

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108180.D
 Acq On : 15 Aug 2018 22:01
 Operator : JU/SJ
 Sample : J3822-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS001-01

Quant Time: Aug 16 01:52:50 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	7.02	152	213679	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	808510	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	383648	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	598583	20.00	ng	0.00
75) Chrysene-d12	14.21	240	449098	20.00	ng	0.00
86) Perylene-d12	15.77	264	458131	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1011581	85.71	ng	0.02
7) Phenol-d6	6.64	99	1352025	86.20	ng	0.00
23) Nitrobenzene-d5	7.58	82	901169	62.20	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	250226	65.39	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1613130	67.51	ng	0.00
78) Terphenyl-d14	13.14	244	1178817	66.74	ng	0.00

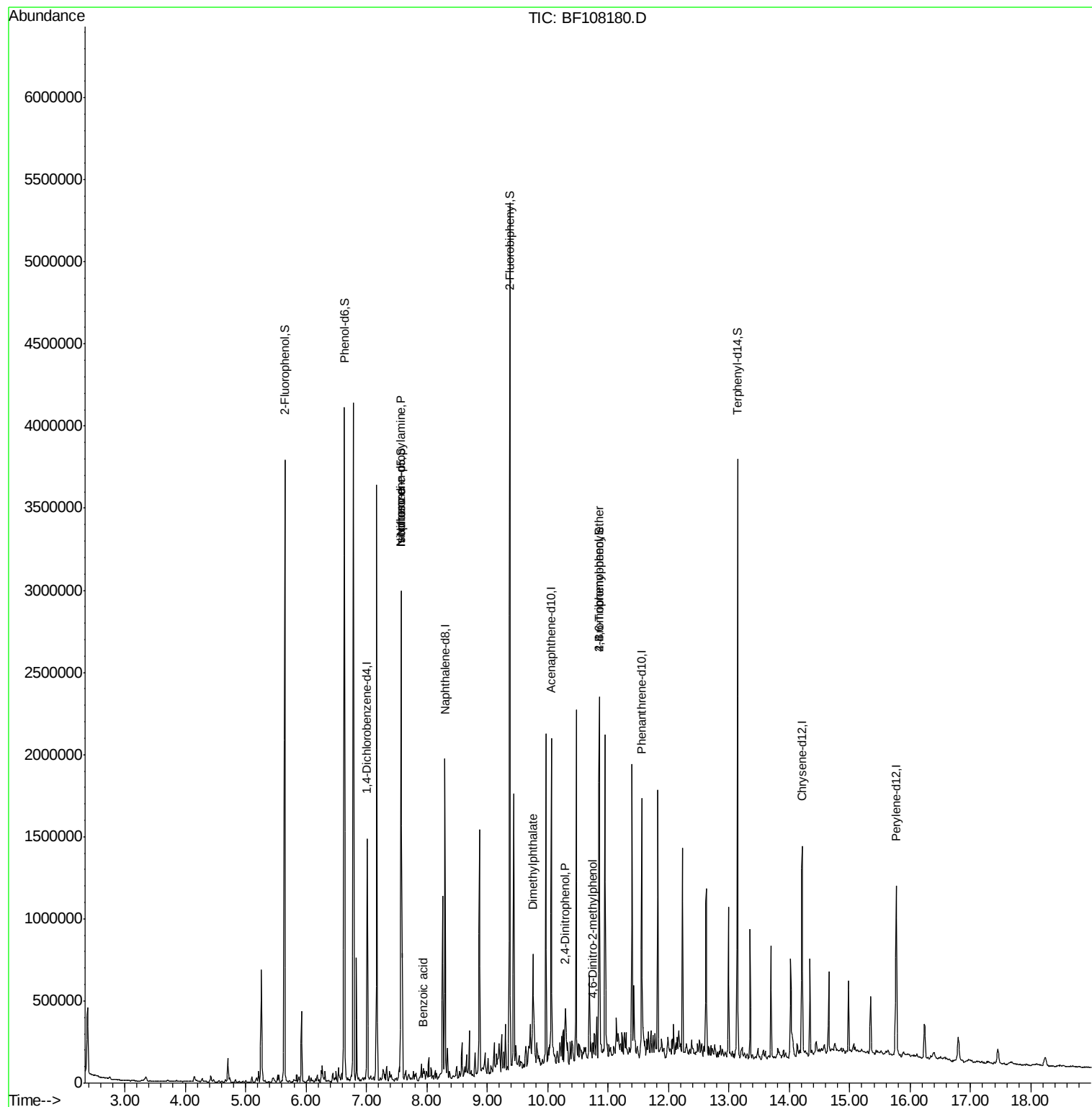
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	140182	13.217	ng	# 85
25) Isophorone	7.58	82	897024	32.481	ng	# 64
32) Benzoic acid	7.95	122	116	5.989	ng	# 1
49) Dimethylphthalate	9.76	163	75827	2.837	ng	# 98
53) 2,4-Dinitrophenol	10.29	184	137	7.080	ng	# 6
64) 4,6-Dinitro-2-methylphenol	10.74	198	146	5.416	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	16308	2.507	ng	# 1

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

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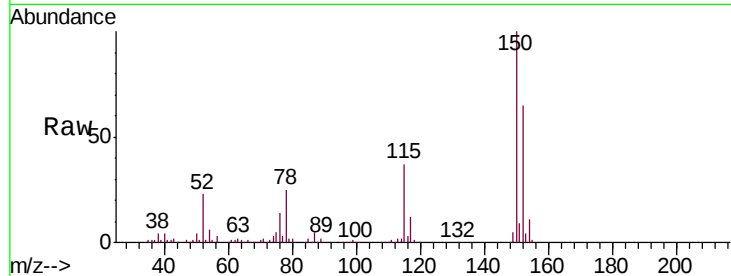


#1

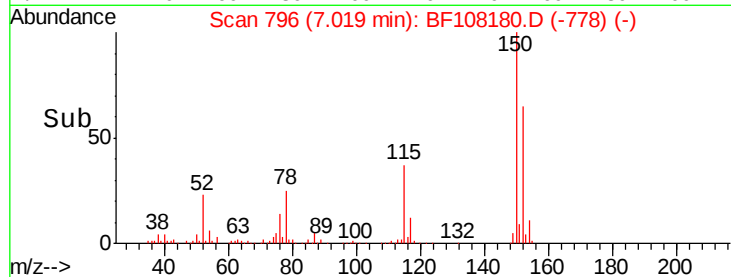
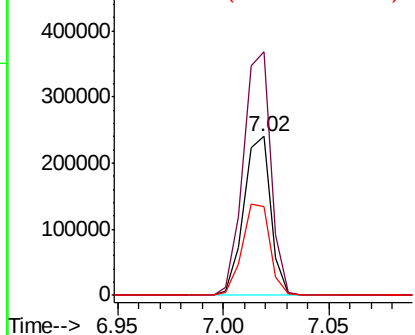
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108180.D
Acq: 15 Aug 2018 22:01

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS001-01

Tgt Ion:152 Resp: 213679
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 56.3 50.1 75.1



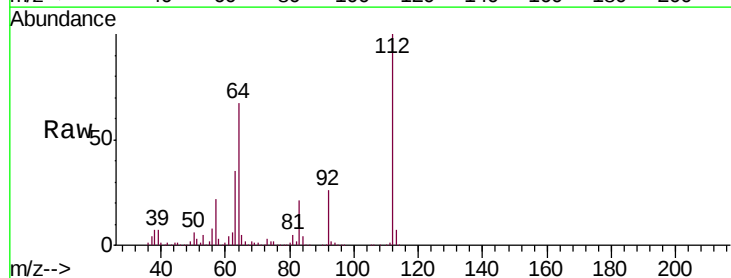
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



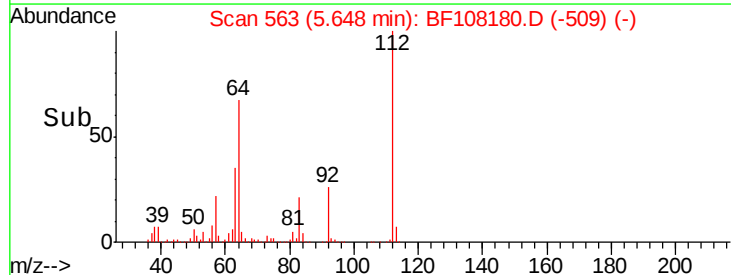
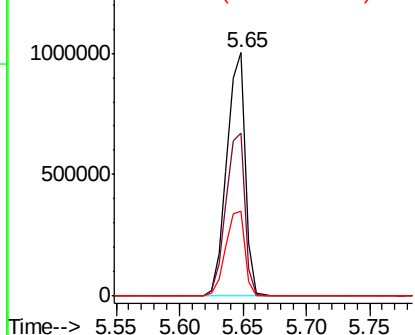
#5

2-Fluorophenol
Concen: 85.709 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108180.D
Acq: 15 Aug 2018 22:01

Tgt Ion:112 Resp: 1011581
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 35.0 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: 86.204 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108180.D

Acq: 15 Aug 2018 22:01

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS001-01

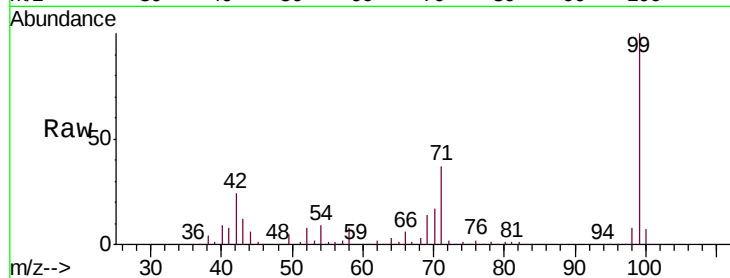
Tgt Ion: 99 Resp: 1352025

Ion Ratio Lower Upper

99 100

42 23.5 14.5 21.7#

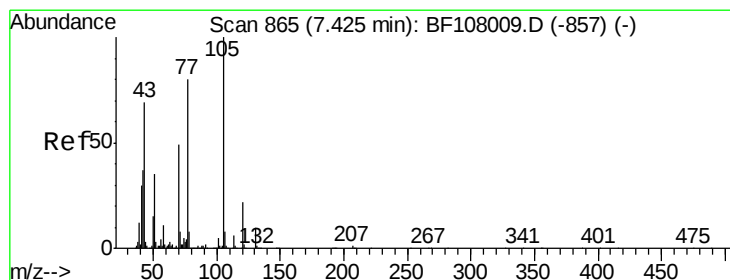
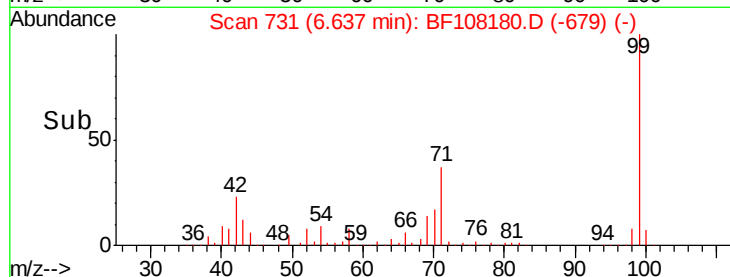
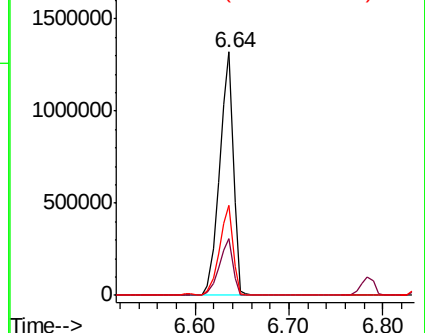
71 36.8 25.4 38.0



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: 13.217 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108180.D

Acq: 15 Aug 2018 22:01

Tgt Ion: 70 Resp: 140182

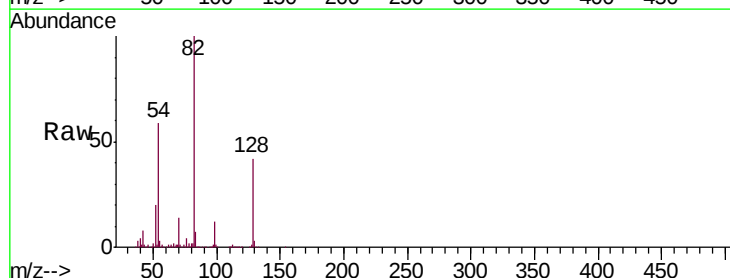
Ion Ratio Lower Upper

70 100

42 56.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

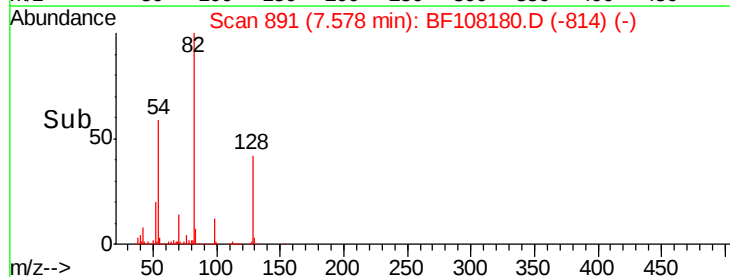
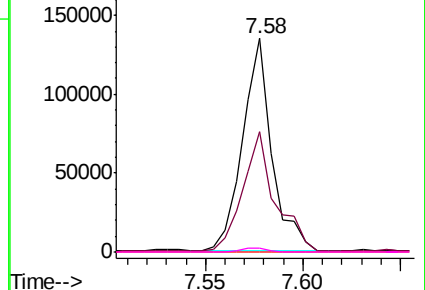


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

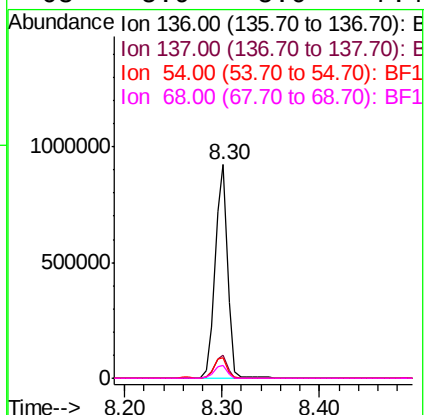
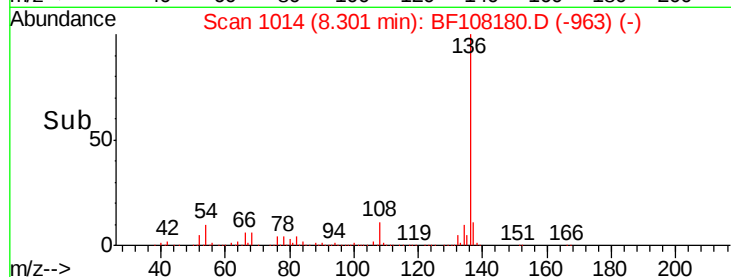
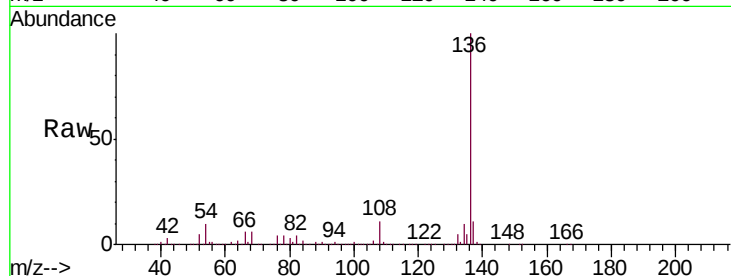




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108180.D
Acq: 15 Aug 2018 22:01

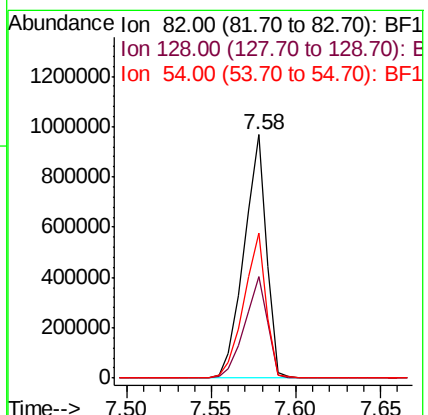
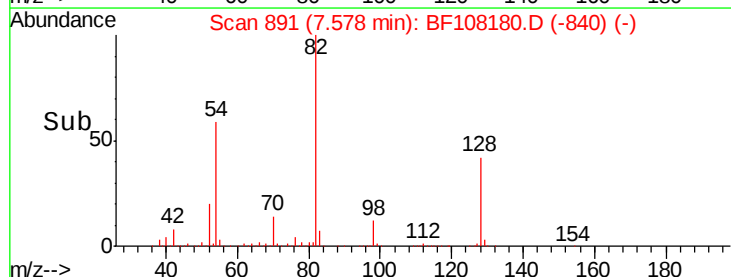
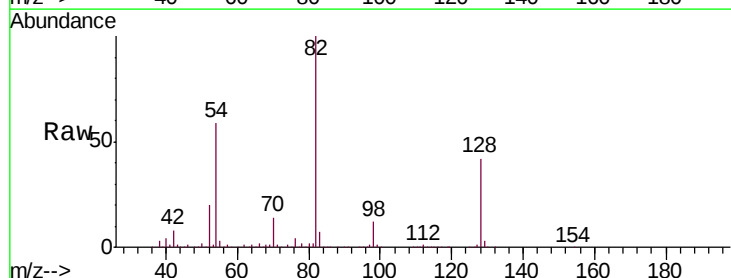
Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS001-01

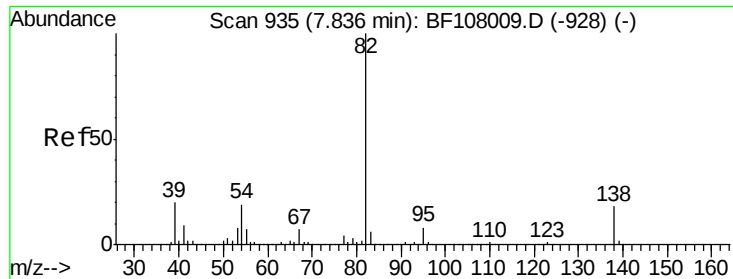
Tgt Ion:	136	Resp:	808510
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 62.197 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108180.D
Acq: 15 Aug 2018 22:01

Tgt Ion:	82	Resp:	901169
Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	59.5	41.4	62.2

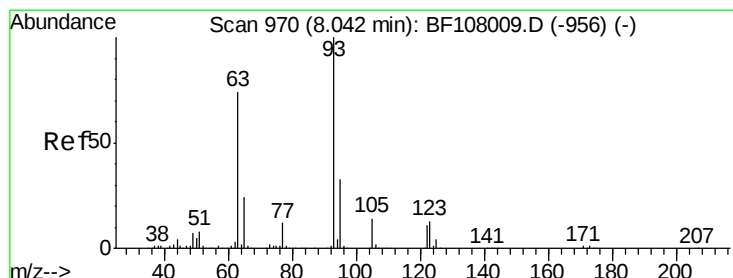
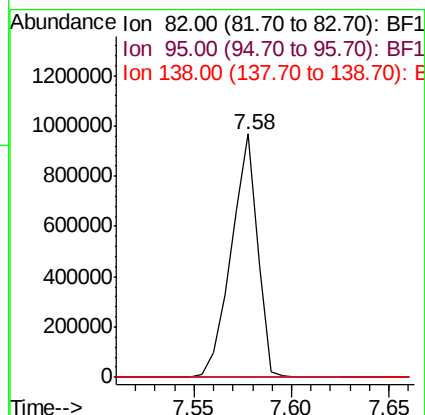
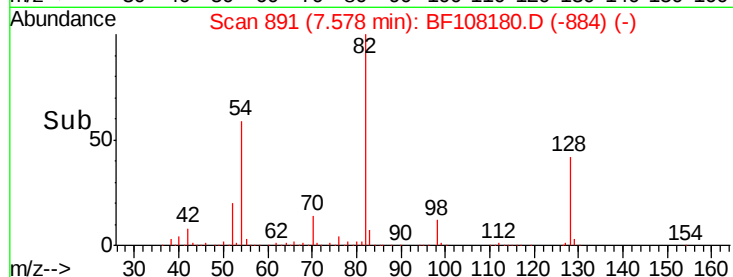
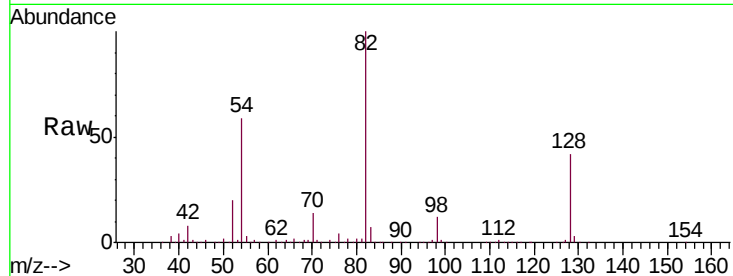




#25
Isophorone
Concen: 32.481 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108180.D
Acq: 15 Aug 2018 22:01

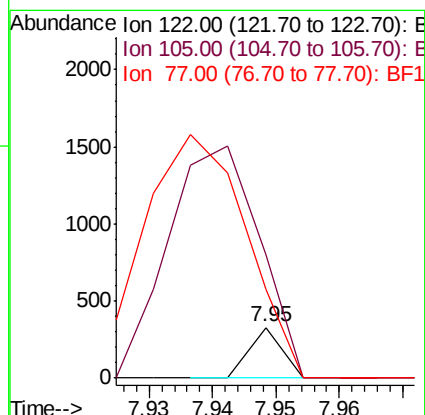
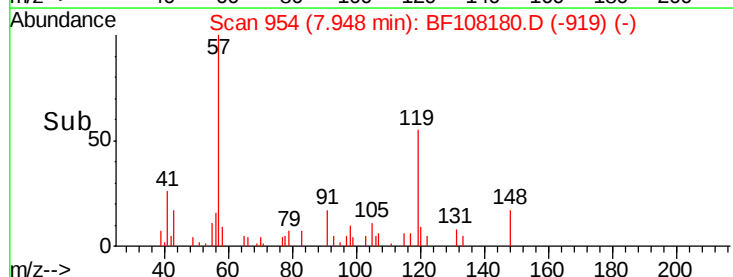
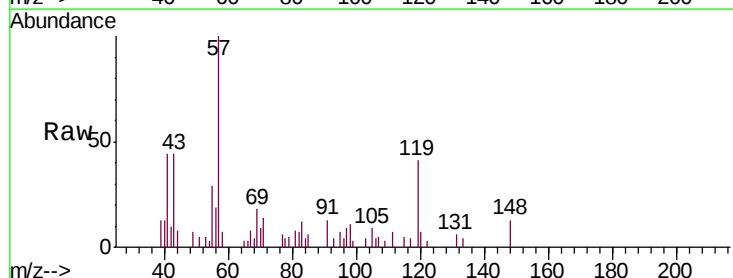
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BNA_F
ClientSampleId :
NFB-BF-SS001-01

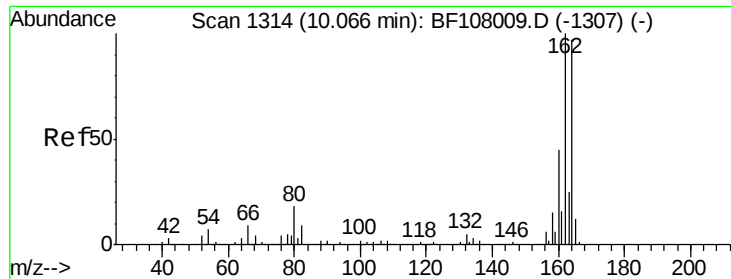
Tgt Ion: 82 Resp: 897024
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 5.989 ng
RT: 7.95 min Scan# 954
Delta R.T. -0.09 min
Lab File: BF108180.D
Acq: 15 Aug 2018 22:01

Tgt Ion: 122 Resp: 116
Ion Ratio Lower Upper
122 100
105 244.1 101.1 141.1#
77 174.5 70.7 110.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108180.D

Acq: 15 Aug 2018 22:01

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS001-01

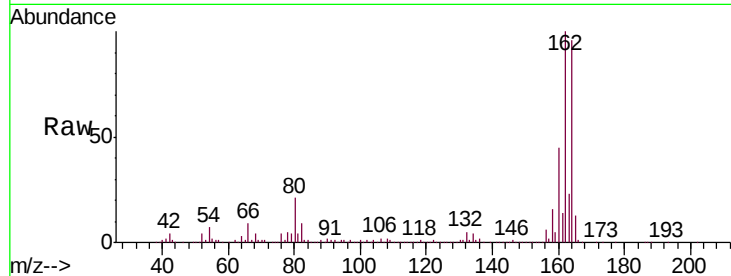
Tgt Ion:164 Resp: 383648

Ion Ratio Lower Upper

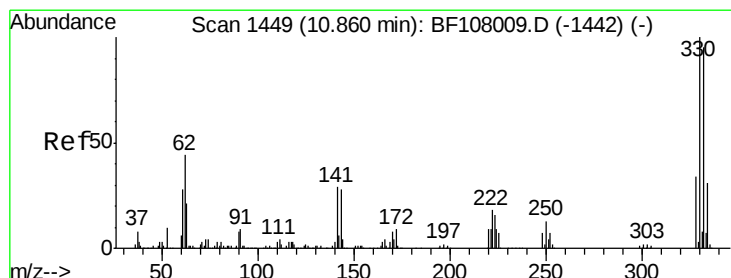
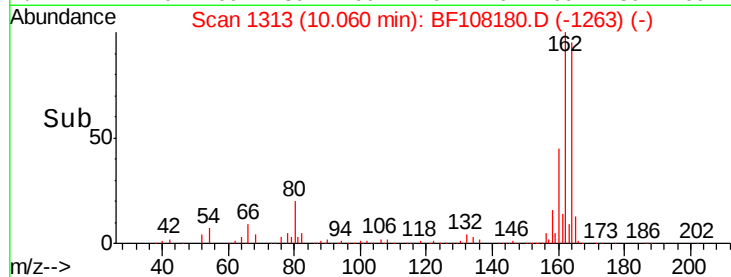
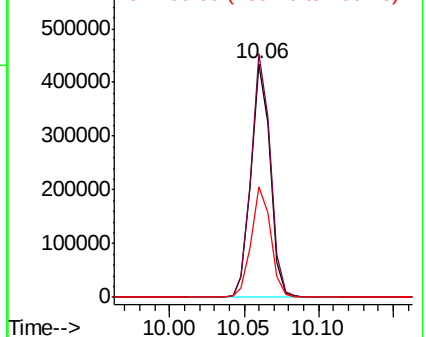
164 100

162 104.3 86.1 129.1

160 47.1 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: 65.388 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108180.D

Acq: 15 Aug 2018 22:01

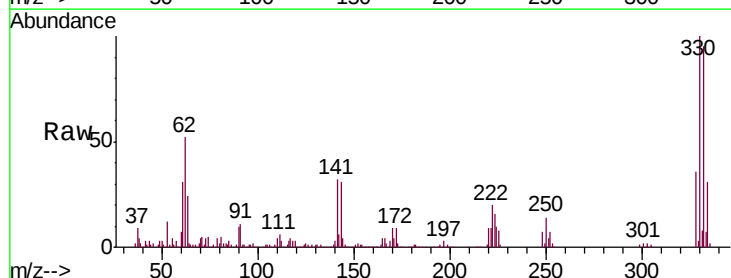
Tgt Ion:330 Resp: 250226

Ion Ratio Lower Upper

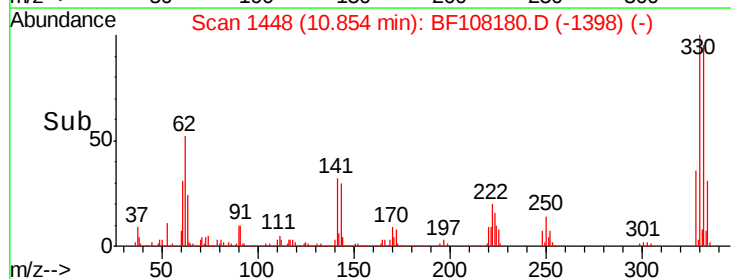
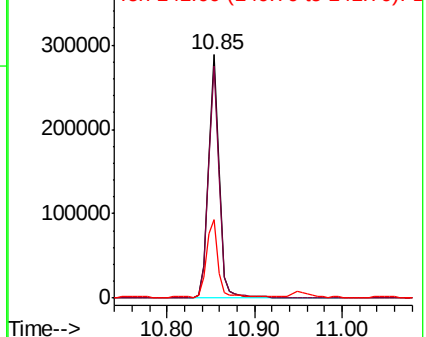
330 100

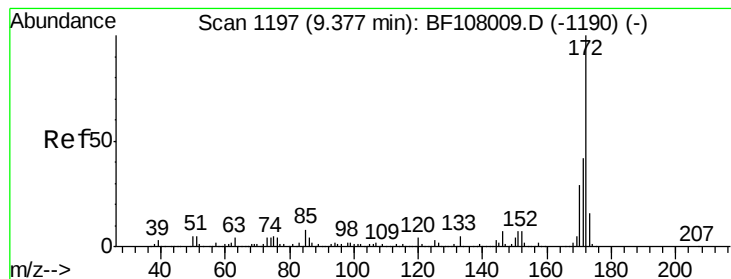
332 95.6 77.0 115.6

141 32.9 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

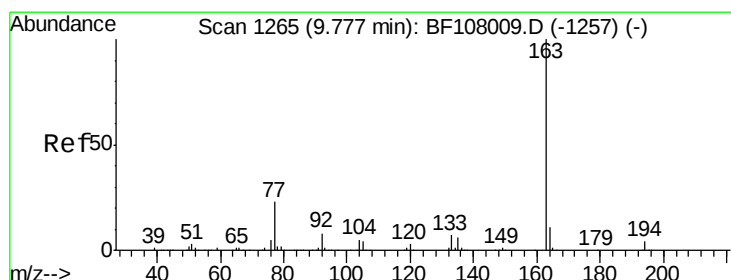
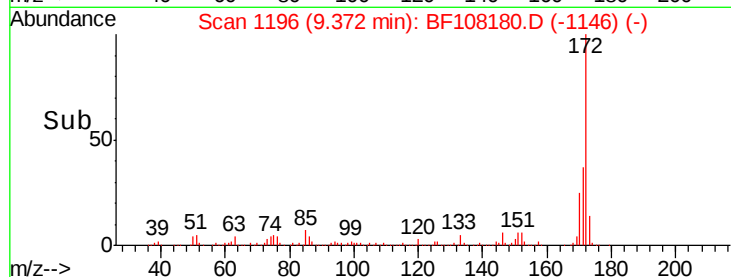
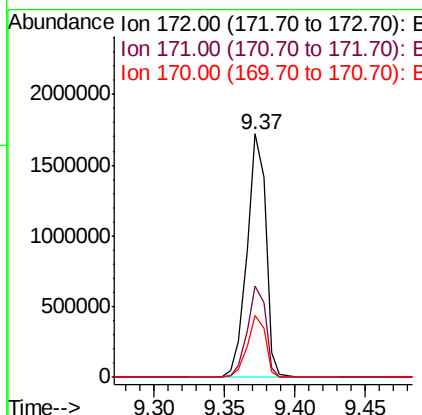
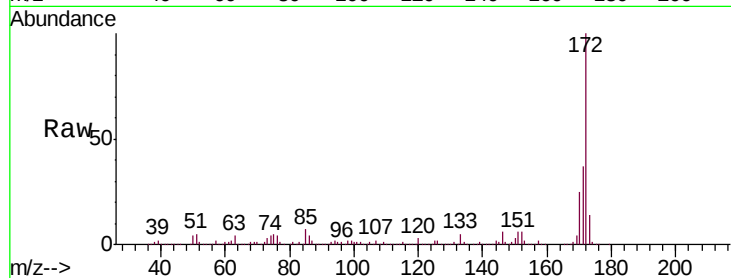




#44
 2-Fluorobiphenyl
 Concen: 67.505 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108180.D
 Acq: 15 Aug 2018 22:01

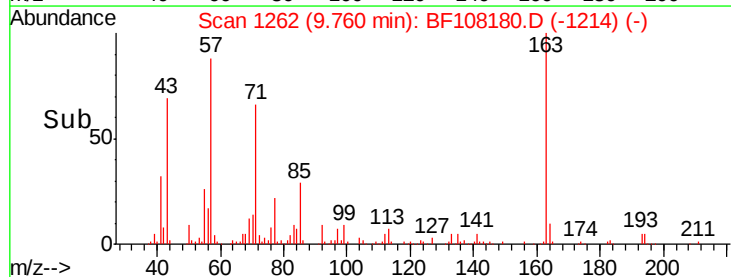
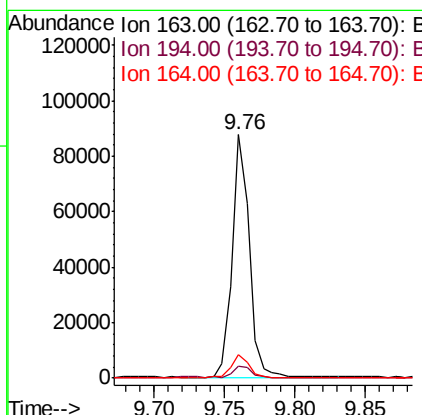
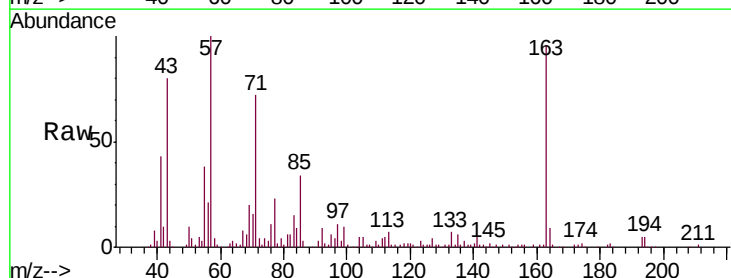
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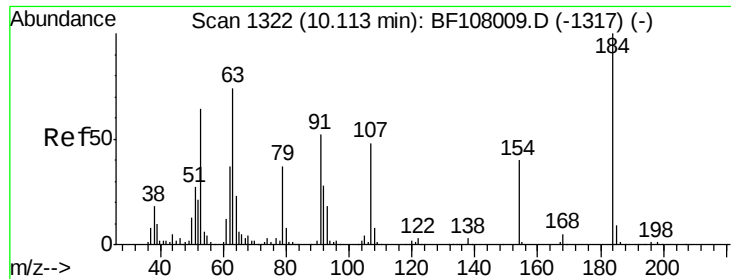
Tgt Ion:172 Resp: 1613130
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.837 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108180.D
 Acq: 15 Aug 2018 22:01

Tgt Ion:163 Resp: 75827
 Ion Ratio Lower Upper
 163 100
 194 4.9 2.7 4.1#
 164 9.8 8.2 12.2

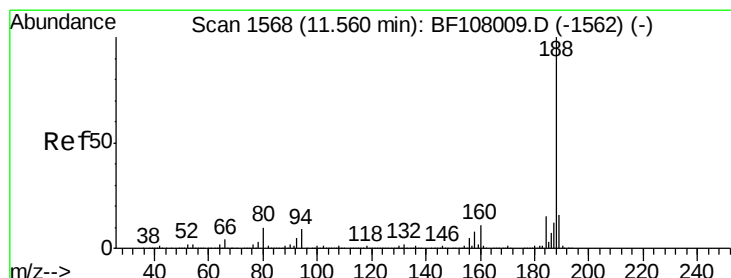
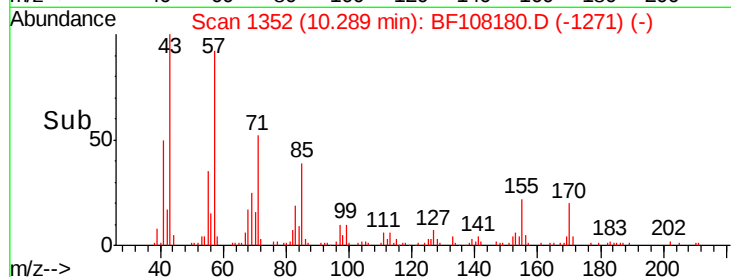
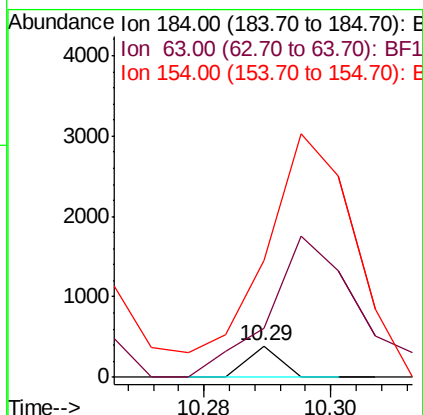
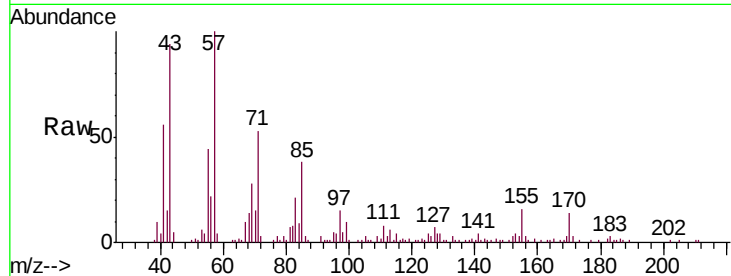




#53
 2,4-Dinitrophenol
 Concen: 7.080 ng
 RT: 10.29 min Scan# 1352
 Delta R.T. 0.18 min
 Lab File: BF108180.D
 Acq: 15 Aug 2018 22:01

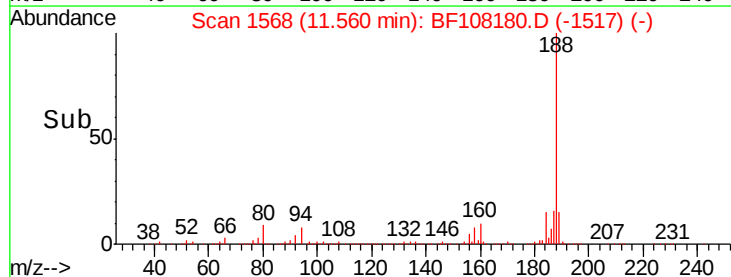
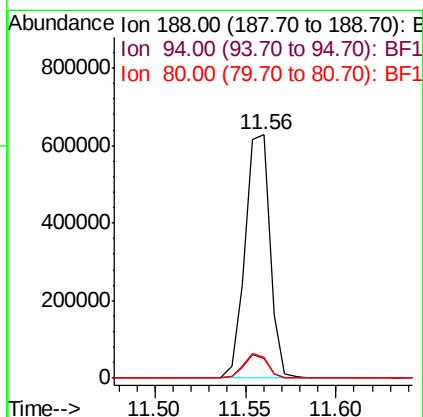
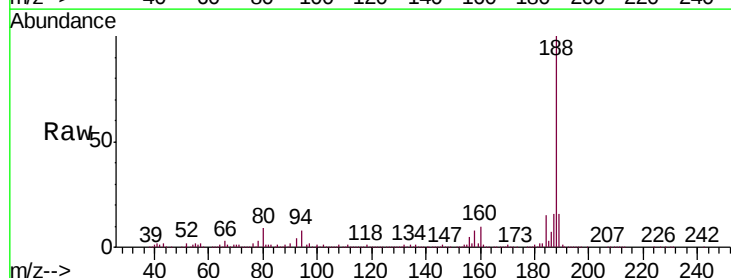
Instrument :
 BNA_F
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 NFB-BF-SS001-01

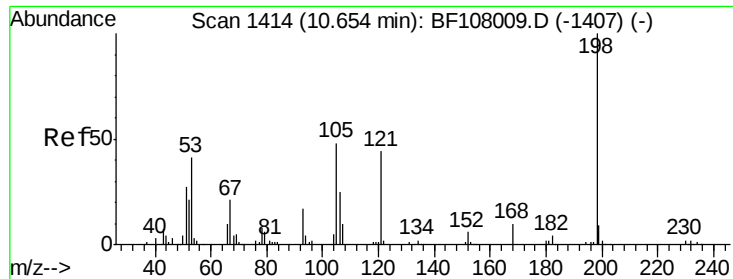
Tgt Ion:184 Resp: 137
 Ion Ratio Lower Upper
 184 100
 63 157.5 54.2 81.2#
 154 376.3 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108180.D
 Acq: 15 Aug 2018 22:01

Tgt Ion:188 Resp: 598583
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 8.8 9.2 13.8#

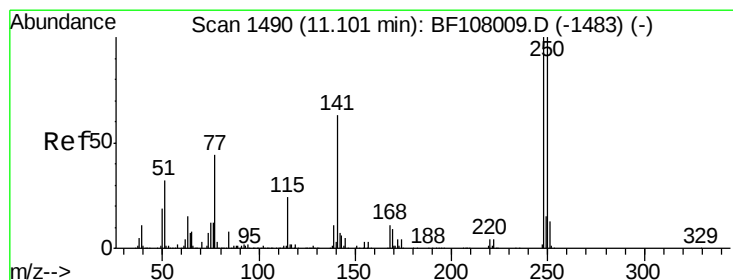
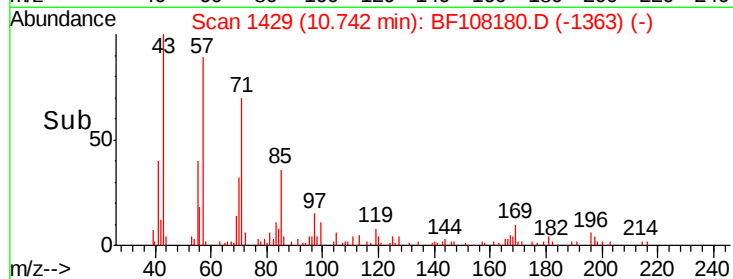
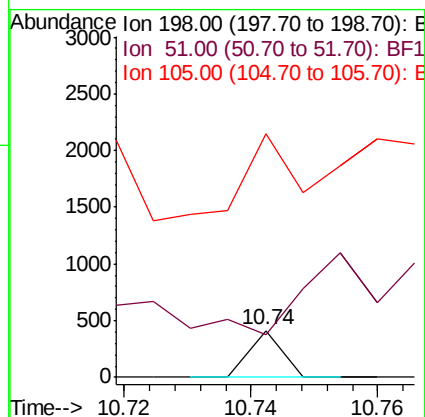
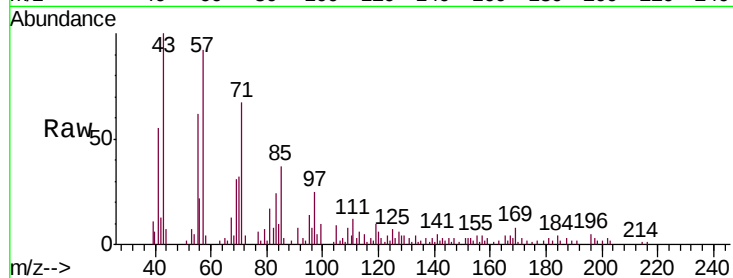




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.416 ng
 RT: 10.74 min Scan# 1429
 Delta R.T. 0.09 min
 Lab File: BF108180.D
 Acq: 15 Aug 2018 22:01

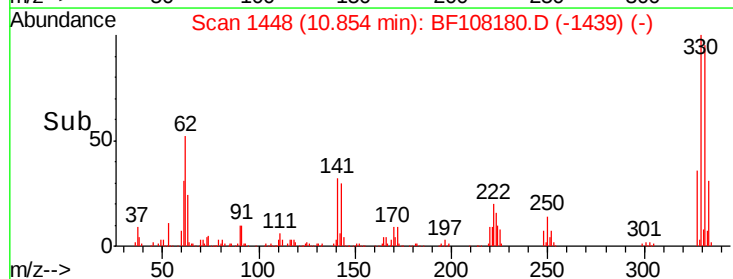
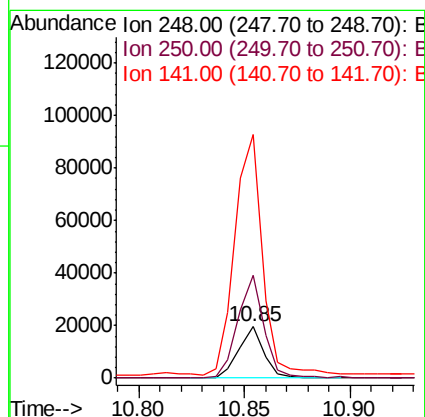
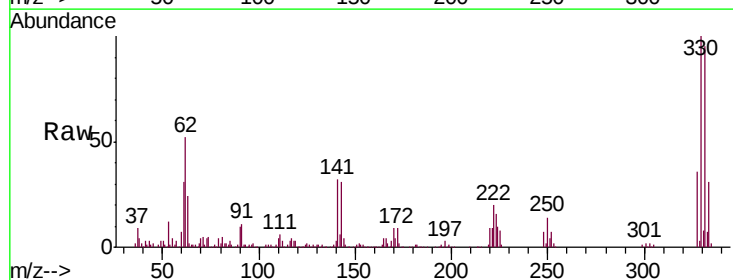
Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS001-01

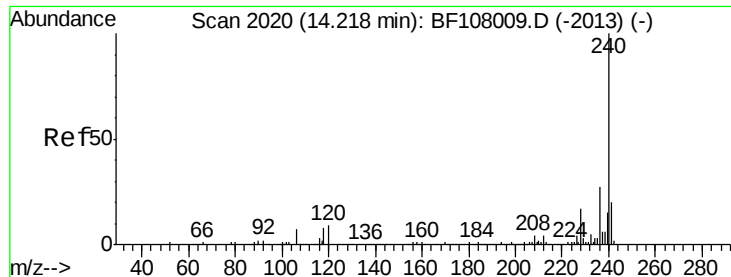
Tgt Ion:198 Resp: 146
 Ion Ratio Lower Upper
 198 100
 51 90.6 37.7 77.7#
 105 519.9 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 2.507 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108180.D
 Acq: 15 Aug 2018 22:01

Tgt Ion:248 Resp: 16308
 Ion Ratio Lower Upper
 248 100
 250 201.5 76.9 115.3#
 141 477.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108180.D

Acq: 15 Aug 2018 22:01

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS001-01

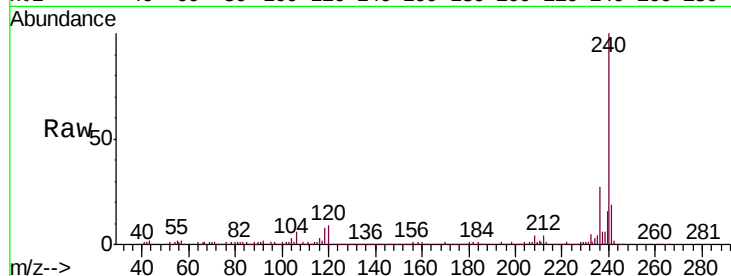
Tgt Ion:240 Resp: 449098

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

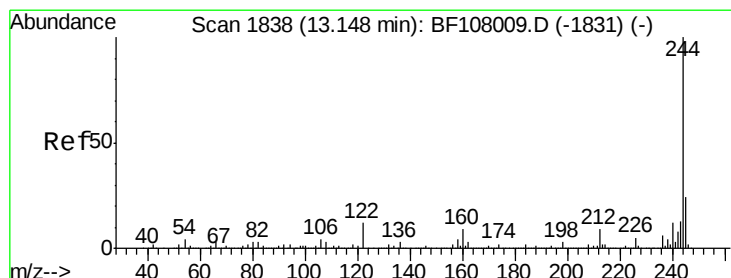
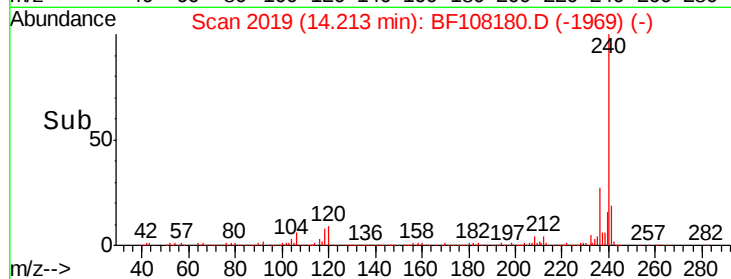
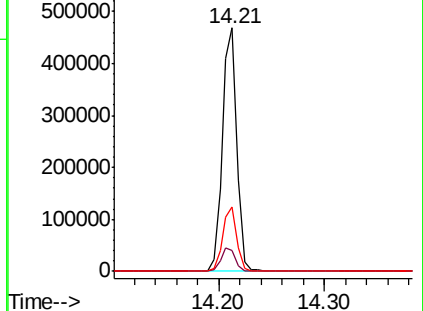
236 26.6 20.7 31.1



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: 66.739 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108180.D

Acq: 15 Aug 2018 22:01

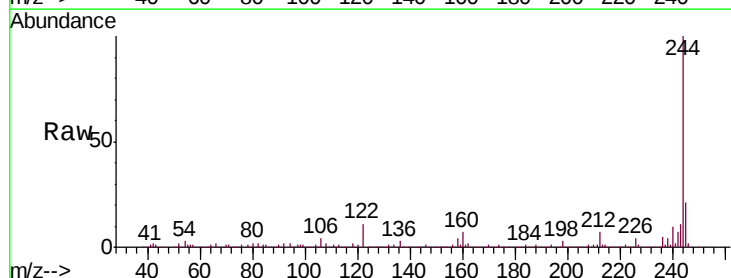
Tgt Ion:244 Resp: 1178817

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

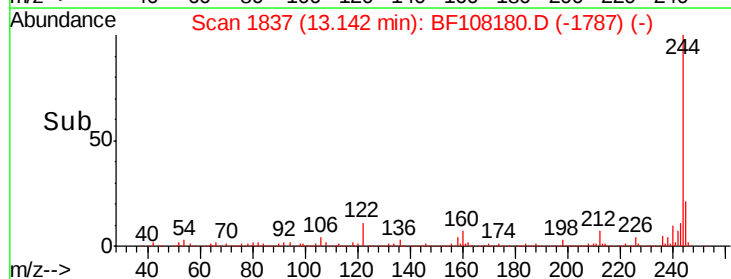
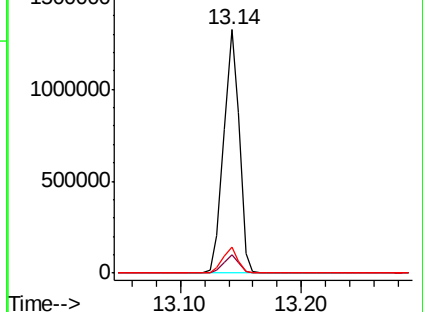
122 10.6 11.0 16.4#

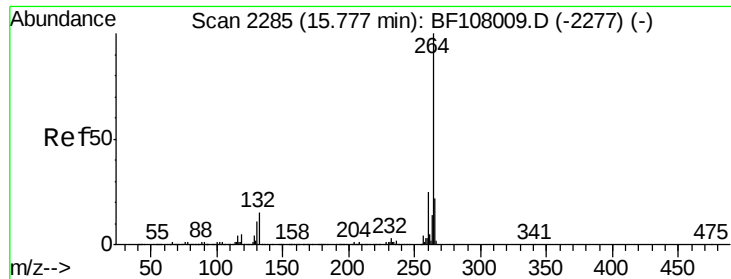


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108180.D
Acq: 15 Aug 2018 22:01

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS001-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.2	17.5	26.3

