

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110712.D
 Acq On : 13 Nov 2018 9:27
 Operator : JU/SJ
 Sample : J5904-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 10:38:28 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

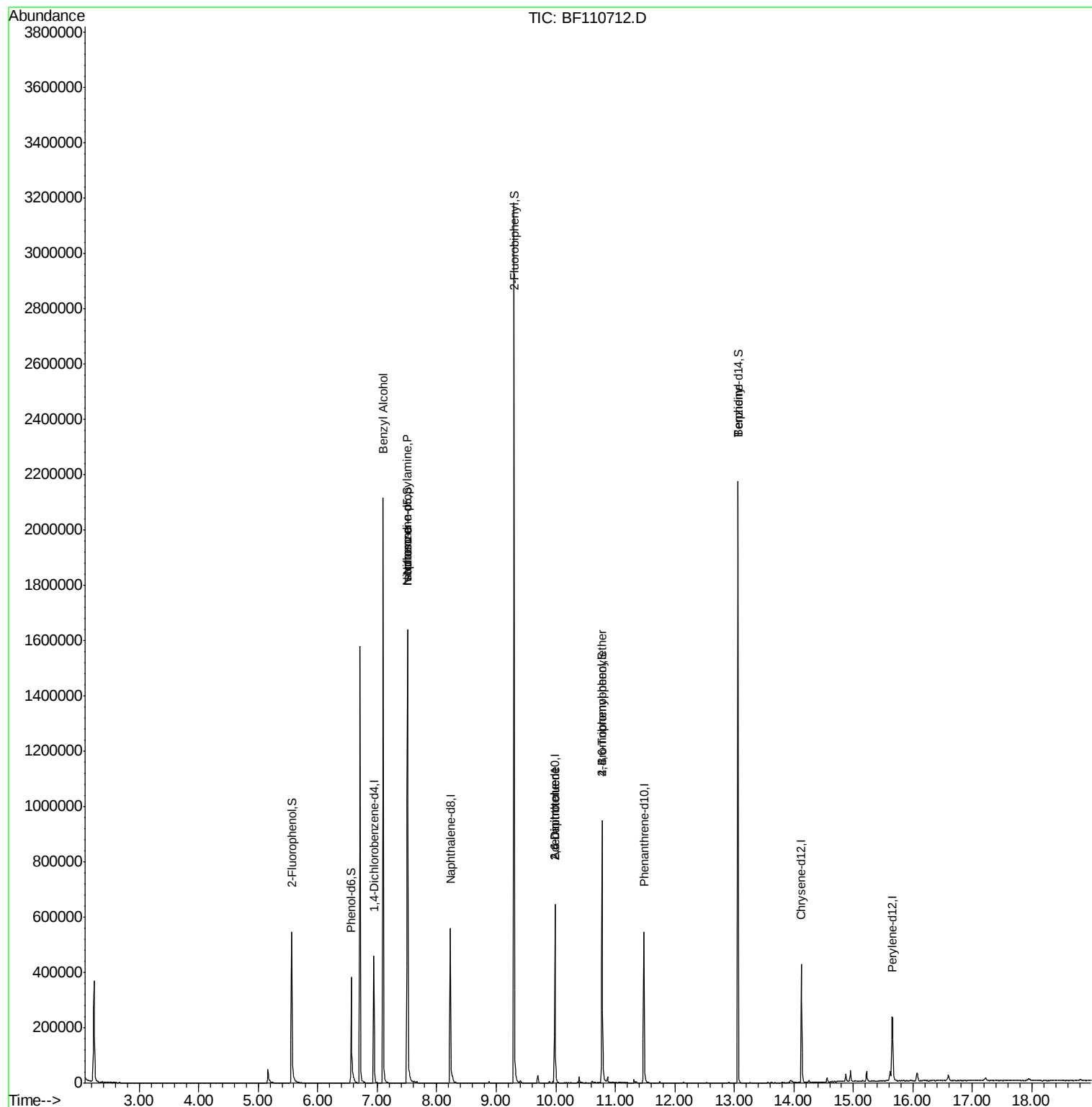
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72740	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	310279	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	142532	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	240318	20.00	ng	0.00
76) Chrysene-d12	14.13	240	156928	20.00	ng	-0.01
87) Perylene-d12	15.66	264	130737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	197974	44.21	ng	0.00
7) Phenol-d6	6.56	99	148488	25.93	ng	-0.01
23) Nitrobenzene-d5	7.51	82	560565	104.04	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	117249	81.64	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1033550	103.56	ng	0.00
79) Terphenyl-d14	13.06	244	727555	86.83	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	9070	2.024	ng	# 54
19) n-Nitroso-di-n-propylamine	7.51	70	73708	20.164	ng	# 80
25) Isophorone	7.51	82	560561	63.479	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	17778	7.599	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	17778	5.844	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	7395	2.784	ng	# 1
77) Benizidine	13.06	184	9980	2.313	ng	97

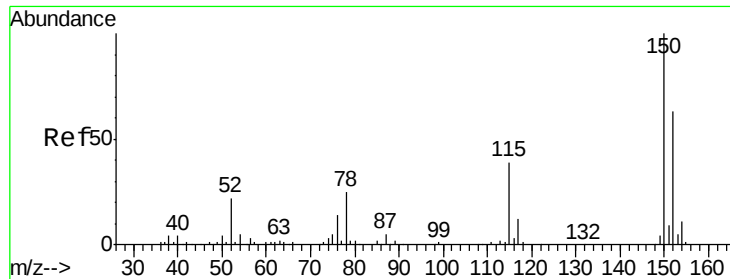
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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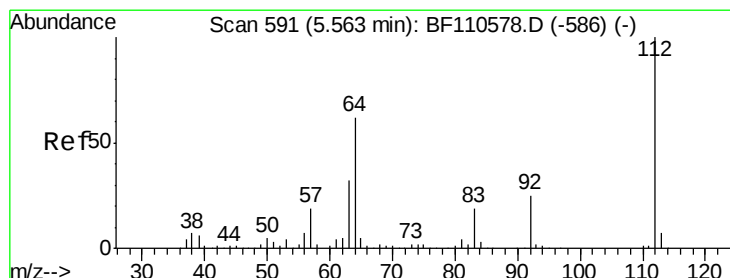
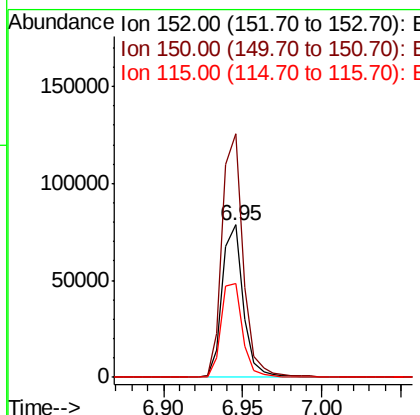
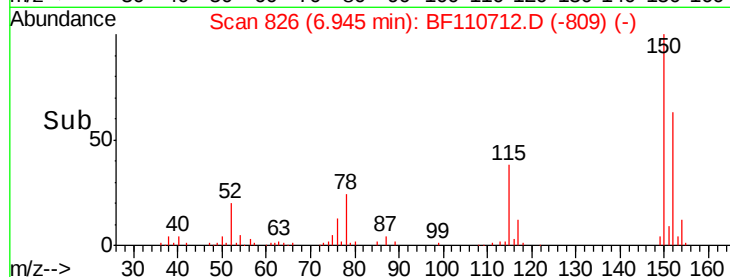
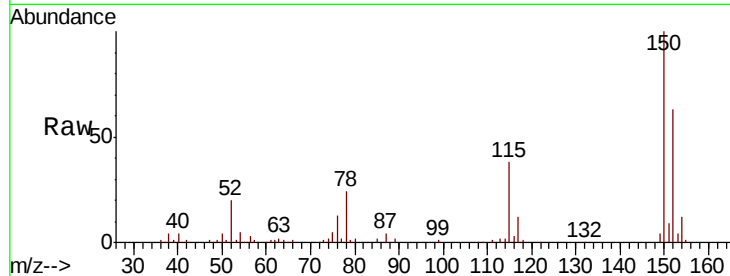




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

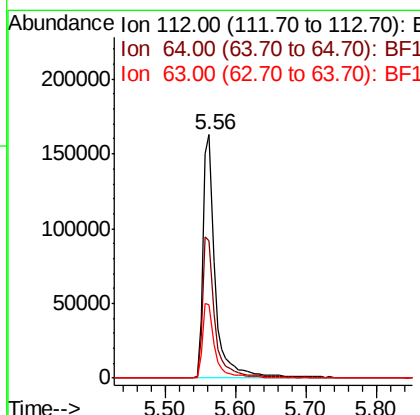
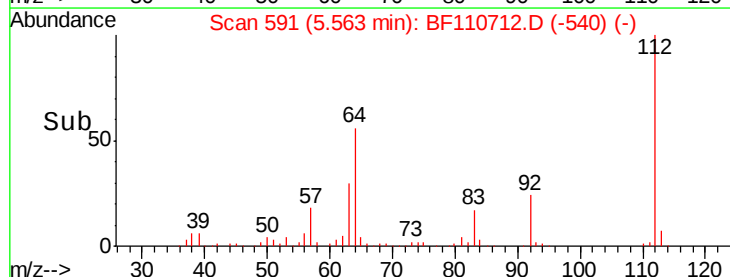
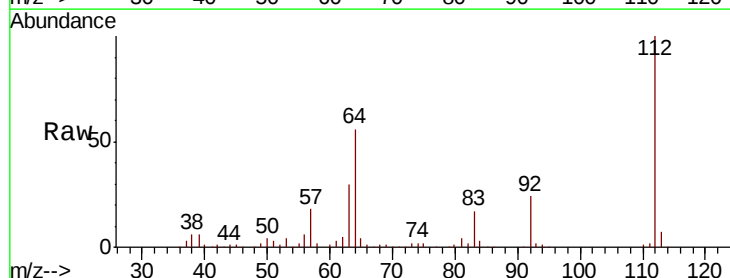
Instrument :
 BNA_F
 ClientSampleId :

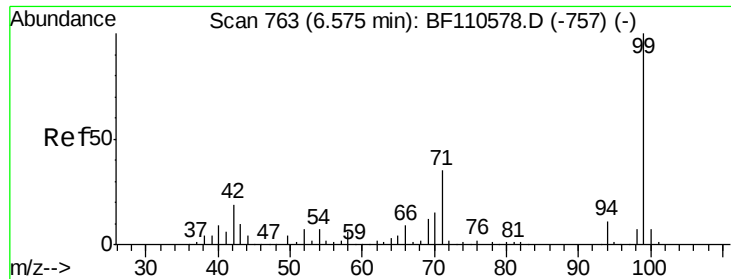
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	122.7	184.1
115	61.4	49.1	73.7



#5
 2-Fluorophenol
 Concen: 44.208 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.1	66.1
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 25.930 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110712.D

Acq: 13 Nov 2018 9:27

Instrument :

BNA_F

ClientSampleId :

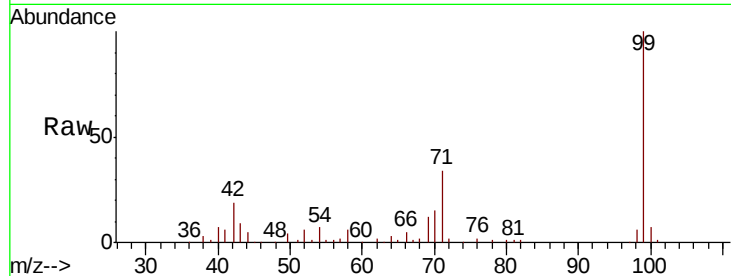
Tot Ion: 99 Resp: 148488

Ion Ratio Lower Upper

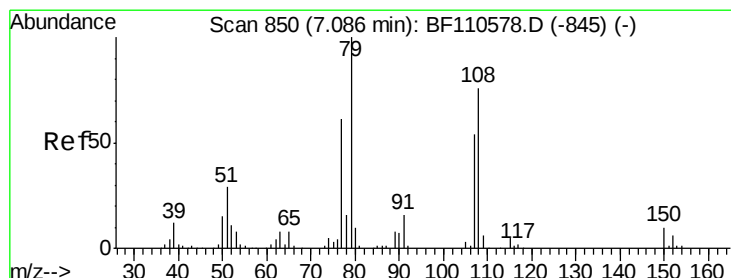
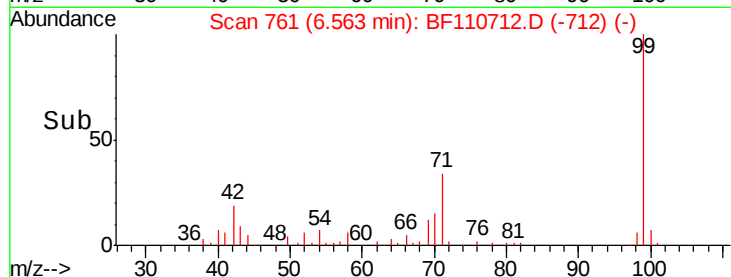
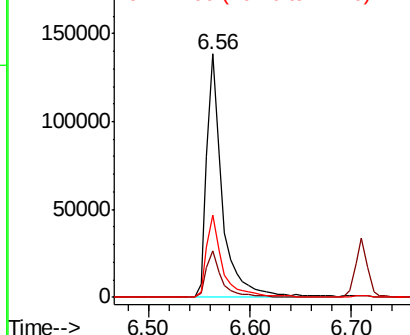
99 100

42 18.9 15.8 23.6

71 33.8 28.0 42.0



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



#15

Benzyl Alcohol

Concen: 2.024 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF110712.D

Acq: 13 Nov 2018 9:27

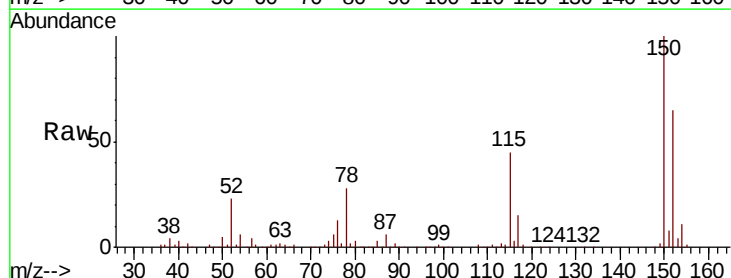
Tgt Ion: 79 Resp: 9070

Ion Ratio Lower Upper

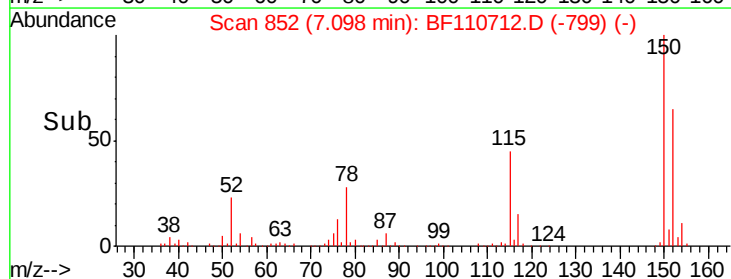
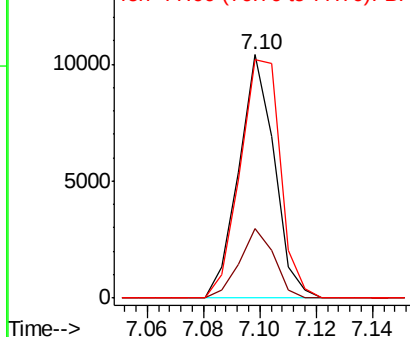
79 100

108 28.5 56.3 84.5#

77 97.8 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

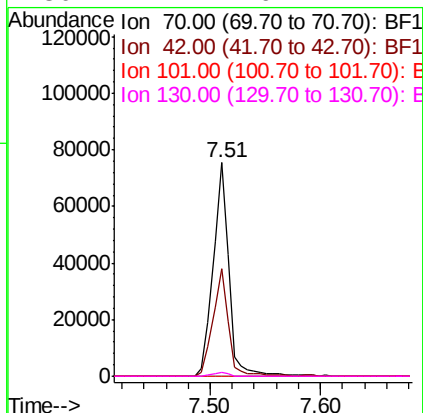
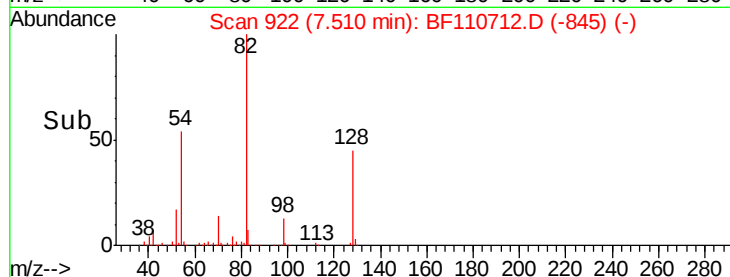
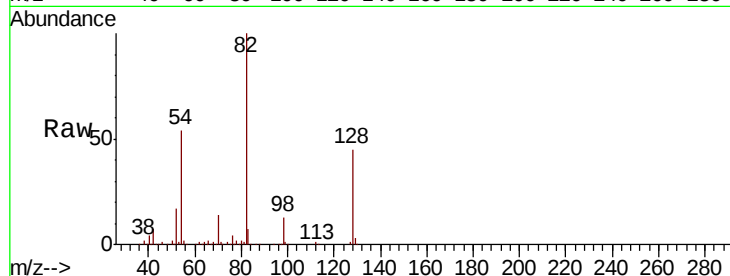




#19
n-Nitroso-di-n-propylamine
Concen: 20.164 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110712.D
Acq: 13 Nov 2018 9:27

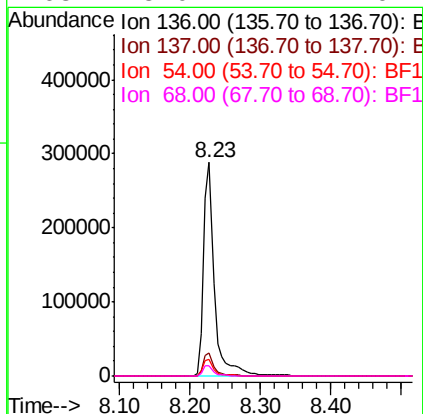
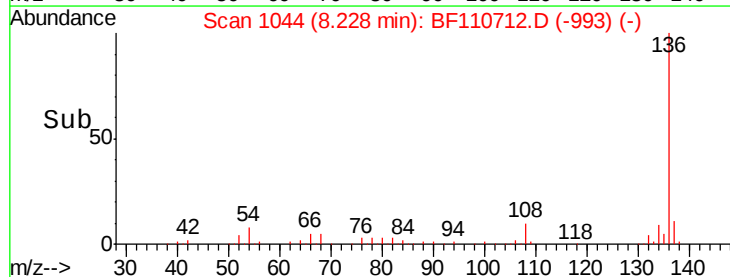
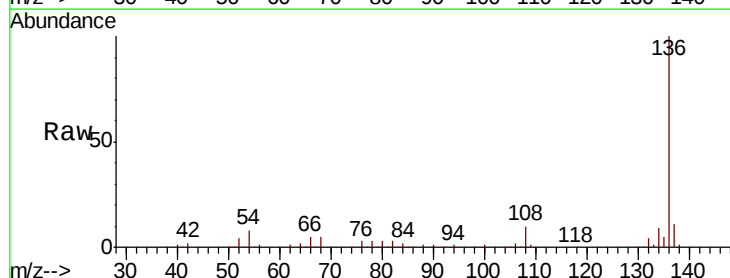
Instrument :
BNA_F
ClientSampled :

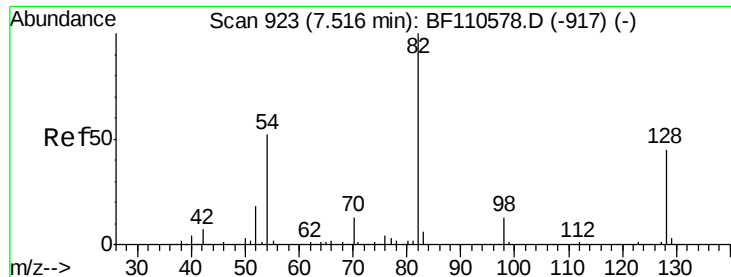
Tot Ion: 70 Resp: 73708
Ion Ratio Lower Upper
70 100
42 50.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110712.D
Acq: 13 Nov 2018 9:27

Tgt Ion:136 Resp: 310279
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.6 5.4 8.2
68 5.0 4.2 6.2

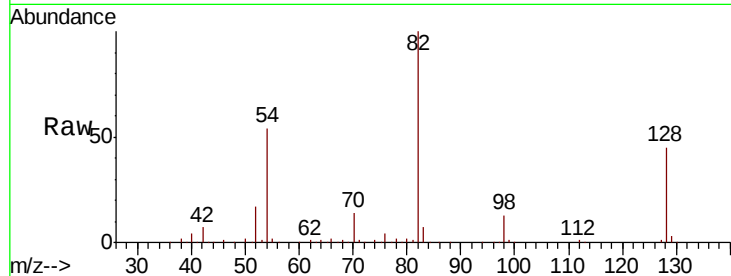




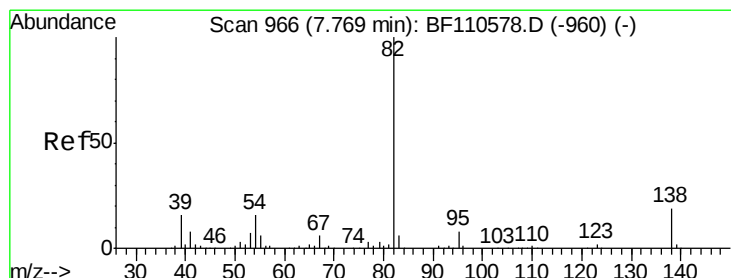
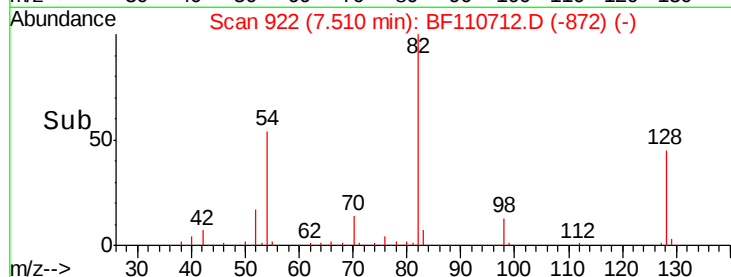
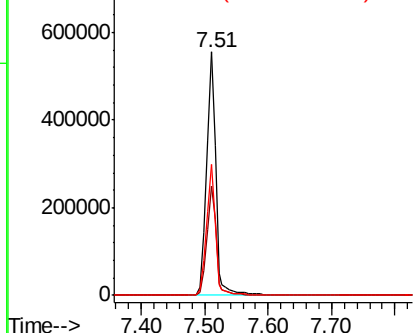
#23
 Nitrobenzene-d5
 Concen: 104.044 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	560565
Ion Ratio	100	Lower	Upper
128	45.1	34.2	51.2
54	53.9	38.6	58.0

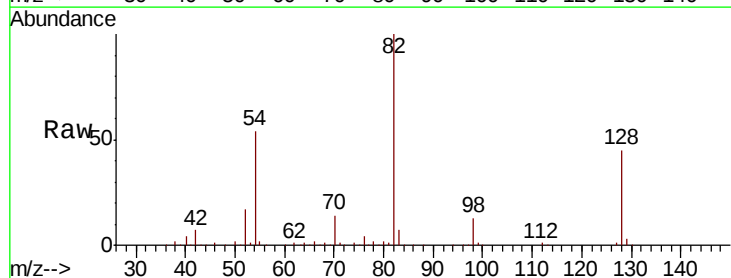


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

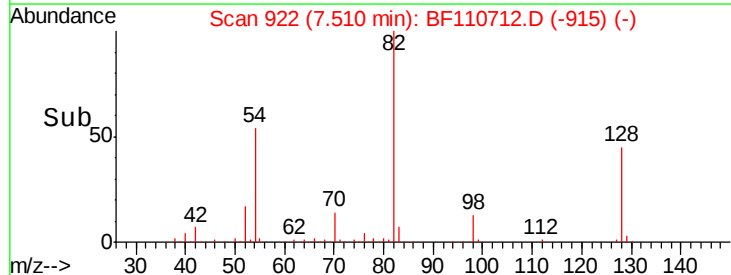
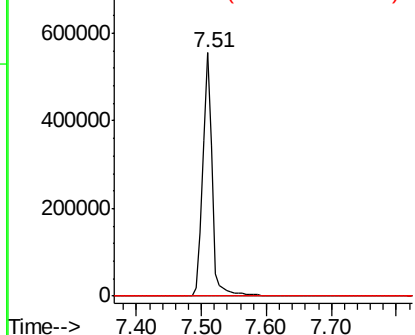


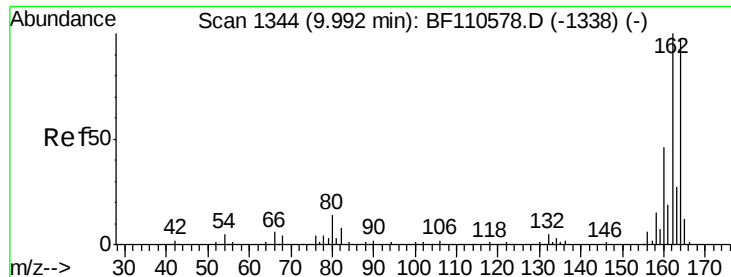
#25
 Isophorone
 Concen: 63.479 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

Tgt Ion	82	Resp	560561
Ion Ratio	100	Lower	Upper
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: BF110712.D

Acq: 13 Nov 2018 9:27

Instrument :

BNA_F

ClientSampleId :

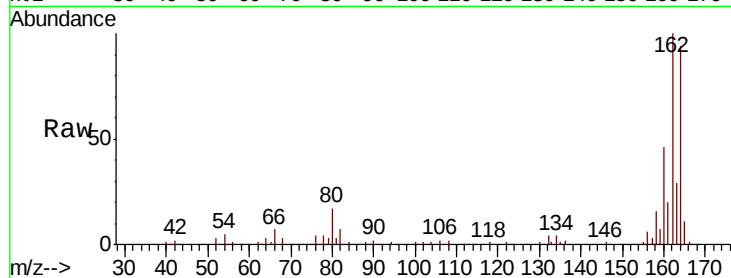
Tot Ion:164 Resp: 142532

Ion Ratio Lower Upper

164 100

162 106.8 83.0 124.6

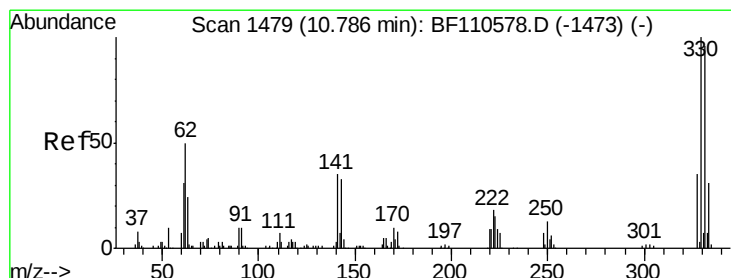
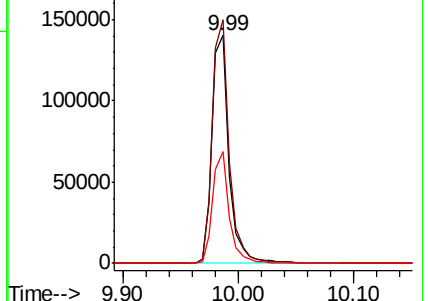
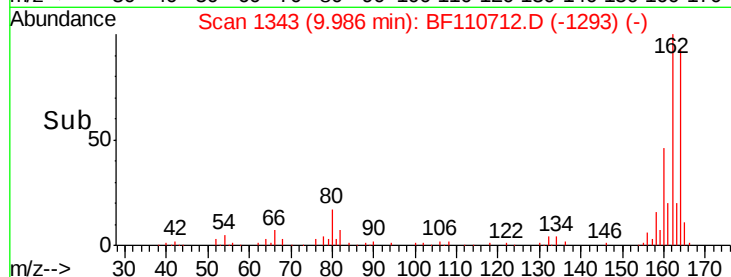
160 49.3 37.0 55.6



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: 81.639 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110712.D

Acq: 13 Nov 2018 9:27

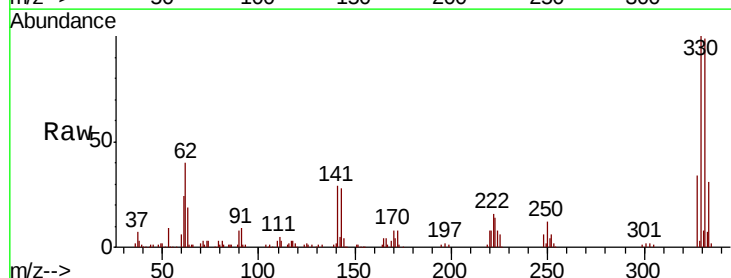
Tgt Ion:330 Resp: 117249

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

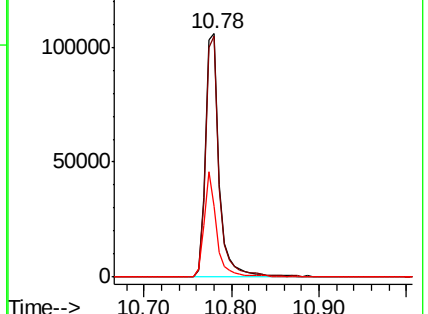
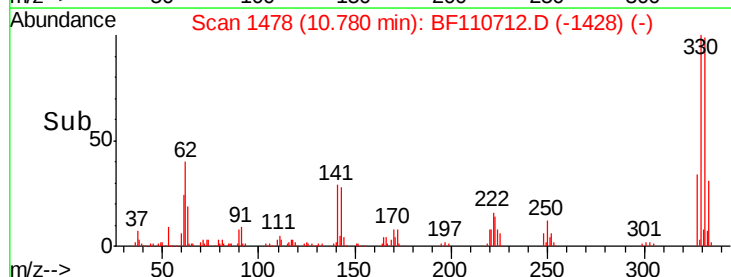
141 38.5 27.0 40.4

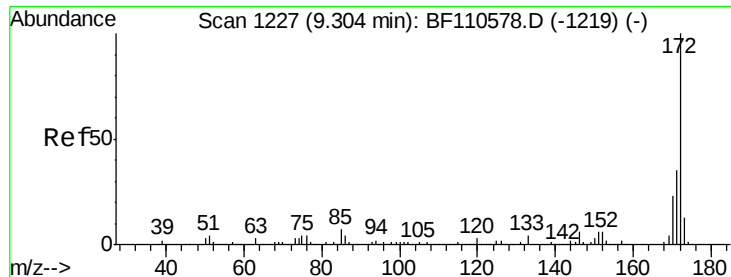


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



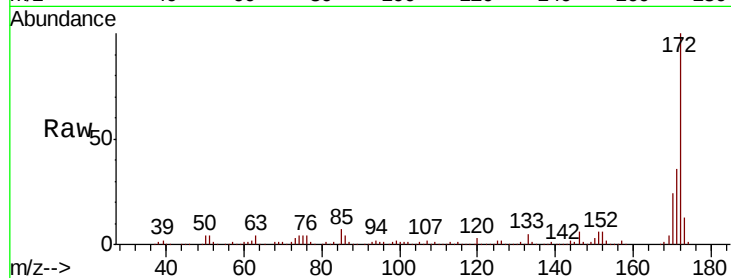


#45
 2-Fluorobiphenyl
 Concen: 103.562 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

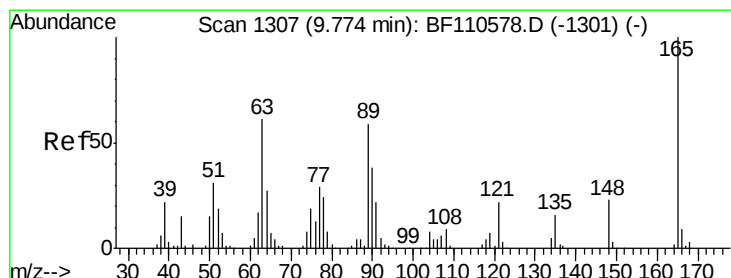
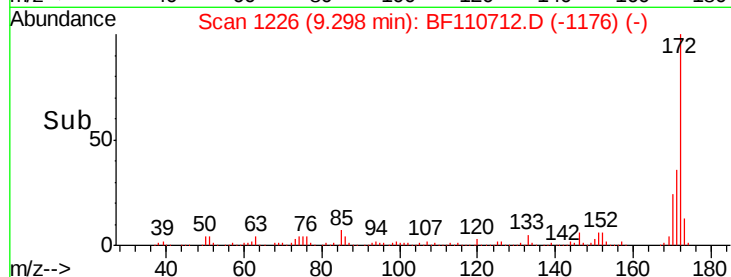
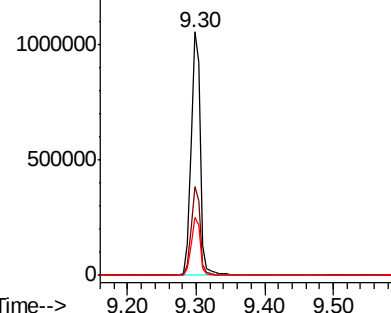
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1033550

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.9	19.7	29.5



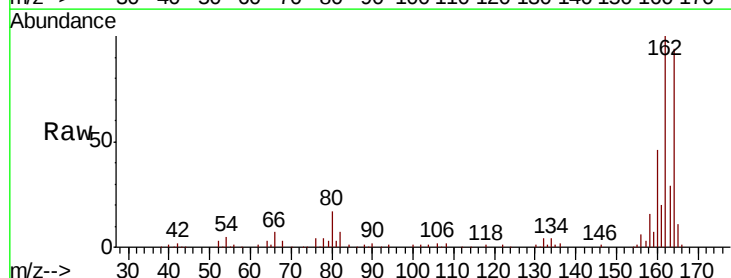
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



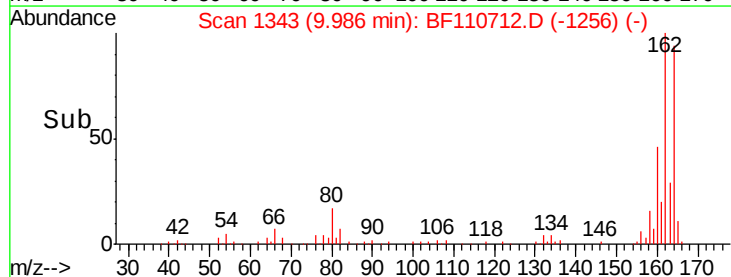
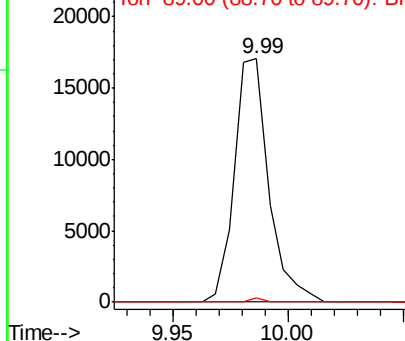
#51
 2,6-Dinitrotoluene
 Concen: 7.599 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

Tgt Ion:165 Resp: 17778

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.0	46.6	69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

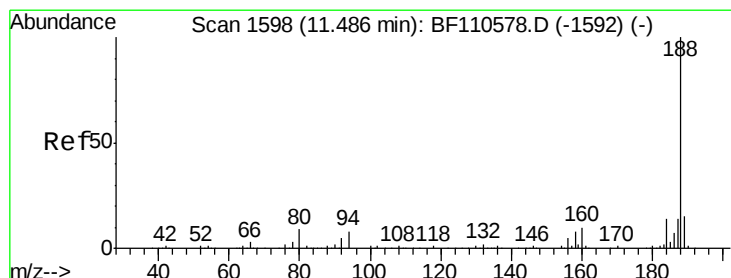
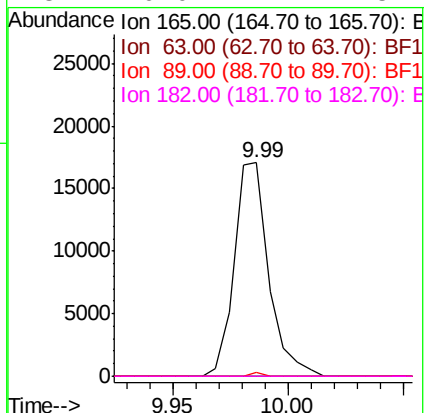
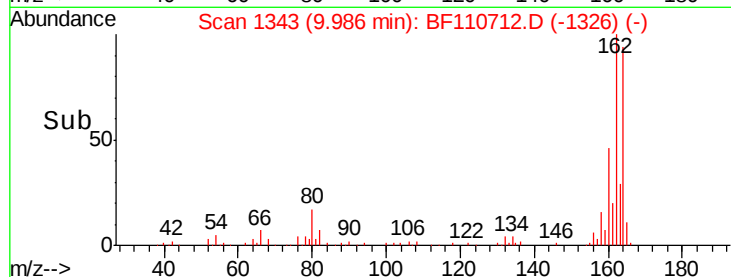
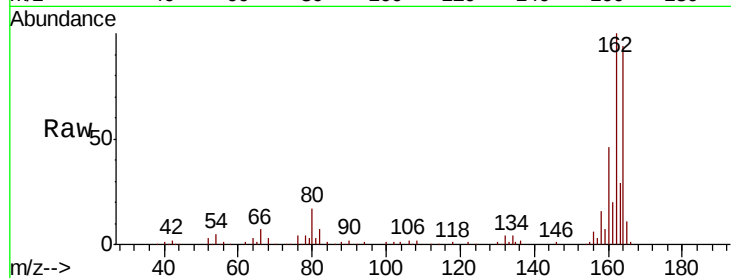




#57
 2,4-Dinitrotoluene
 Concen: 5.844 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

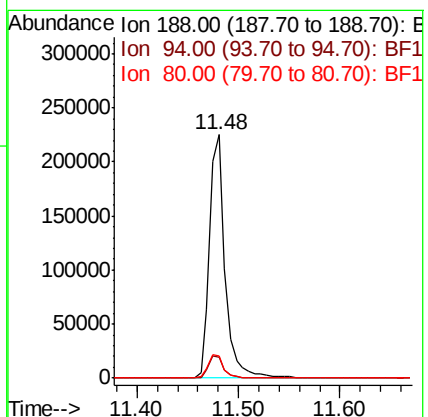
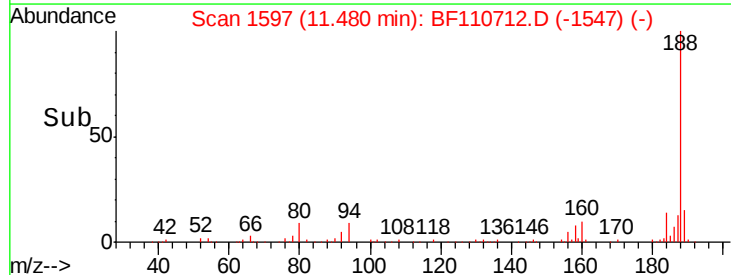
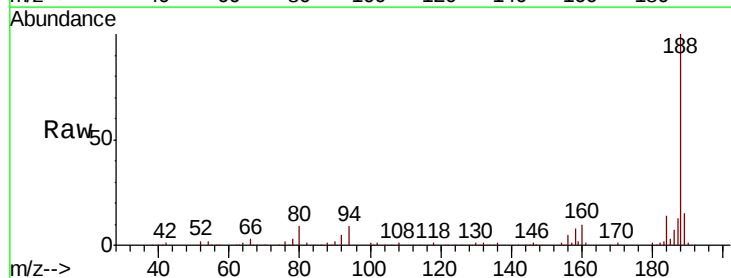
Instrument :
 BNA_F
 ClientSampled :

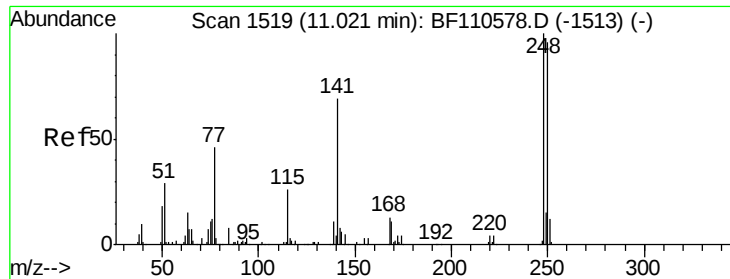
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110712.D
 Acq: 13 Nov 2018 9:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.0	7.9	11.9

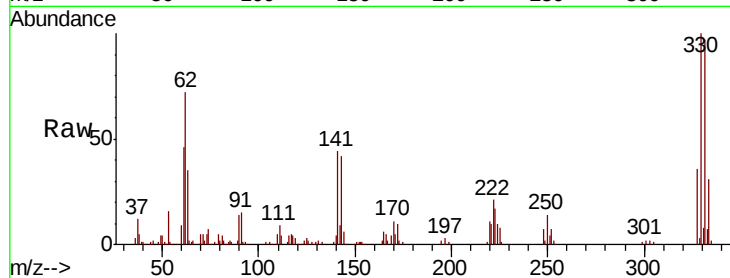




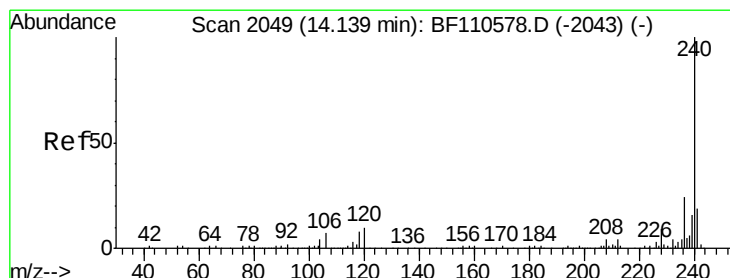
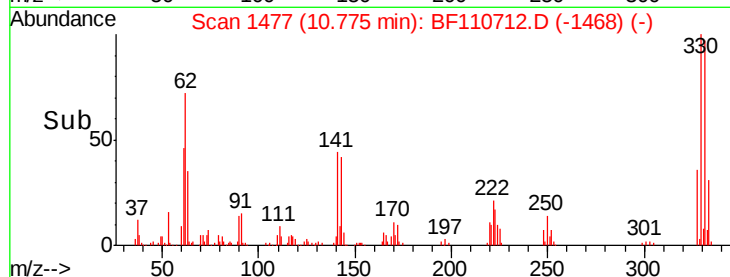
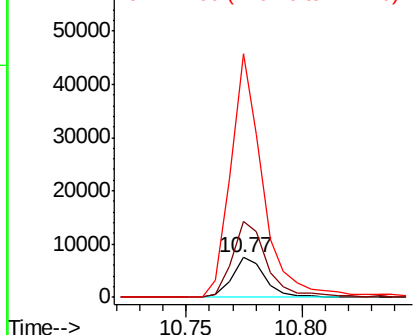
#67
4-Bromophenyl-phenylether
Concen: 2.784 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110712.D
Acq: 13 Nov 2018 9:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7395
Ion Ratio Lower Upper
248 100
250 189.1 79.4 119.2#
141 610.6 55.9 83.9#

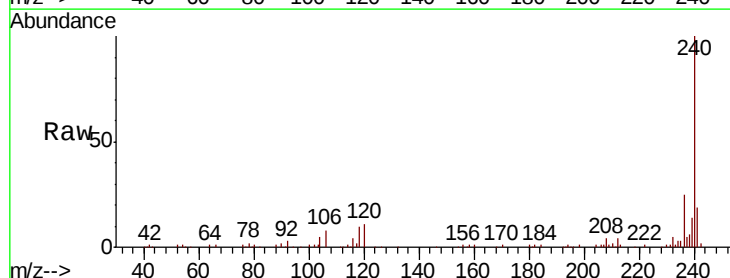


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

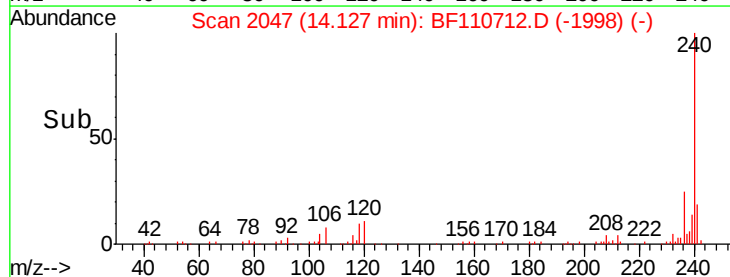
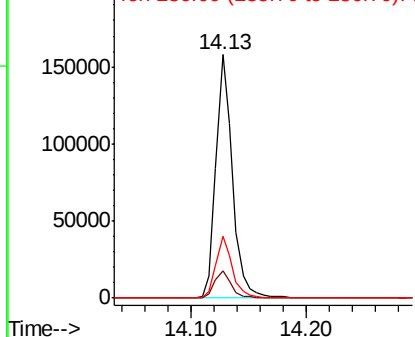


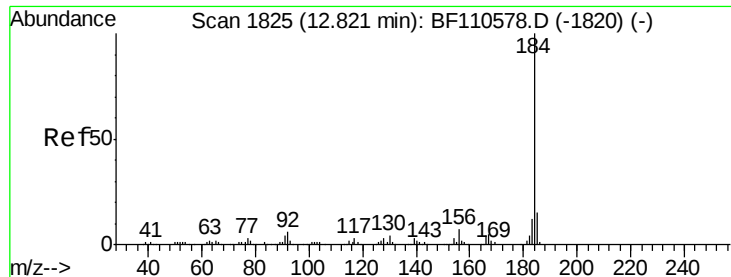
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110712.D
Acq: 13 Nov 2018 9:27

Tgt Ion:240 Resp: 156928
Ion Ratio Lower Upper
240 100
120 11.4 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





#77

Benzidine

Concen: 2.313 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110712.D

Acq: 13 Nov 2018 9:27

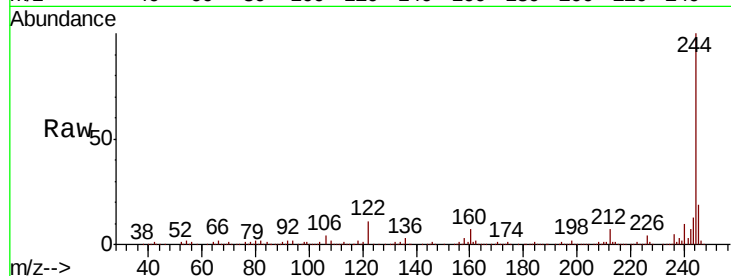
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 9980

Ion	Ratio	Lower	Upper
184	100		
185	15.9	13.4	20.2
183	10.0	9.4	14.2

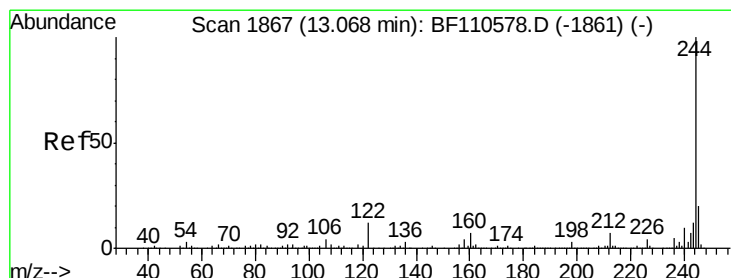
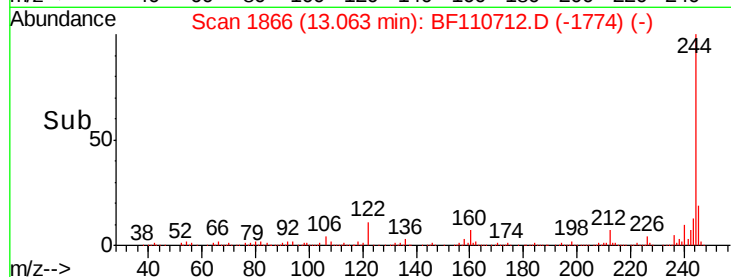
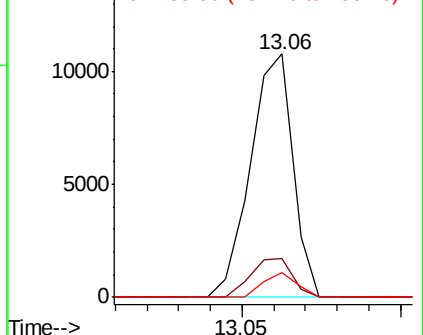


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 86.826 ng

RT: 13.06 min Scan# 1866

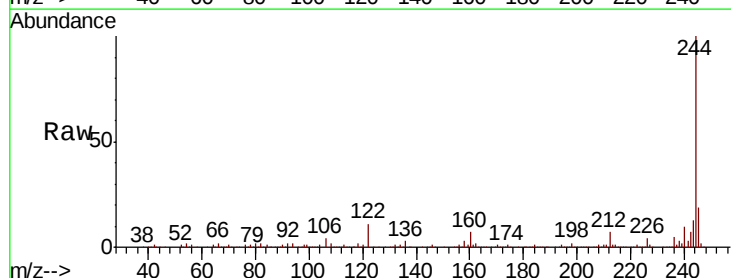
Delta R.T. -0.01 min

Lab File: BF110712.D

Acq: 13 Nov 2018 9:27

Tgt Ion:244 Resp: 727555

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.0	8.7	13.1

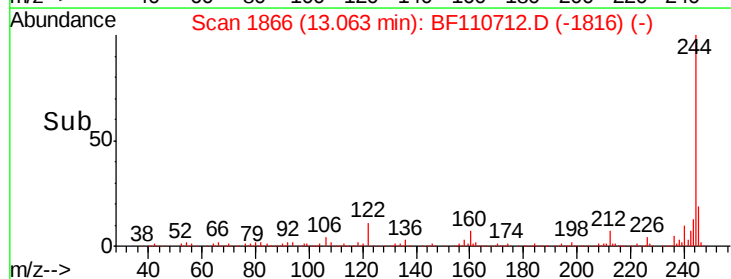
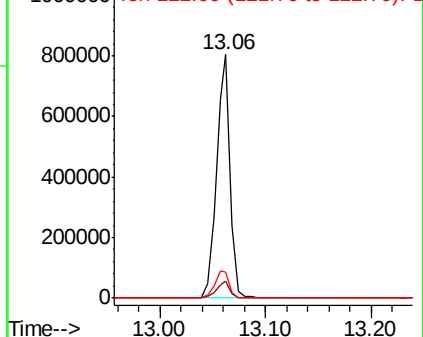


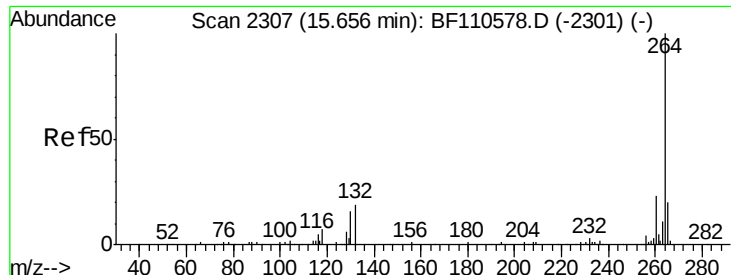
Abundance

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: BF110712.D
 Acq: 13 Nov 2018 9:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.0	16.7	25.1

