

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108184.D
 Acq On : 15 Aug 2018 23:51
 Operator : JU/SJ
 Sample : J3822-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS005-01

Quant Time: Aug 16 04:05:26 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

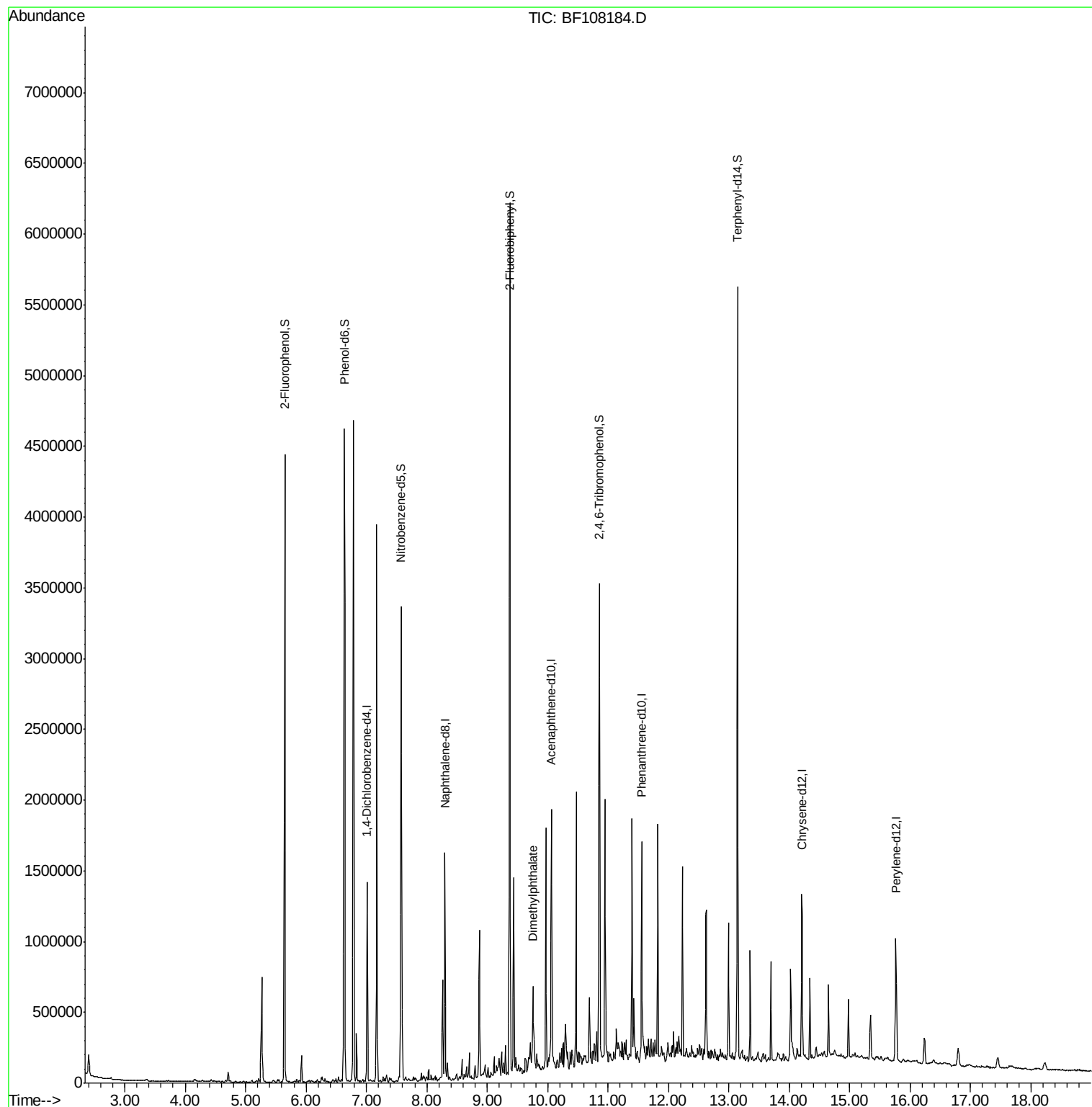
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	195963	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	733880	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	346675	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	566524	20.00	ng	0.00
75) Chrysene-d12	14.21	240	399944	20.00	ng	-0.01
86) Perylene-d12	15.77	264	399974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1111185	102.66	ng	0.02
7) Phenol-d6	6.64	99	1704884	118.53	ng	0.00
23) Nitrobenzene-d5	7.58	82	1132194	86.09	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	424260	122.69	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2177207	100.83	ng	0.00
78) Terphenyl-d14	13.15	244	1873601	119.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	75873	3.142	ng	Qvalue # 99

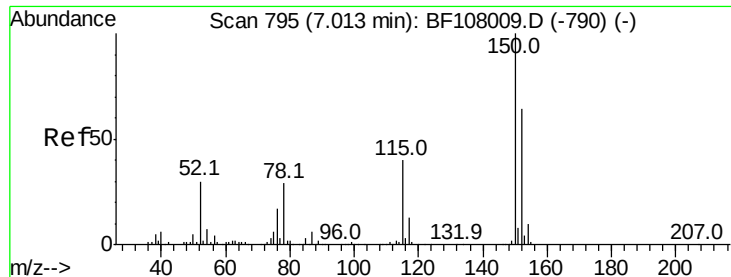
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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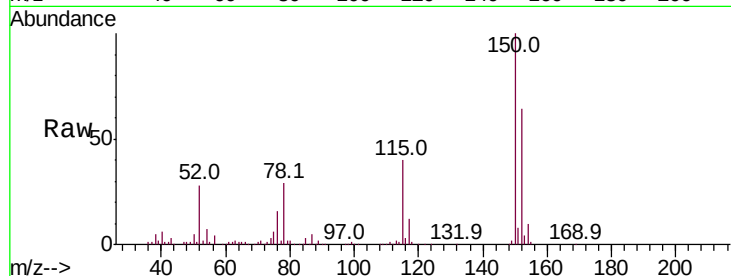


#1

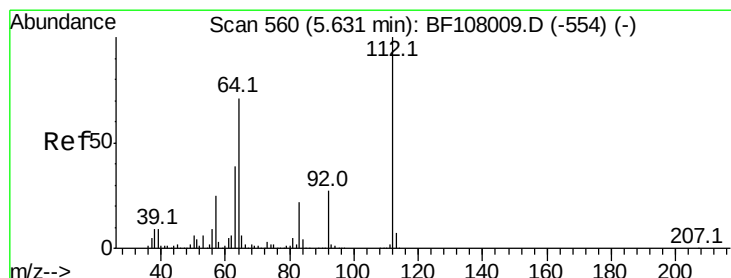
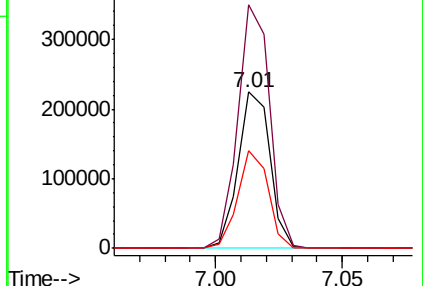
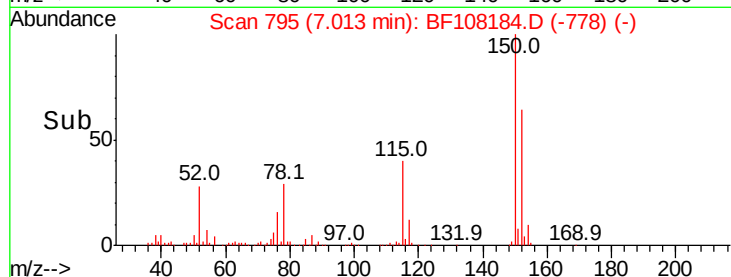
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tot Ion:152 Resp: 195963
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.4 50.1 75.1



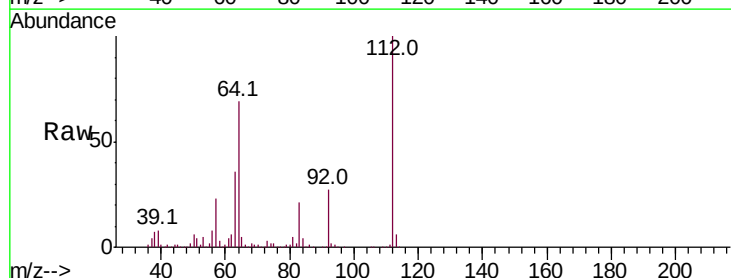
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



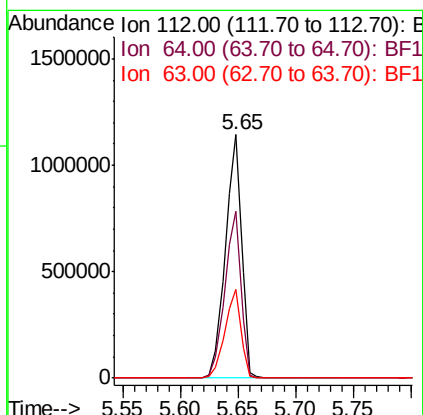
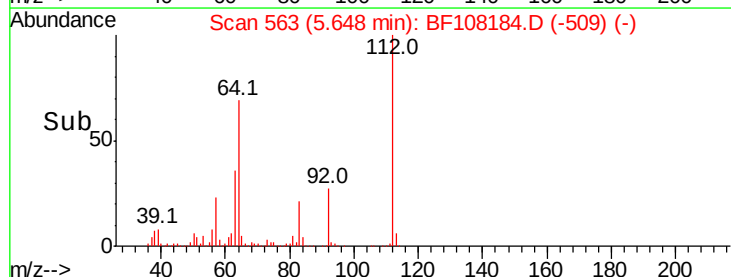
#5

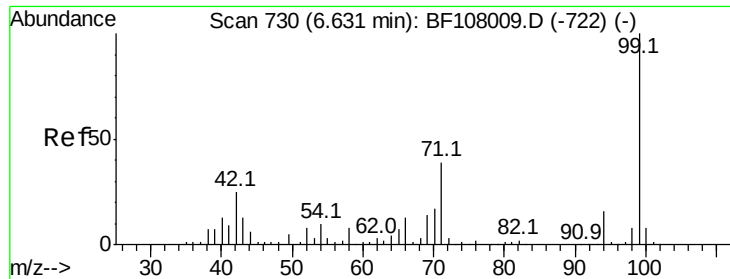
2-Fluorophenol
Concen: 102.660 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108184.D
Acq: 15 Aug 2018 23:51

Tgt Ion:112 Resp: 1111185
Ion Ratio Lower Upper
112 100
64 68.5 47.9 71.9
63 36.5 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: 118.530 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108184.D

Acq: 15 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS005-01

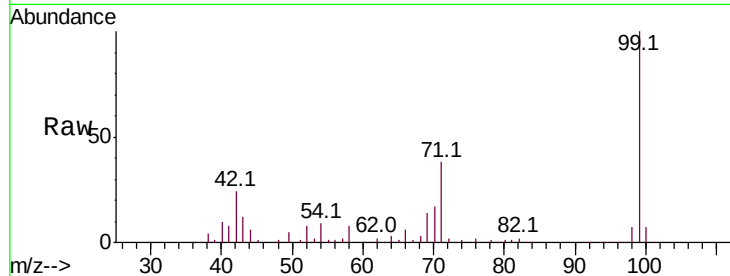
Tot Ion: 99 Resp: 1704884

Ion Ratio Lower Upper

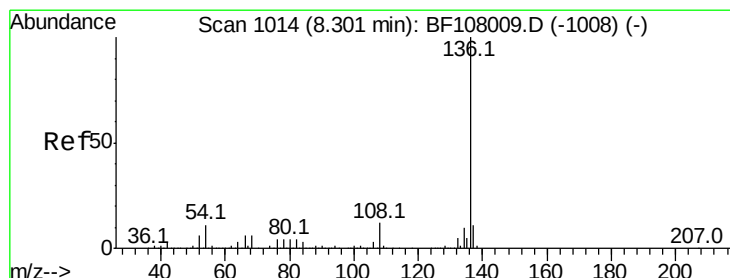
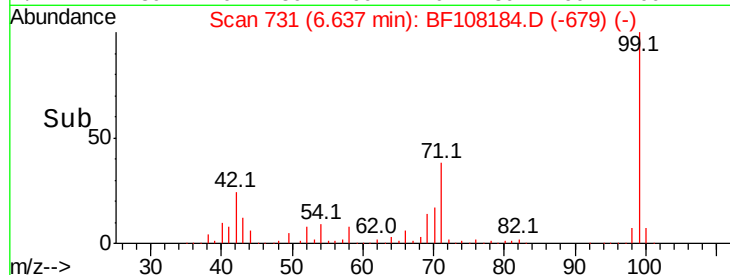
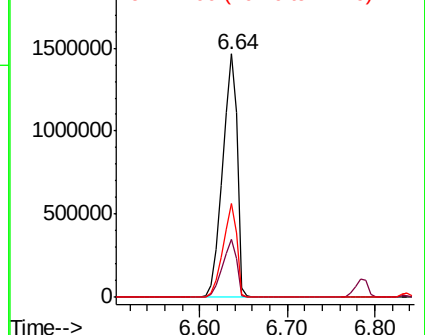
99 100

42 24.0 14.5 21.7#

71 38.5 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: BF108184.D

Acq: 15 Aug 2018 23:51

Tgt Ion: 136 Resp: 733880

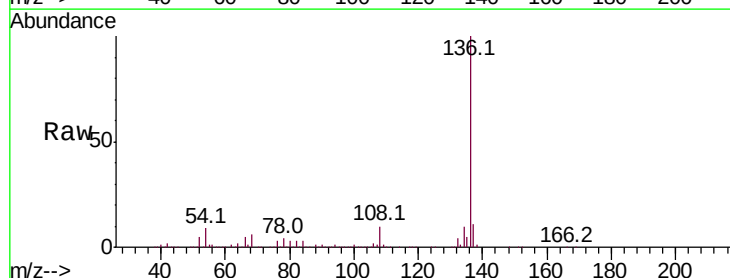
Ion Ratio Lower Upper

136 100

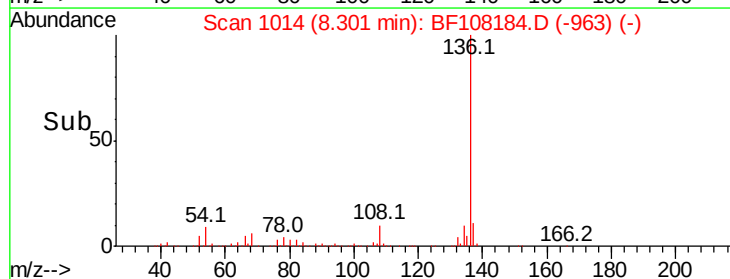
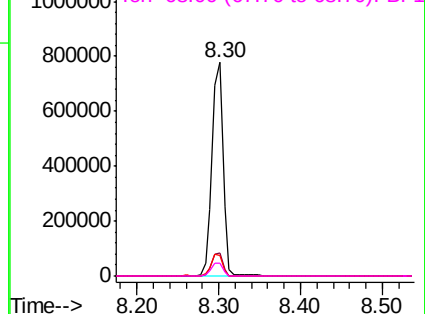
137 10.8 8.9 13.3

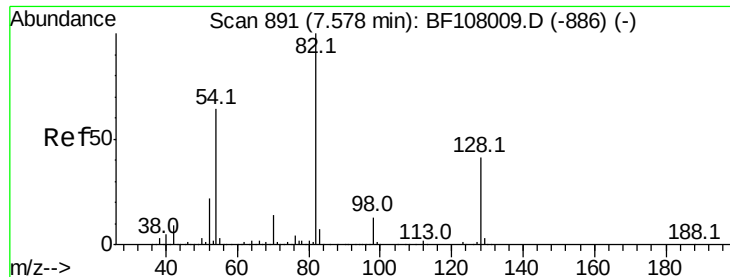
54 9.4 6.6 9.8

68 5.7 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
1200000 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: 86.088 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108184.D

Acq: 15 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS005-01

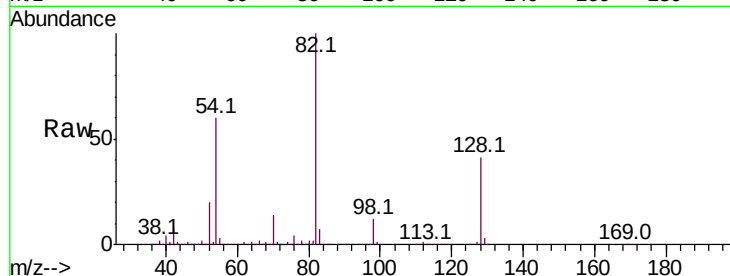
Tot Ion: 82 Resp: 1132194

Ion Ratio Lower Upper

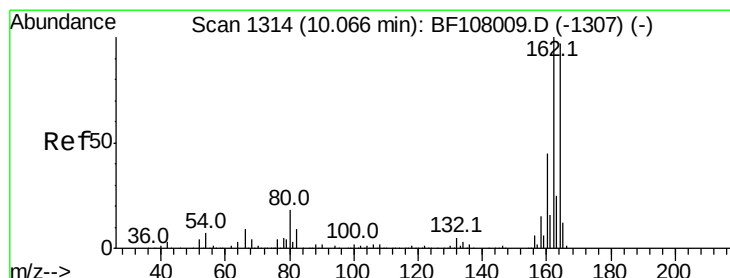
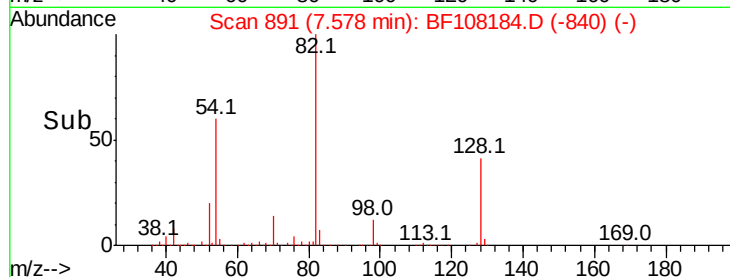
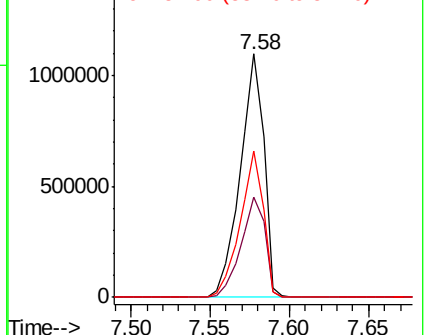
82 100

128 41.0 36.1 54.1

54 60.1 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: BF108184.D

Acq: 15 Aug 2018 23:51

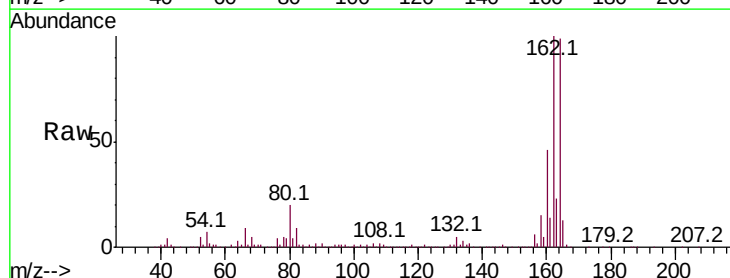
Tgt Ion:164 Resp: 346675

Ion Ratio Lower Upper

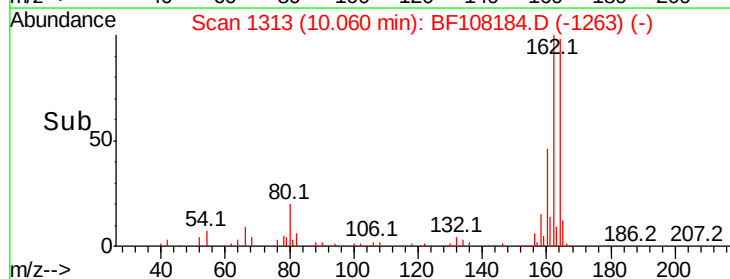
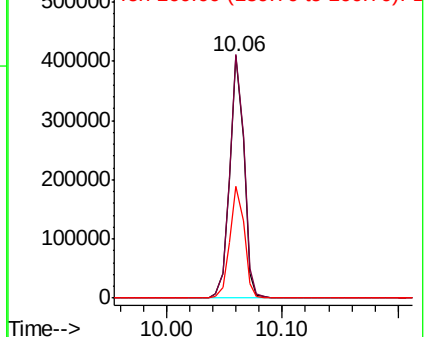
164 100

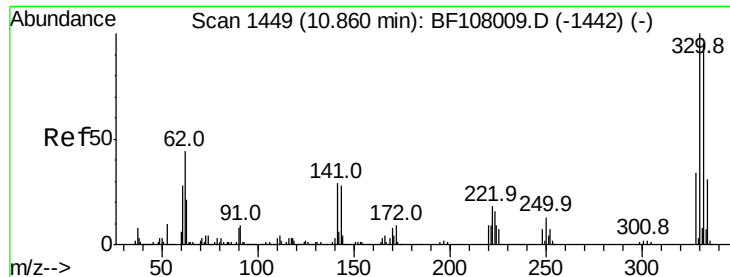
162 100.7 86.1 129.1

160 46.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

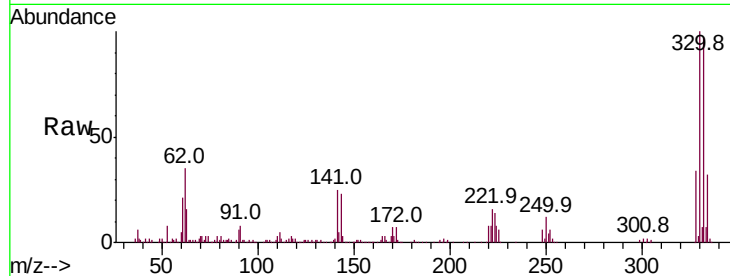




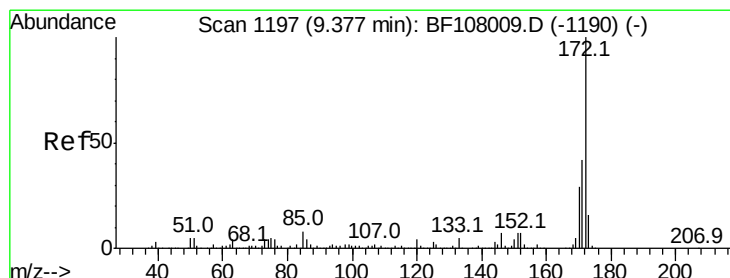
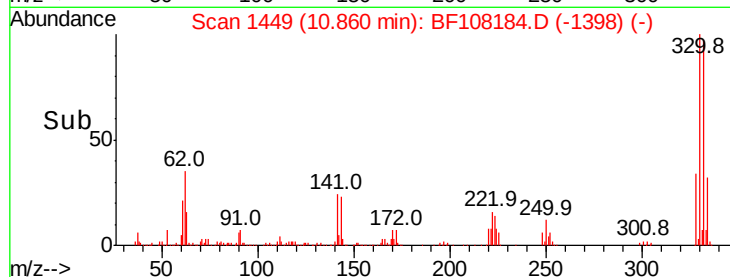
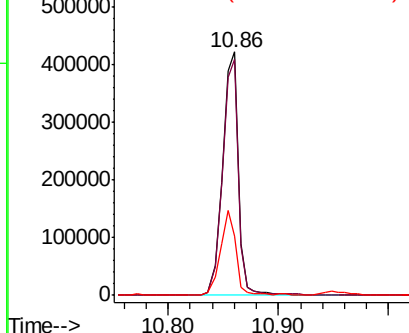
#41
 2,4,6-Tribromophenol
 Concen: 122.690 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108184.D
 Acq: 15 Aug 2018 23:51

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS005-01

Tot Ion:330 Resp: 424260
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.2 29.9 44.9

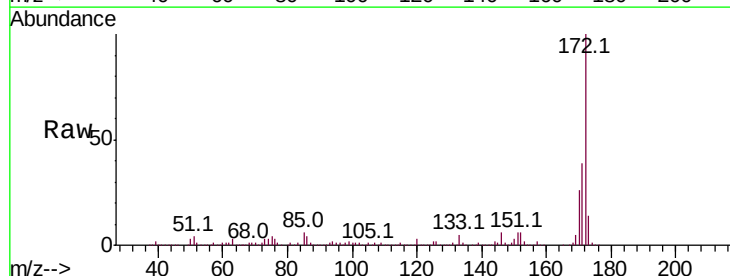


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

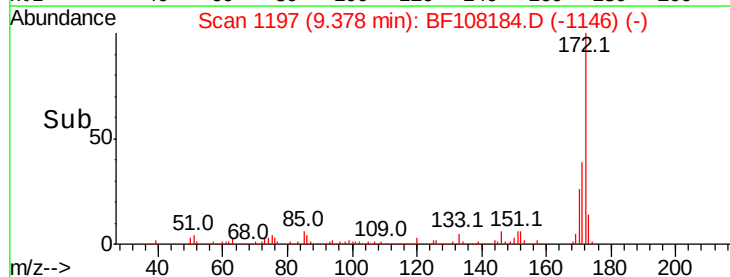
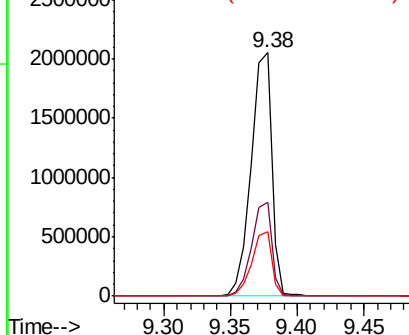


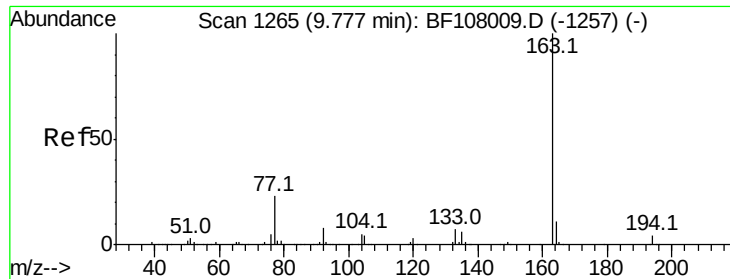
#44
 2-Fluorobiphenyl
 Concen: 100.828 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108184.D
 Acq: 15 Aug 2018 23:51

Tgt Ion:172 Resp: 2177207
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 26.3 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: 3.142 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108184.D

Acq: 15 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS005-01

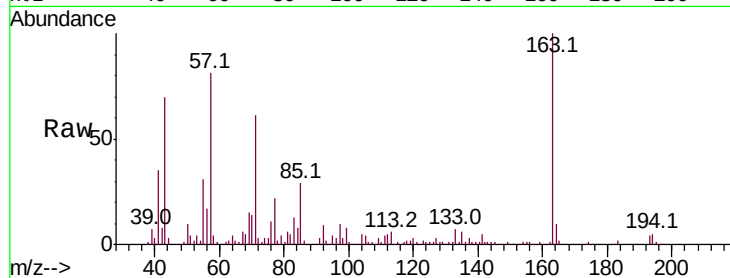
Tot Ion:163 Resp: 75873

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

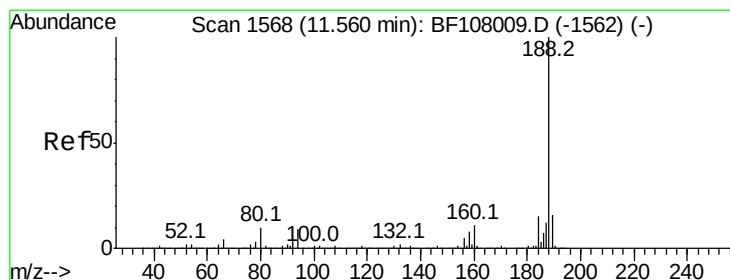
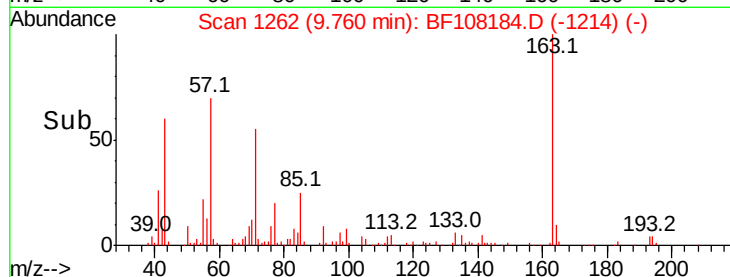
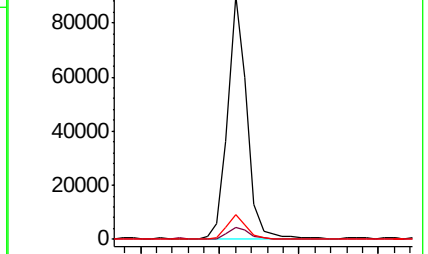
164 10.0 8.2 12.2



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: BF108184.D

Acq: 15 Aug 2018 23:51

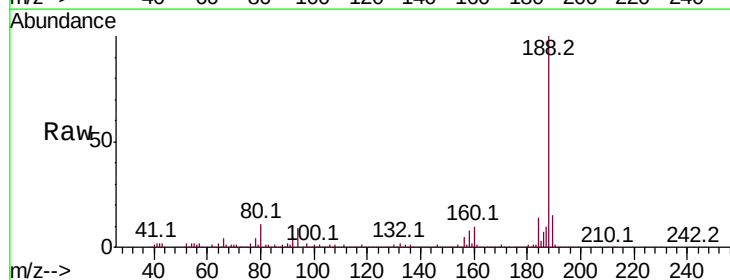
Tgt Ion:188 Resp: 566524

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

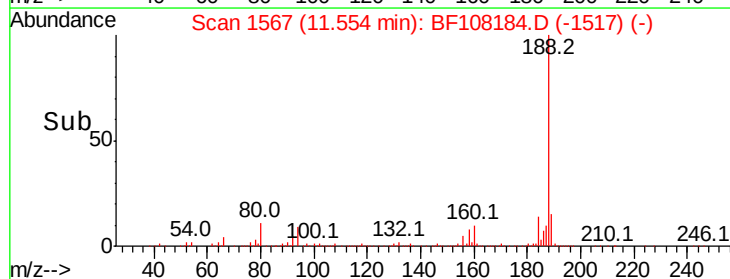
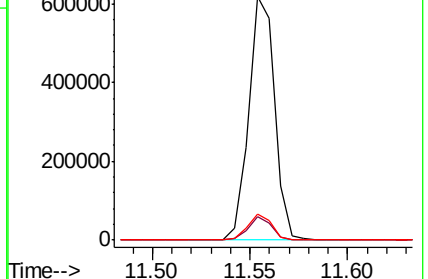
80 10.7 9.2 13.8

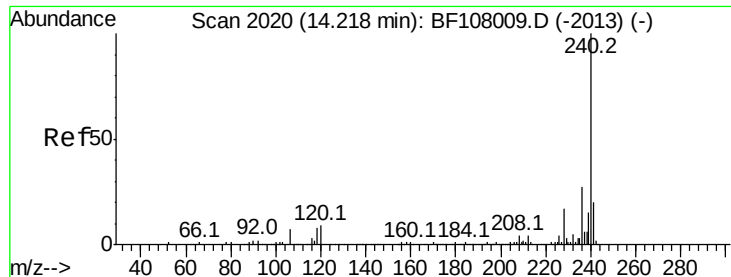


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108184.D

Acq: 15 Aug 2018 23:51

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS005-01

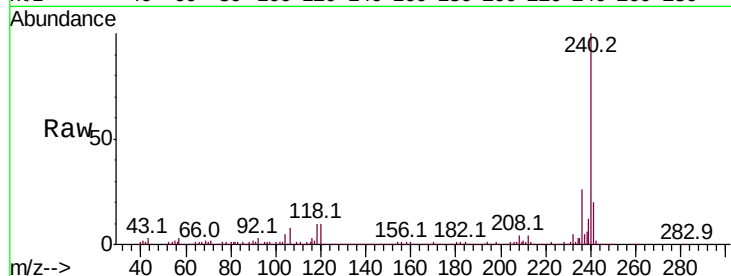
Tot Ion:240 Resp: 399944

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

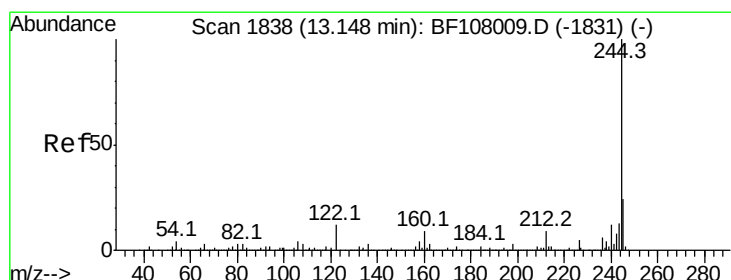
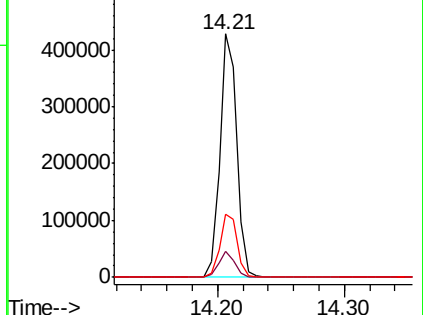
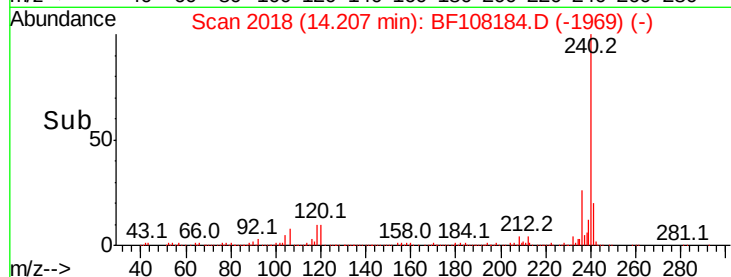
236 26.1 20.7 31.1



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: 119.111 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108184.D

Acq: 15 Aug 2018 23:51

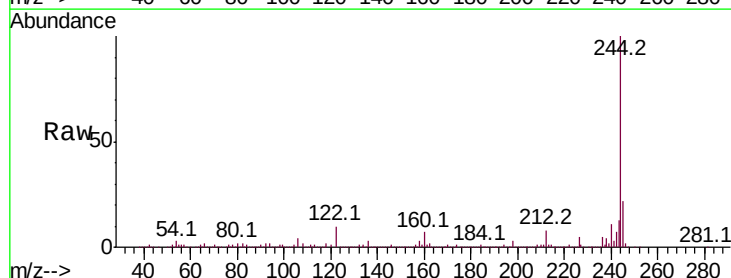
Tgt Ion:244 Resp: 1873601

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

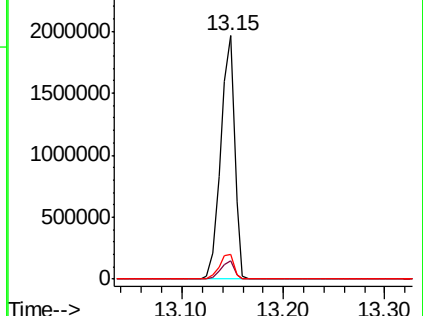
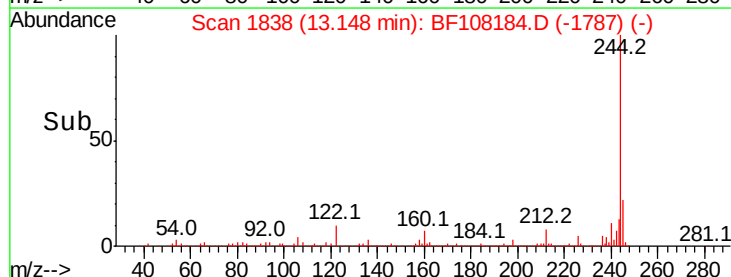
122 10.1 11.0 16.4#

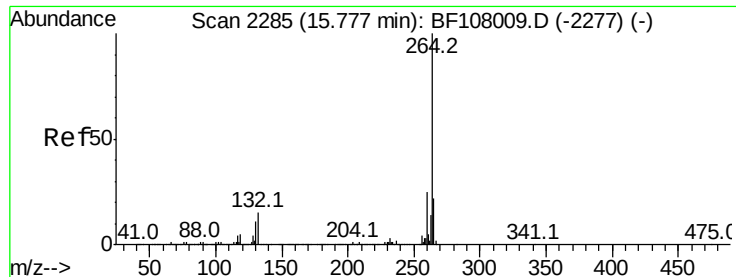


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108184.D
Acq: 15 Aug 2018 23:51

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS005-01

Tot Ion:	264	Resp:	399974
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3

