

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108183.D
 Acq On : 15 Aug 2018 23:24
 Operator : JU/SJ
 Sample : J3822-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS004-01

Quant Time: Aug 16 01:53:26 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

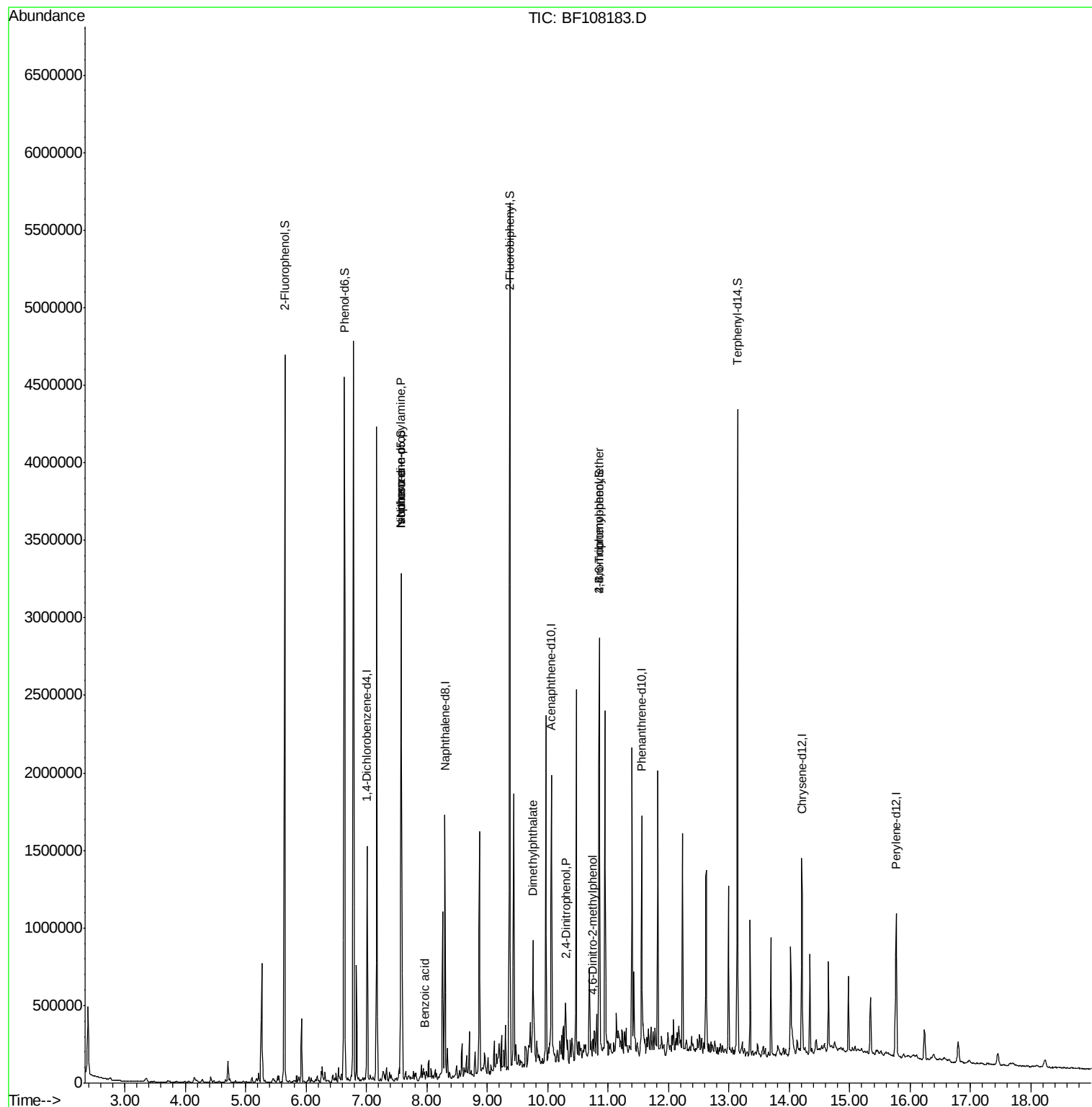
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	202293	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	750398	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	351776	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	560150	20.00	ng	0.00
75) Chrysene-d12	14.21	240	413520	20.00	ng	-0.01
86) Perylene-d12	15.77	264	414756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1198309	107.24	ng	0.02
7) Phenol-d6	6.64	99	1628302	109.66	ng	0.00
23) Nitrobenzene-d5	7.58	82	1084647	80.66	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	305869	87.17	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1920749	87.66	ng	0.00
78) Terphenyl-d14	13.14	244	1463203	89.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	163570	16.290	ng	# 85
25) Isophorone	7.58	82	1078636	42.082	ng	# 64
32) Benzoic acid	7.95	122	113	5.989	ng	# 8
49) Dimethylphthalate	9.76	163	107775	4.398	ng	# 98
53) 2,4-Dinitrophenol	10.30	184	235	7.132	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	233	5.457	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	20611	3.386	ng	# 1

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

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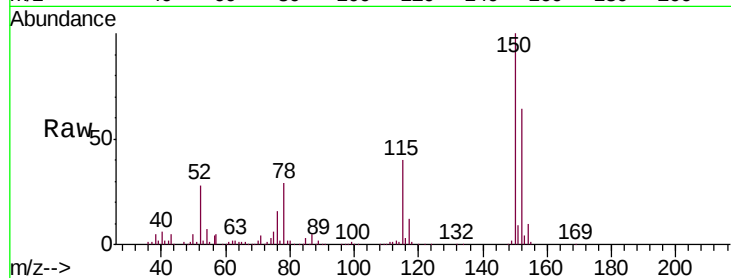


#1

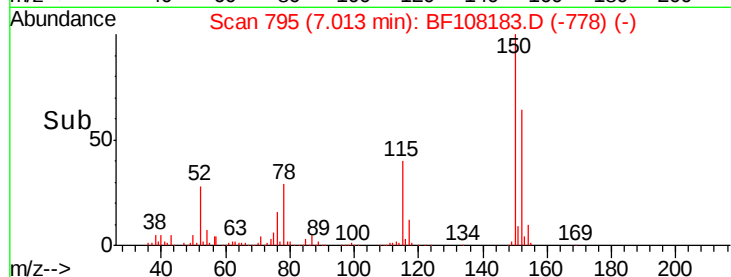
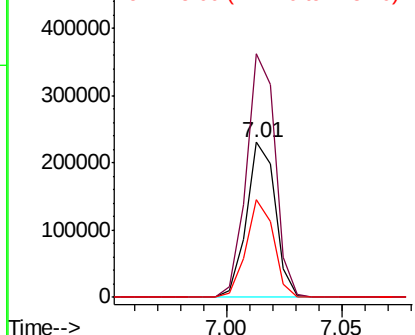
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108183.D
Acq: 15 Aug 2018 23:24

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS004-01

Tgt Ion:152 Resp: 202293
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 62.8 50.1 75.1



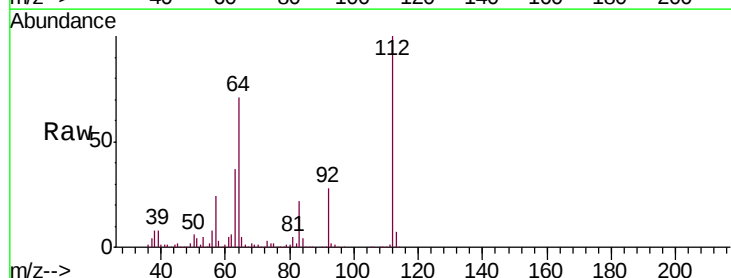
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



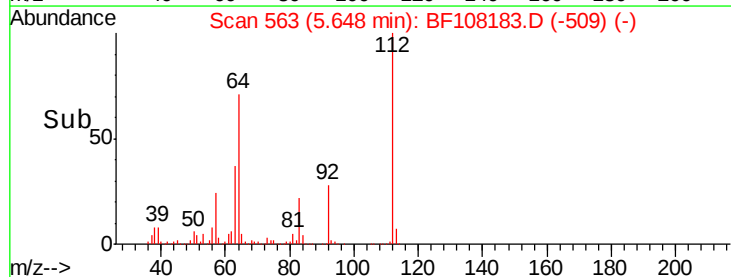
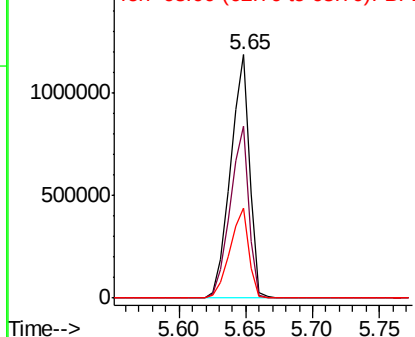
#5

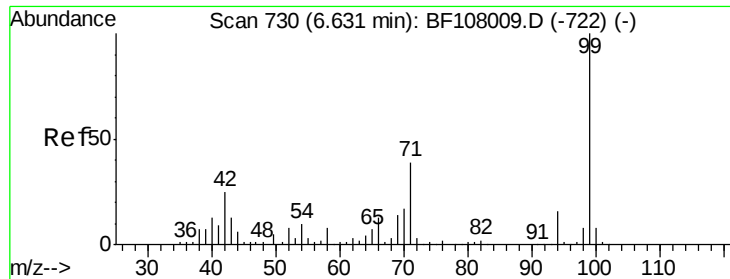
2-Fluorophenol
Concen: 107.245 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108183.D
Acq: 15 Aug 2018 23:24

Tgt Ion:112 Resp: 1198309
Ion Ratio Lower Upper
112 100
64 70.7 47.9 71.9
63 37.1 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: 109.663 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

Instrument :

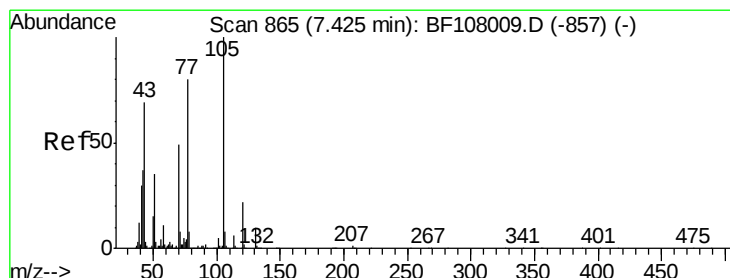
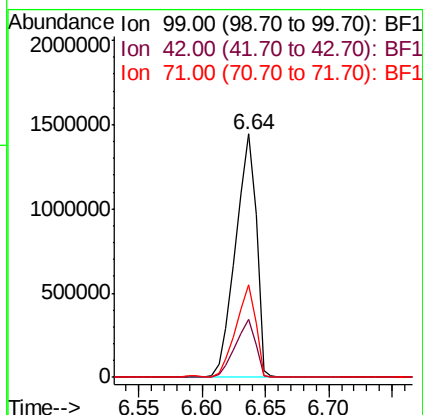
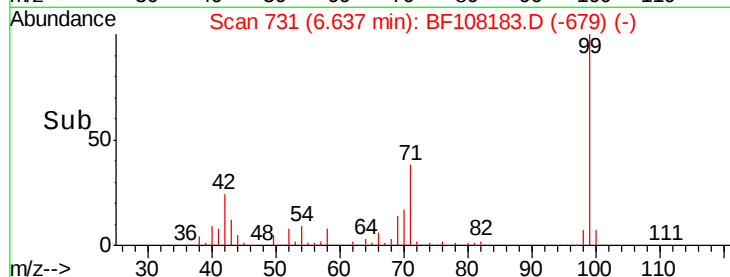
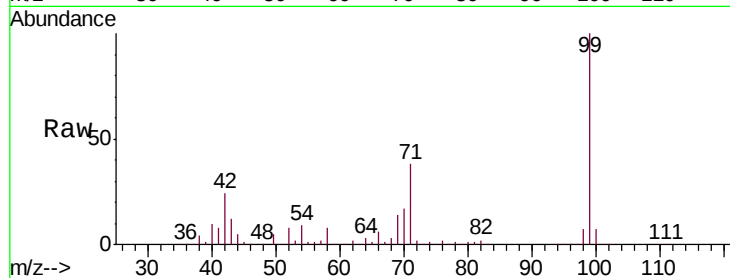
BNA_F

ClientSampleId :

NFB-BF-SS004-01

Tgt Ion: 99 Resp: 1628302

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	38.0	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.290 ng

RT: 7.58 min Scan# 891

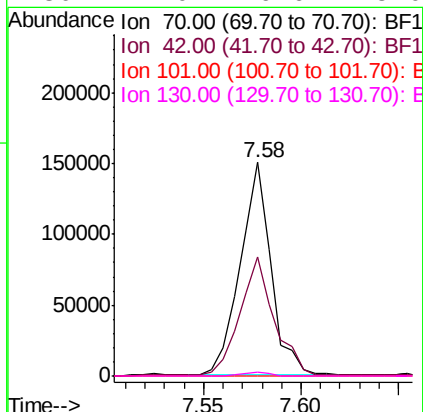
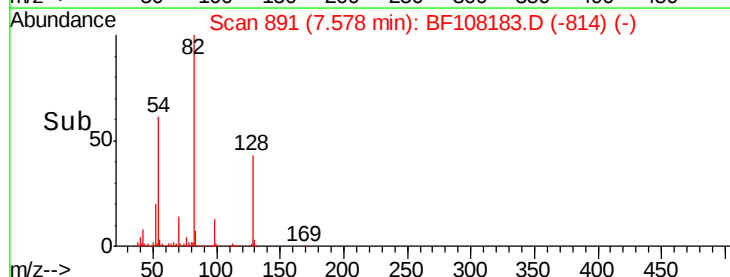
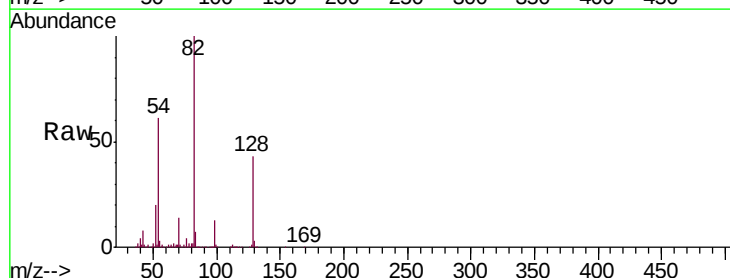
Delta R.T. 0.15 min

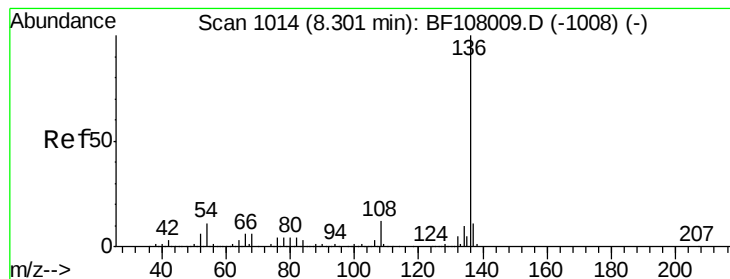
Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

Tgt Ion: 70 Resp: 163570

Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS004-01

Tgt Ion: 136 Resp: 750398

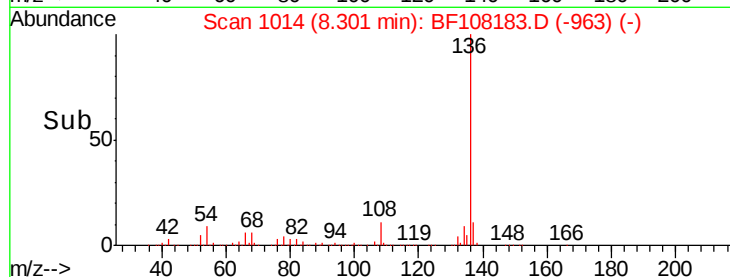
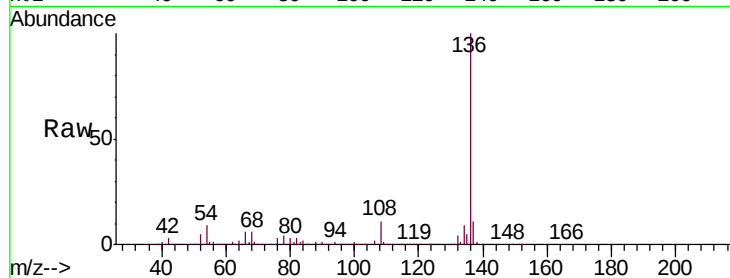
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 6.2 5.0 7.4



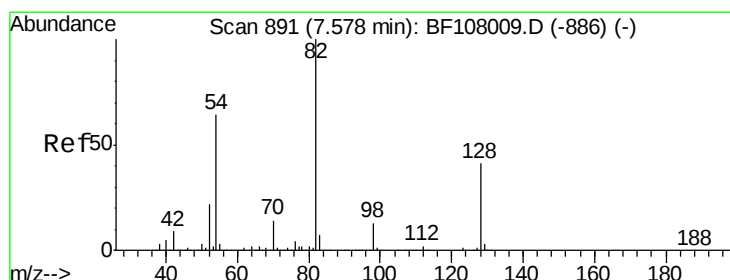
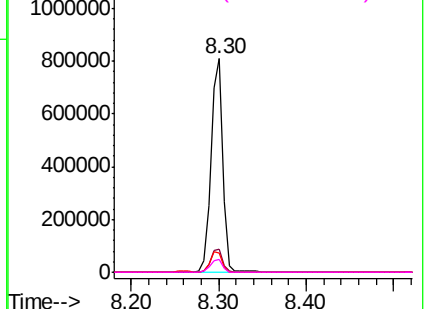
Abundance

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: 80.657 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

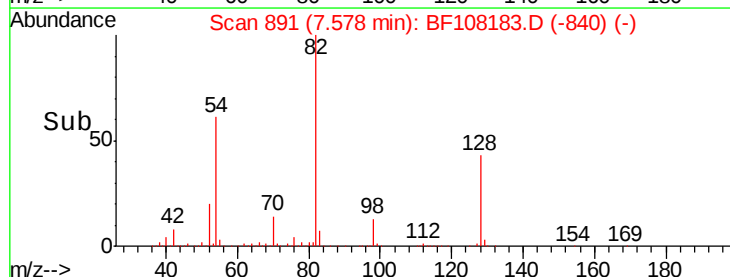
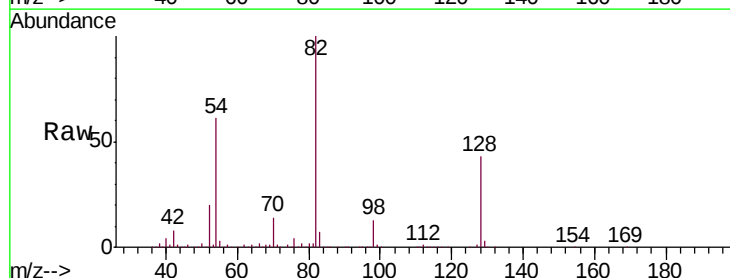
Tgt Ion: 82 Resp: 1084647

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

54 60.7 41.4 62.2

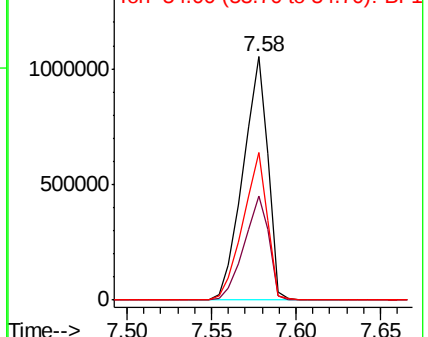


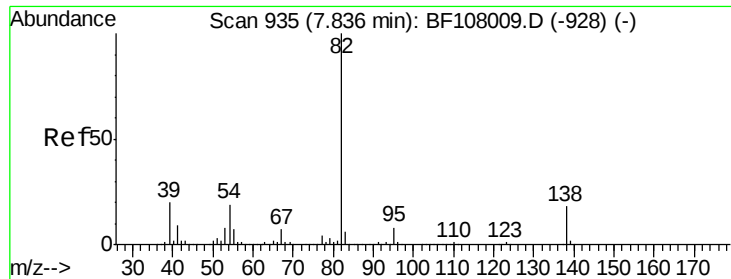
Abundance

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: 42.082 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

Instrument :

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NFB-BF-SS004-01

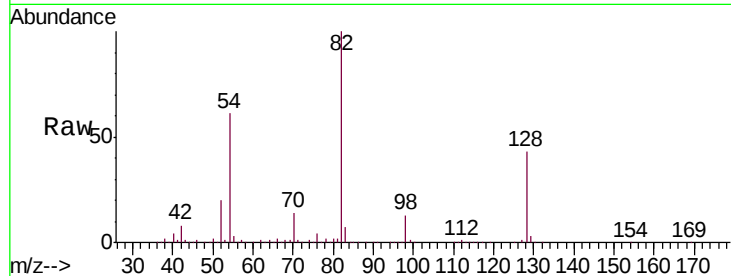
Tgt Ion: 82 Resp: 1078636

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

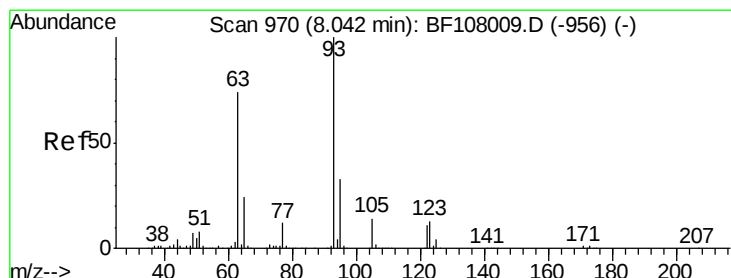
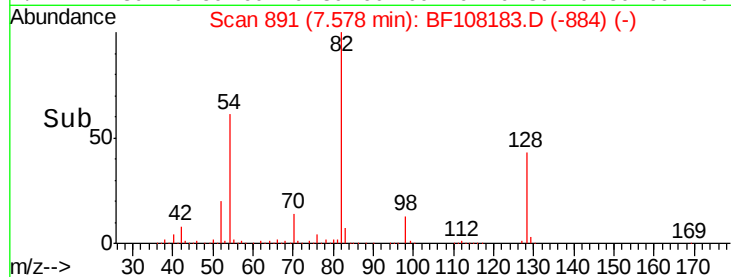
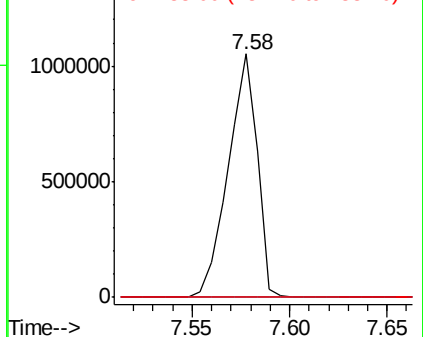
138 0.0 14.9 22.3#



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: 5.989 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.09 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

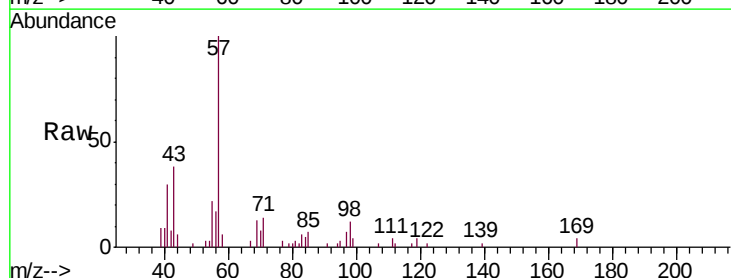
Tgt Ion: 122 Resp: 113

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

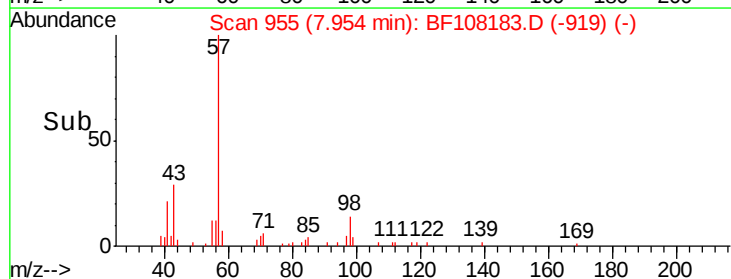
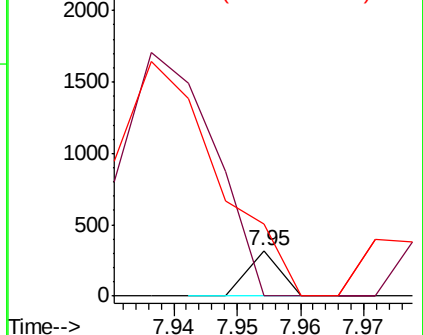
77 157.9 70.7 110.7#

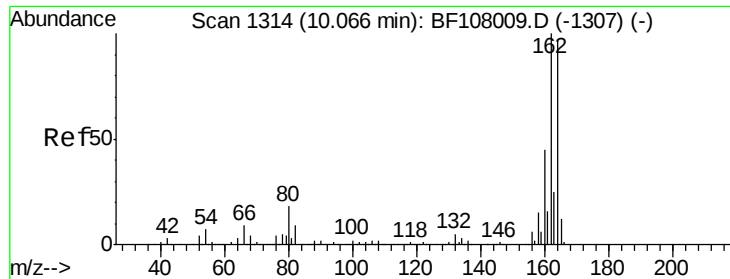


Abundance Ion 122.00 (121.70 to 122.70): E

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: BF108183.D

Acq: 15 Aug 2018 23:24

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS004-01

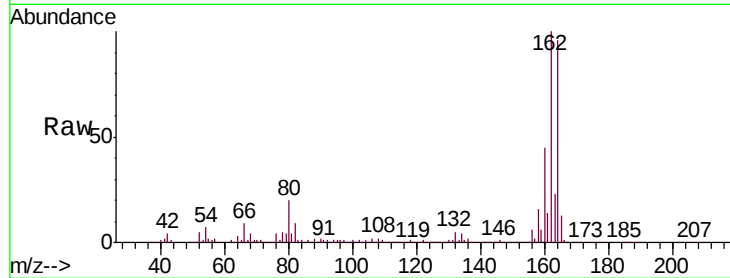
Tgt Ion:164 Resp: 351776

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

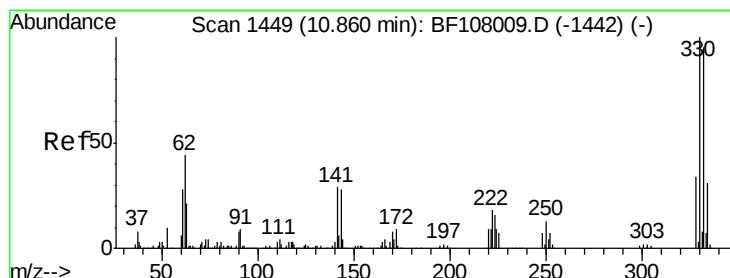
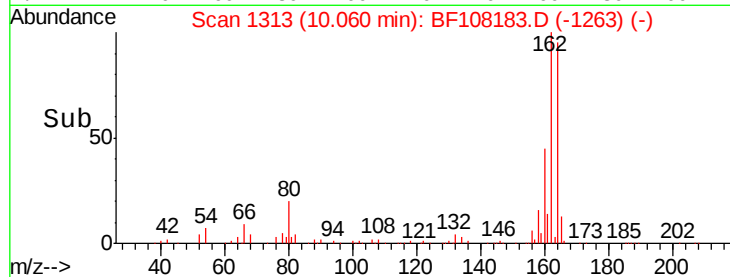
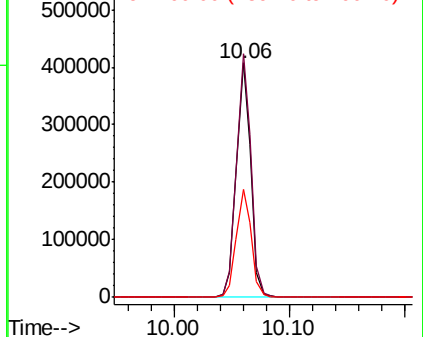
160 46.2 38.3 57.5



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: 87.170 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

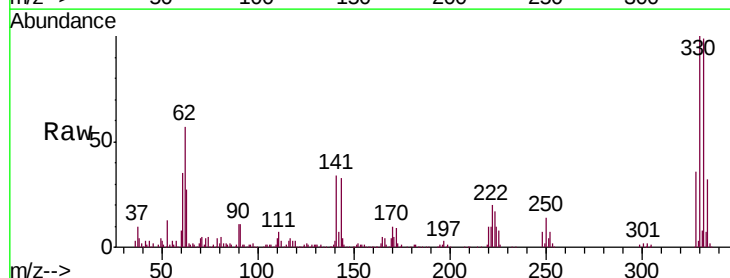
Tgt Ion:330 Resp: 305869

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

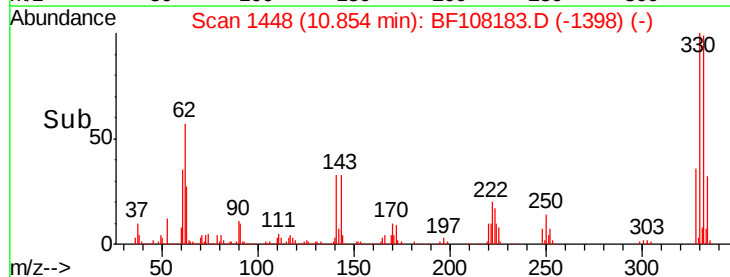
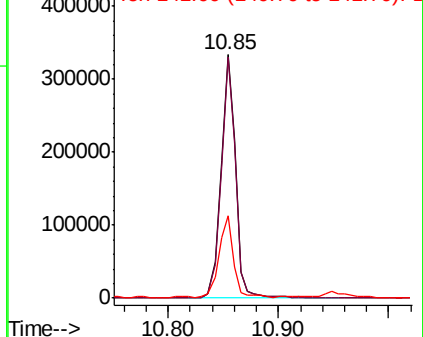
141 32.7 29.9 44.9

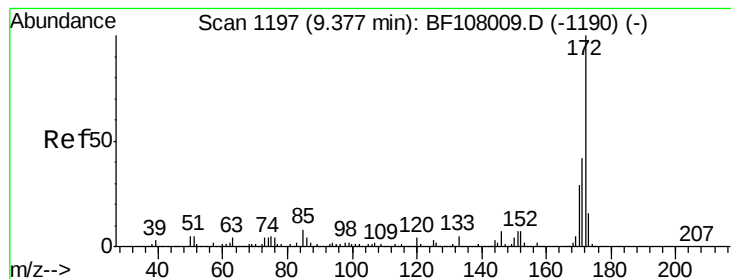


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.661 ng

RT: 9.37 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF108183.D

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NFB-BF-SS004-01

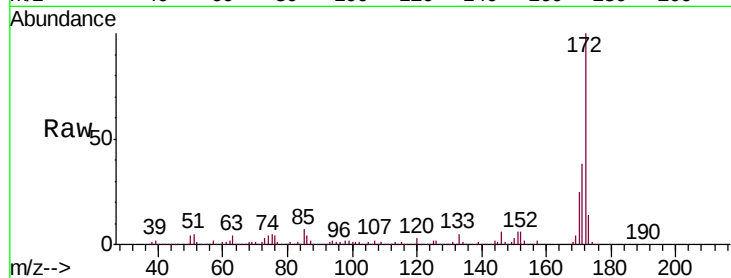
Tgt Ion:172 Resp: 1920749

Ion Ratio Lower Upper

172 100

171 37.8 29.7 44.5

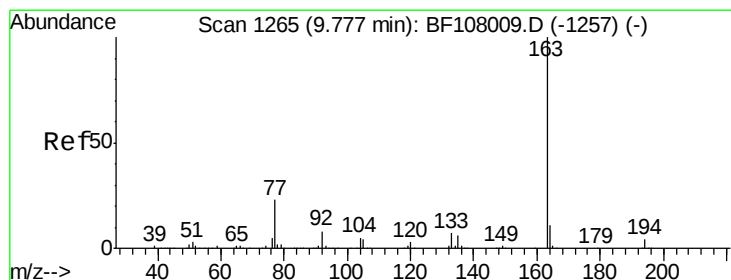
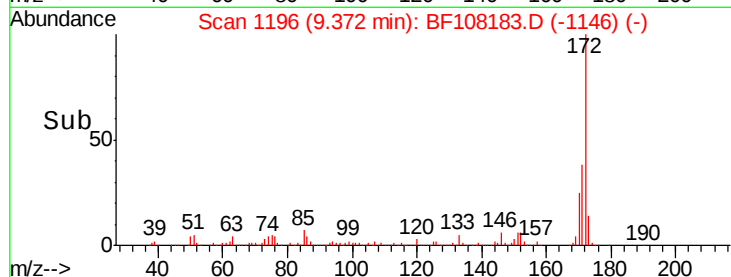
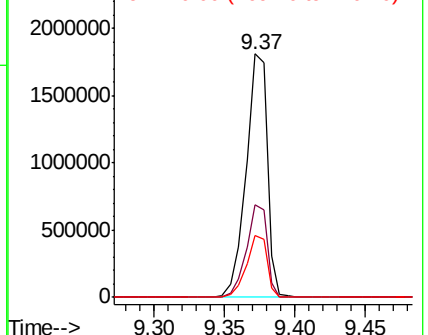
170 25.4 19.6 29.4



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: 4.398 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

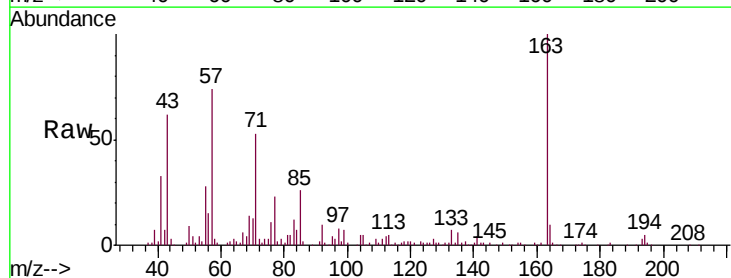
Tgt Ion:163 Resp: 107775

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

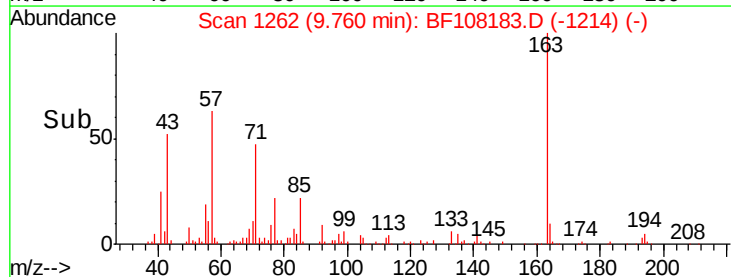
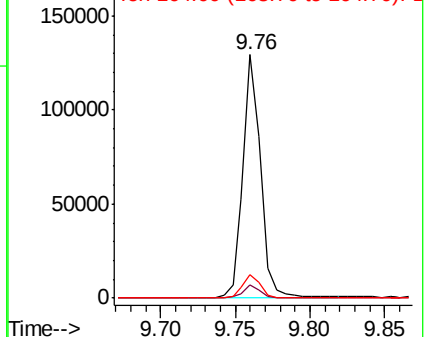
164 9.9 8.2 12.2

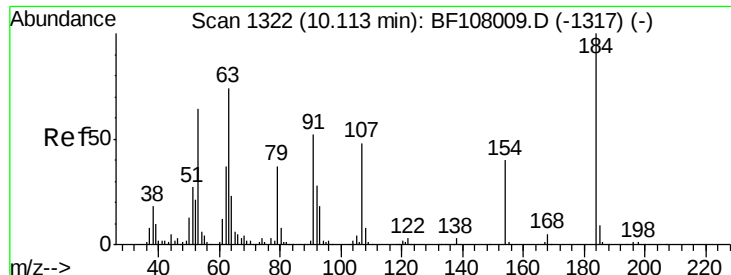


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

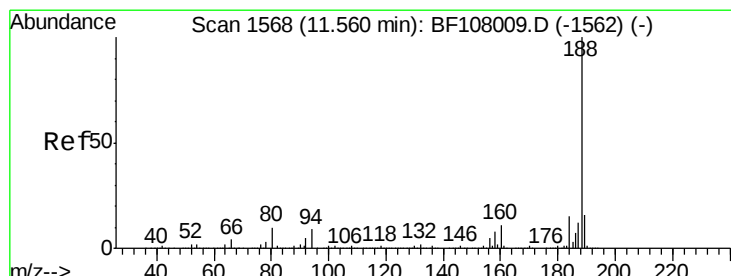
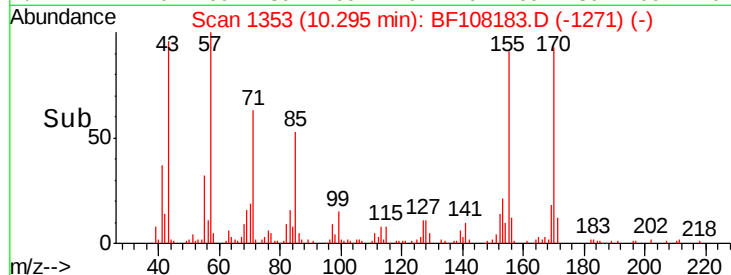
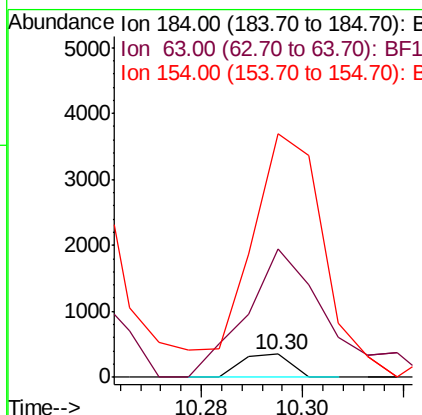
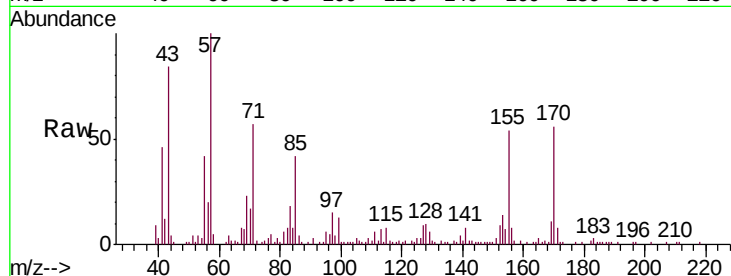




#53
 2,4-Dinitrophenol
 Concen: 7.132 ng
 RT: 10.30 min Scan# 1353
 Delta R.T. 0.18 min
 Lab File: BF108183.D
 Acq: 15 Aug 2018 23:24

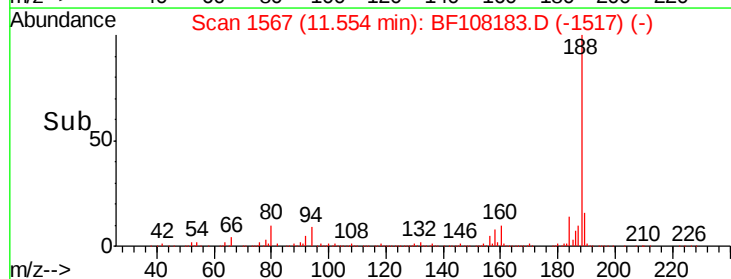
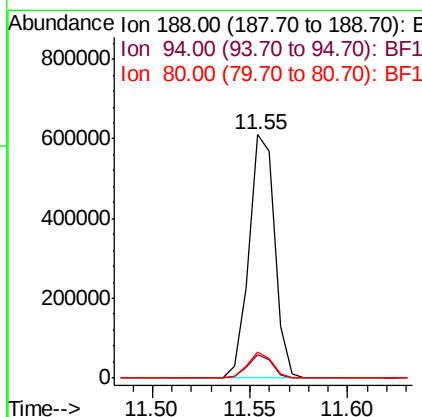
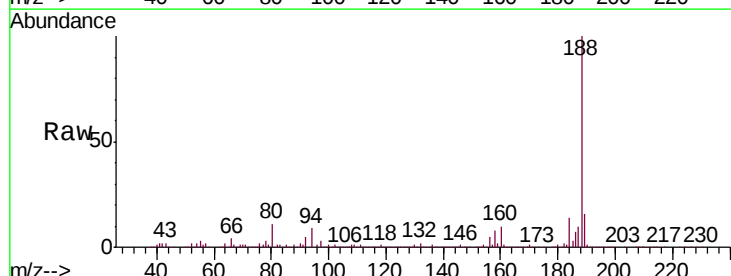
Instrument :
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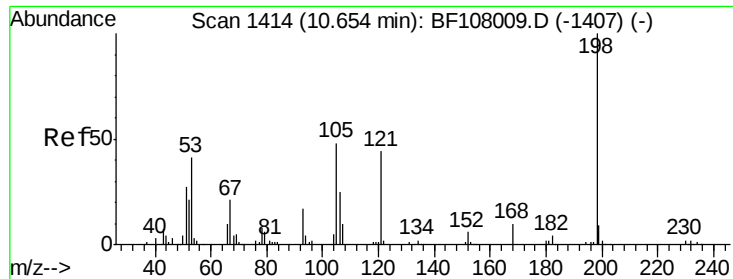
Tgt Ion:184 Resp: 235
 Ion Ratio Lower Upper
 184 100
 63 563.6 54.2 81.2#
 154 1066.8 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108183.D
 Acq: 15 Aug 2018 23:24

Tgt Ion:188 Resp: 560150
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.5 9.2 13.8

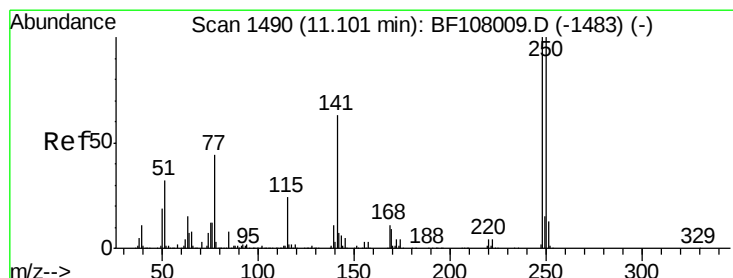
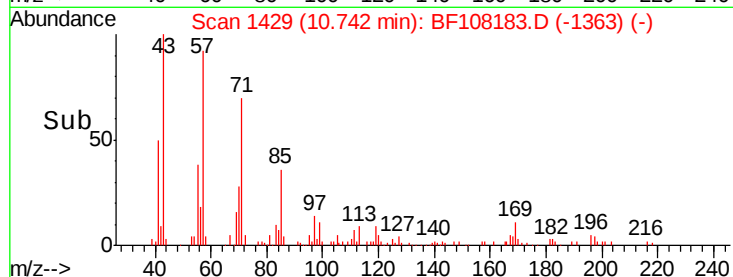
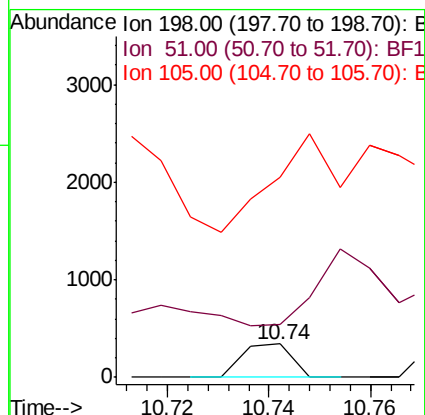
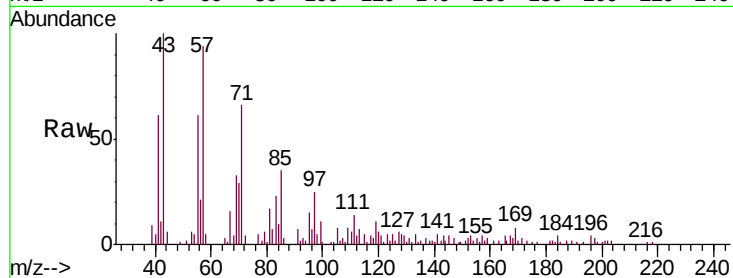




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.457 ng
 RT: 10.74 min Scan# 1429
 Delta R.T. 0.09 min
 Lab File: BF108183.D
 Acq: 15 Aug 2018 23:24

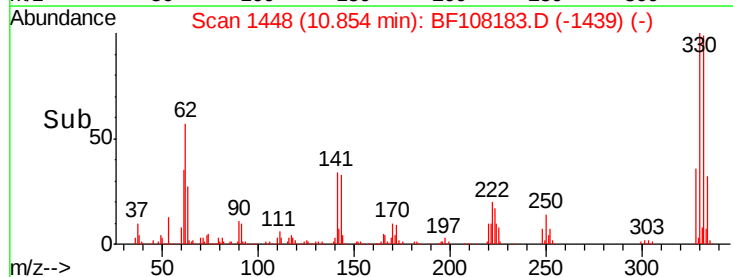
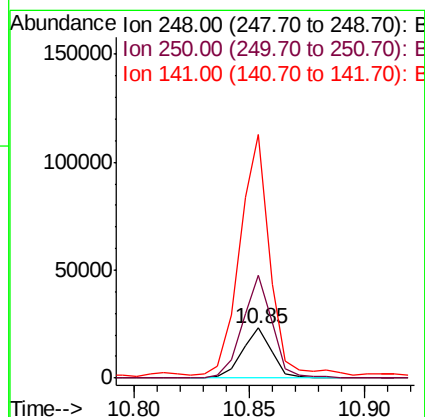
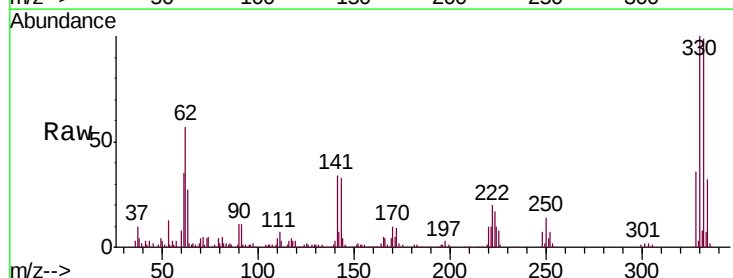
Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS004-01

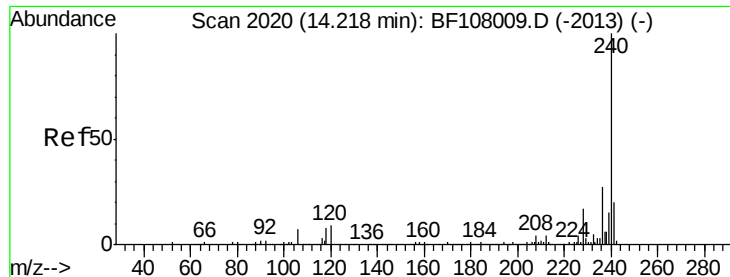
Tgt Ion:198 Resp: 233
 Ion Ratio Lower Upper
 198 100
 51 159.8 37.7 77.7#
 105 602.6 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.386 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108183.D
 Acq: 15 Aug 2018 23:24

Tgt Ion:248 Resp: 20611
 Ion Ratio Lower Upper
 248 100
 250 204.1 76.9 115.3#
 141 485.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS004-01

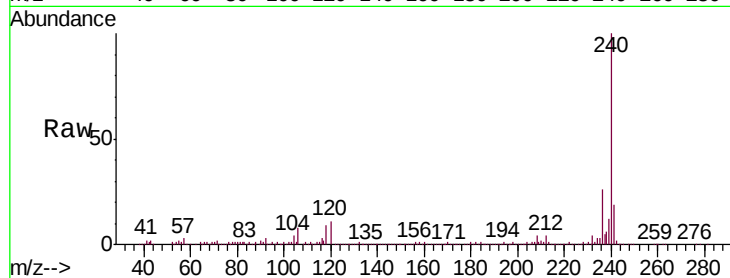
Tgt Ion:240 Resp: 413520

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

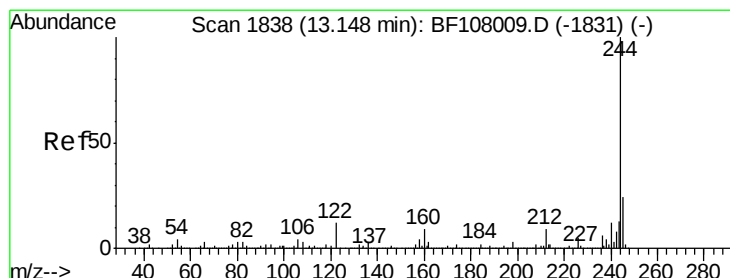
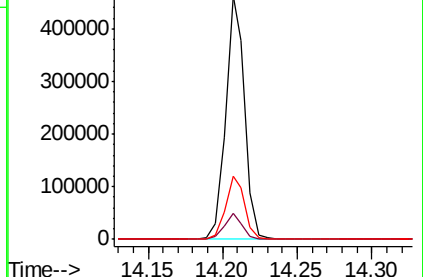
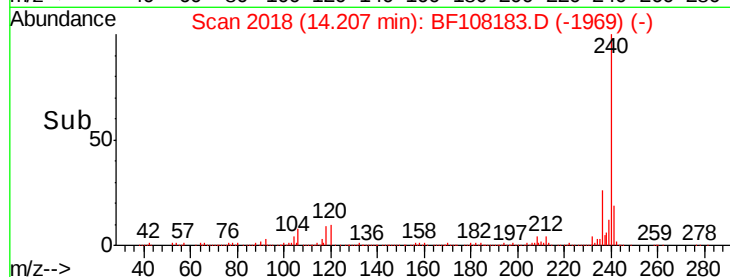
236 26.0 20.7 31.1



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: 89.966 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108183.D

Acq: 15 Aug 2018 23:24

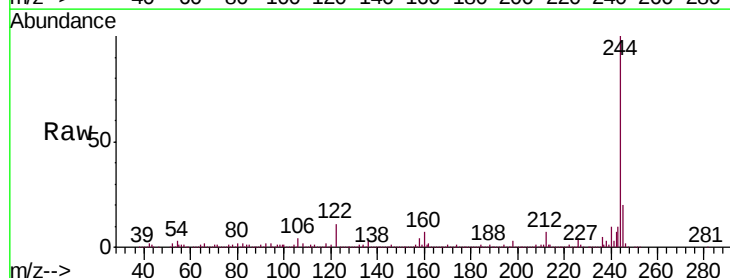
Tgt Ion:244 Resp: 1463203

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

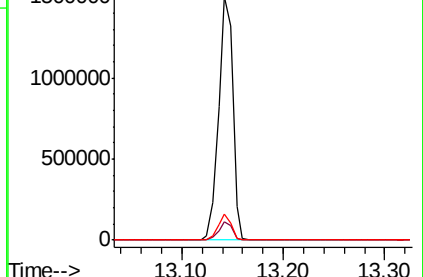
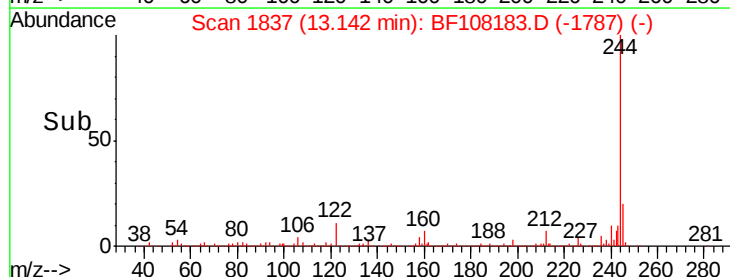
122 10.7 11.0 16.4#

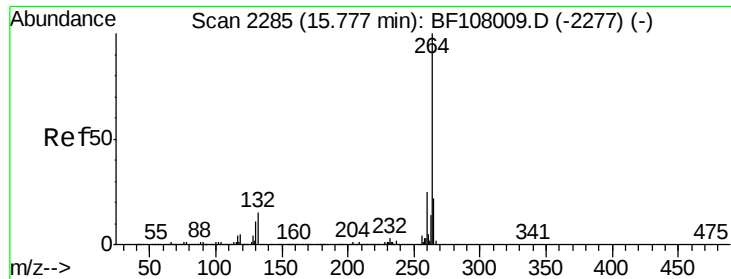


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108183.D
Acq: 15 Aug 2018 23:24

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS004-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.7	17.5	26.3

