

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110711.D
 Acq On : 13 Nov 2018 9:00
 Operator : JU/SJ
 Sample : J5904-22
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 10:38:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

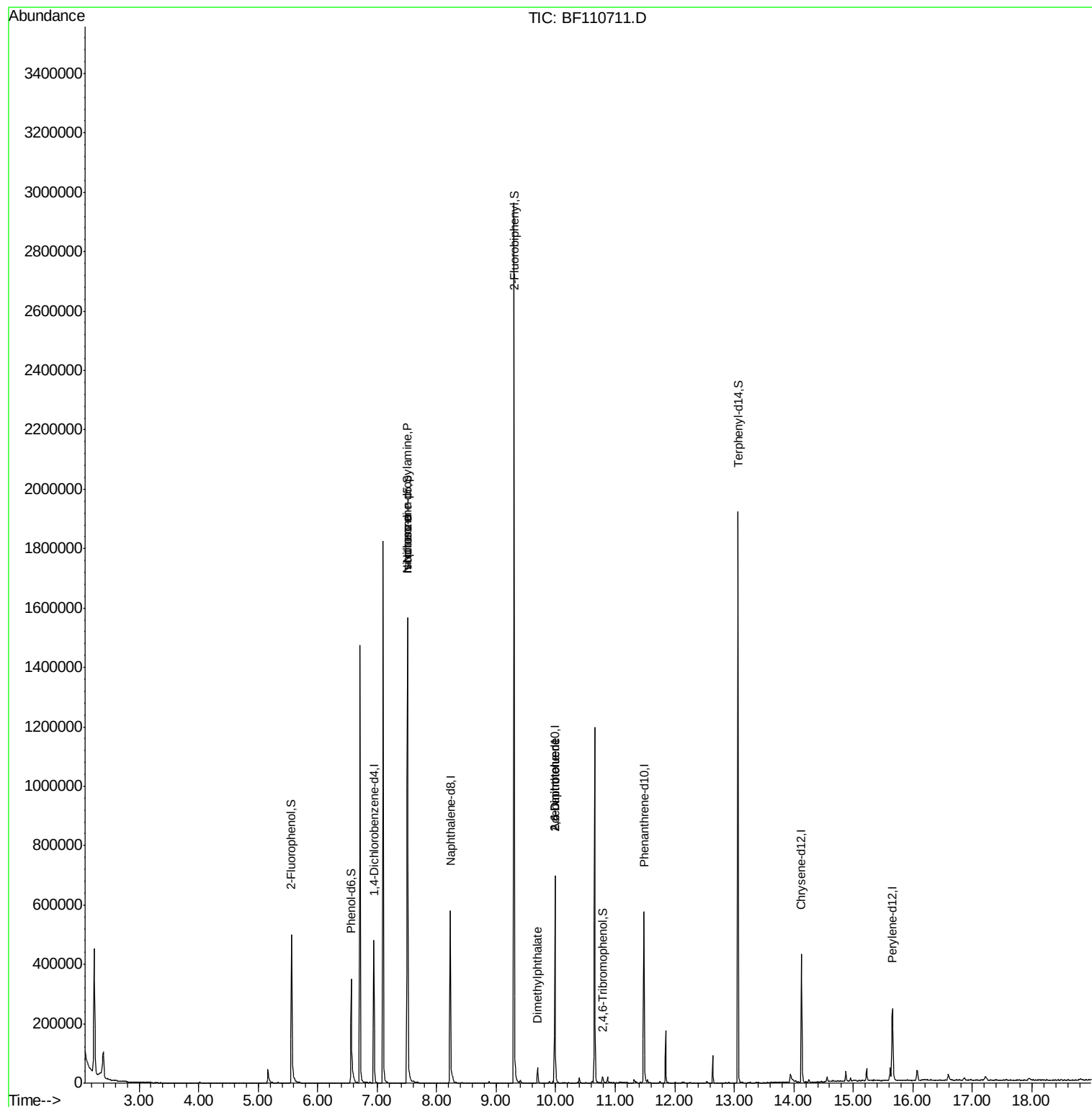
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78974	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	328565	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	149006	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	245993	20.00	ng	0.00
76) Chrysene-d12	14.13	240	161772	20.00	ng	-0.01
87) Perylene-d12	15.66	264	129519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	179818	36.98	ng	0.00
7) Phenol-d6	6.56	99	140227	22.55	ng	-0.01
23) Nitrobenzene-d5	7.51	82	508806	89.18	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	4345	2.89	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	929075	89.05	ng	0.00
79) Terphenyl-d14	13.06	244	639213	74.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	66606	16.783	ng	# 81
25) Isophorone	7.51	82	508804	54.412	ng	# 67
50) Dimethylphthalate	9.69	163	25670	2.309	ng	98
51) 2,6-Dinitrotoluene	9.99	165	18690	7.642	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	18690	5.877	ng	# 18

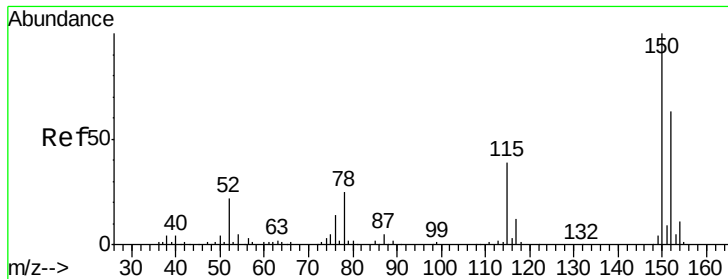
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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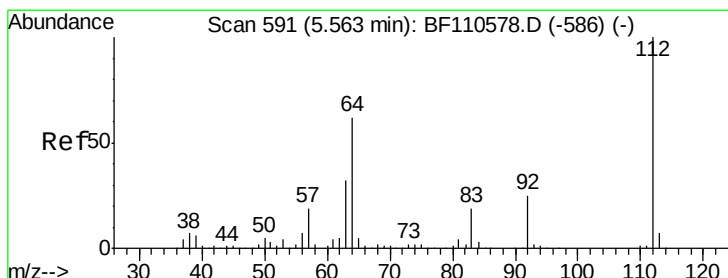
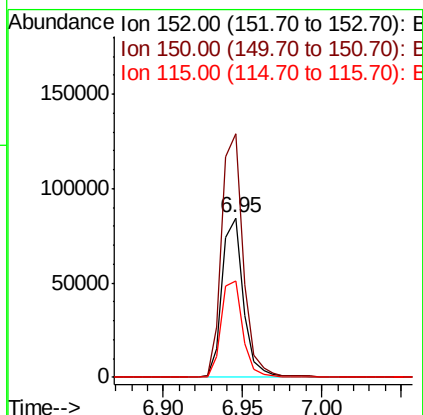
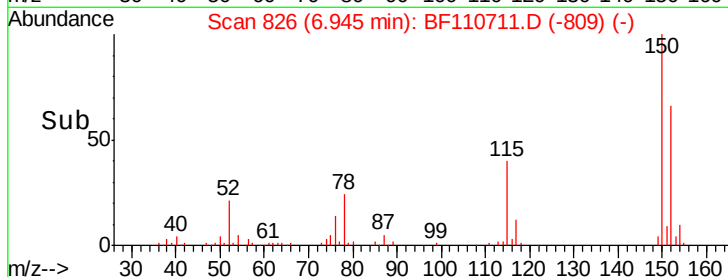
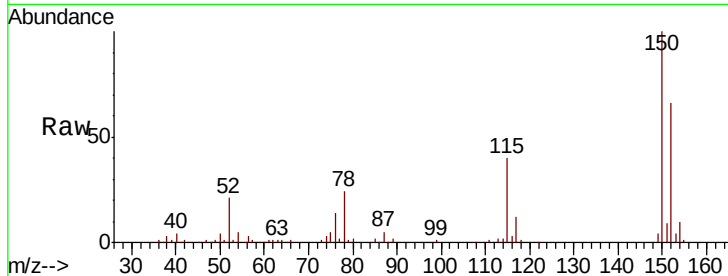


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110711.D
Acq: 13 Nov 2018 9:00

Instrument :
BNA_F
ClientSampleId :

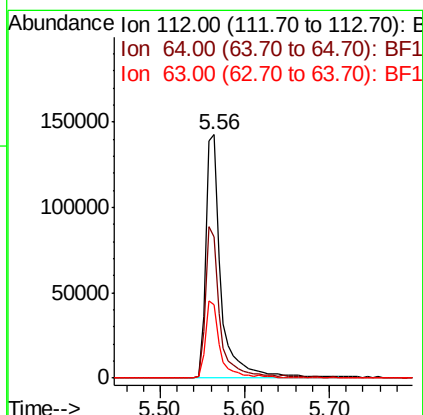
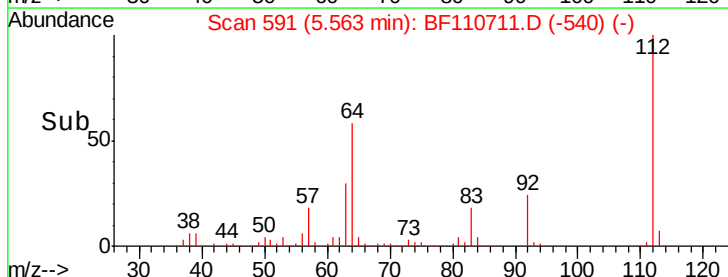
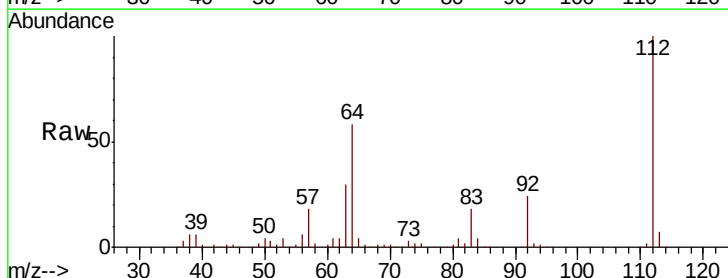
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.7	184.1
115	60.7	49.1	73.7

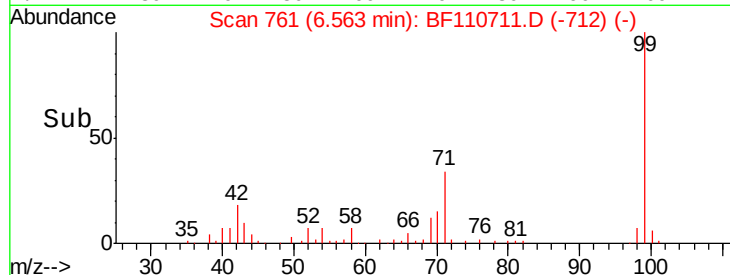
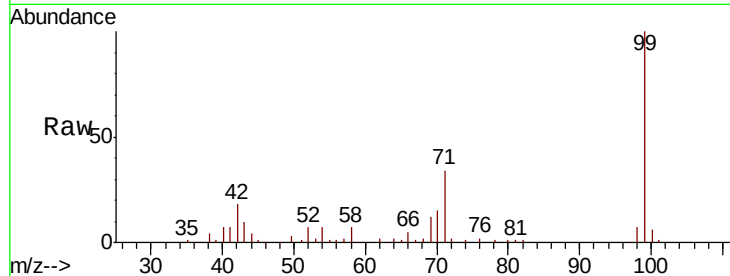
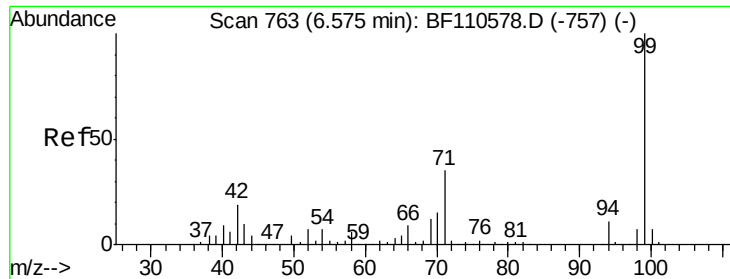


#5

2-Fluorophenol
Concen: 36.984 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110711.D
Acq: 13 Nov 2018 9:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 22.554 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

Tot Ion: 99 Resp: 140227

Ion Ratio Lower Upper

99 100

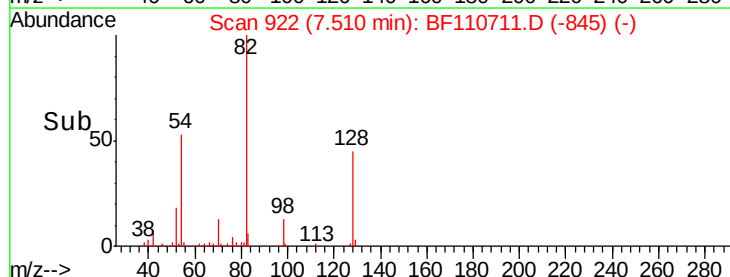
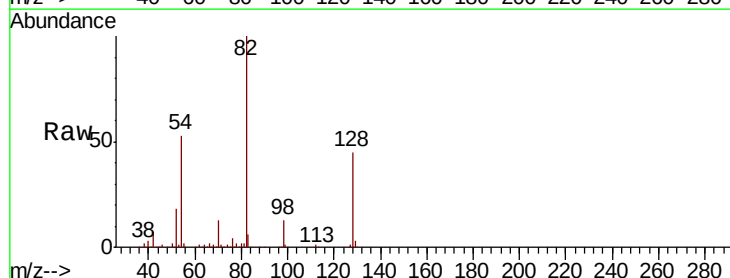
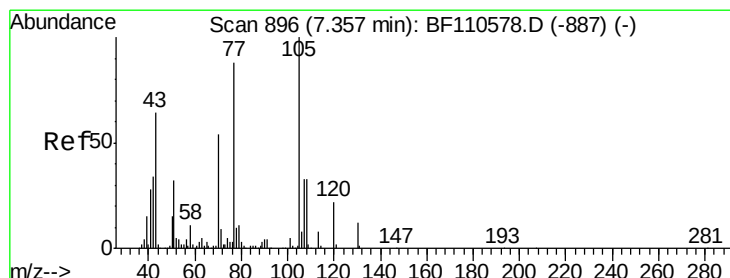
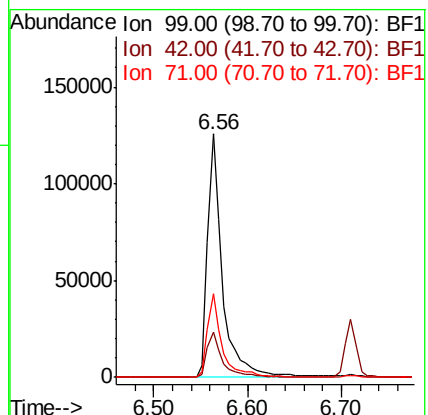
42 18.4 15.8 23.6

71 34.4 28.0 42.0

Instrument :

BNA_F

ClientSampleId :



#19

n-Nitroso-di-n-propylamine

Concen: 16.783 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

Tgt Ion: 70 Resp: 66606

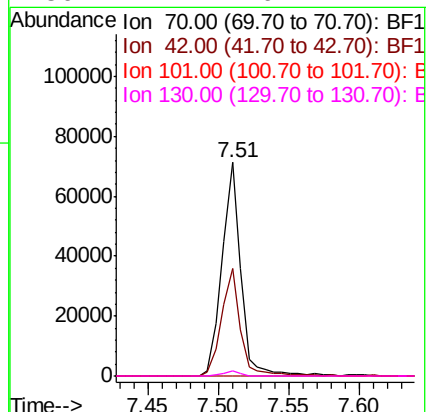
Ion Ratio Lower Upper

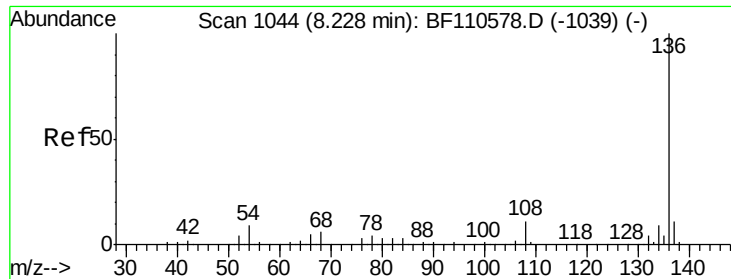
70 100

42 50.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 328565

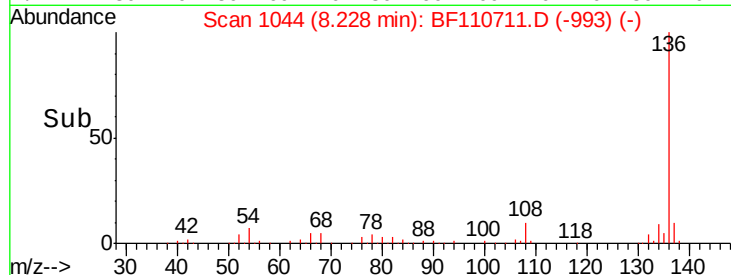
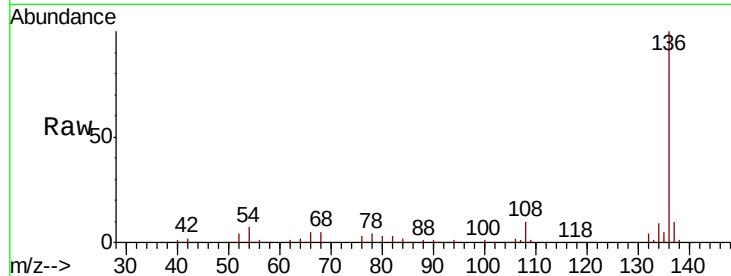
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.4 5.4 8.2

68 5.1 4.2 6.2

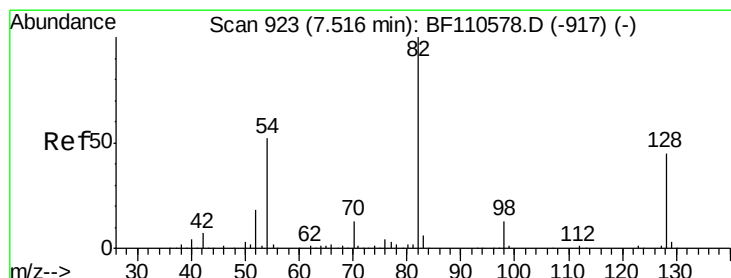
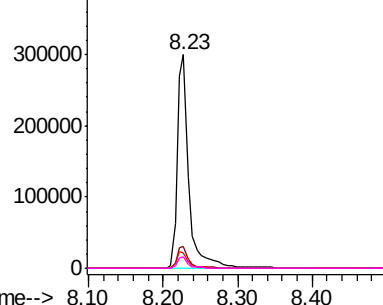


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.181 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

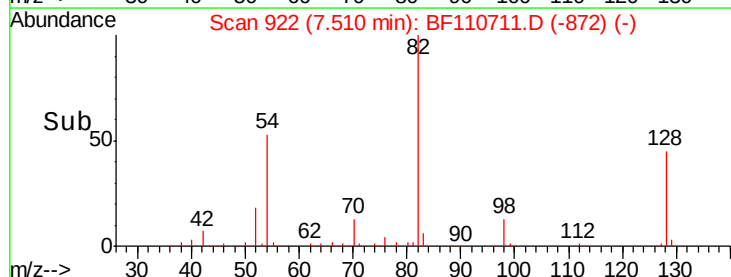
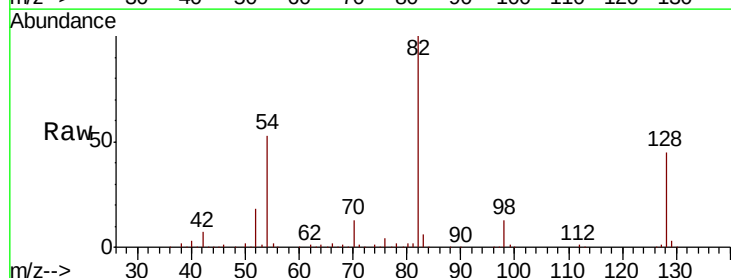
Tgt Ion: 82 Resp: 508806

Ion Ratio Lower Upper

82 100

128 44.8 34.2 51.2

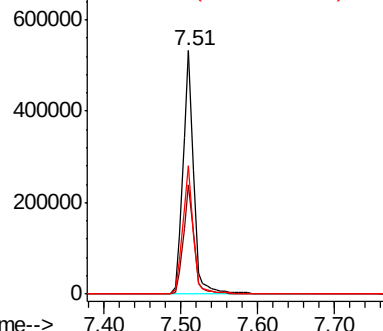
54 53.0 38.6 58.0

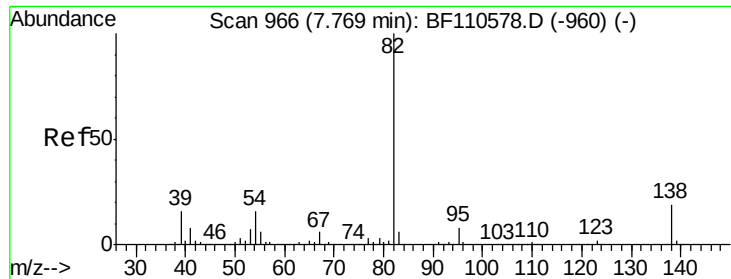


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 54.412 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

Instrument :

BNA_F

ClientSampleId :

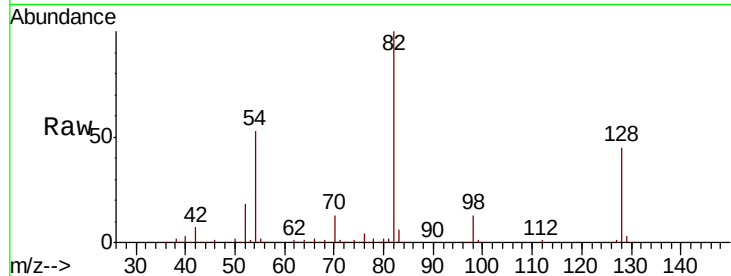
Tot Ion: 82 Resp: 508804

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

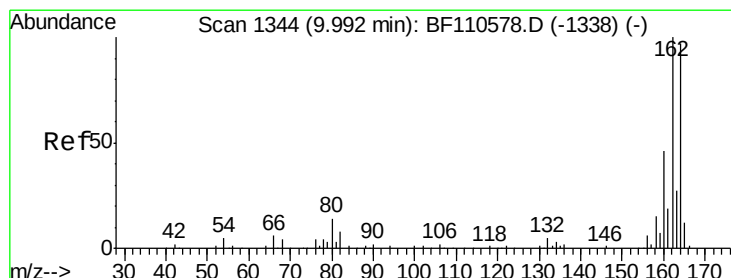
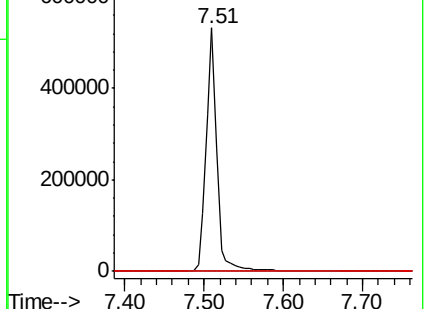
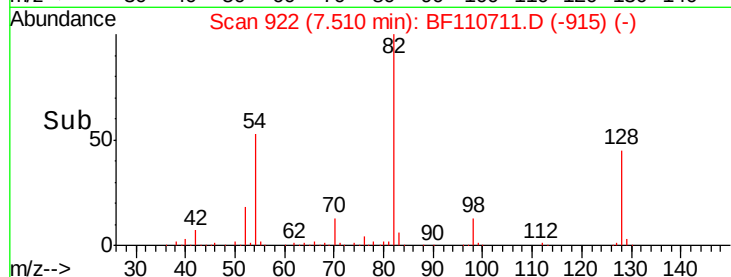
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

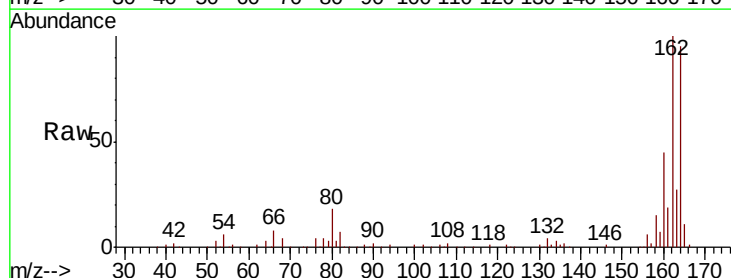
Tgt Ion: 164 Resp: 149006

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

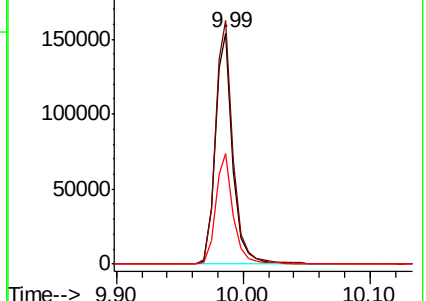
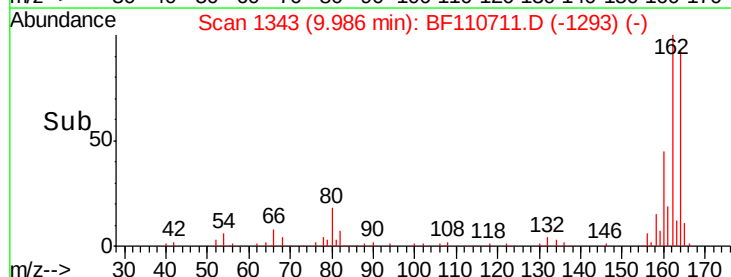
160 47.6 37.0 55.6

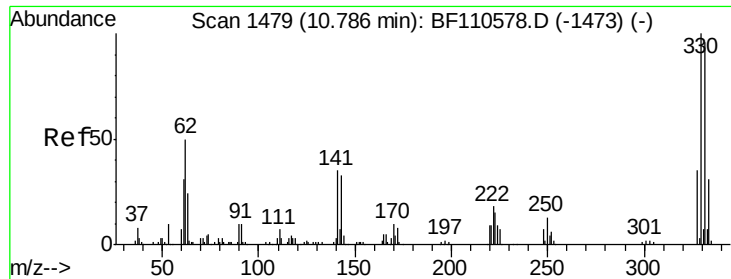


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 2.894 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

Instrument :

BNA_F

ClientSampleId :

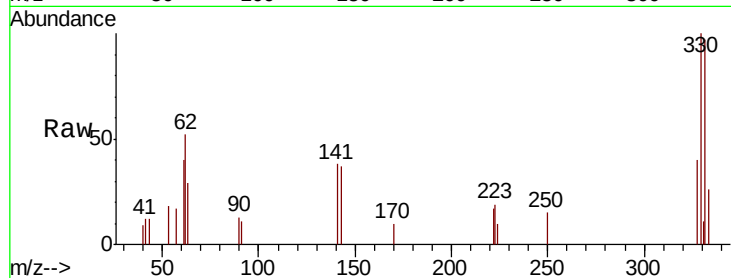
Tot Ion:330 Resp: 4345

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

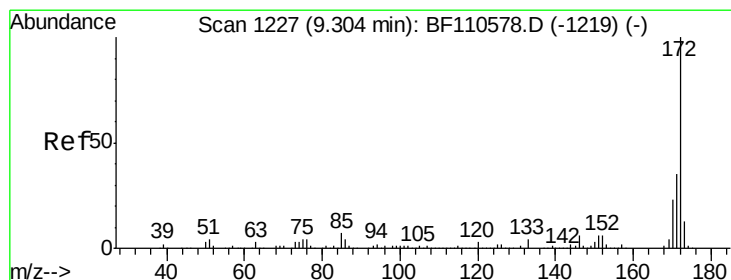
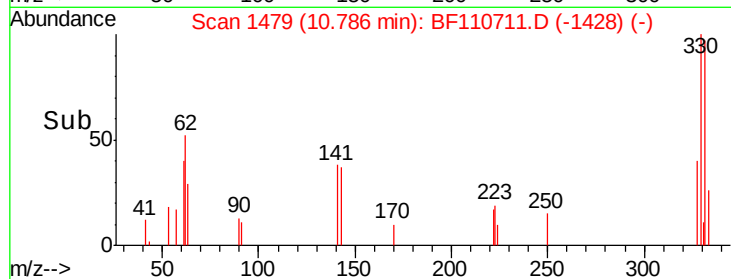
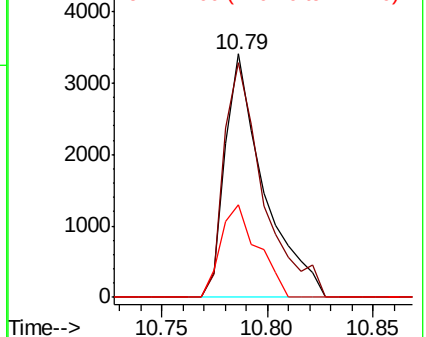
141 36.6 27.0 40.4



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



#45

2-Fluorobiphenyl

Concen: 89.049 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110711.D

Acq: 13 Nov 2018 9:00

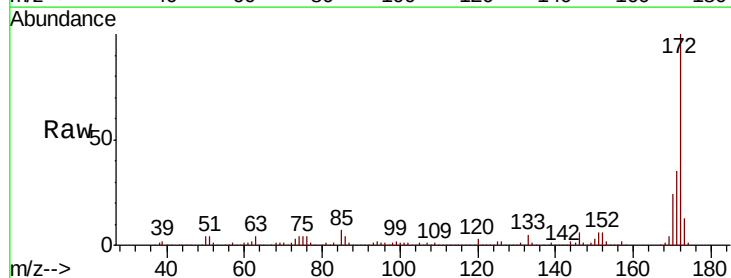
Tgt Ion:172 Resp: 929075

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

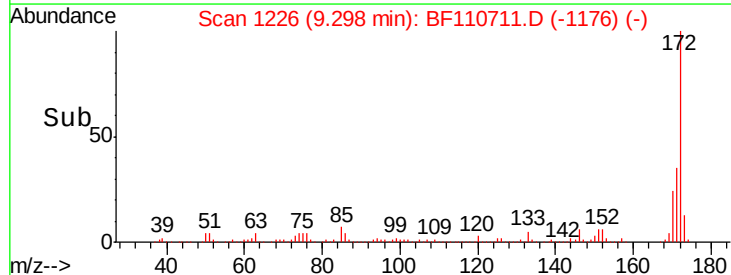
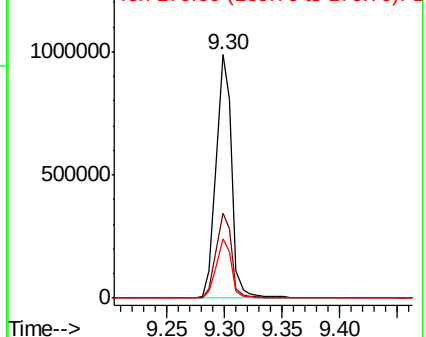
170 24.2 19.7 29.5

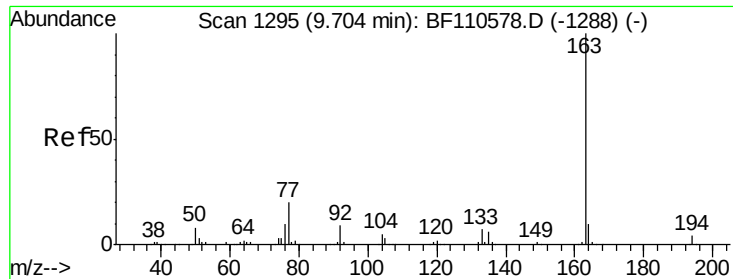


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

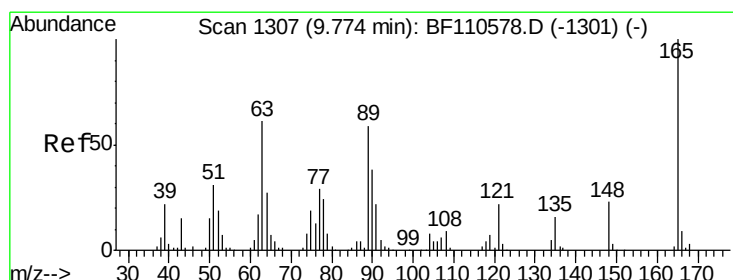
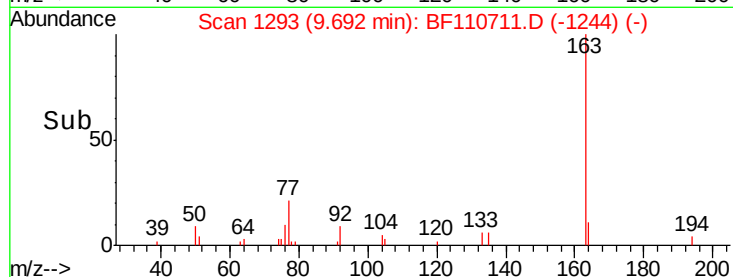
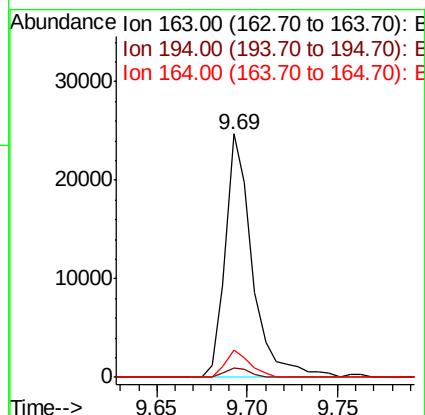
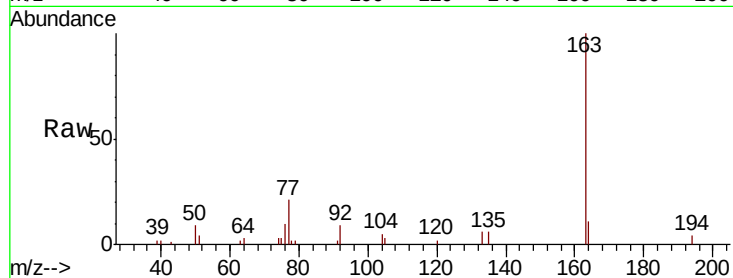




#50
Dimethylphthalate
Concen: 2.309 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110711.D
Acq: 13 Nov 2018 9:00

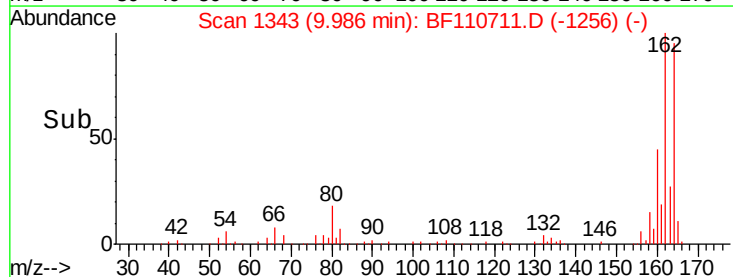
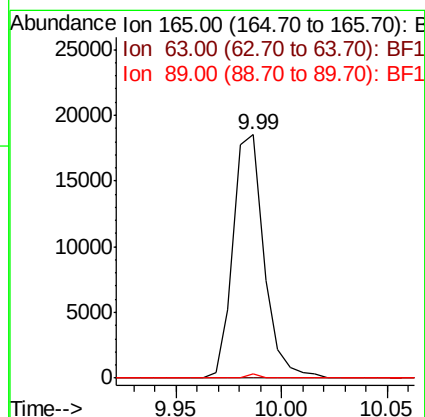
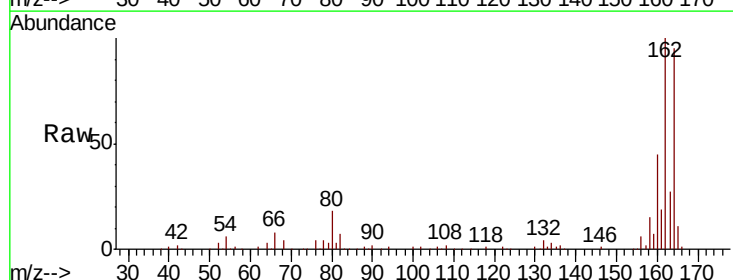
Instrument :
BNA_F
ClientSampleId :

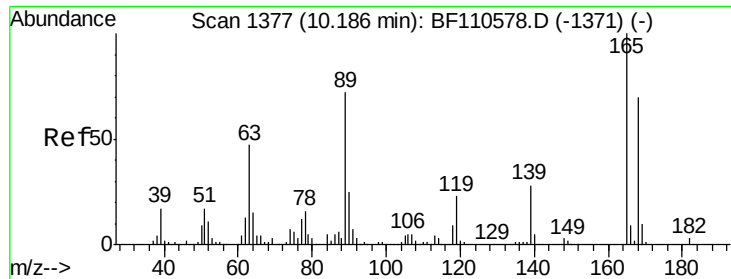
Tot Ion:163 Resp: 25670
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 11.2 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.642 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110711.D
Acq: 13 Nov 2018 9:00

Tgt Ion:165 Resp: 18690
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.8 46.6 69.8#

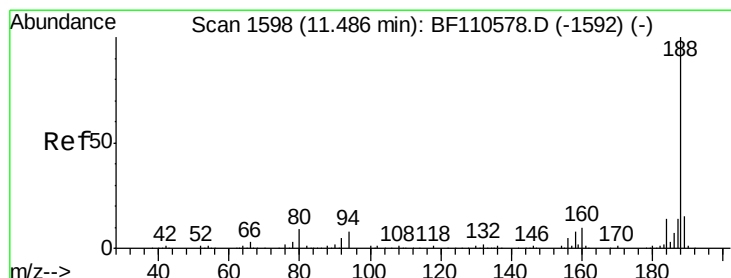
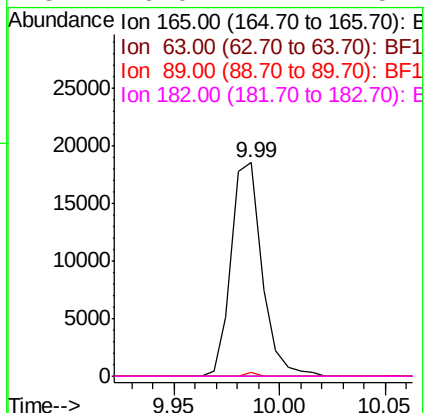
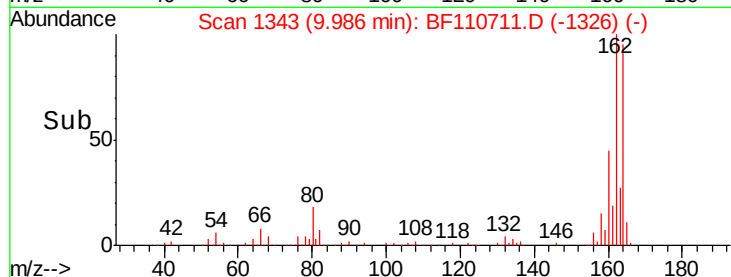
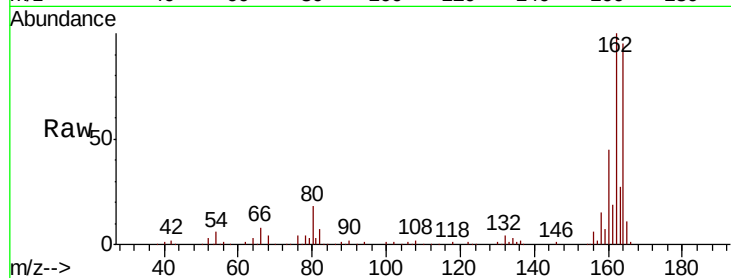




#57
 2,4-Dinitrotoluene
 Concen: 5.877 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110711.D
 Acq: 13 Nov 2018 9:00

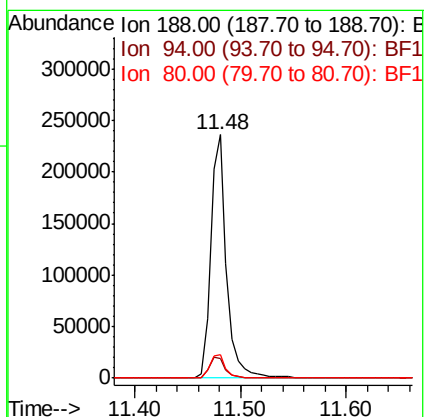
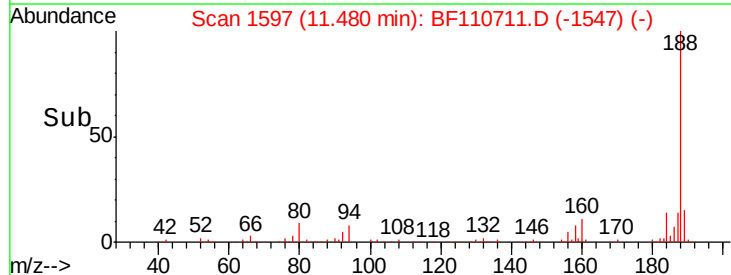
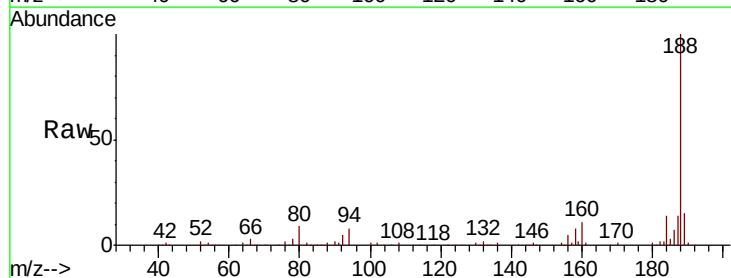
Instrument :
 BNA_F
 ClientSampled :

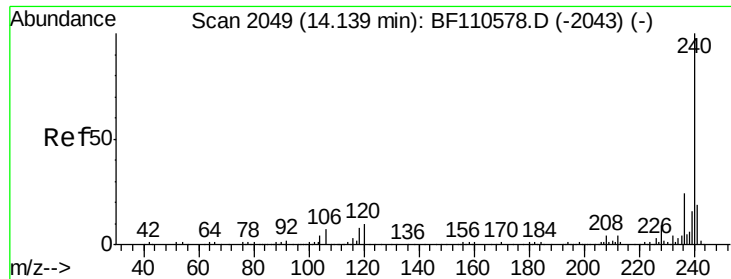
Tot Ion:165	Resp:	18690
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.8	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110711.D
 Acq: 13 Nov 2018 9:00

Tgt Ion:188	Resp:	245993
Ion Ratio	Lower	Upper
188	100	
94	8.2	7.2 10.8
80	9.4	7.9 11.9

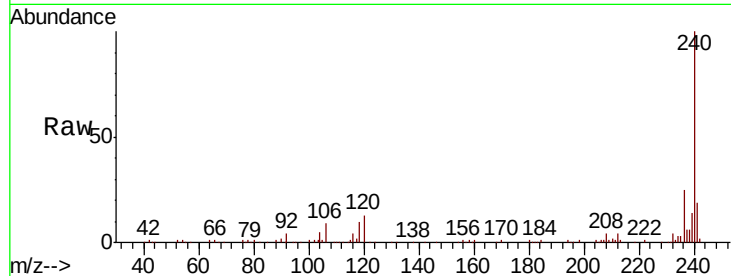




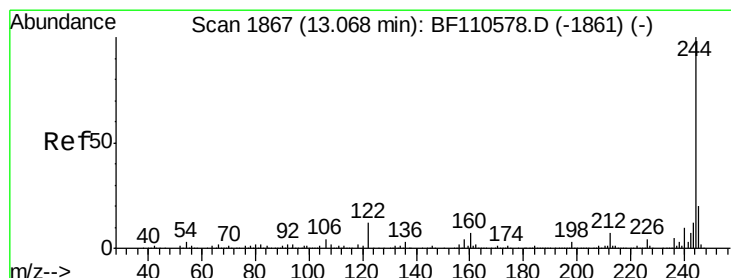
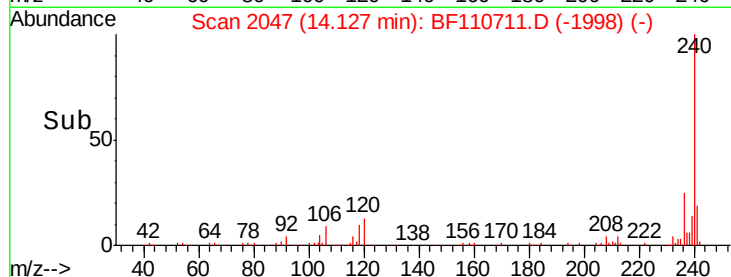
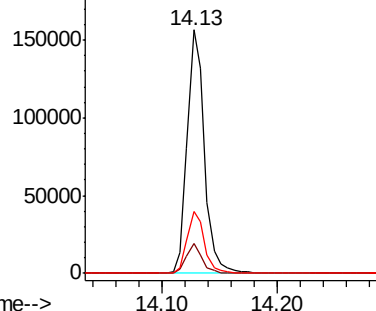
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110711.D
Acq: 13 Nov 2018 9:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 161772
Ion Ratio Lower Upper
240 100
120 12.5 8.3 12.5#
236 25.5 21.2 31.8

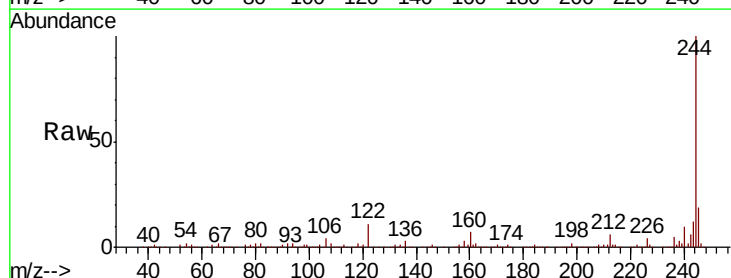


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

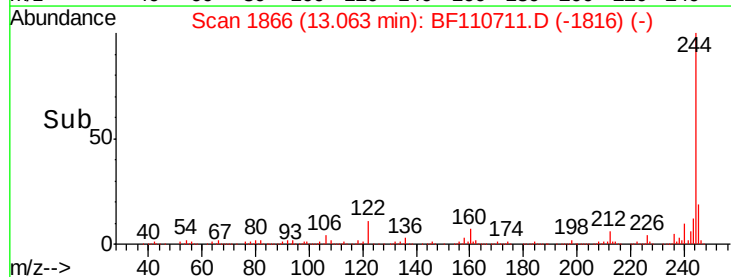
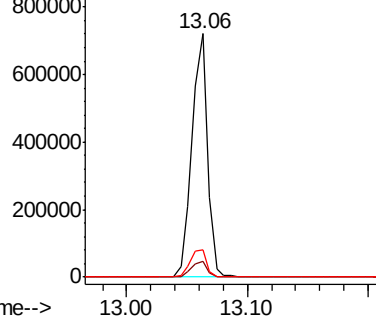


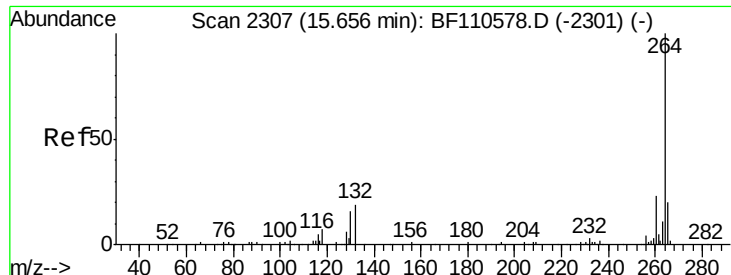
#79
Terphenyl-d14
Concen: 73.999 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110711.D
Acq: 13 Nov 2018 9:00

Tgt Ion:244 Resp: 639213
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 11.0 8.7 13.1



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110711.D
Acq: 13 Nov 2018 9:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	21.7	16.7	25.1

