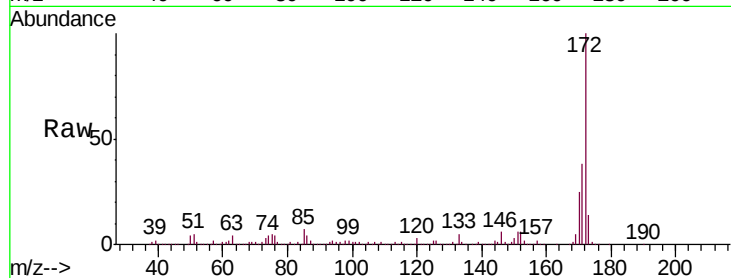
Tgt Ion:172 Resp: 1732689

Ion Ratio Lower Upper

172 100

171 37.6 29.7 44.5

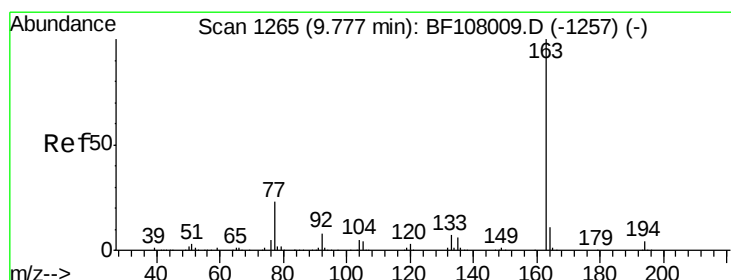
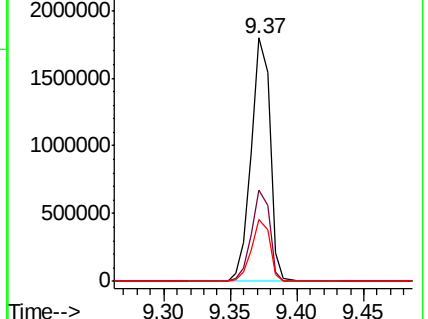
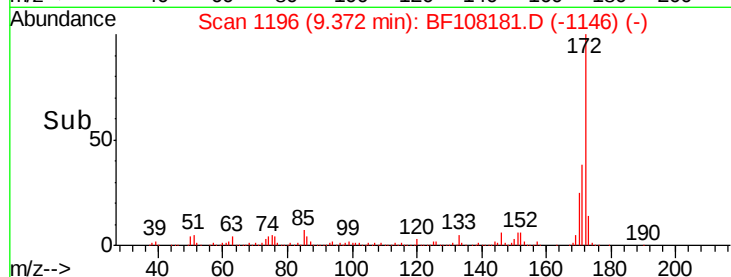
170 25.2 19.6 29.4



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: 4.176 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

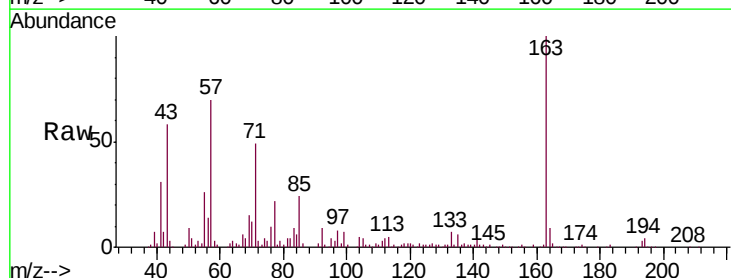
Tgt Ion:163 Resp: 110492

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

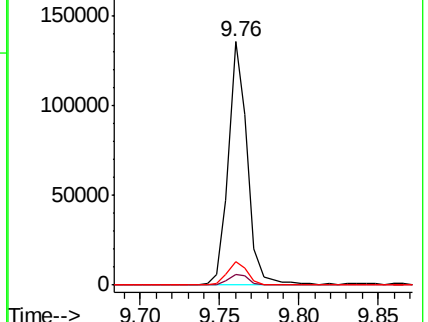
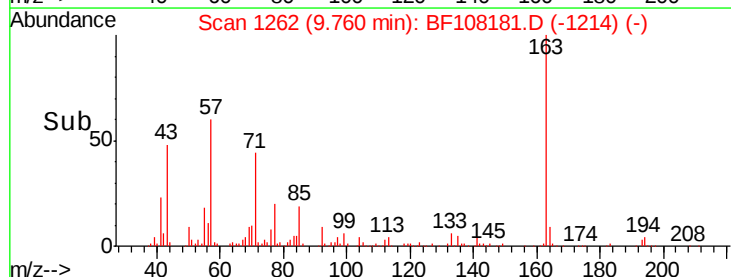
164 9.5 8.2 12.2

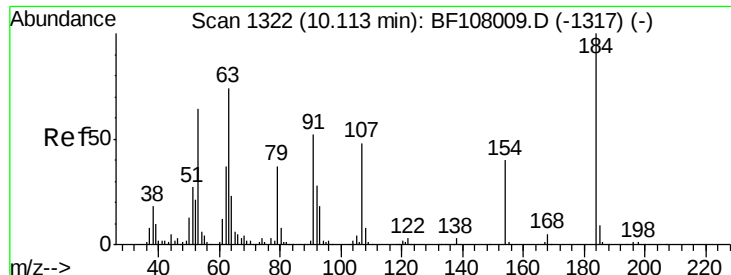


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

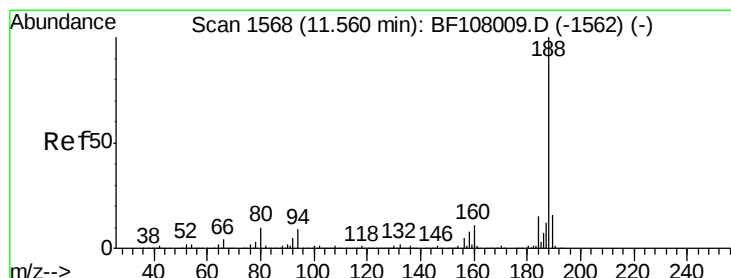
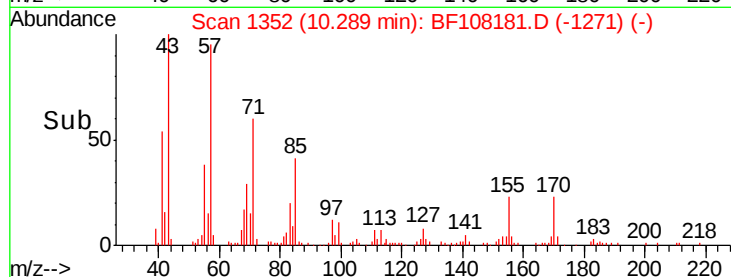
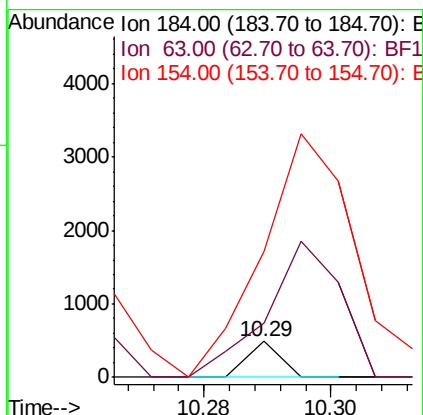
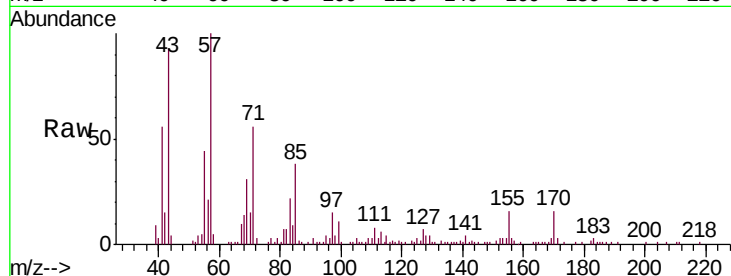




#53
 2,4-Dinitrophenol
 Concen: 7.097 ng
 RT: 10.29 min Scan# 1352
 Delta R.T. 0.18 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

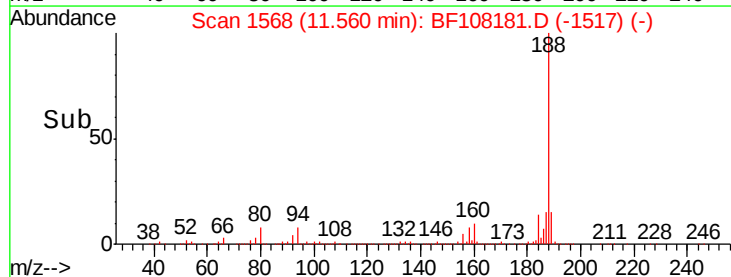
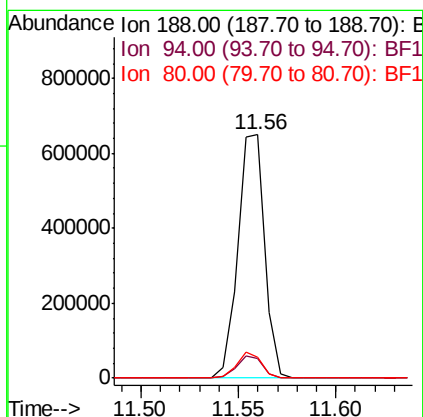
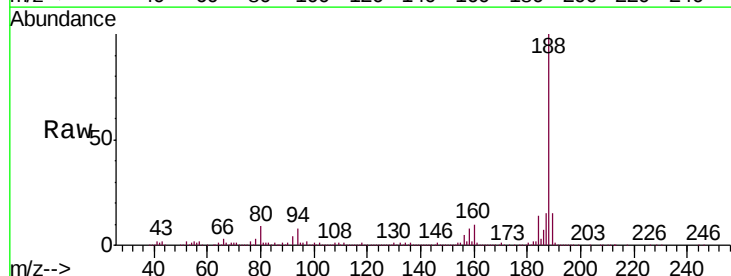
Instrument :
 BNA_F
 ClientSampleId :
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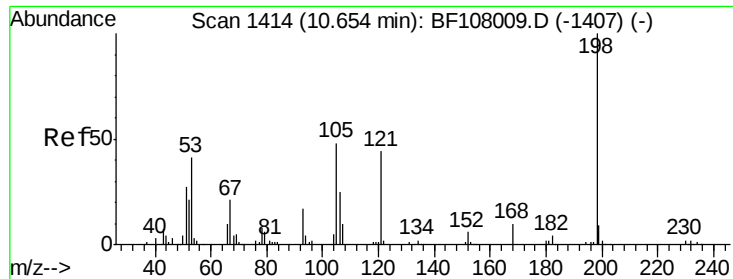
Tgt Ion:184 Resp: 173
 Ion Ratio Lower Upper
 184 100
 63 148.7 54.2 81.2#
 154 350.7 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

Tgt Ion:188 Resp: 617642
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.5 12.7#
 80 8.6 9.2 13.8#

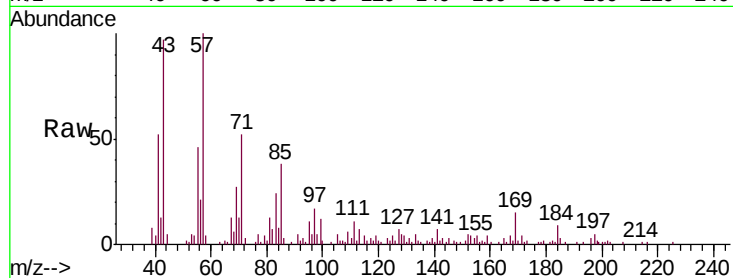




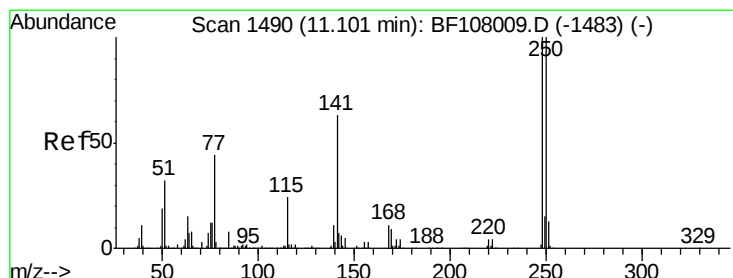
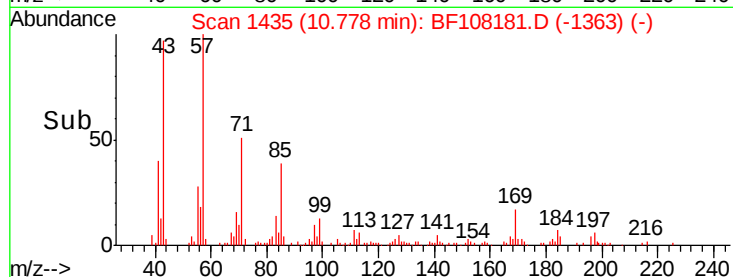
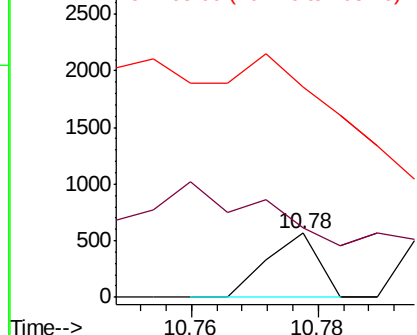
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.480 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.12 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS002-01

Tgt Ion:198 Resp: 318
 Ion Ratio Lower Upper
 198 100
 51 107.8 37.7 77.7#
 105 327.2 36.3 76.3#

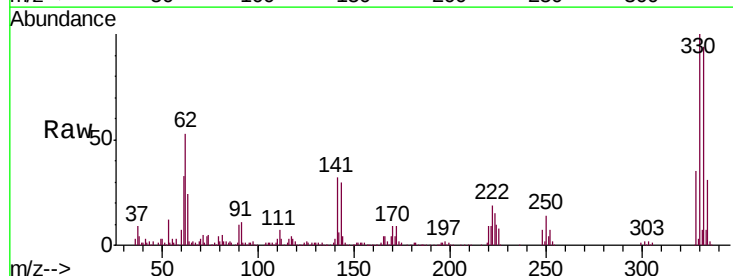


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

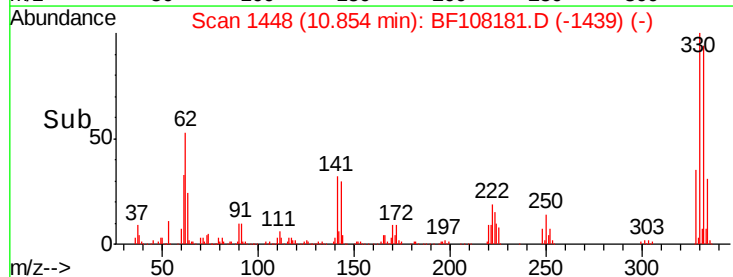
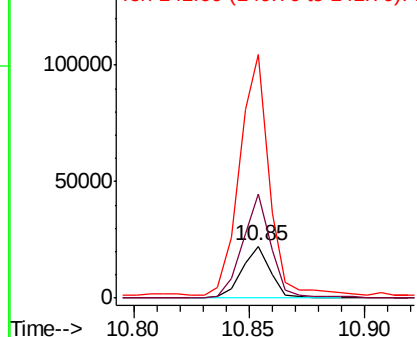


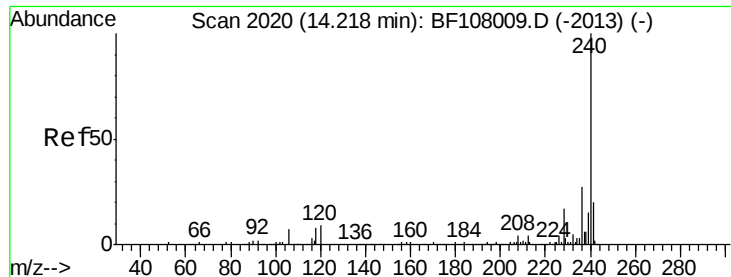
#66
 4-Bromophenyl-phenylether
 Concen: 2.843 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

Tgt Ion:248 Resp: 19083
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.9 115.3#
 141 468.8 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# 2019

Delta R.T. -0.01 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS002-01

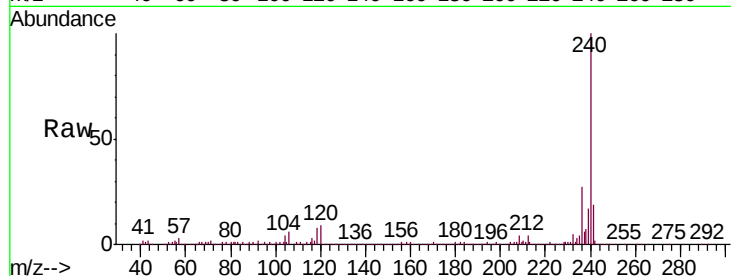
Tgt Ion:240 Resp: 460694

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

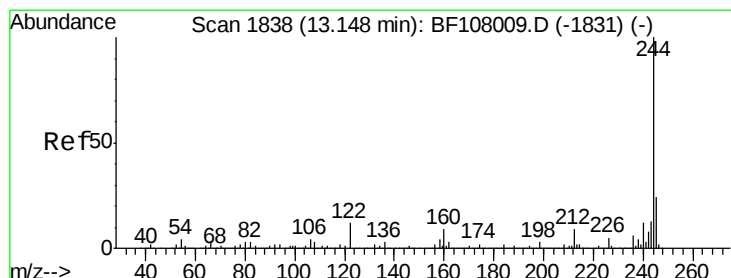
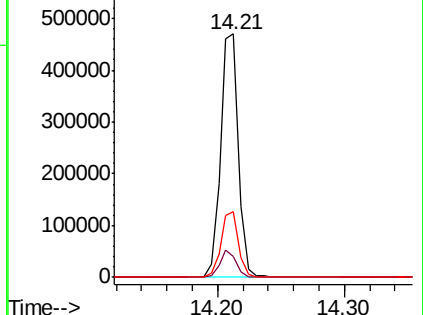
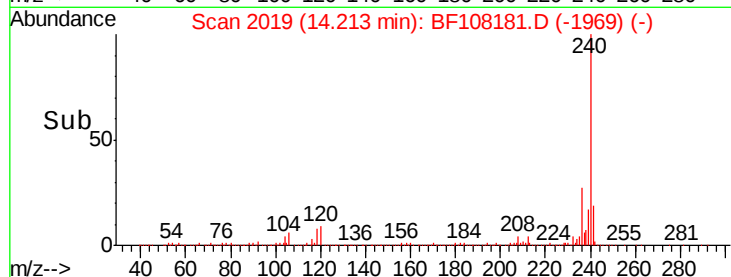
236 27.1 20.7 31.1



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: 72.915 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108181.D

Acq: 15 Aug 2018 22:29

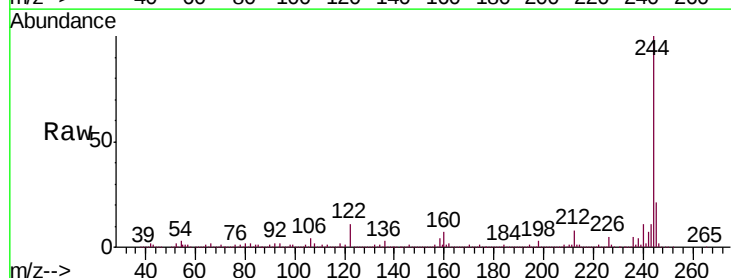
Tgt Ion:244 Resp: 1321161

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

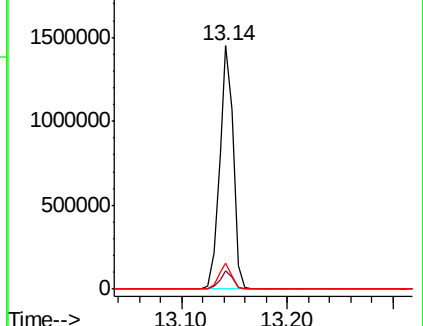
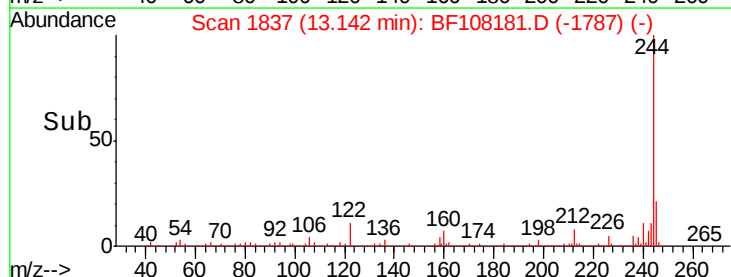
122 10.6 11.0 16.4#

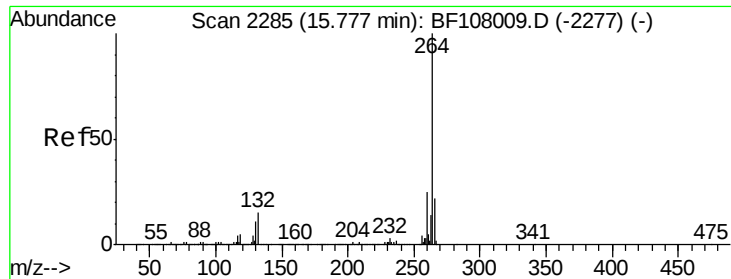


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108181.D
Acq: 15 Aug 2018 22:29

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS002-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.7	17.5	26.3

