

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 03:59:41 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

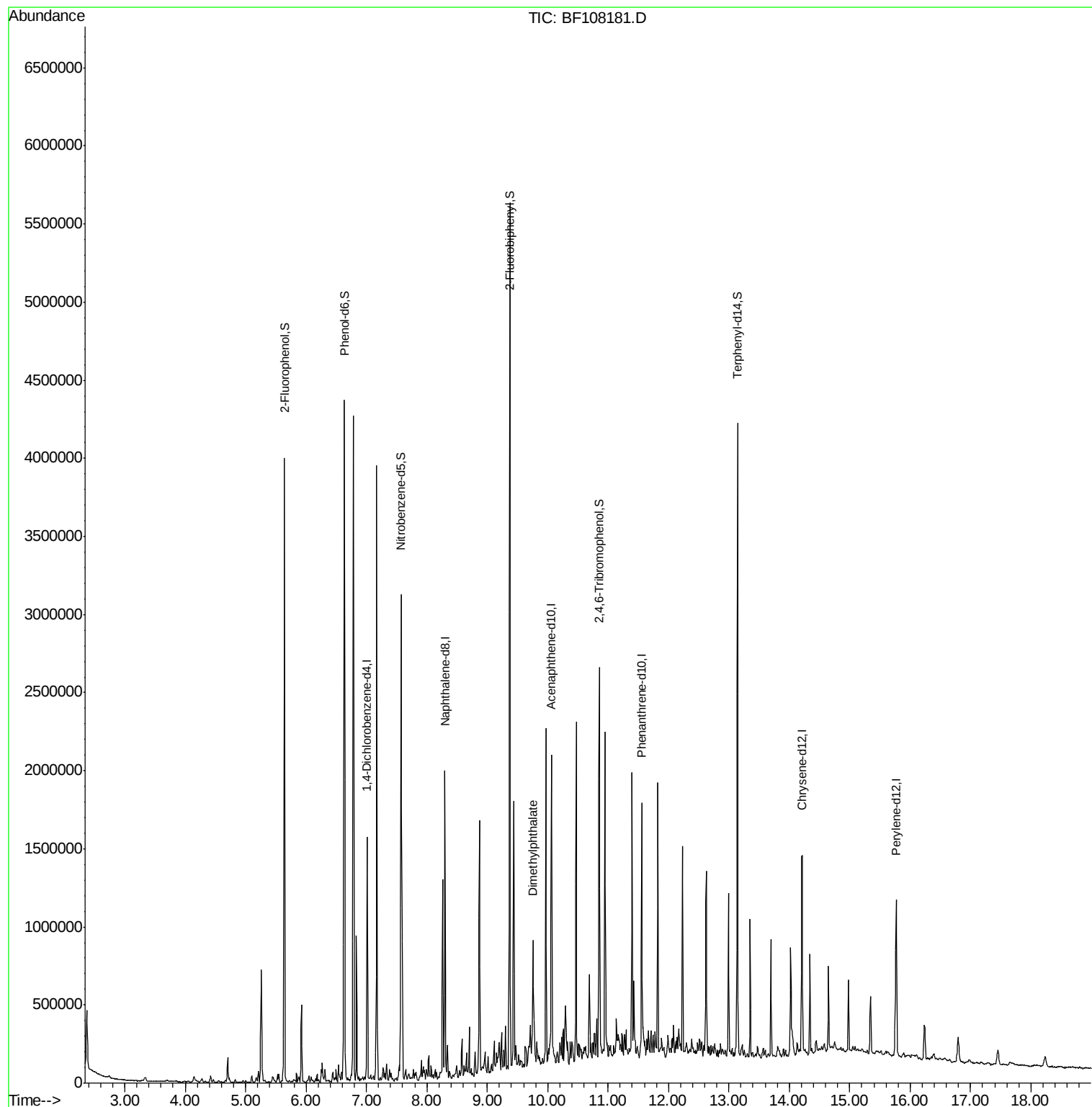
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	211330	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	806385	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	379809	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	617642	20.00	ng	0.00
75) Chrysene-d12	14.21	240	460694	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						
49) Dimethylphthalate	9.76	163	110492	4.176	ng	Qvalue # 98

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

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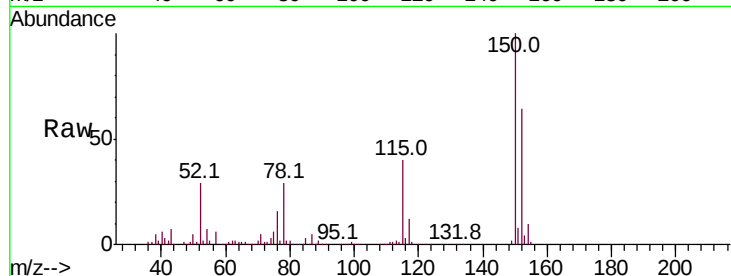


#1

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

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.0	50.1	75.1

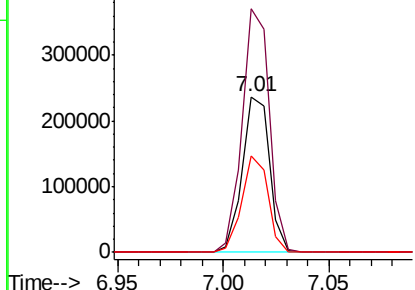
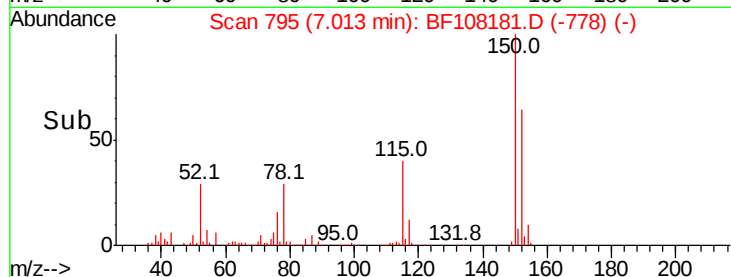


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

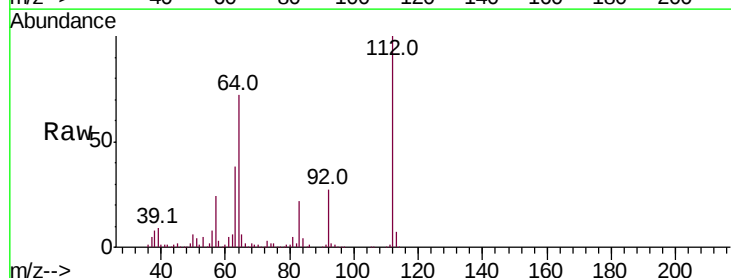
Ion 115.00 (114.70 to 115.70): E



#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

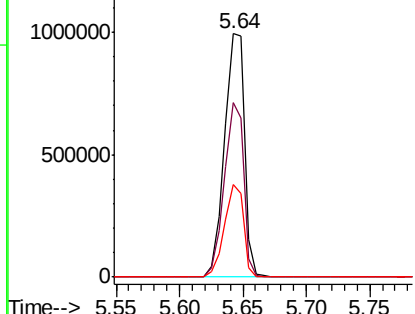
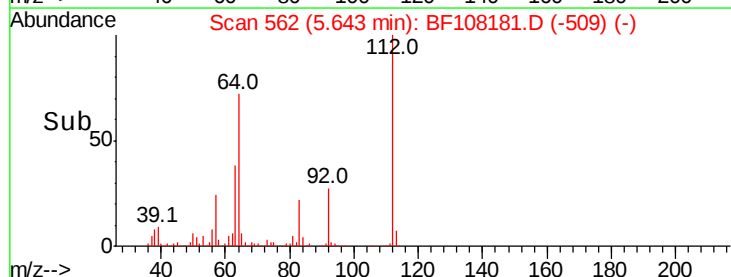


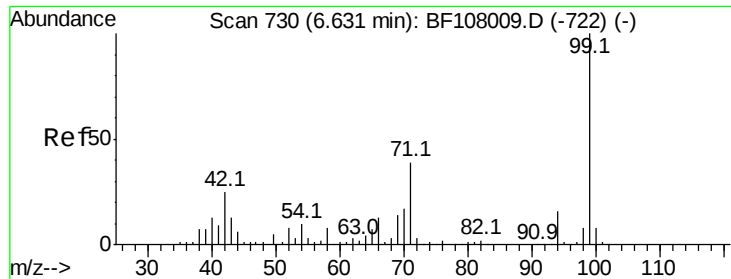
Abundance

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 :

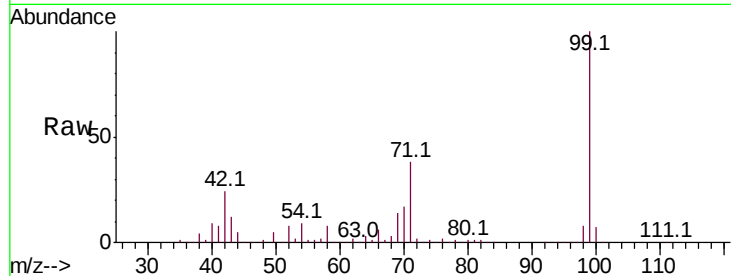
BNA_F

ClientSampleId :

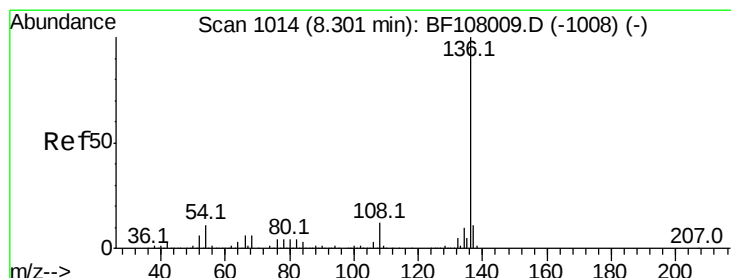
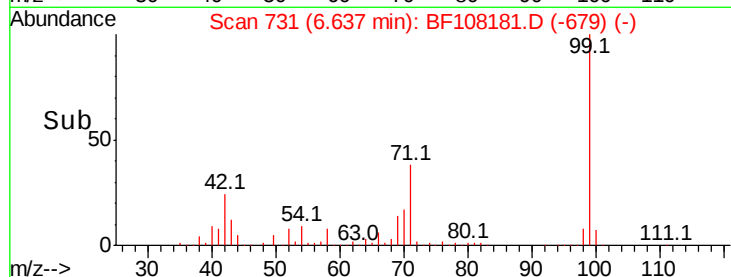
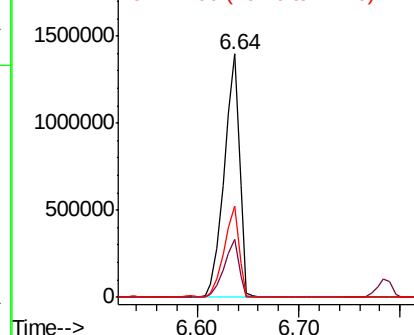
NFB-BF-SS002-01

Tot 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

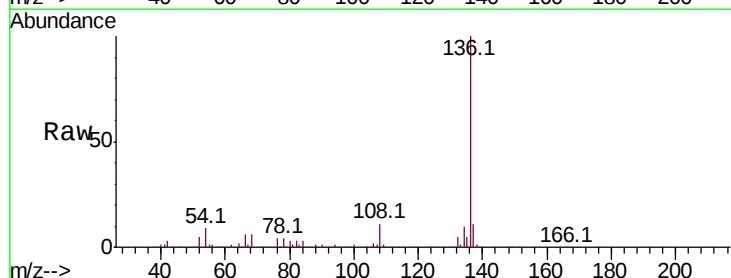
Delta R.T. 0.00 min

Lab File: BF108181.D

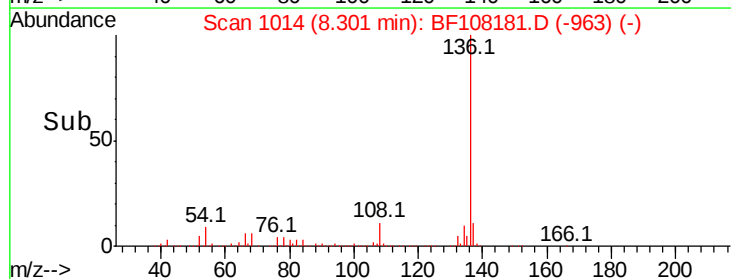
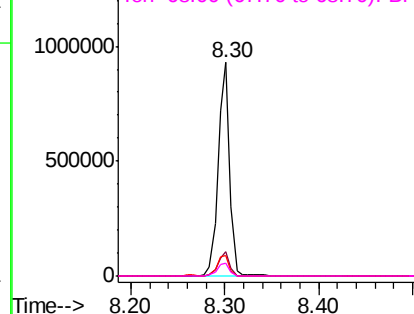
Acq: 15 Aug 2018 22:29

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

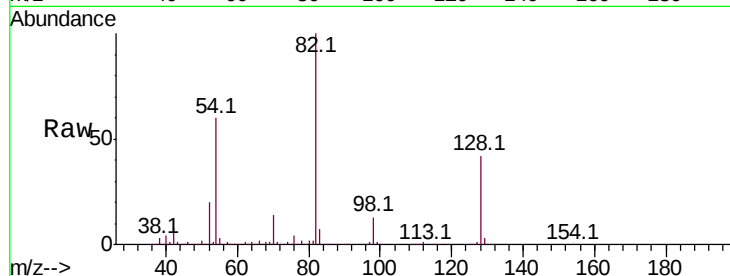




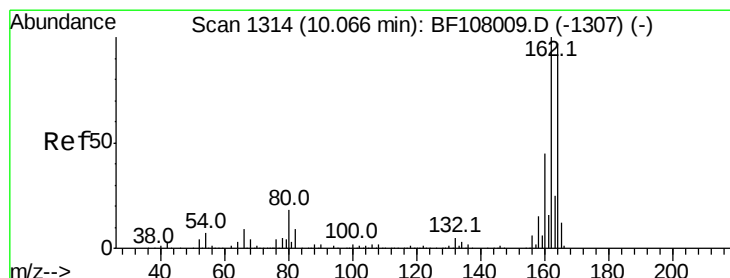
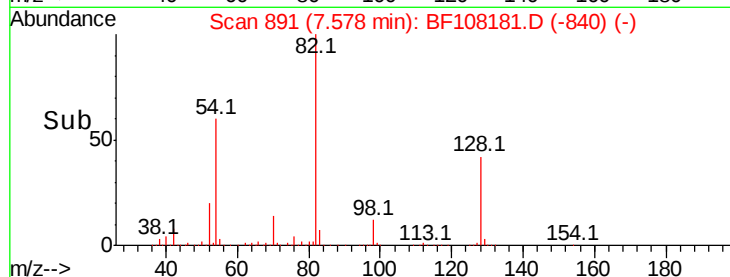
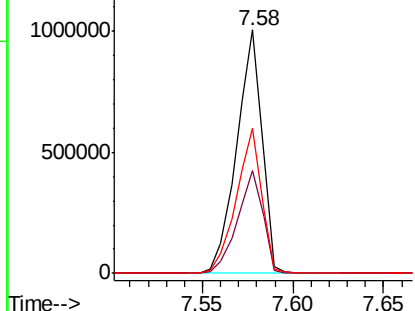
#23
 Nitrobenzene-d5
 Concen: 67.528 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

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

Tot Ion: 82 Resp: 975840
 Ion Ratio Lower Upper
 82 100
 128 42.0 36.1 54.1
 54 59.7 41.4 62.2

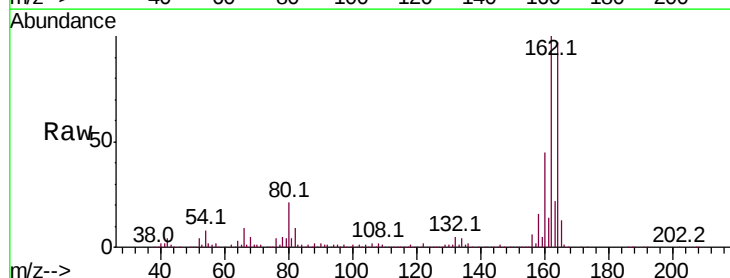


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

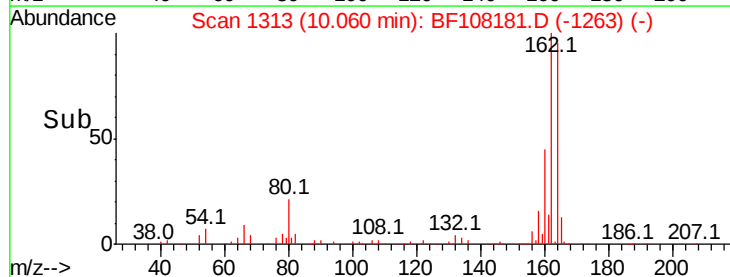
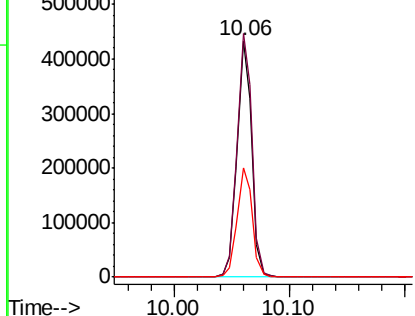


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

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

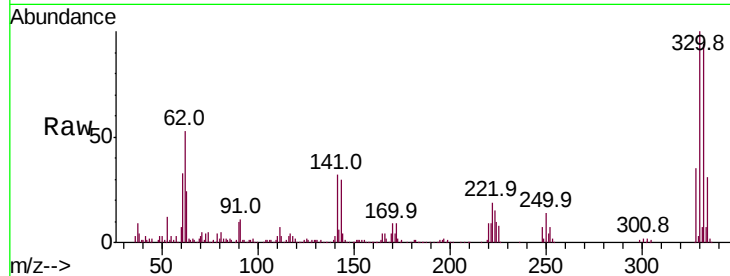




#41
 2,4,6-Tribromophenol
 Concen: 74.906 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.4	29.9	44.9

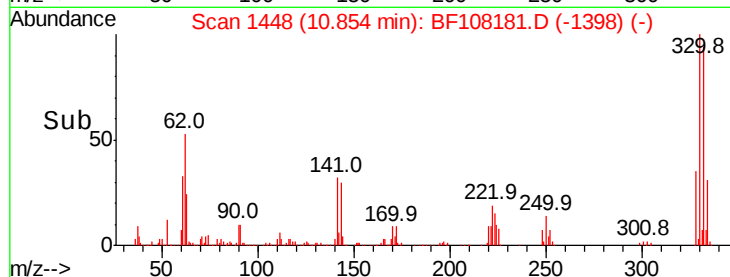
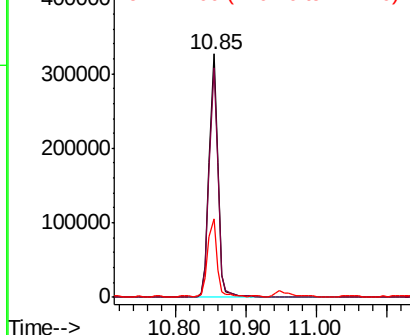


Abundance

Ion 329.80 (329.50 to 330.50): E

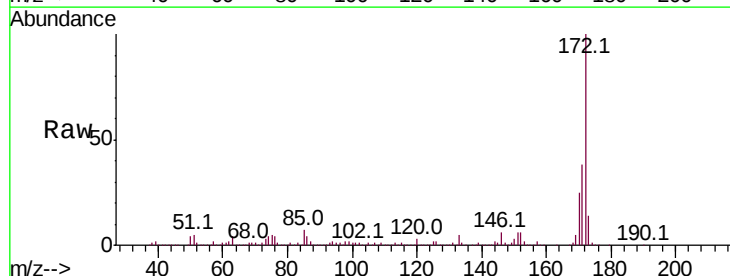
Ion 331.80 (331.50 to 332.50): E

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.2	19.6	29.4

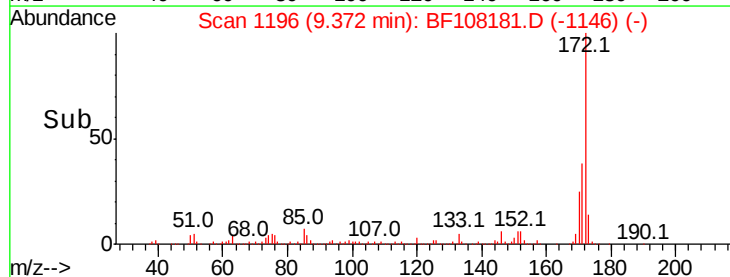
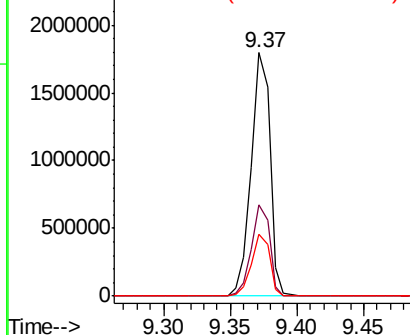


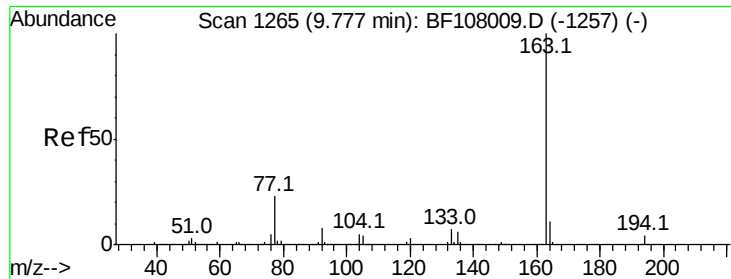
Abundance

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

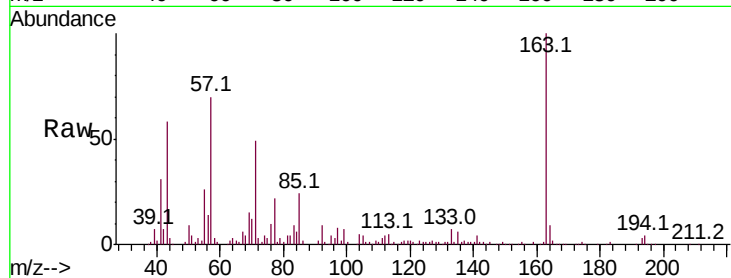




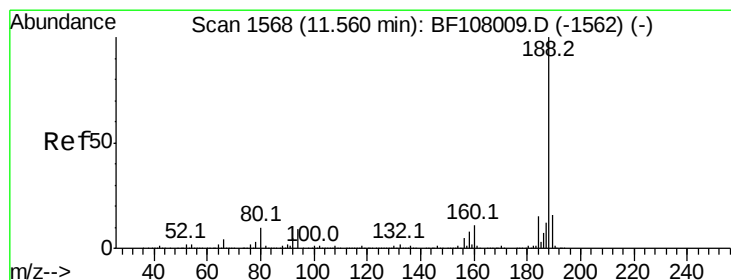
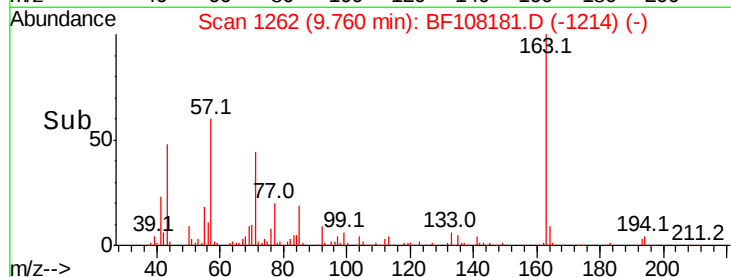
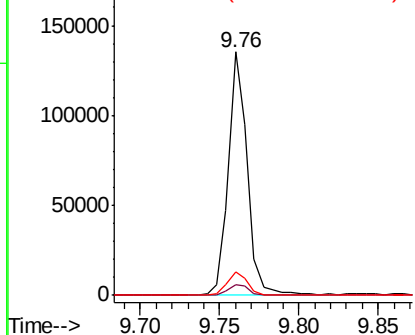
#49
 Dimethylphthalate
 Concen: 4.176 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

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

Tot Ion:163	Resp:	110492
Ion Ratio	Lower	Upper
163	100	
194	4.2	2.7 4.1#
164	9.5	8.2 12.2

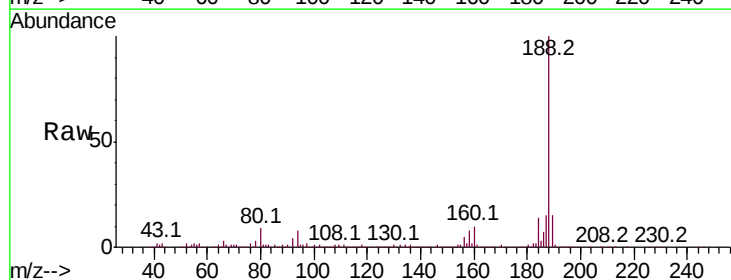


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

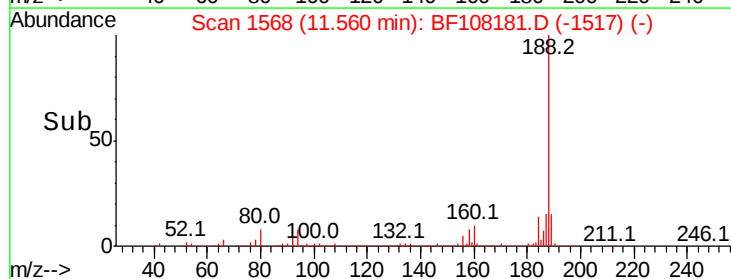
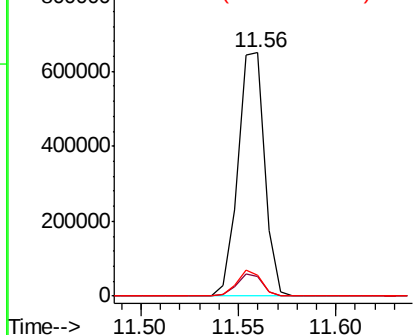


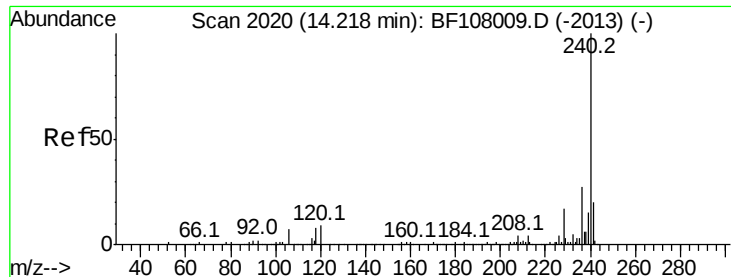
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108181.D
 Acq: 15 Aug 2018 22:29

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#



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# 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

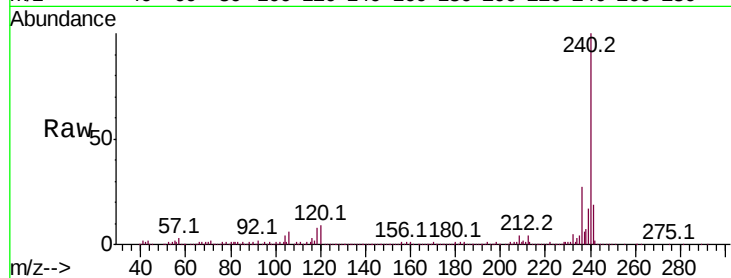
Tot Ion:240 Resp: 460694

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

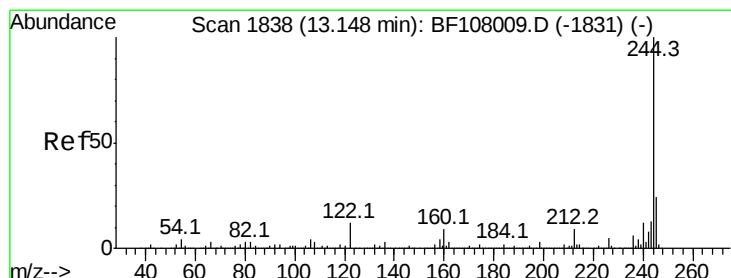
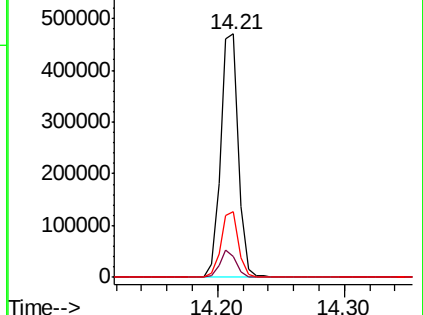
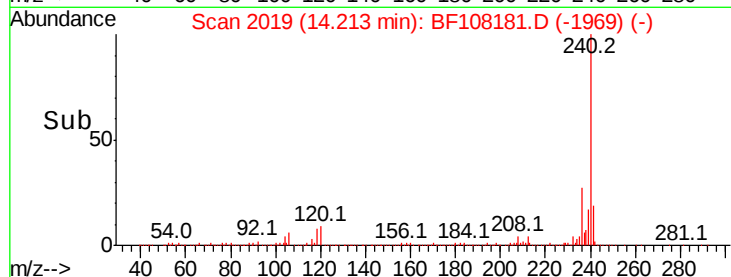
236 27.1 20.7 31.1



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

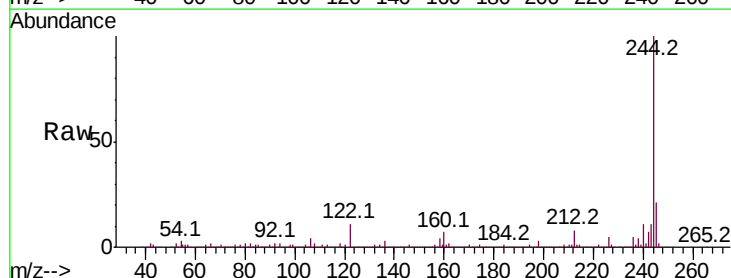
Tgt Ion:244 Resp: 1321161

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

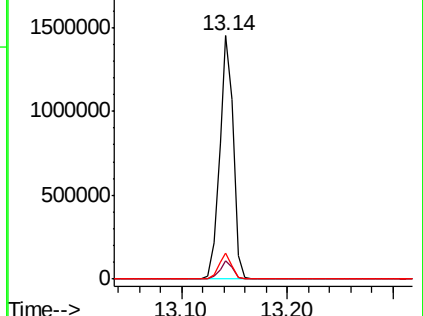
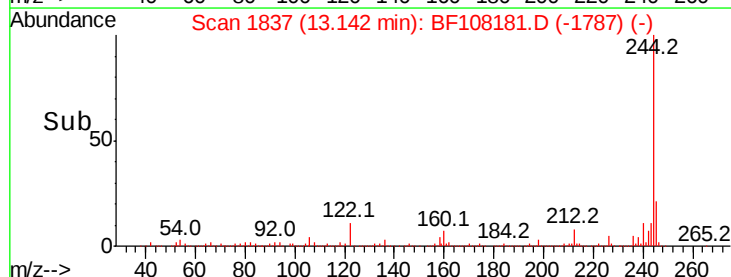
122 10.6 11.0 16.4#

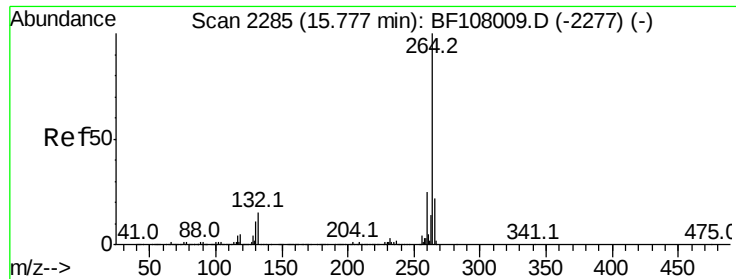


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

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

