

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110710.D
 Acq On : 13 Nov 2018 8:33
 Operator : JU/SJ
 Sample : J5904-21
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 10:38:05 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

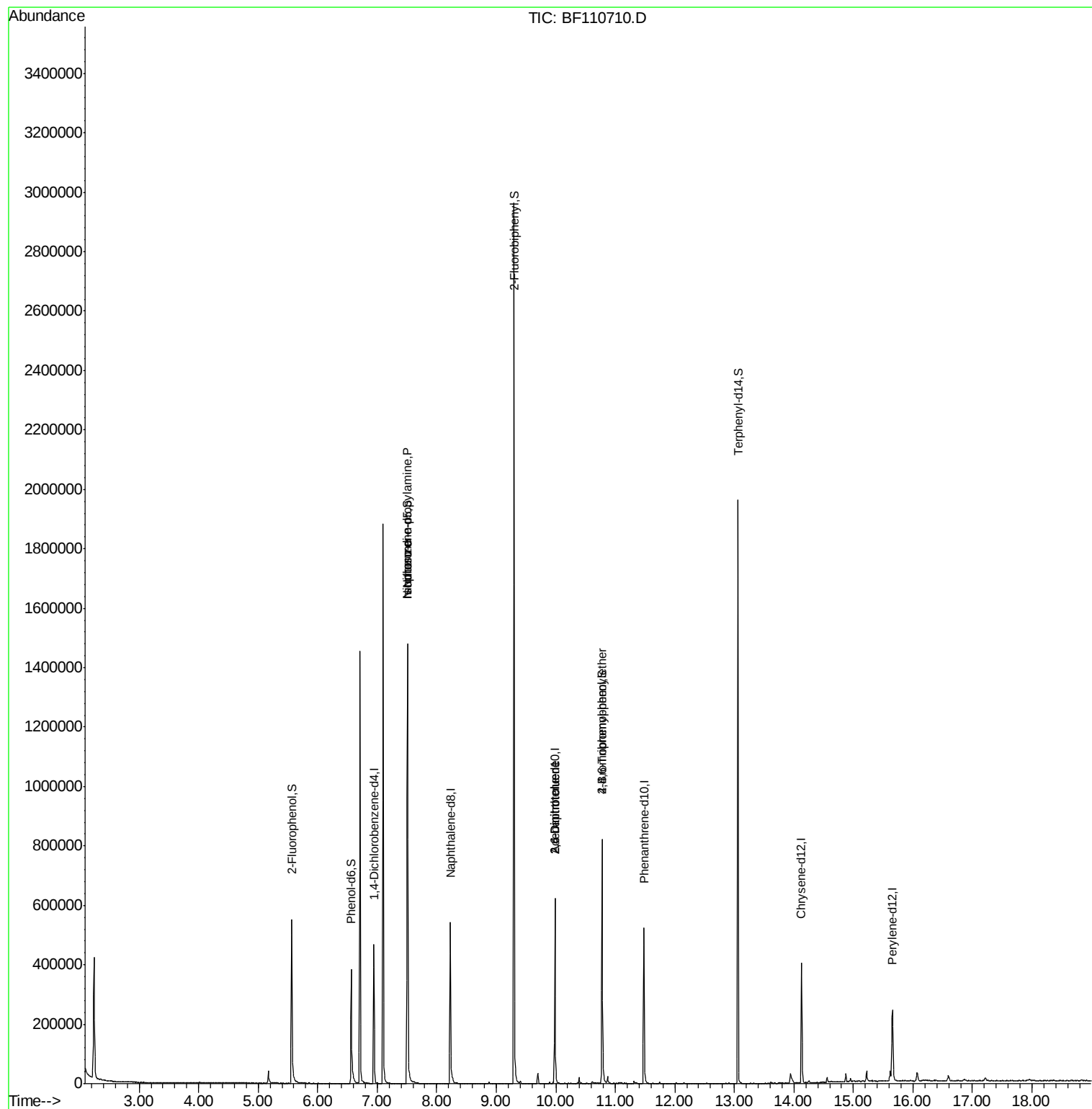
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71187	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	296483	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	136048	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	229460	20.00	ng	0.00
76) Chrysene-d12	14.13	240	152982	20.00	ng	-0.01
87) Perylene-d12	15.66	264	132248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	191016	43.59	ng	0.00
7) Phenol-d6	6.56	99	149180	26.62	ng	-0.01
23) Nitrobenzene-d5	7.51	82	497045	96.55	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	107321	78.29	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	927303	97.34	ng	0.00
79) Terphenyl-d14	13.06	244	643694	78.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	64437	18.012	ng	# 80
25) Isophorone	7.51	82	497042	58.906	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	16772	7.511	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	16772	5.776	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	7134	2.813	ng	# 1

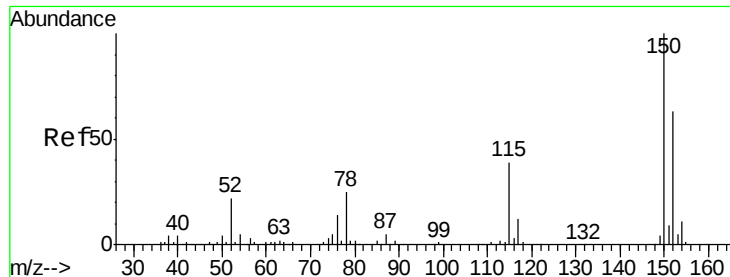
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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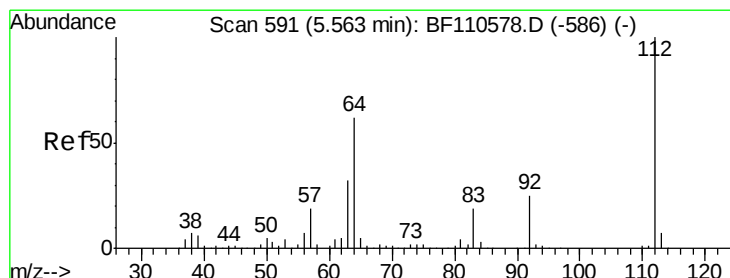
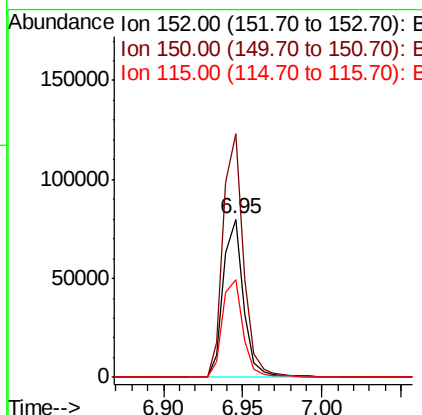
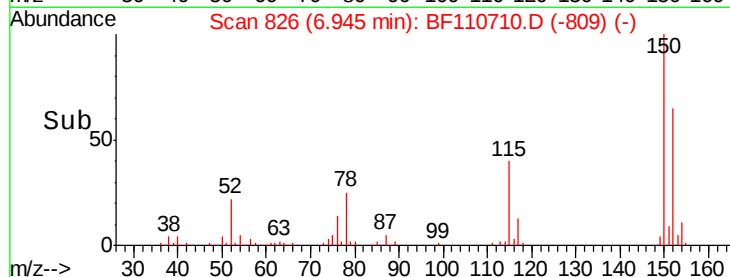
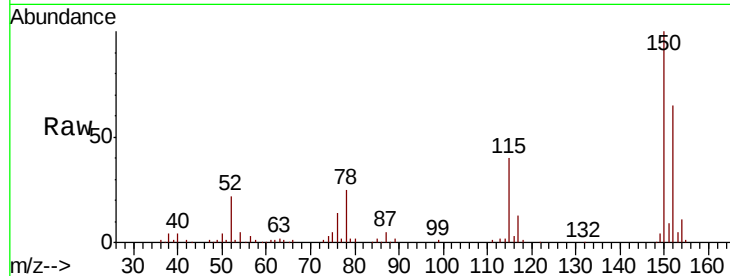


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

Instrument :
 BNA_F
 ClientSampleId :

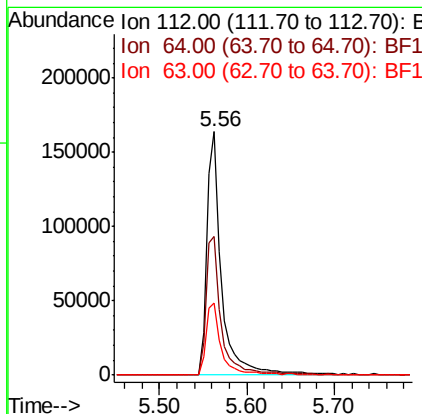
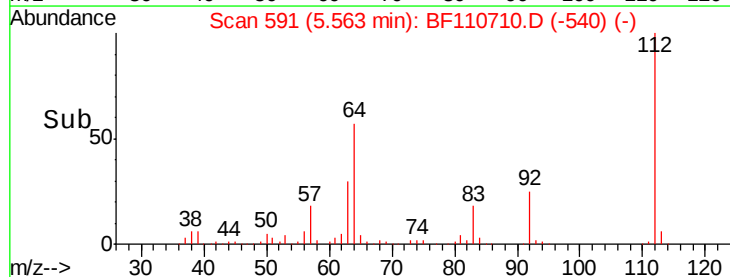
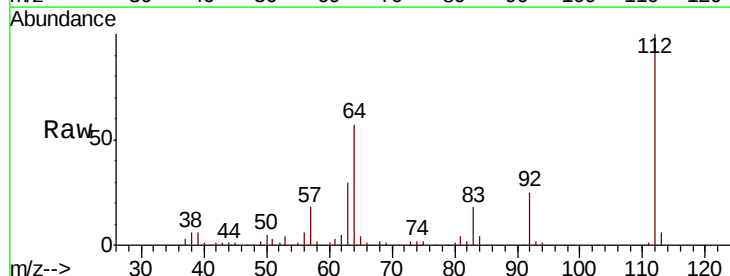
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.7	184.1
115	61.7	49.1	73.7

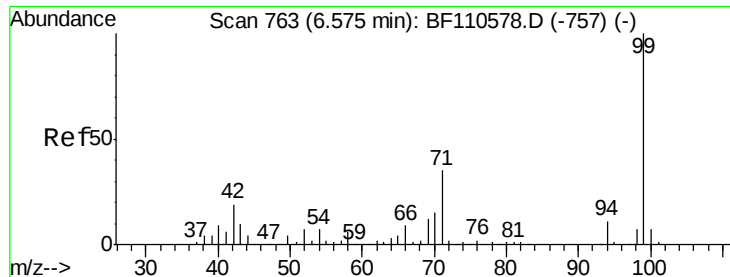


#5

2-Fluorophenol
 Concen: 43.585 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.1	66.1
63	29.7	23.7	35.5





#7

Phenol-d6

Concen: 26.619 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110710.D

Acq: 13 Nov 2018 8:33

Instrument :

BNA_F

ClientSampleId :

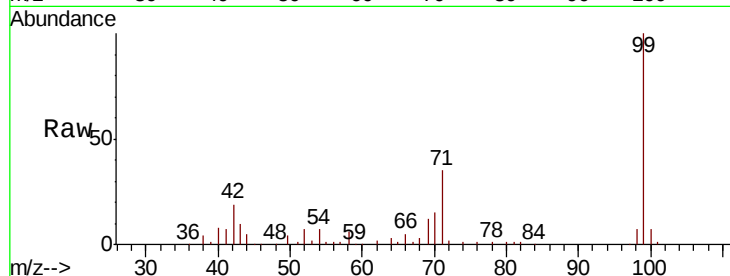
Tot Ion: 99 Resp: 149180

Ion Ratio Lower Upper

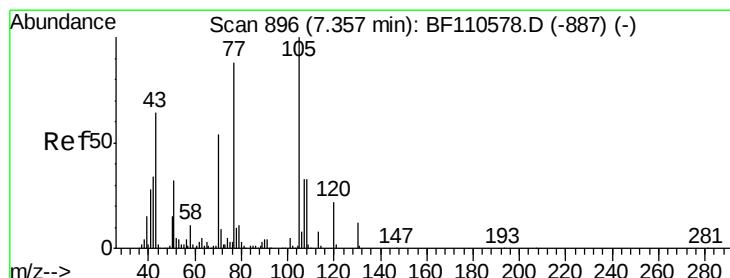
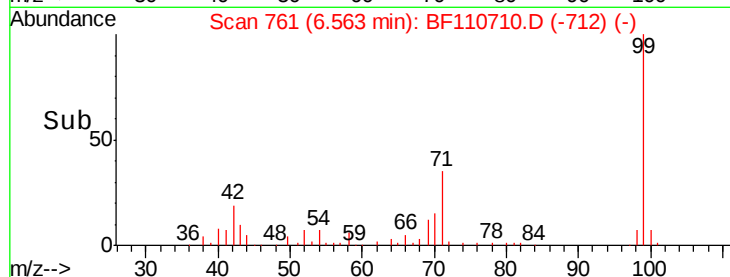
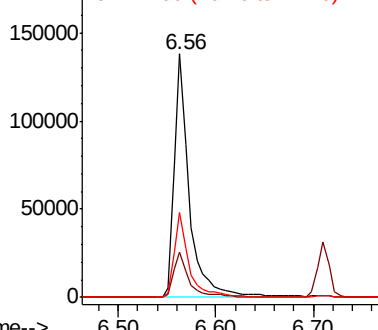
99 100

42 18.8 15.8 23.6

71 34.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.012 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110710.D

Acq: 13 Nov 2018 8:33

Tgt Ion: 70 Resp: 64437

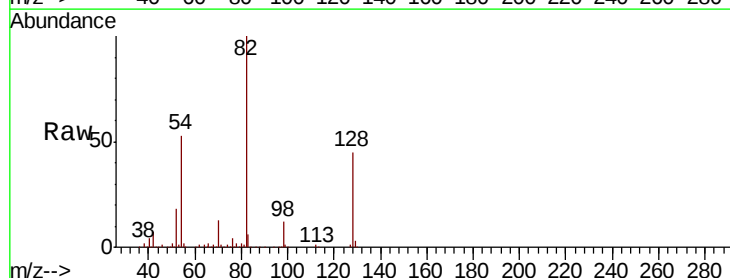
Ion Ratio Lower Upper

70 100

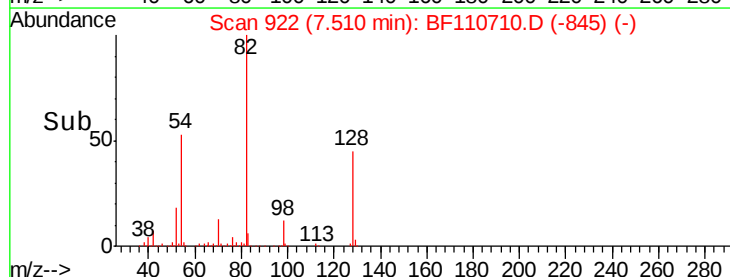
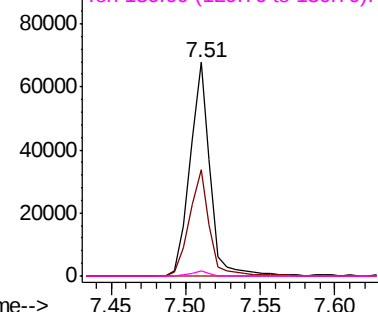
42 49.8 47.4 71.2

101 0.0 7.3 10.9#

130 2.5 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

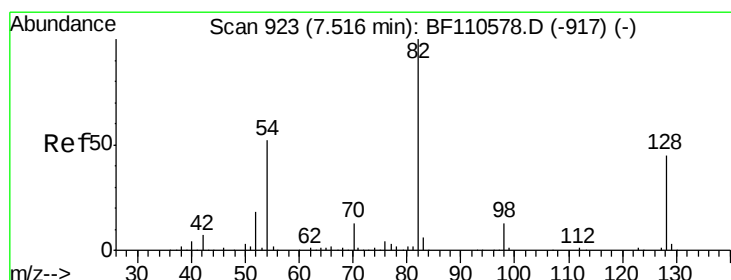
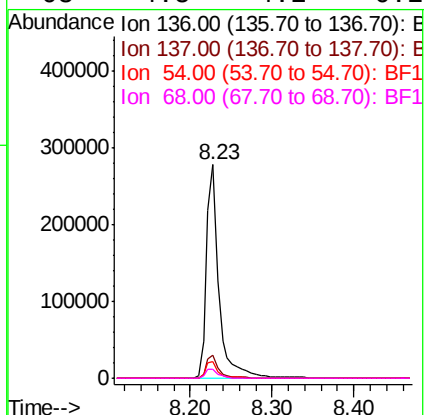
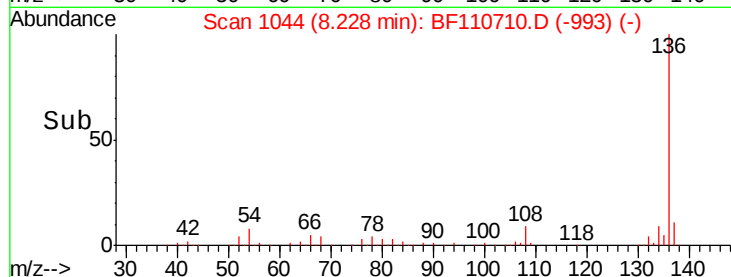
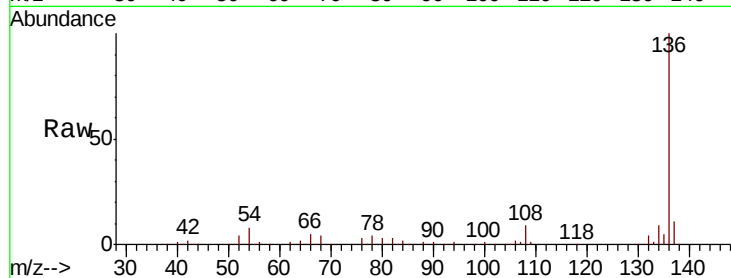




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110710.D
Acq: 13 Nov 2018 8:33

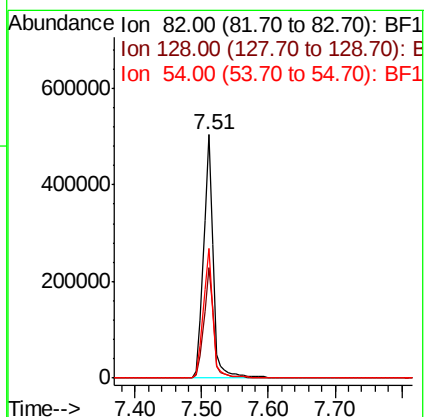
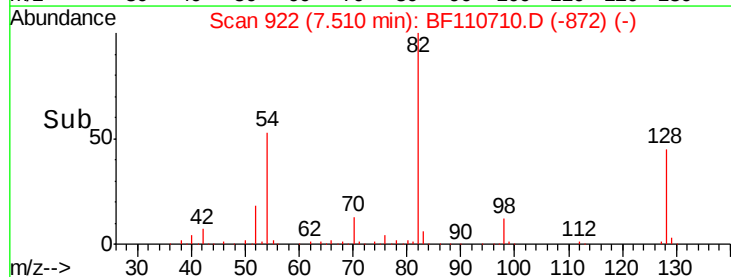
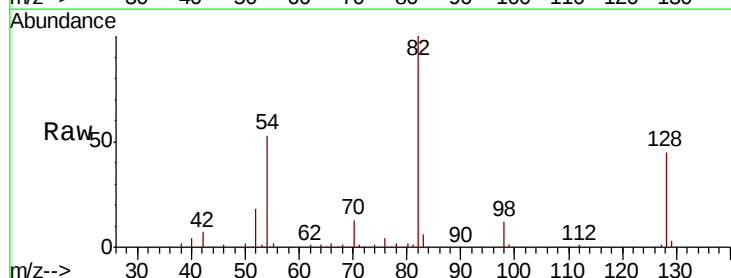
Instrument :
BNA_F
ClientSampleId :

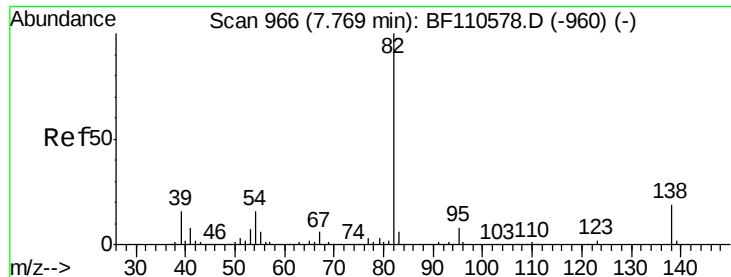
Tot Ion:	136	Resp:	296483
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	5.4	8.2
68	4.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 96.547 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110710.D
Acq: 13 Nov 2018 8:33

Tgt Ion:	82	Resp:	497045
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	53.3	38.6	58.0





#25

Isophorone

Concen: 58.906 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110710.D

Acq: 13 Nov 2018 8:33

Instrument :

BNA_F

ClientSampleId :

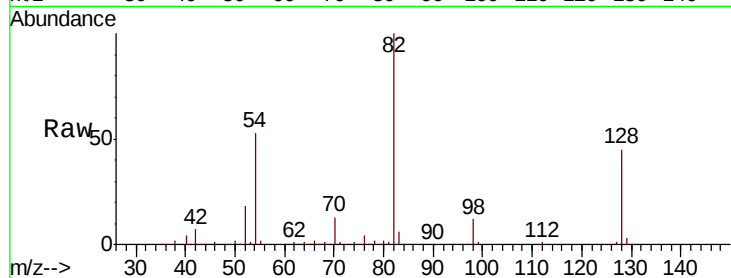
Tot Ion: 82 Resp: 497042

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

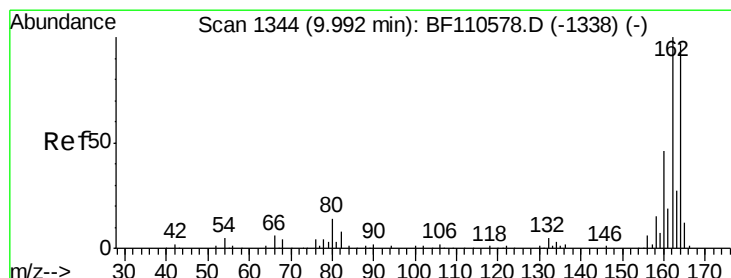
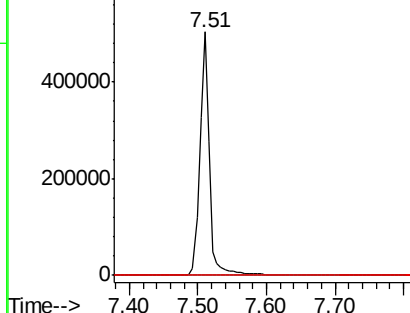
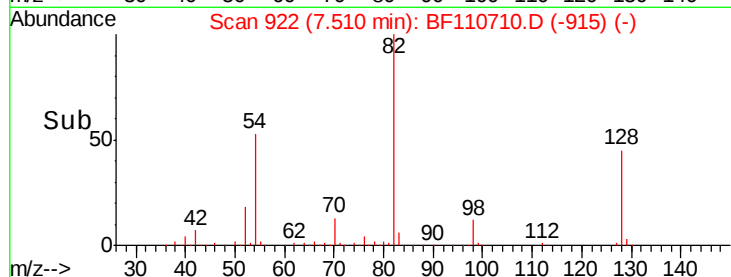
138 0.0 13.2 19.8#



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: BF110710.D

Acq: 13 Nov 2018 8:33

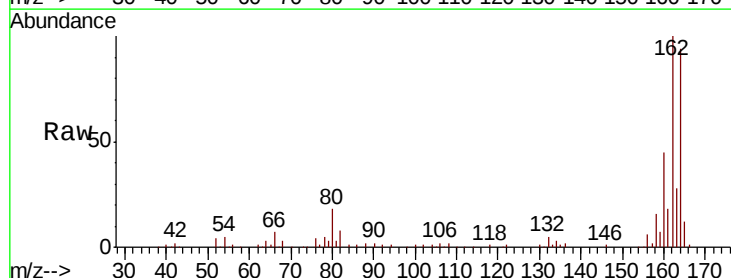
Tgt Ion: 164 Resp: 136048

Ion Ratio Lower Upper

164 100

162 106.2 83.0 124.6

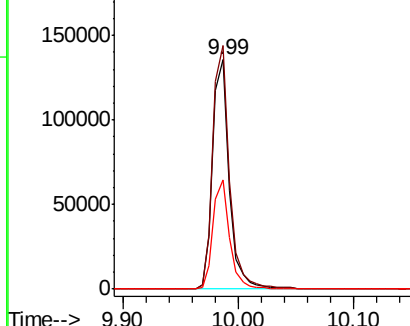
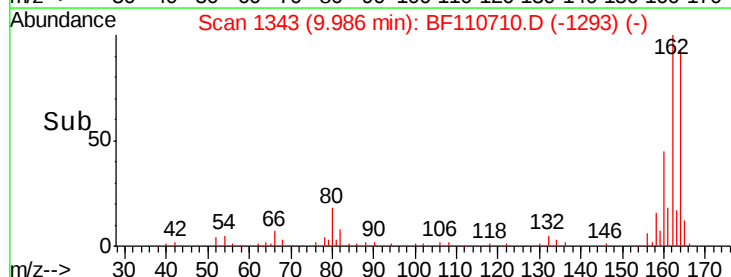
160 47.8 37.0 55.6

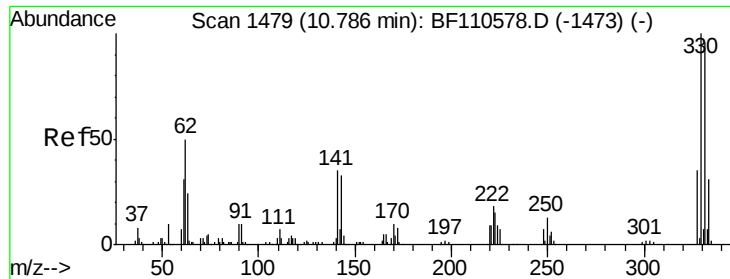


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

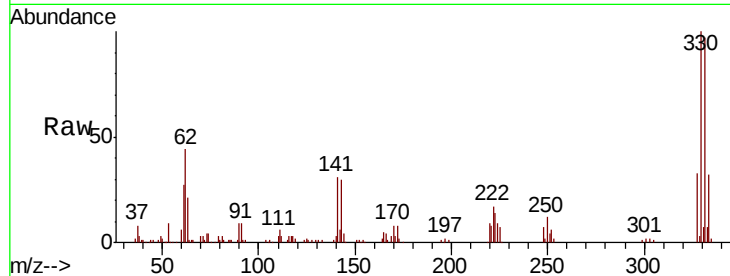




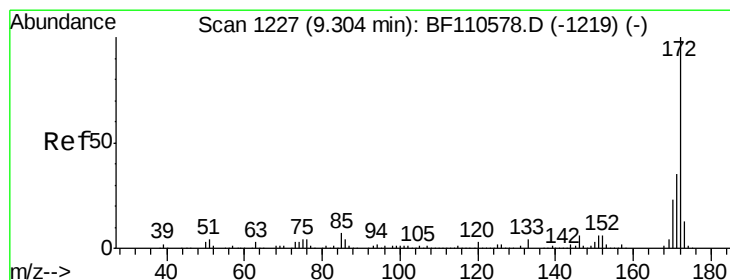
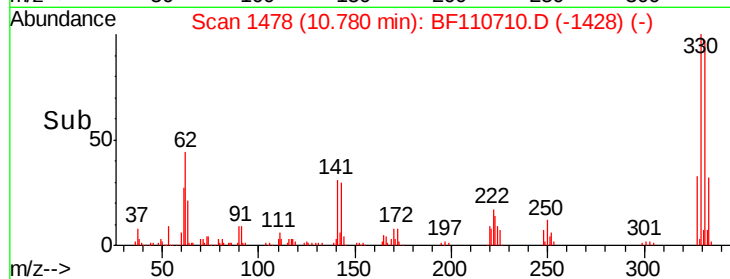
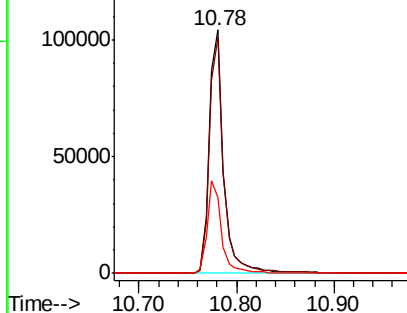
#42
 2,4,6-Tribromophenol
 Concen: 78.288 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	37.4	27.0	40.4

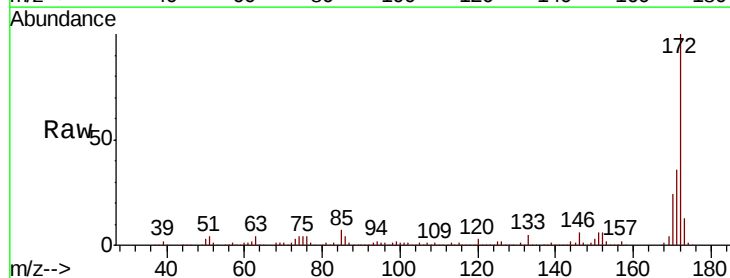


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

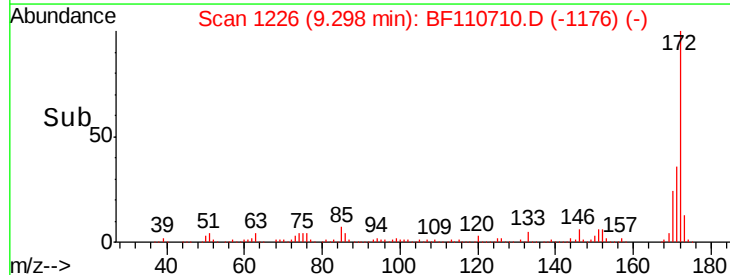
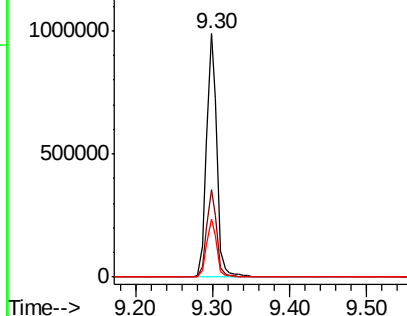


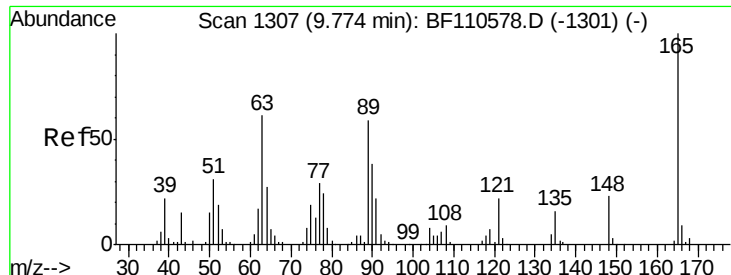
#45
 2-Fluorobiphenyl
 Concen: 97.345 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	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

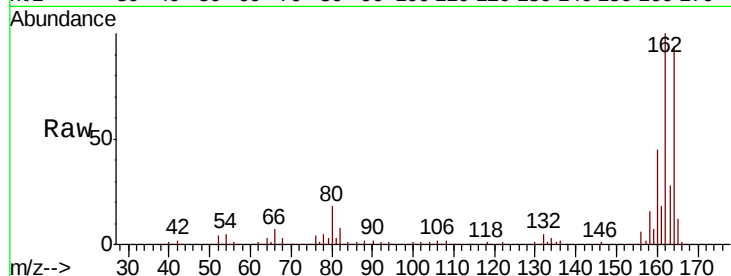




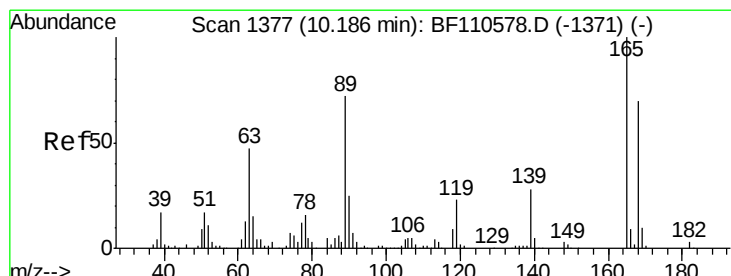
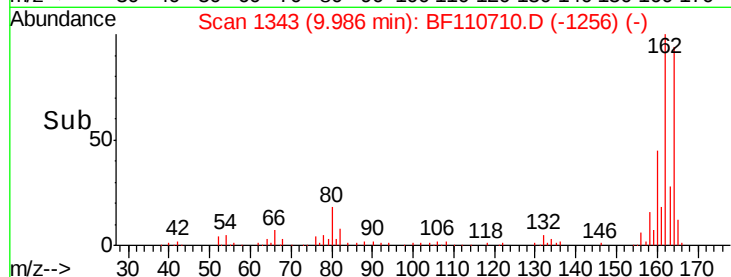
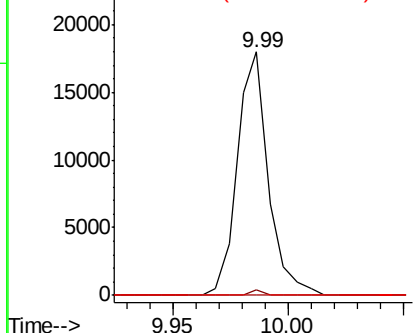
#51
 2,6-Dinitrotoluene
 Concen: 7.511 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	48.9	73.3#
89	0.0	46.6	69.8#



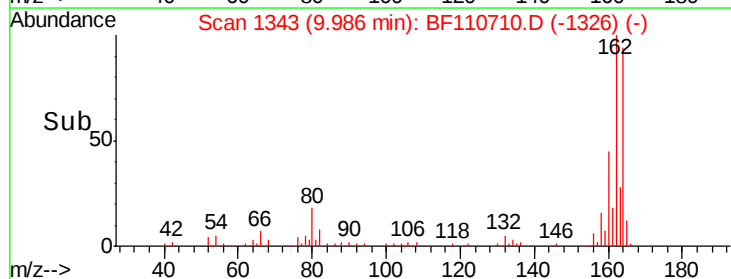
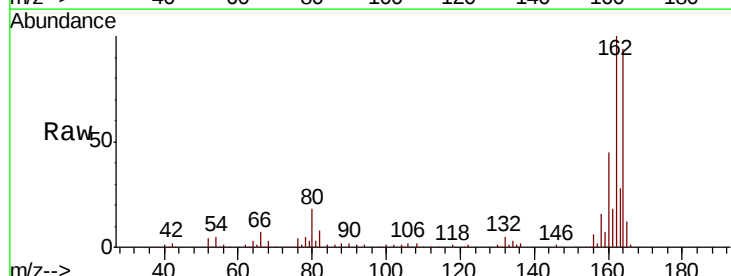
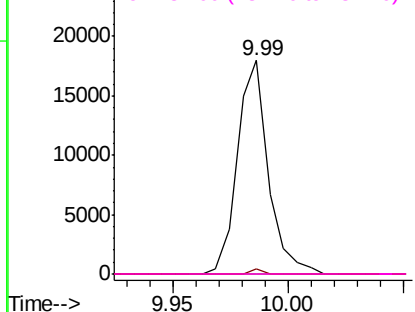
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

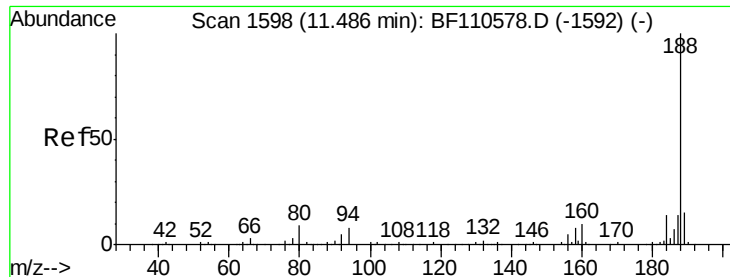


#57
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

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
 Ion 182.00 (181.70 to 182.70): E

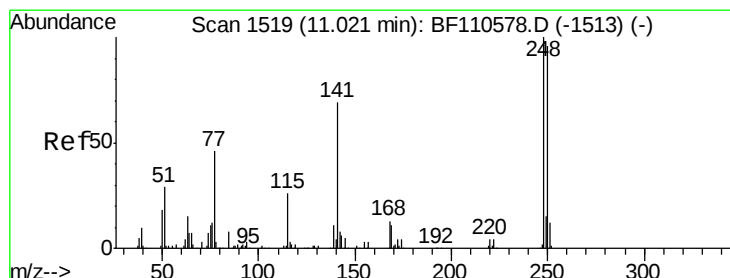
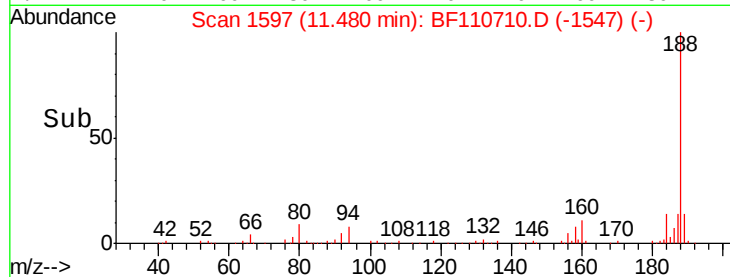
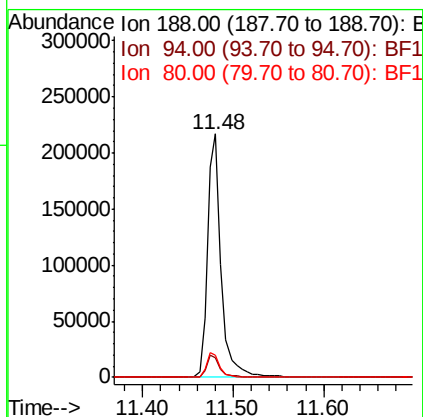
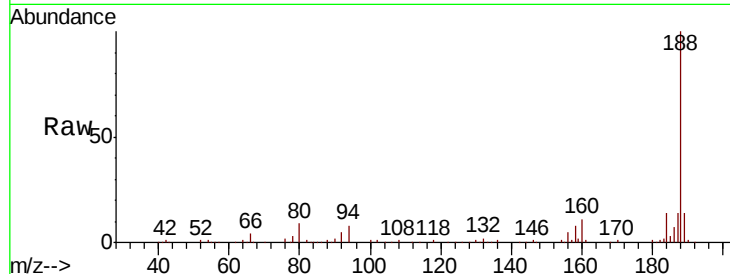




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

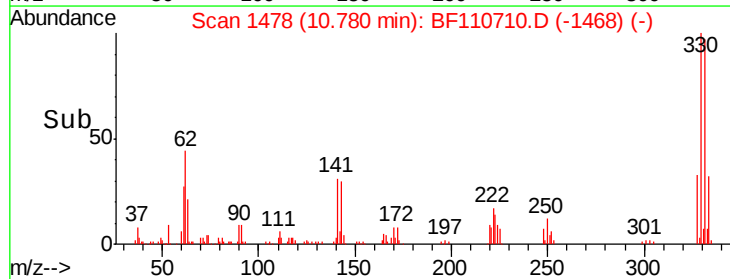
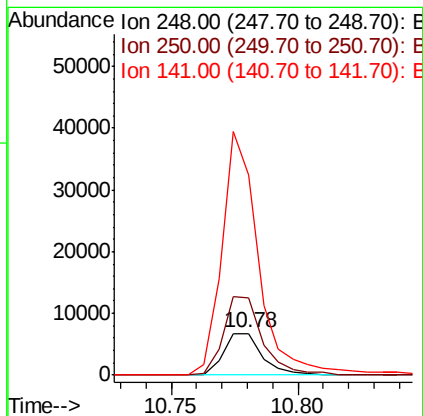
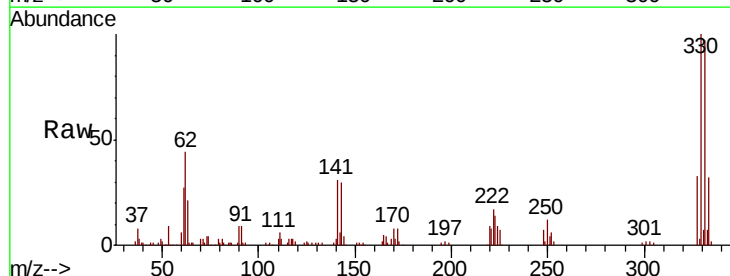
Instrument :
 BNA_F
 ClientSampled :

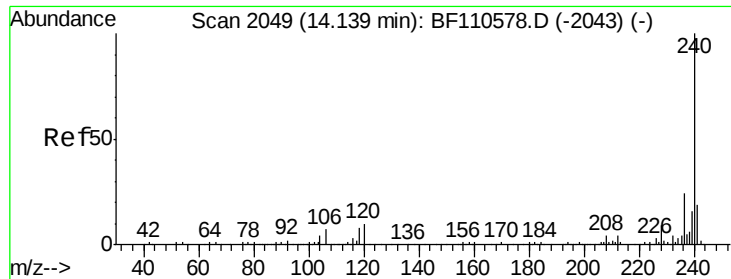
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.9	7.9	11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.813 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110710.D
 Acq: 13 Nov 2018 8:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	184.5	79.4	119.2#
141	477.2	55.9	83.9#

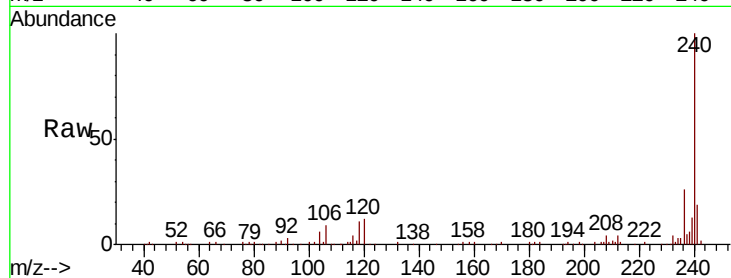




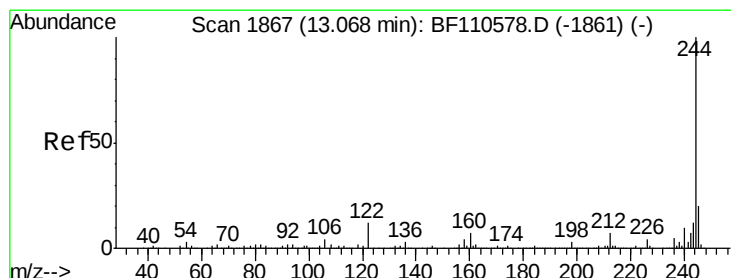
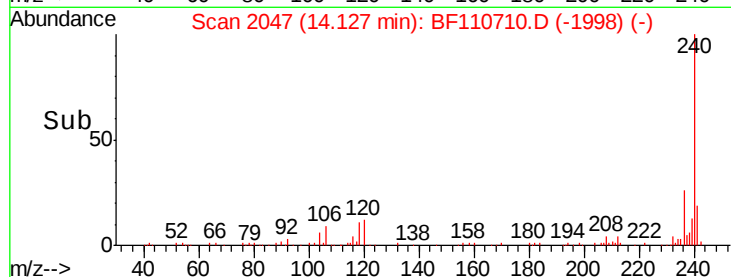
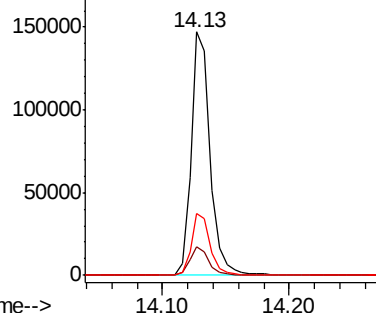
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110710.D
Acq: 13 Nov 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 152982
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.6 21.2 31.8

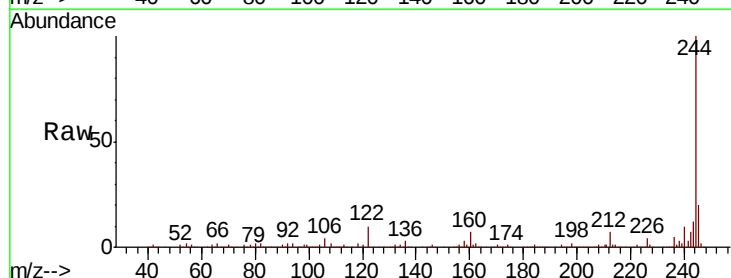


Abundance Ion 240.00 (239.70 to 240.70): E
200000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

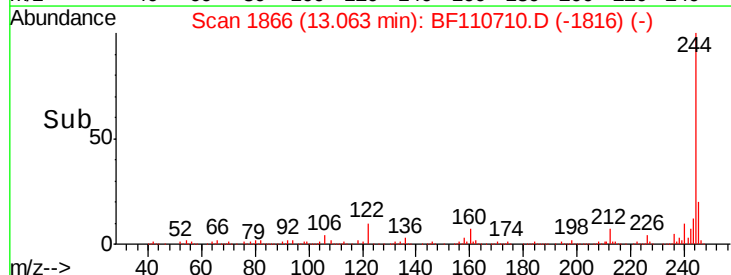
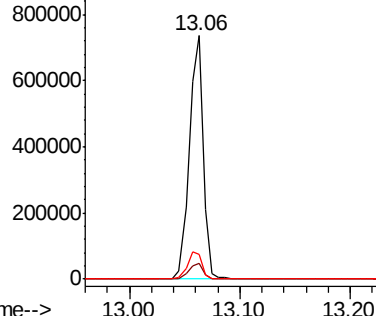


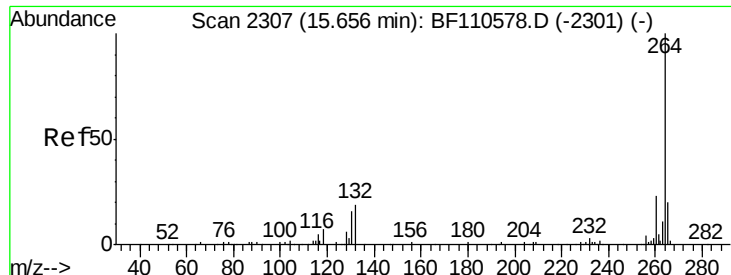
#79
Terphenyl-d14
Concen: 78.799 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110710.D
Acq: 13 Nov 2018 8:33

Tgt Ion:244 Resp: 643694
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 10.4 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E
1000000 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: BF110710.D
Acq: 13 Nov 2018 8:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.3	16.7	25.1

