

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110921.D
 Acq On : 21 Nov 2018 11:58
 Operator : JU/SJ
 Sample : J5957-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:29:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

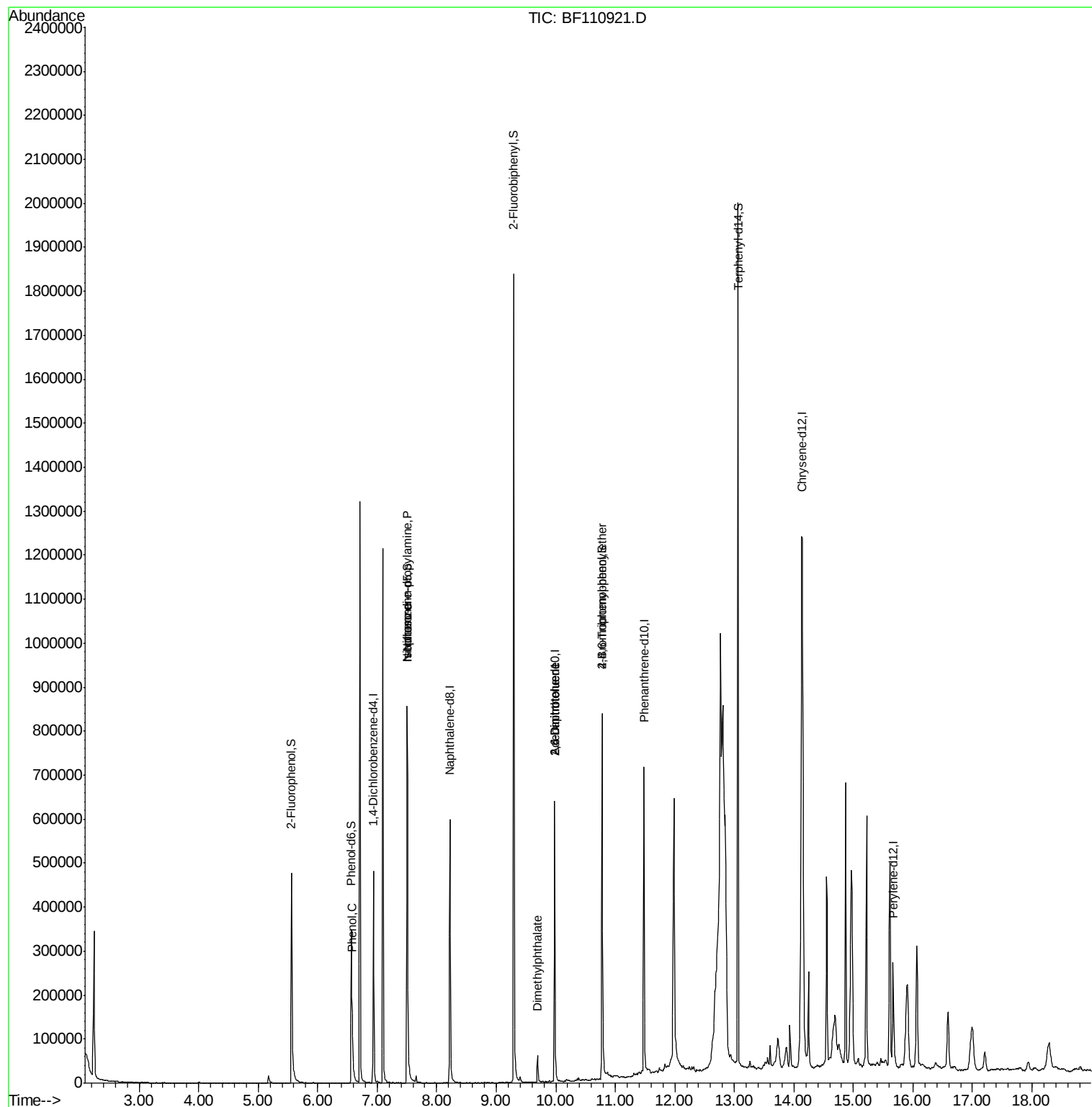
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	70485	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	290516	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	140510	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	276567	20.00	ng	0.00
76) Chrysene-d12	14.13	240	187354	20.00	ng	0.00
87) Perylene-d12	15.67	264	134487	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	176064	40.57	ng	0.00
7) Phenol-d6	6.56	99	139439	25.13	ng	-0.01
23) Nitrobenzene-d5	7.50	82	318382	63.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	114594	80.94	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	613706	62.38	ng	-0.01
79) Terphenyl-d14	13.06	244	631380	63.11	ng	0.00
Target Compounds						
10) Phenol	6.58	94	45982	7.146	ng	# 69
19) n-Nitroso-di-n-propylamine	7.50	70	41097	11.602	ng	# 81
25) Isophorone	7.50	82	318381	38.507	ng	# 67
50) Dimethylphthalate	9.69	163	29654	2.828	ng	# 99
51) 2,6-Dinitrotoluene	9.98	165	17807	7.721	ng	# 22
57) 2,4-Dinitrotoluene	9.98	165	17807	5.938	ng	# 18
67) 4-Bromophenyl-phenylether	10.78	248	7296	2.387	ng	# 1

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

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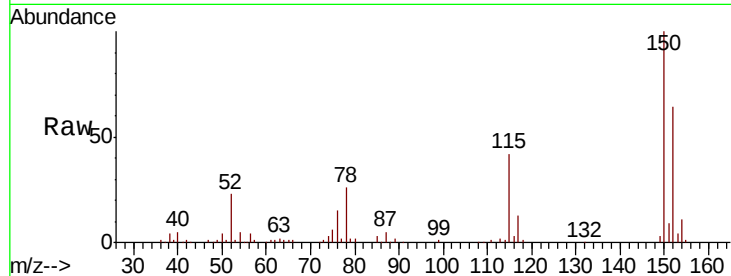




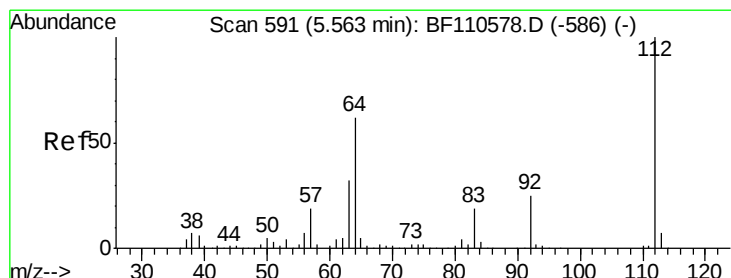
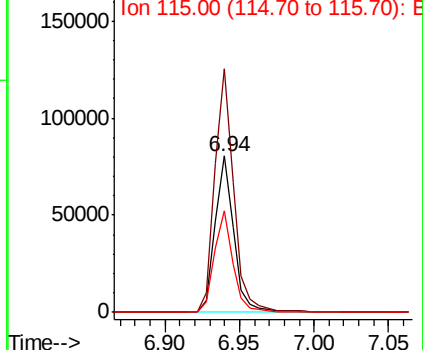
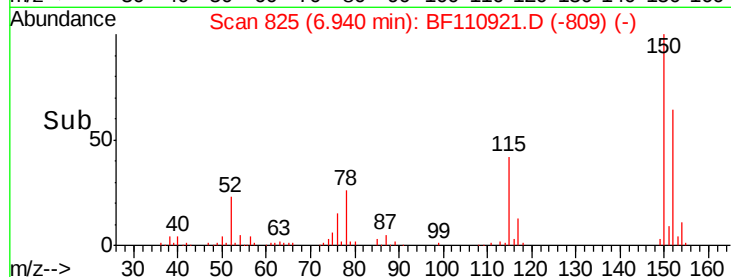
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 70485
 Ion Ratio Lower Upper
 152 100
 150 155.7 122.7 184.1
 115 64.9 49.1 73.7

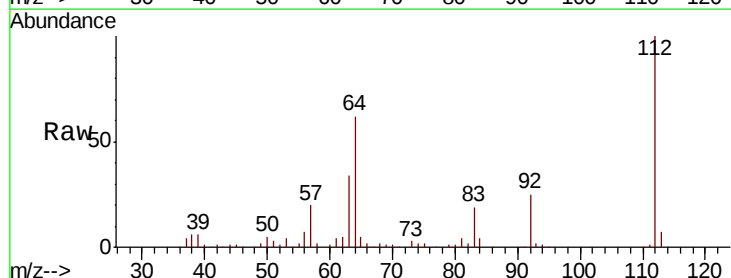


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

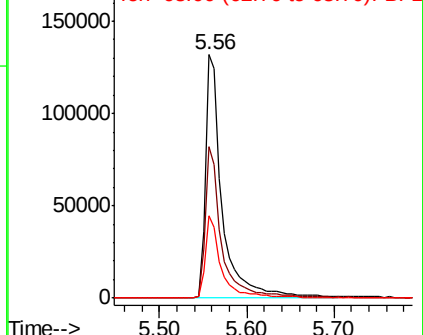
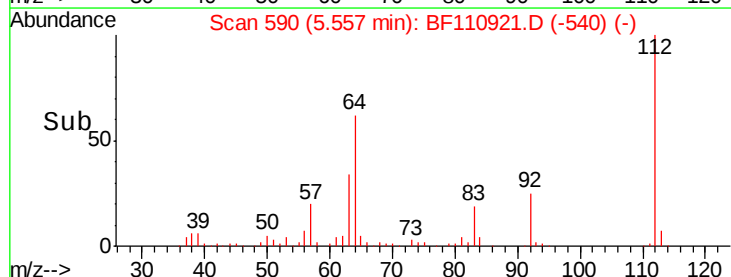


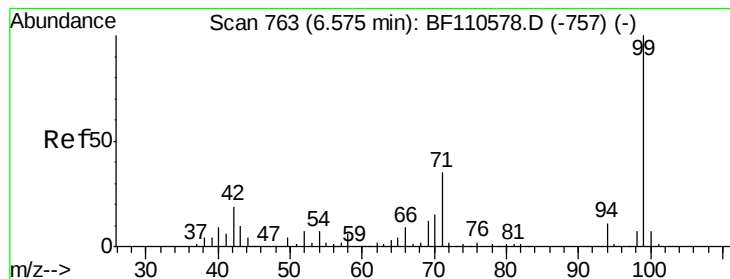
#5
 2-Fluorophenol
 Concen: 40.574 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Tgt Ion:112 Resp: 176064
 Ion Ratio Lower Upper
 112 100
 64 62.2 44.1 66.1
 63 33.7 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: 25.129 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110921.D

Acq: 21 Nov 2018 11:58

Instrument :

BNA_F

ClientSampleId :

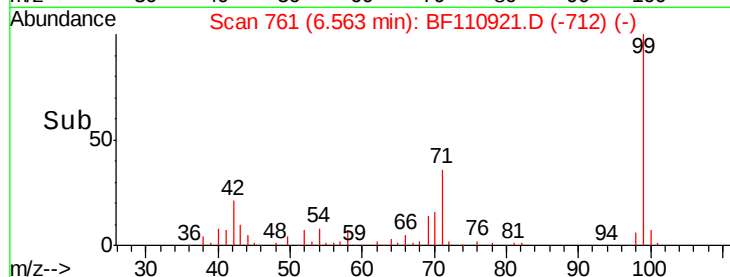
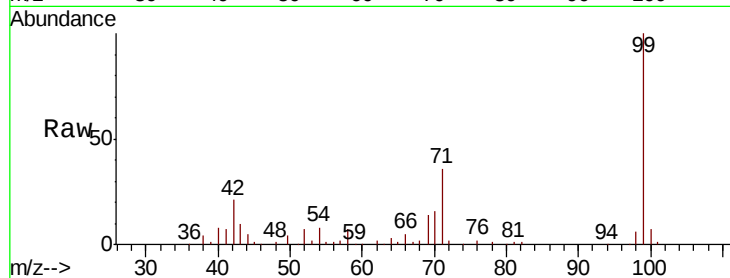
Tot Ion: 99 Resp: 139439

Ion Ratio Lower Upper

99 100

42 20.8 15.8 23.6

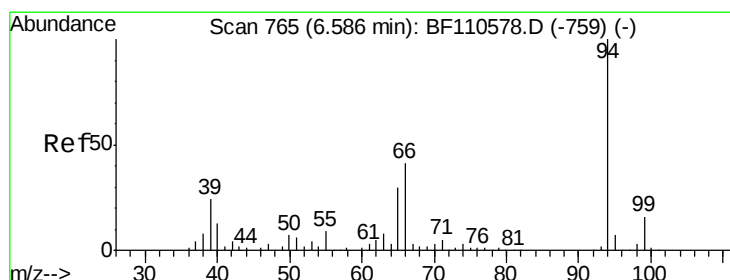
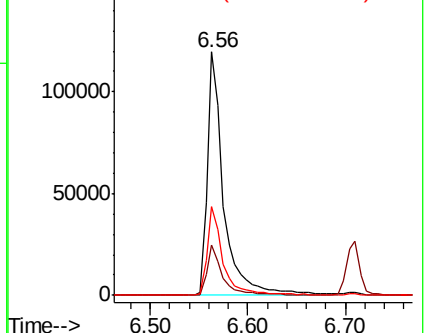
71 36.2 28.0 42.0



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



#10

Phenol

Concen: 7.146 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110921.D

Acq: 21 Nov 2018 11:58

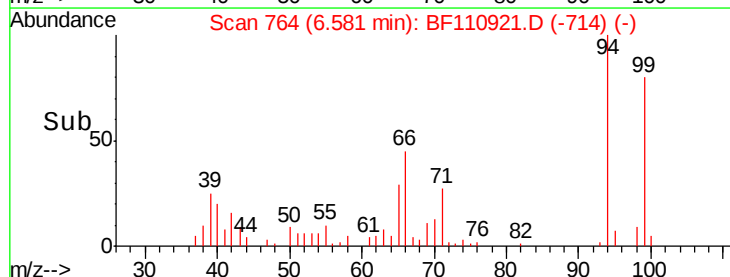
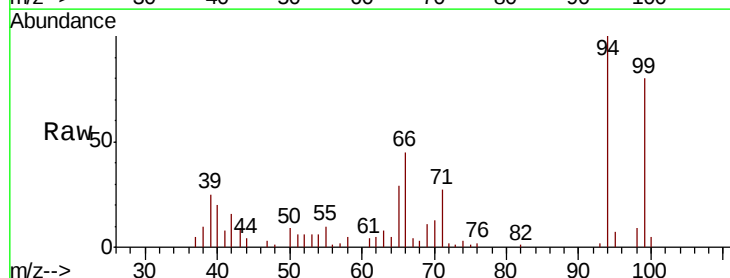
Tgt Ion: 94 Resp: 45982

Ion Ratio Lower Upper

94 100

65 29.3 25.3 65.3

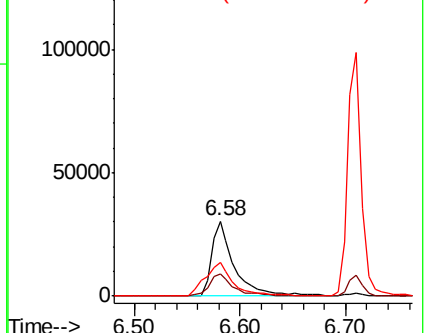
66 44.7 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

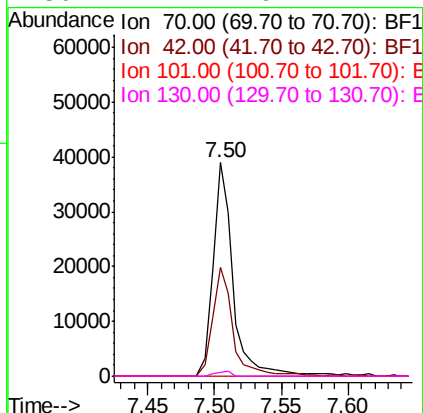
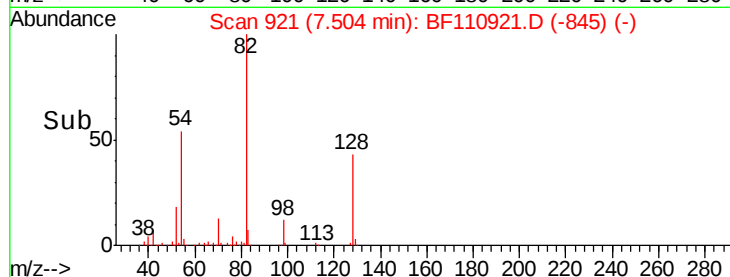
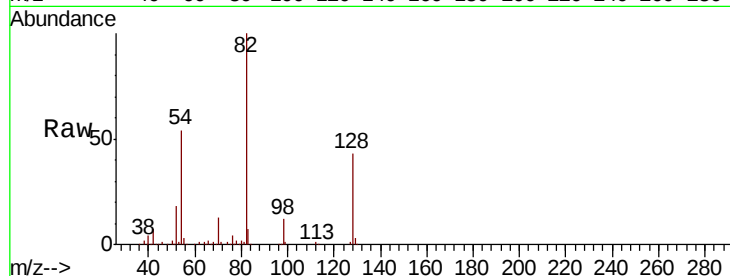




#19
n-Nitroso-di-n-propylamine
Concen: 11.602 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110921.D
Acq: 21 Nov 2018 11:58

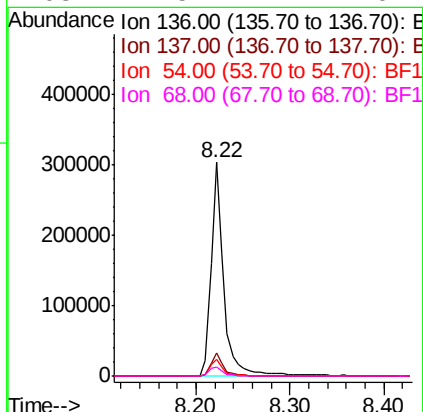
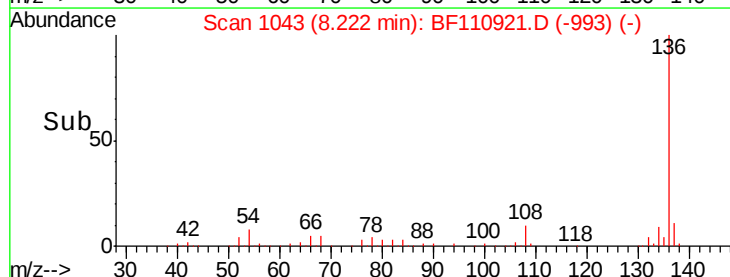
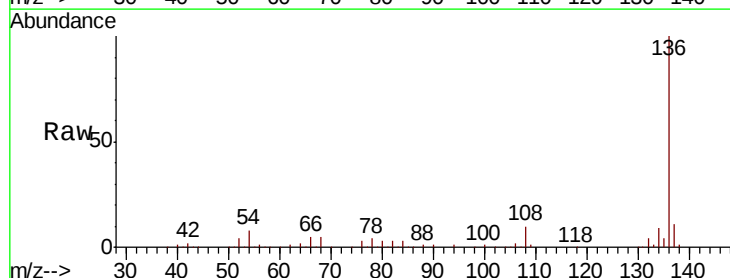
Instrument :
BNA_F
ClientSampled :

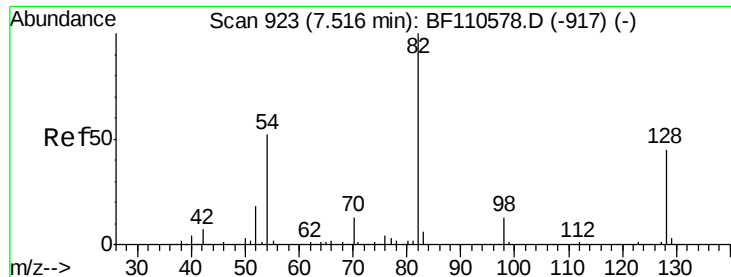
Tot Ion: 70 Resp: 41097
Ion Ratio Lower Upper
70 100
42 51.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110921.D
Acq: 21 Nov 2018 11:58

Tgt Ion: 136 Resp: 290516
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 5.4 8.2
68 4.5 4.2 6.2

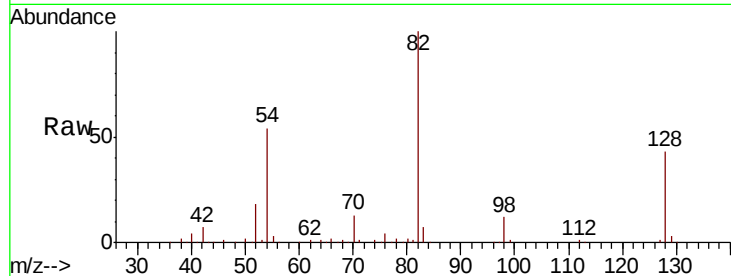




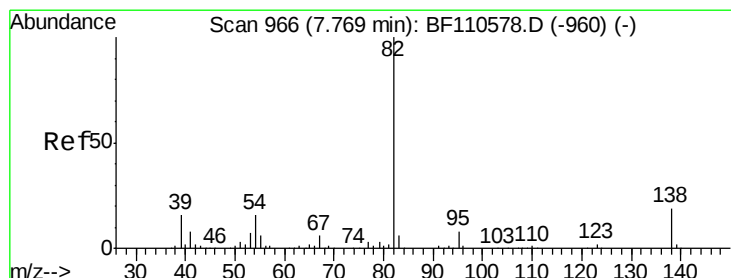
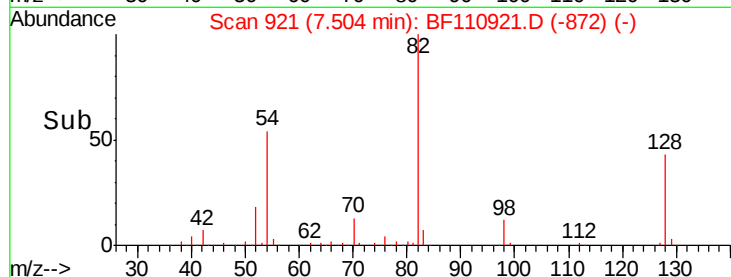
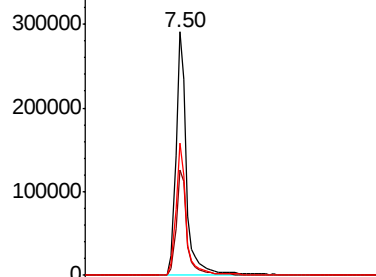
#23
 Nitrobenzene-d5
 Concen: 63.113 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 318382
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.2 51.2
 54 54.5 38.6 58.0

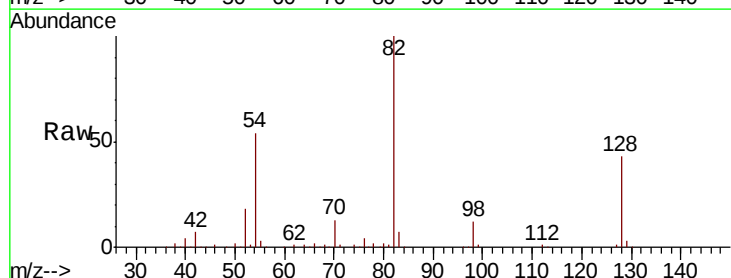


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

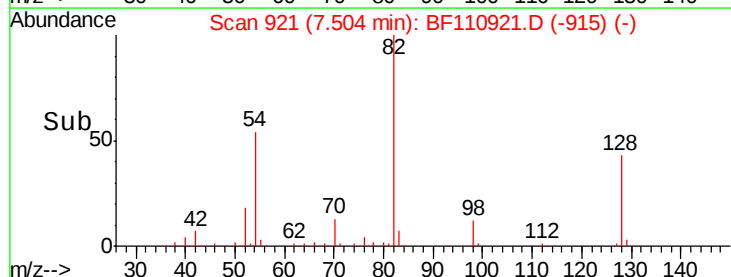
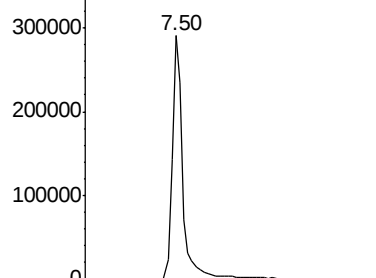


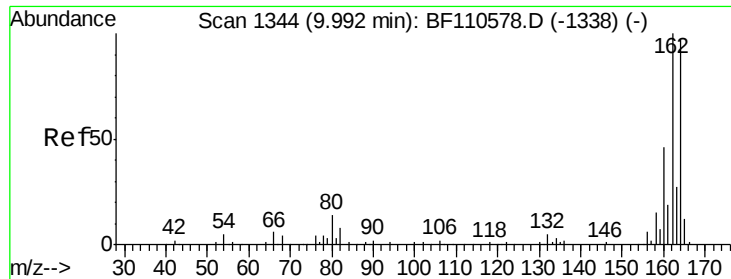
#25
 Isophorone
 Concen: 38.507 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Tgt Ion: 82 Resp: 318381
 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

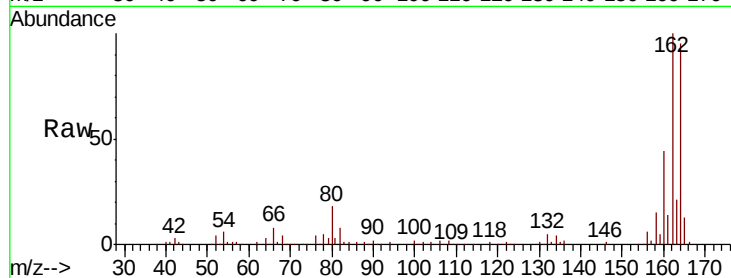




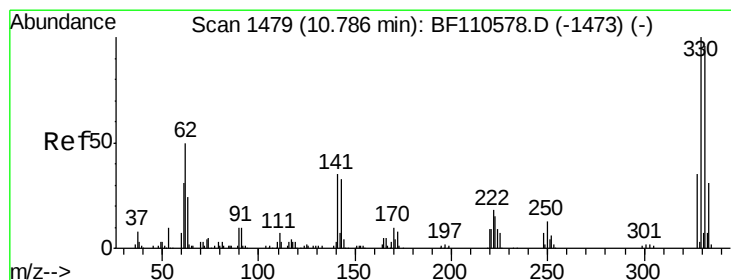
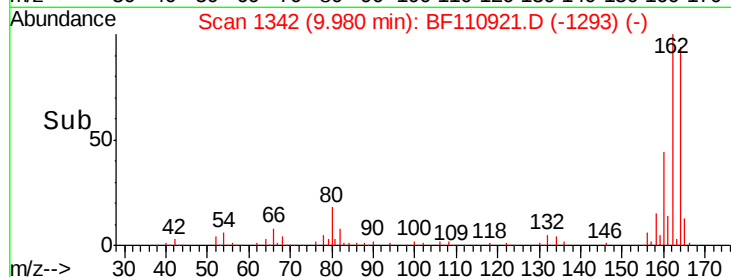
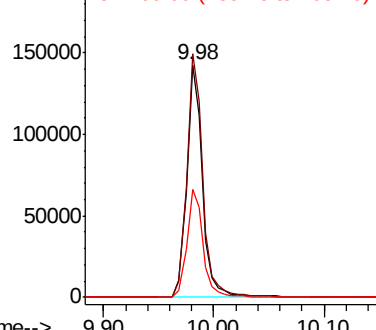
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110921.D
Acq: 21 Nov 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 140510
Ion Ratio Lower Upper
164 100
162 104.8 83.0 124.6
160 46.2 37.0 55.6

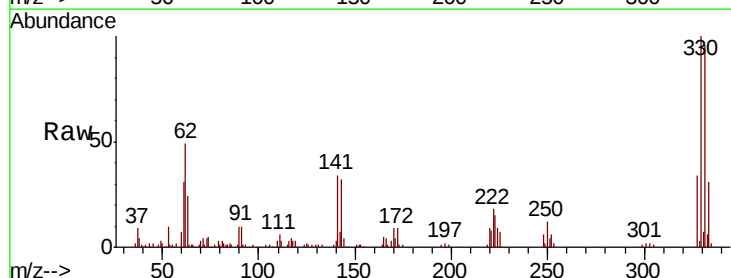


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

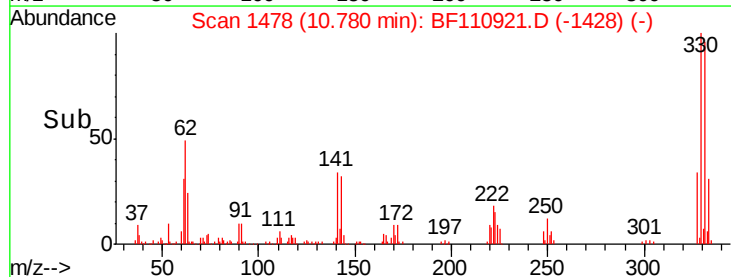
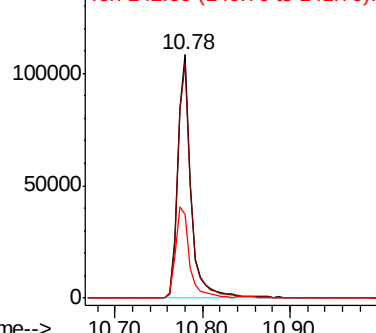


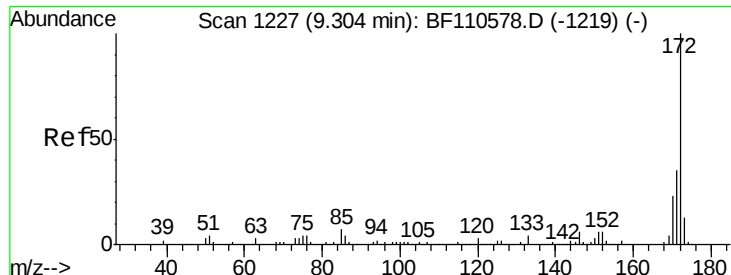
#42
2,4,6-Tribromophenol
Concen: 80.939 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110921.D
Acq: 21 Nov 2018 11:58

Tgt Ion:330 Resp: 114594
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 39.4 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

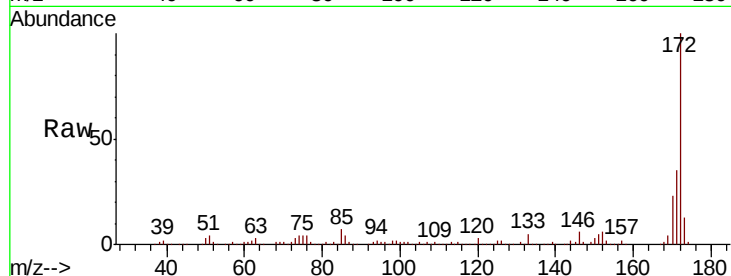




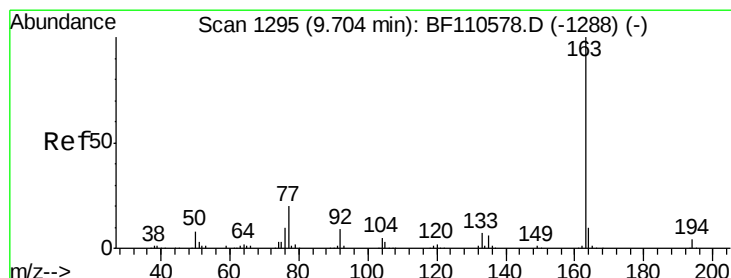
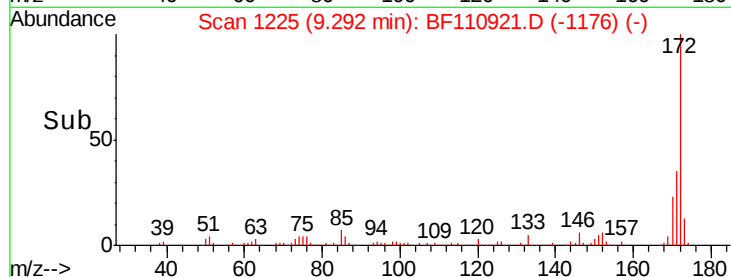
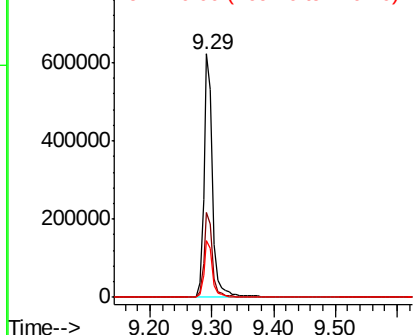
#45
2-Fluorobiphenyl
Concen: 62.379 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110921.D
Acq: 21 Nov 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 613706
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.1 19.7 29.5

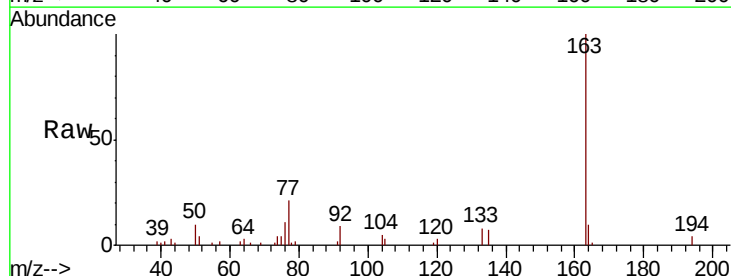


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

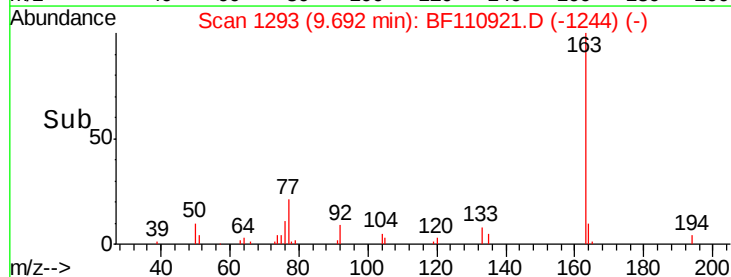
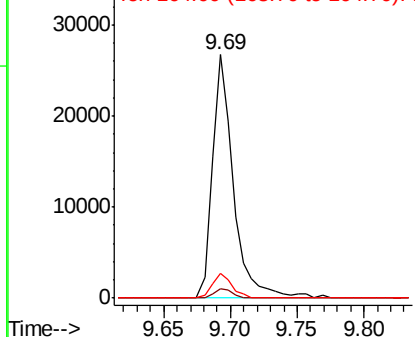


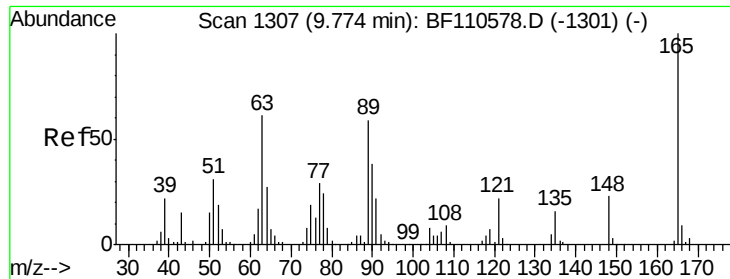
#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110921.D
Acq: 21 Nov 2018 11:58

Tgt Ion:163 Resp: 29654
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.1 12.1



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

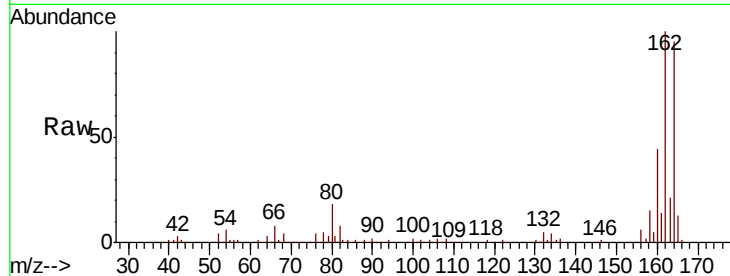




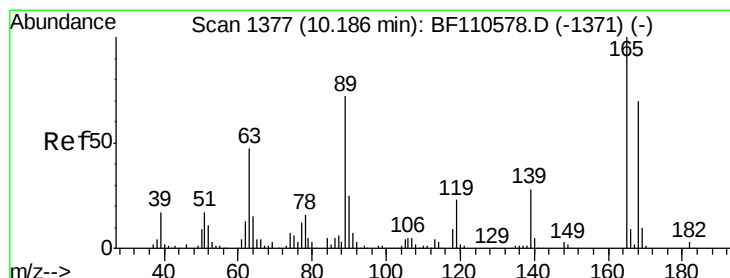
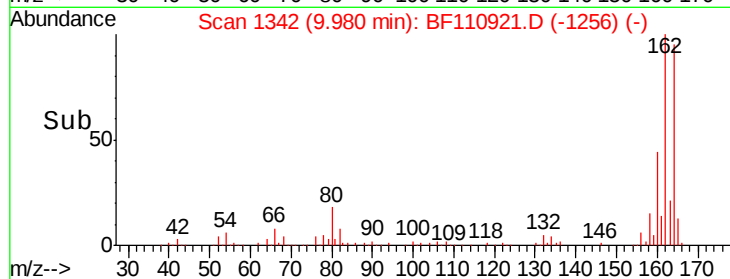
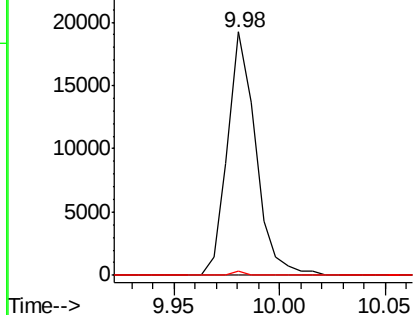
#51
 2,6-Dinitrotoluene
 Concen: 7.721 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.6	46.6	69.8#



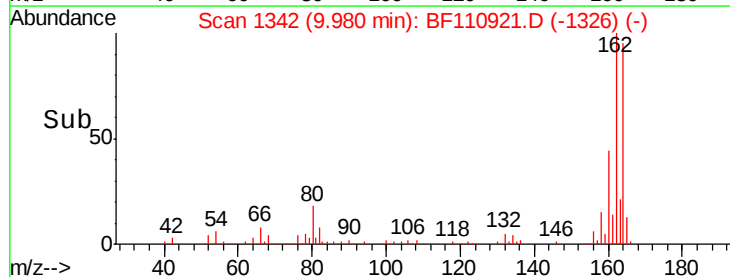
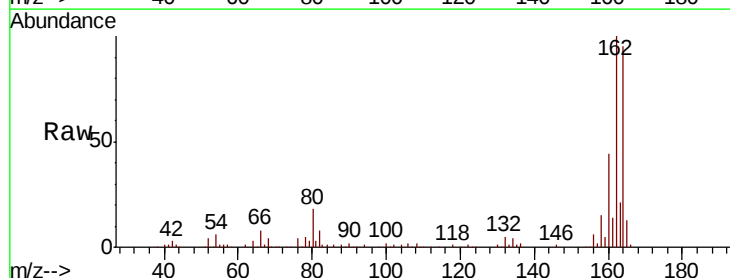
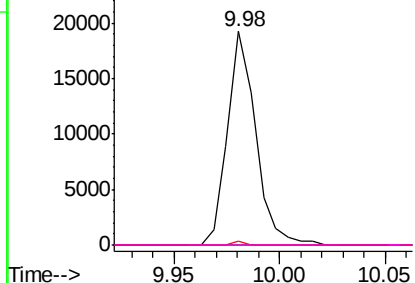
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

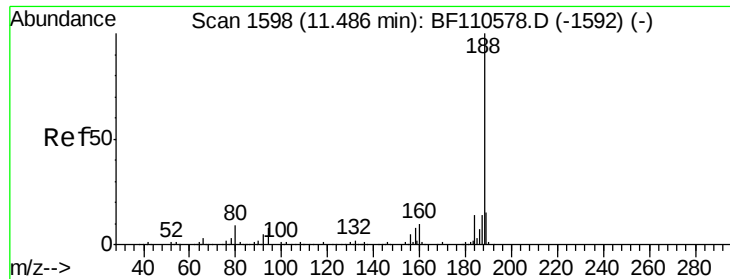


#57
 2,4-Dinitrotoluene
 Concen: 5.938 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	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

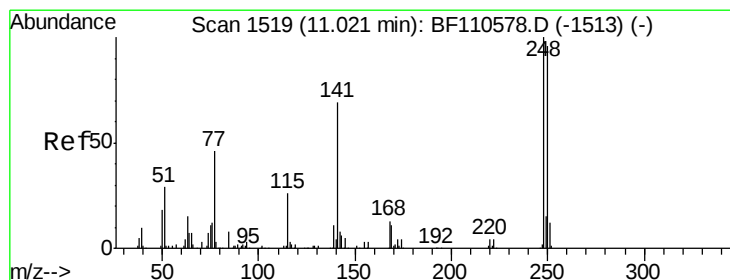
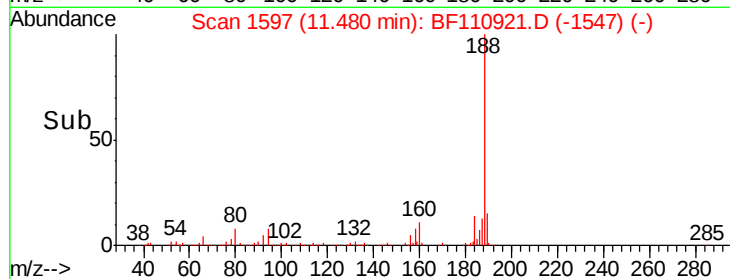
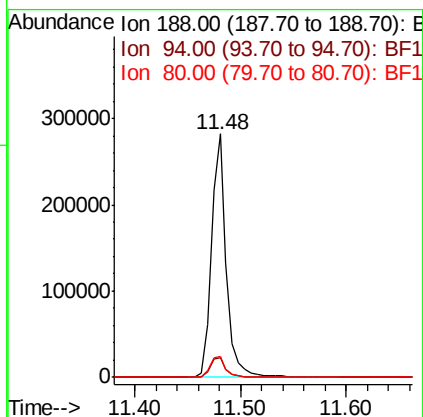
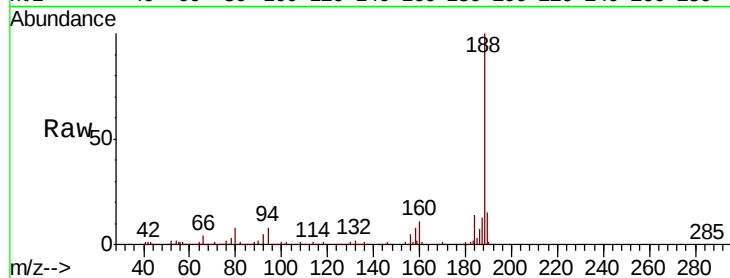




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

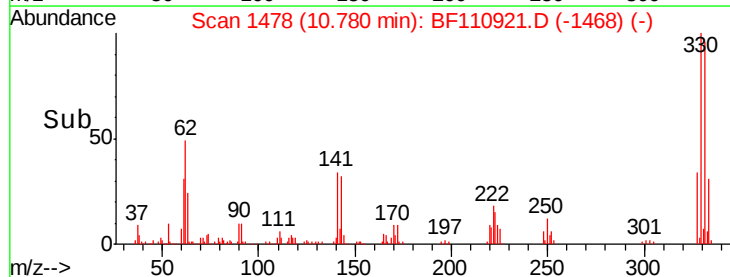
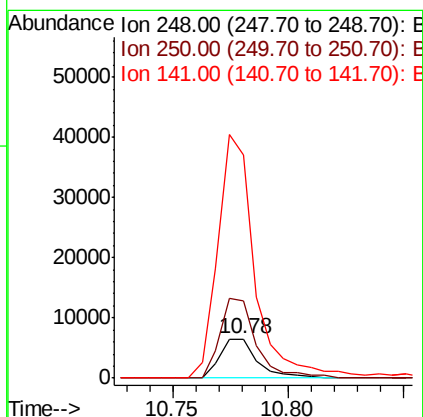
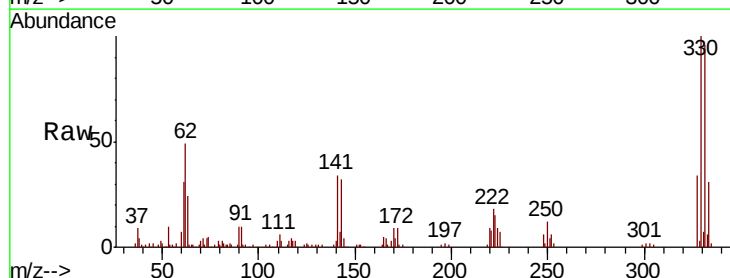
Instrument :
 BNA_F
 ClientSampleId :

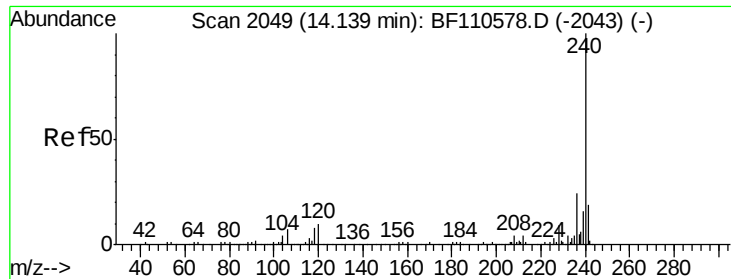
Tot Ion:188 Resp: 276567
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.2 10.8
 80 8.4 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.387 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Tgt Ion:248 Resp: 7296
 Ion Ratio Lower Upper
 248 100
 250 198.1 79.4 119.2#
 141 572.0 55.9 83.9#

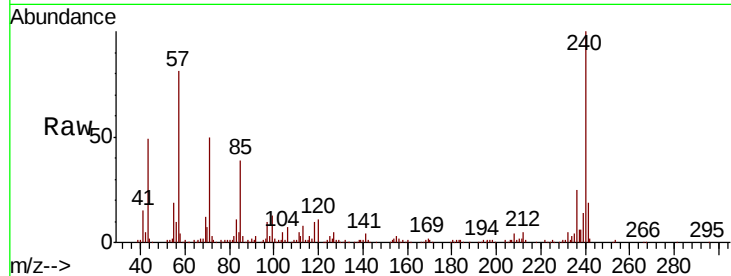




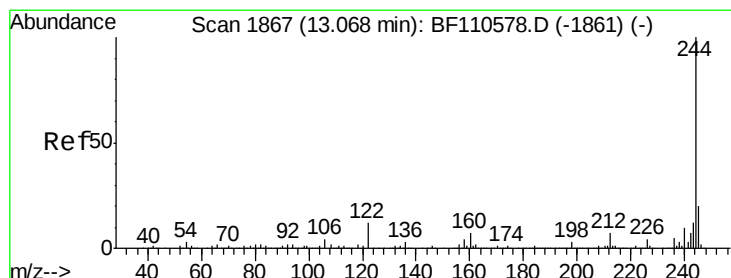
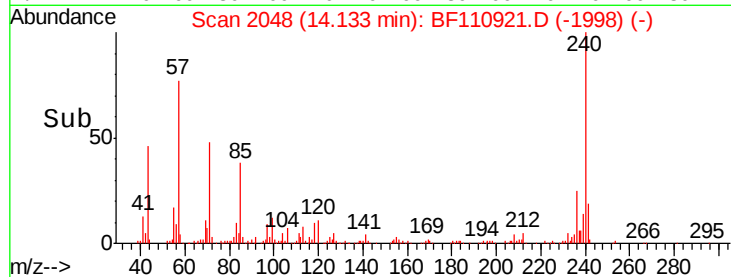
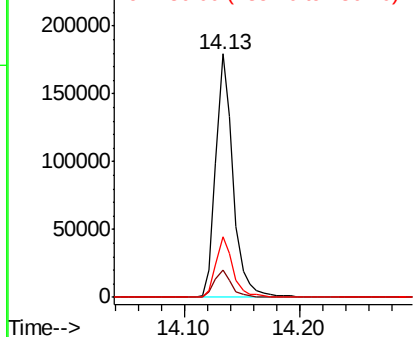
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 187354
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.3 12.5
 236 24.7 21.2 31.8

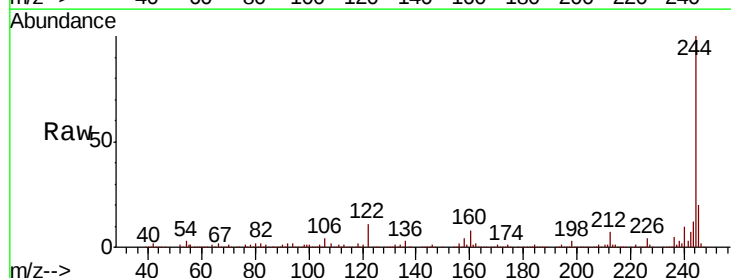


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

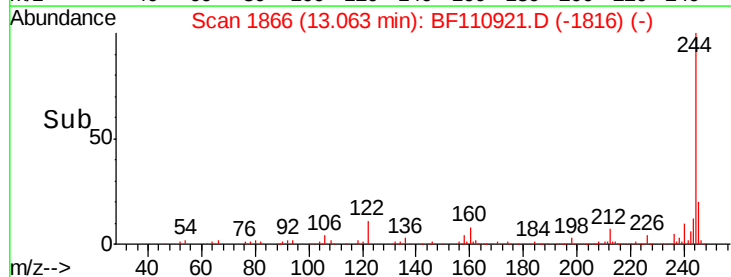
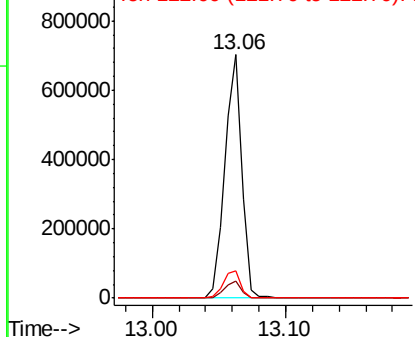


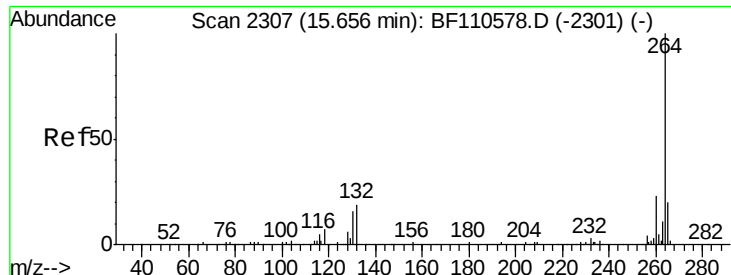
#79
 Terphenyl-d14
 Concen: 63.112 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110921.D
 Acq: 21 Nov 2018 11:58

Tgt Ion:244 Resp: 631380
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.2 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

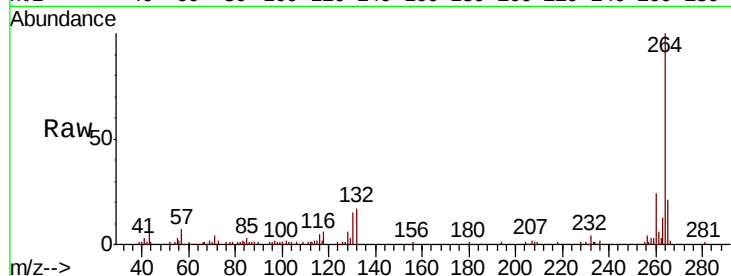




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110921.D
Acq: 21 Nov 2018 11:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.4	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

