

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 04:02:28 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

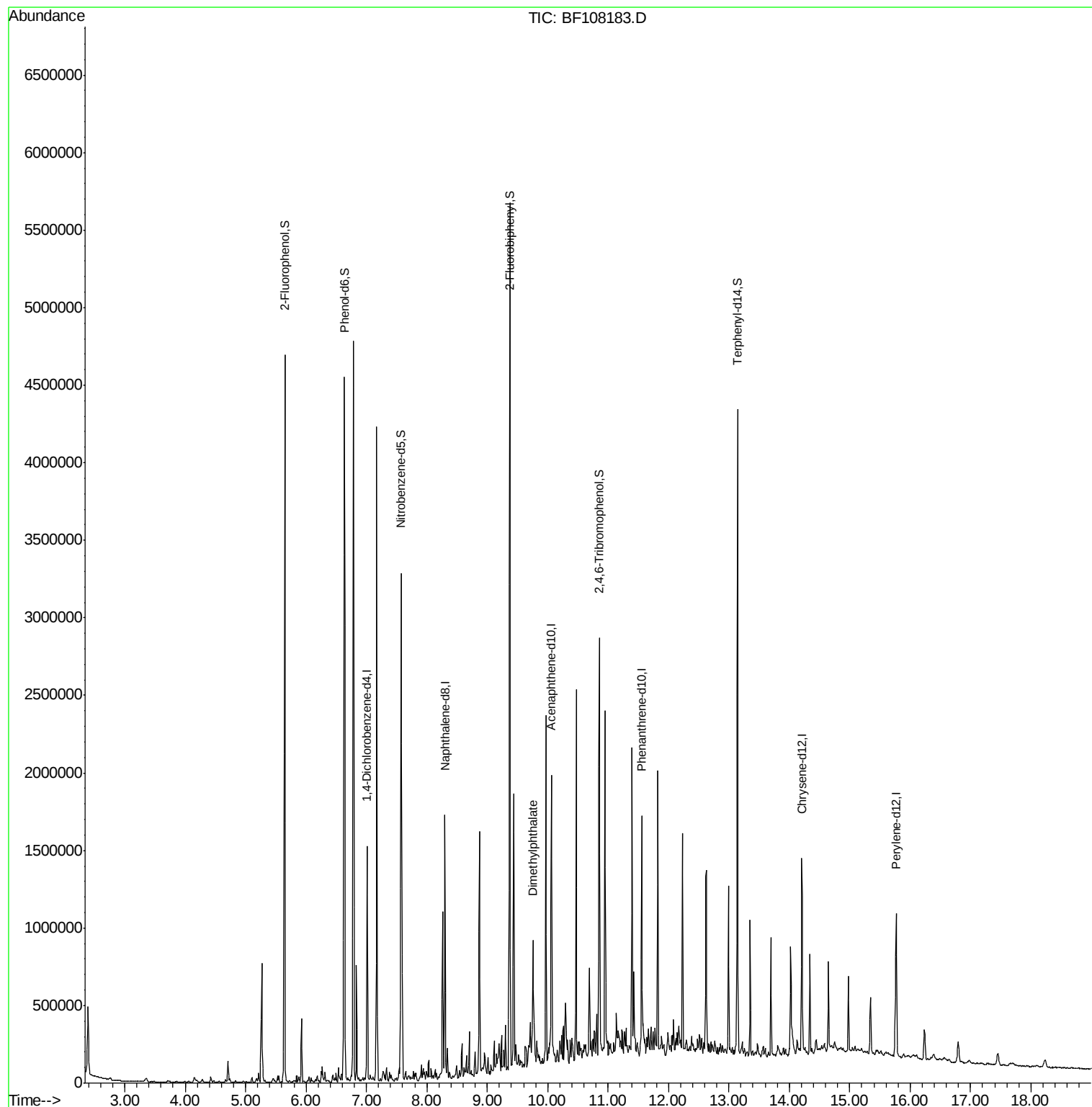
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	202293	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	750398	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	351776	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	560150	20.00	ng	0.00
75) Chrysene-d12	14.21	240	413520	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						
49) Dimethylphthalate	9.76	163	107775	4.398	ng	Qvalue # 98

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

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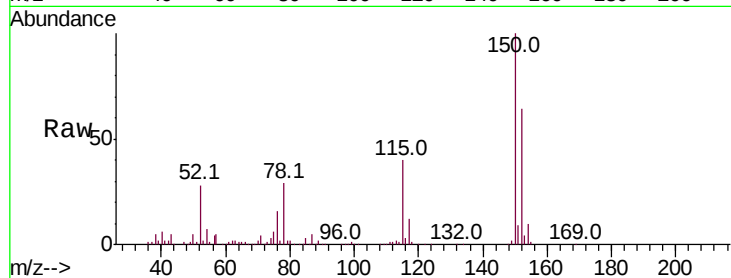


#1

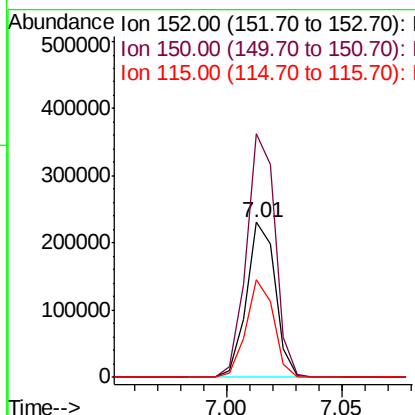
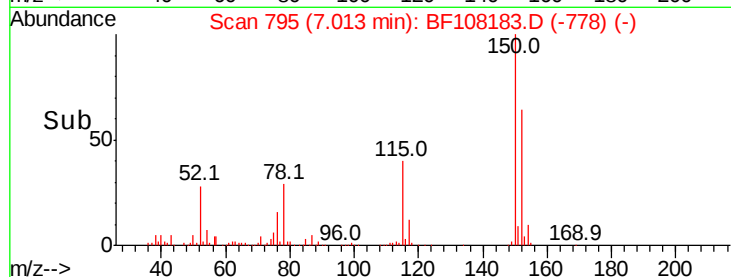
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108183.D
Acq: 15 Aug 2018 23:24

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

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



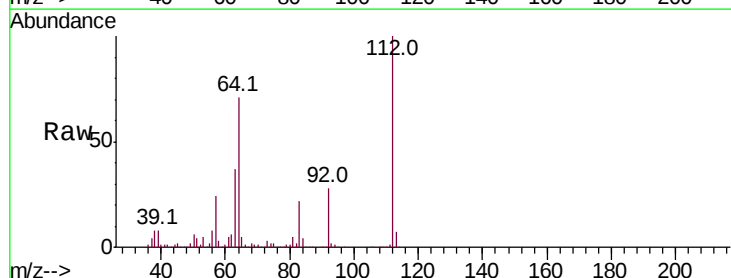
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



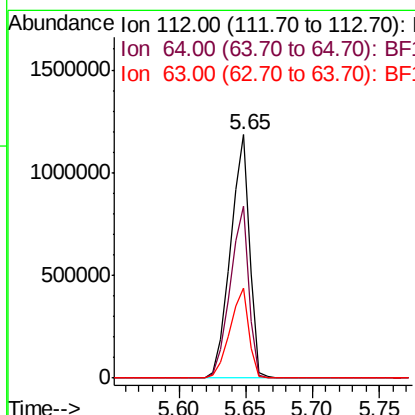
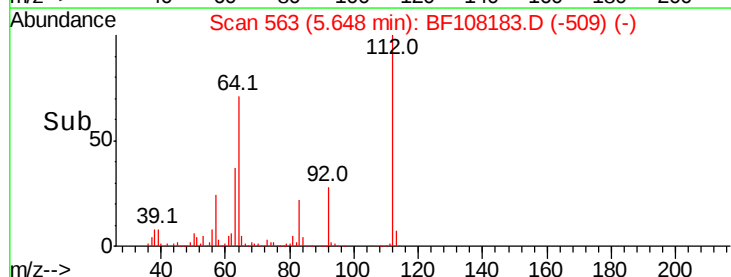
#5

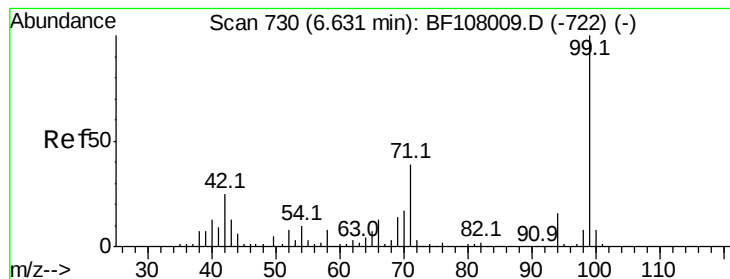
2-Fluorophenol
Concen: 107.245 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108183.D
Acq: 15 Aug 2018 23:24

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 :

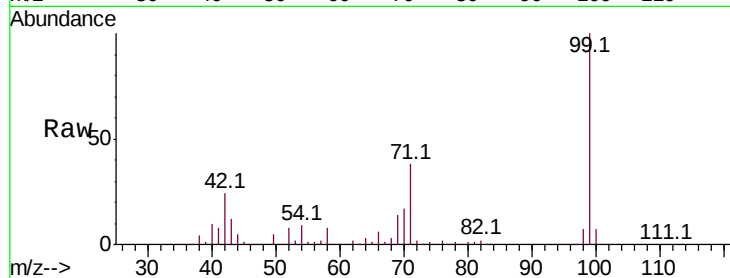
BNA_F

ClientSampleId :

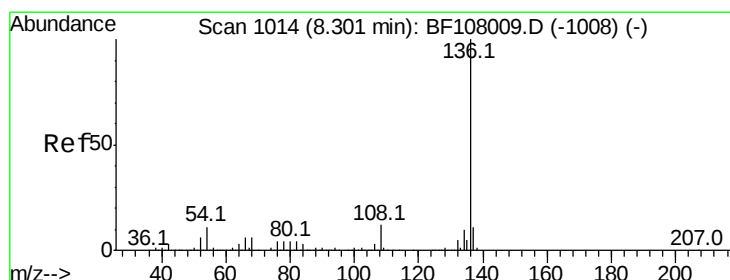
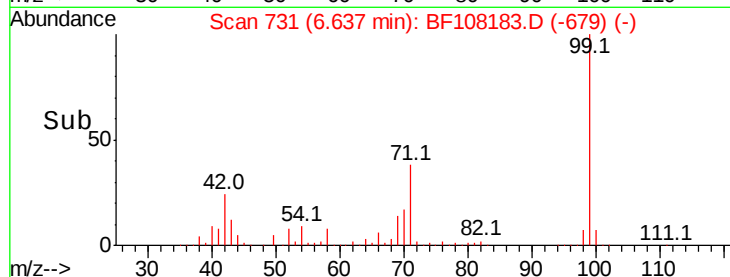
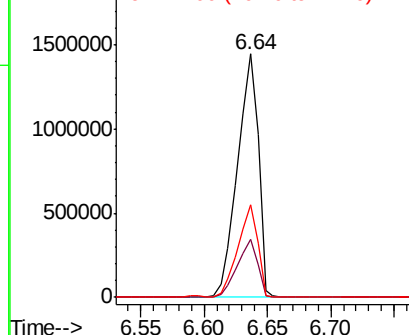
NFB-BF-SS004-01

Tot Ion: 99 Resp: 1628302

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

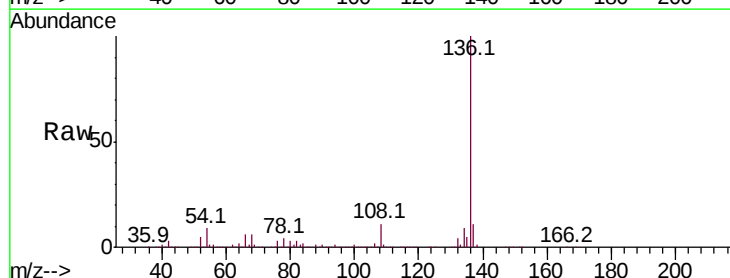
Delta R.T. 0.00 min

Lab File: BF108183.D

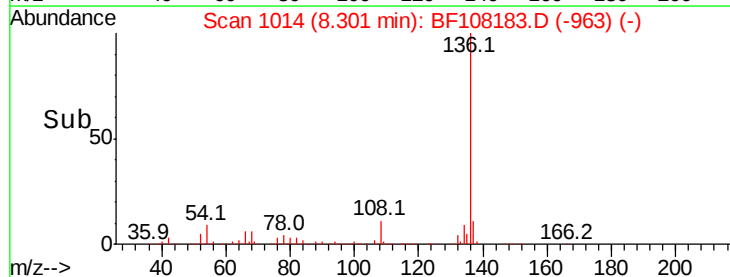
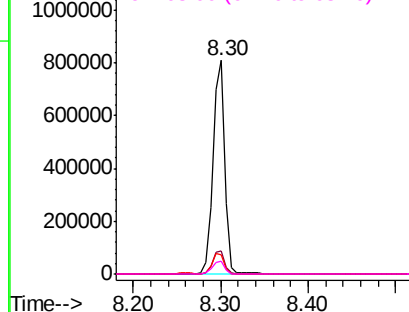
Acq: 15 Aug 2018 23:24

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

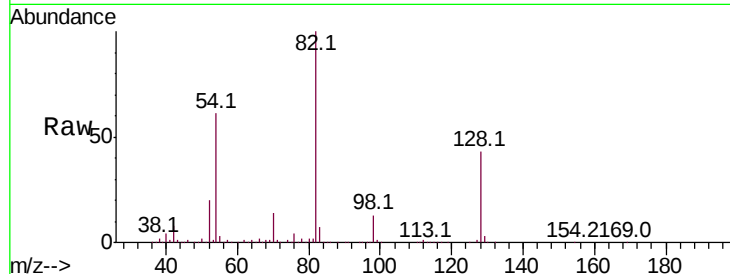




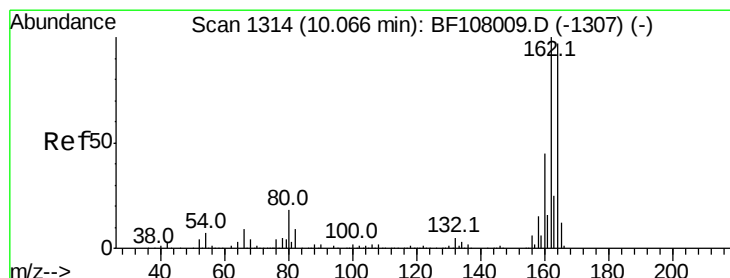
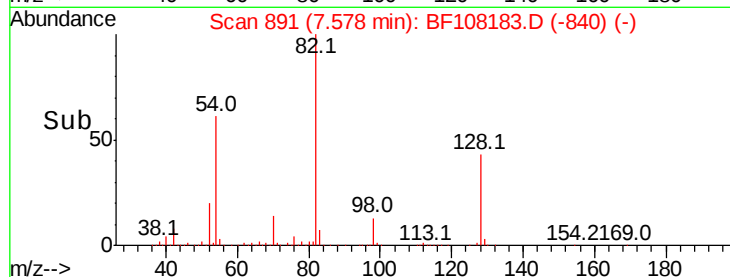
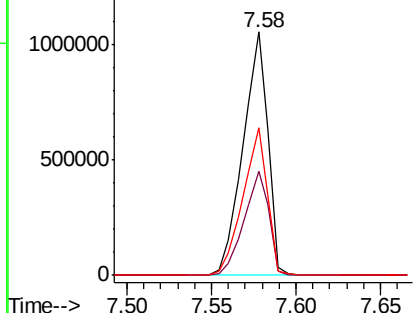
#23
Nitrobenzene-d5
Concen: 80.657 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108183.D
Acq: 15 Aug 2018 23:24

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

Tot Ion: 82 Resp: 1084647
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 60.7 41.4 62.2

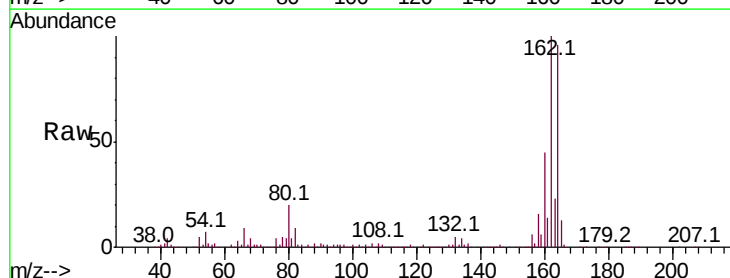


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

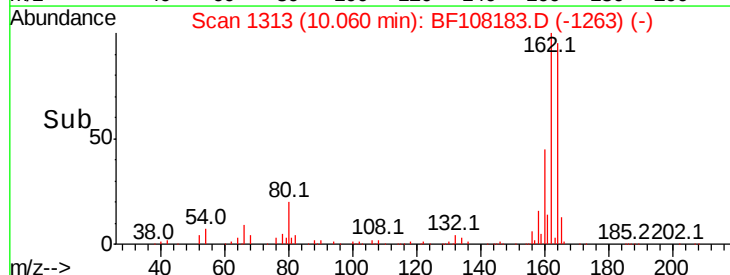
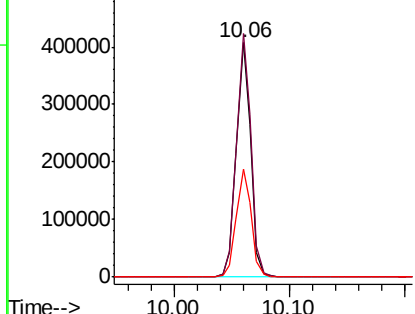


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108183.D
Acq: 15 Aug 2018 23:24

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

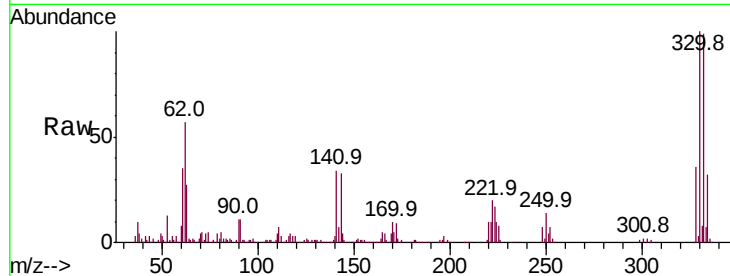




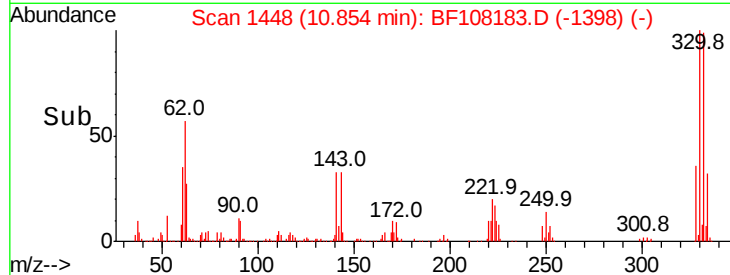
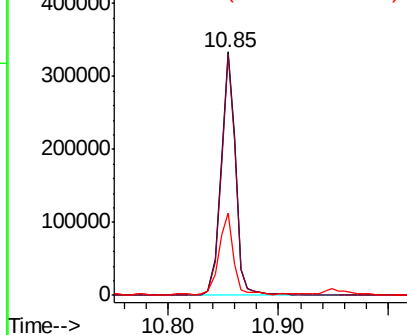
#41
 2,4,6-Tribromophenol
 Concen: 87.170 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108183.D
 Acq: 15 Aug 2018 23:24

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

Tot Ion:330 Resp: 305869
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 32.7 29.9 44.9

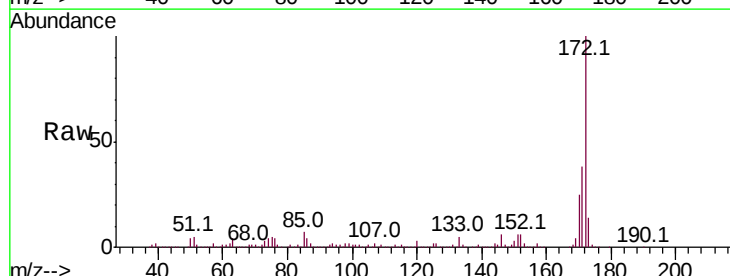


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

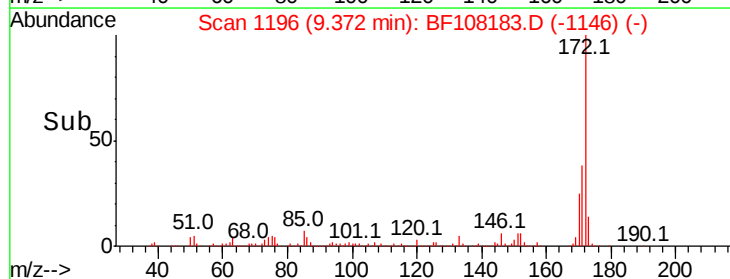
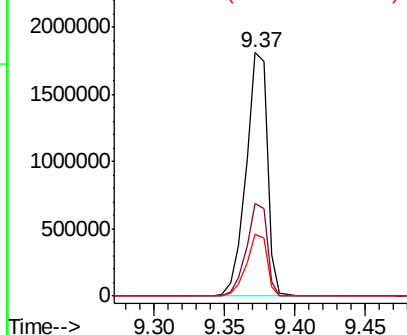


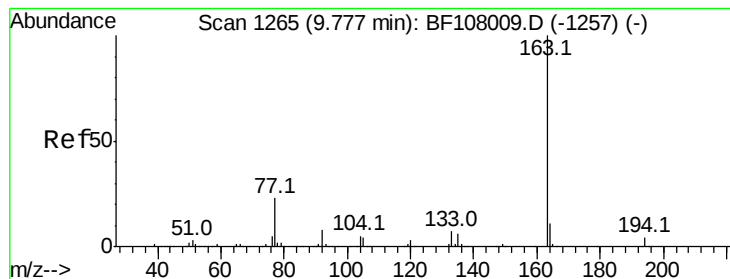
#44
 2-Fluorobiphenyl
 Concen: 87.661 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108183.D
 Acq: 15 Aug 2018 23:24

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

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS004-01

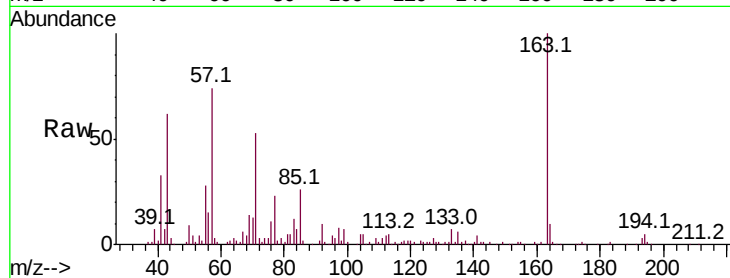
Tot Ion:163 Resp: 107775

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

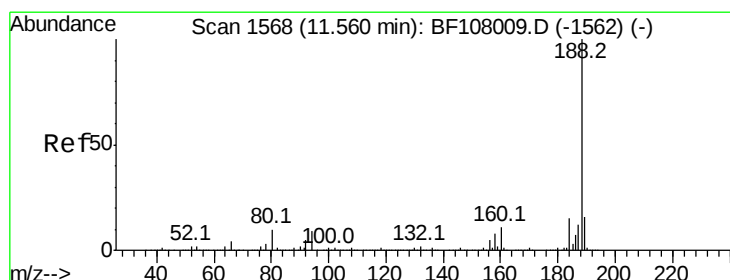
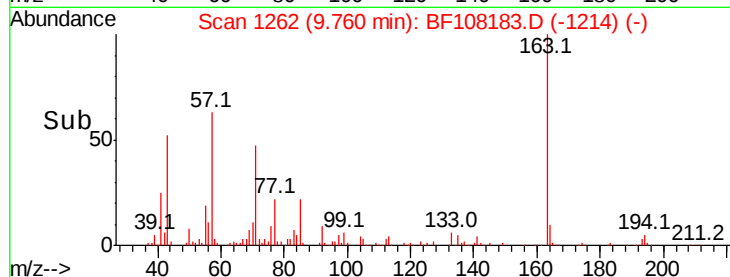
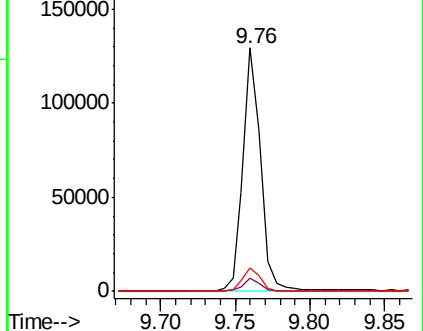
164 9.9 8.2 12.2



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



#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

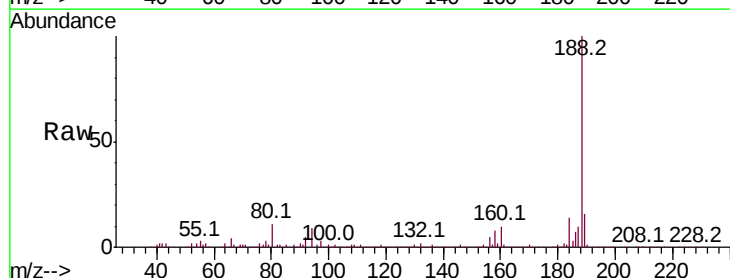
Tgt Ion:188 Resp: 560150

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

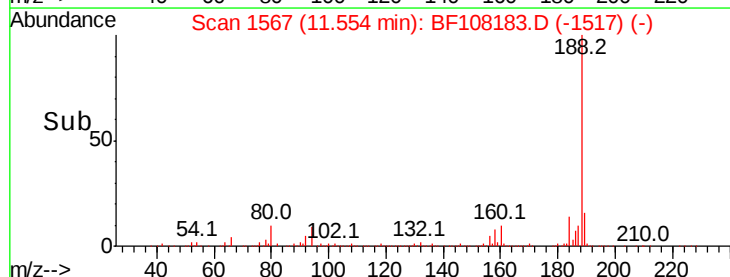
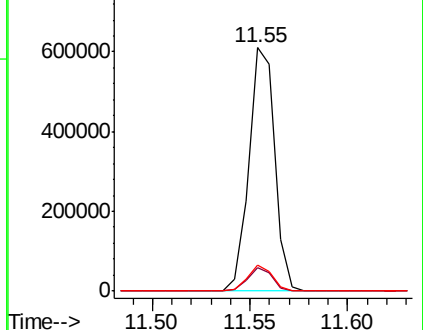
80 10.5 9.2 13.8

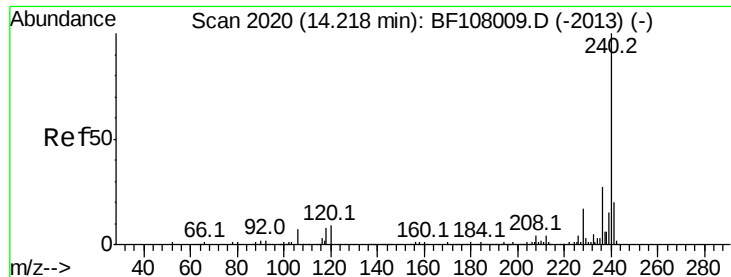


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

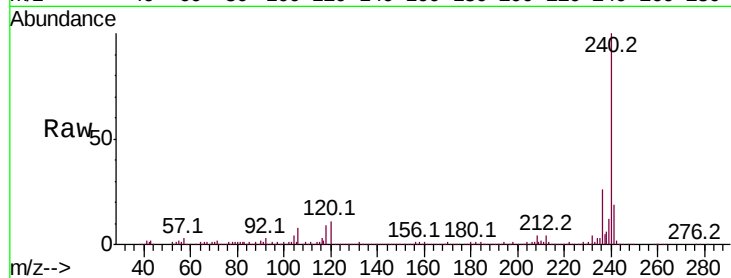
Tot Ion:240 Resp: 413520

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

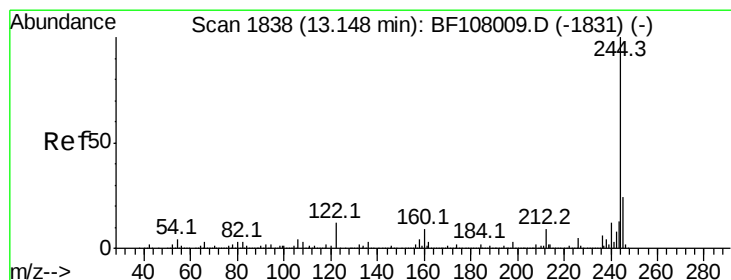
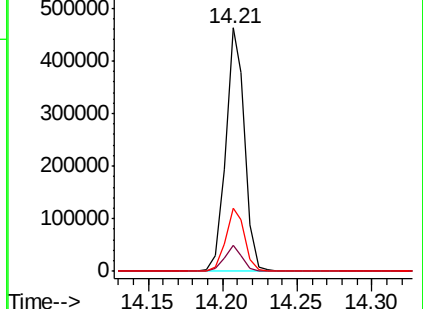
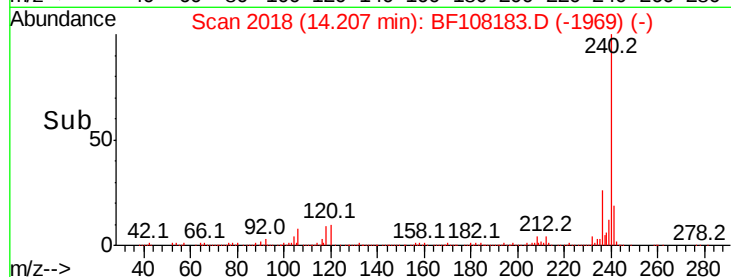
236 26.0 20.7 31.1



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

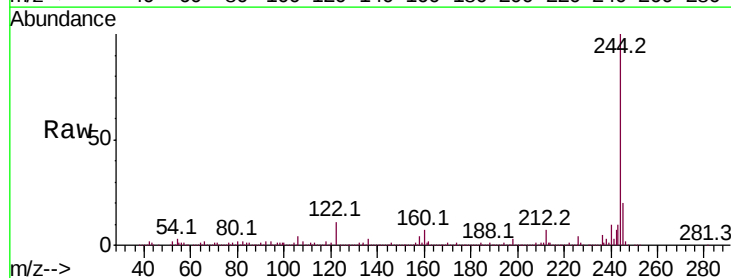
Tgt Ion:244 Resp: 1463203

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

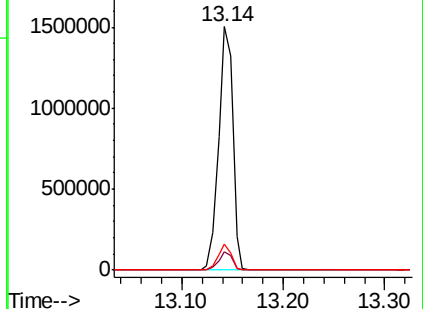
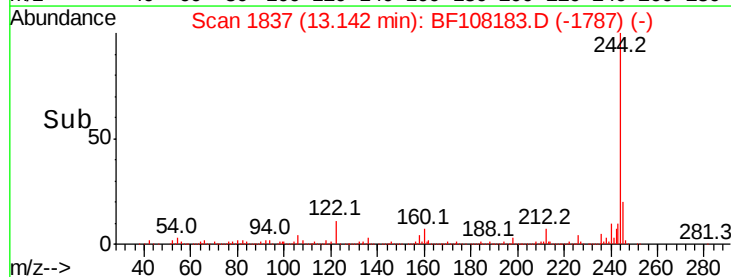
122 10.7 11.0 16.4#

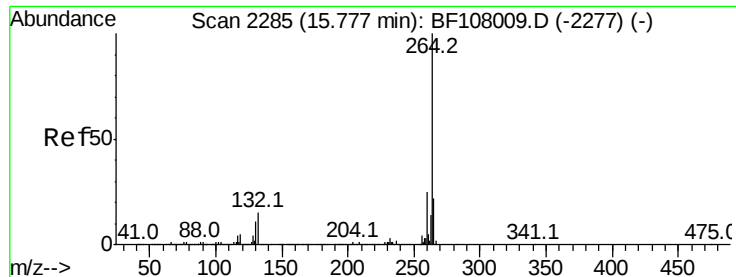


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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

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

