

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110893.D
 Acq On : 20 Nov 2018 14:44
 Operator : JU/SJ
 Sample : J5996-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 16:02:43 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

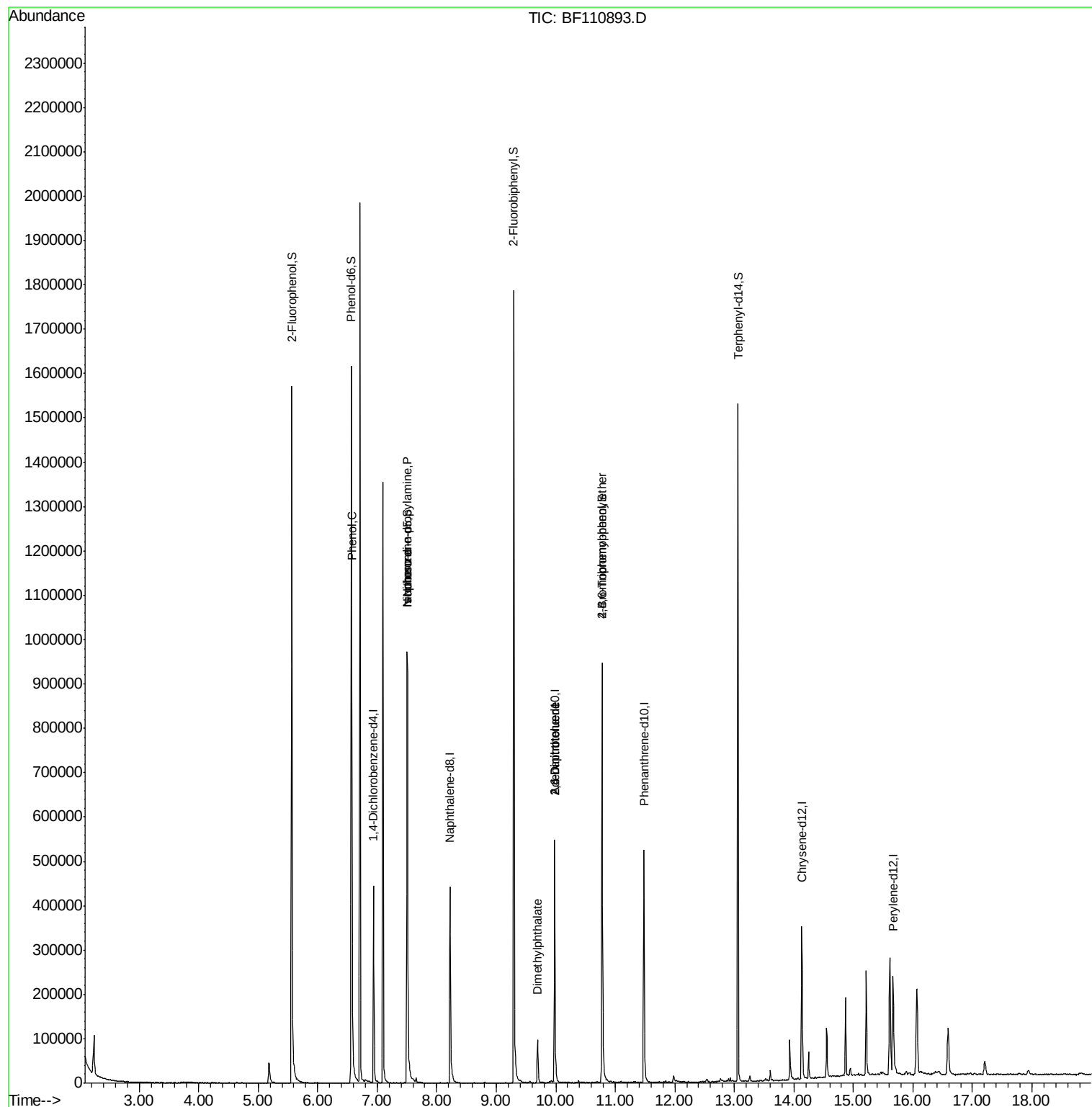
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62163	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	257634	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	123952	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	233440	20.00	ng	0.00
76) Chrysene-d12	14.13	240	140037	20.00	ng	0.00
87) Perylene-d12	15.66	264	140775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	466731	121.96	ng	0.00
7) Phenol-d6	6.57	99	582751	119.08	ng	0.00
23) Nitrobenzene-d5	7.50	82	379630	84.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	134324	107.55	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	658822	75.91	ng	0.00
79) Terphenyl-d14	13.06	244	547122	73.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1008	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	30169	5.316 ng	#	76
19) n-Nitroso-di-n-propylamine	7.50	70	50835	16.273 ng	#	82
25) Isophorone	7.50	82	379652	51.778 ng	#	67
50) Dimethylphthalate	9.69	163	52884	5.718 ng		99
51) 2,6-Dinitrotoluene	9.98	165	15754	7.743 ng	#	22
57) 2,4-Dinitrotoluene	9.98	165	15754	5.955 ng	#	18
67) 4-Bromophenyl-phenylether	10.78	248	8099	3.139 ng	#	1

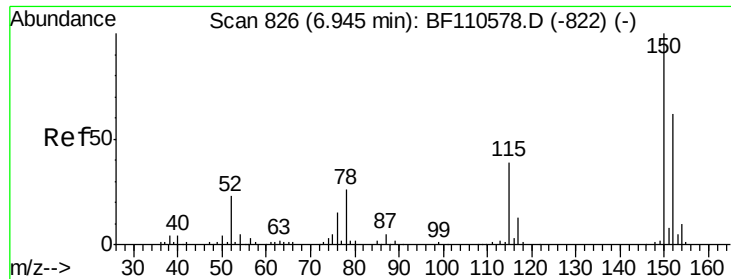
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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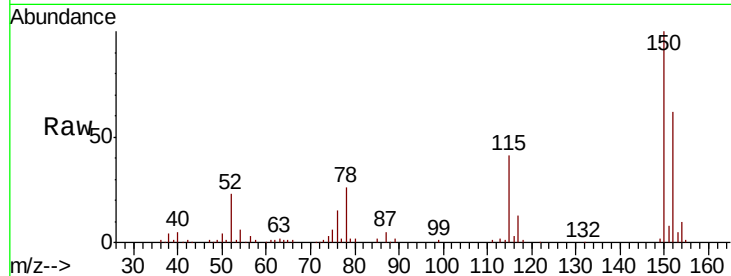


#1

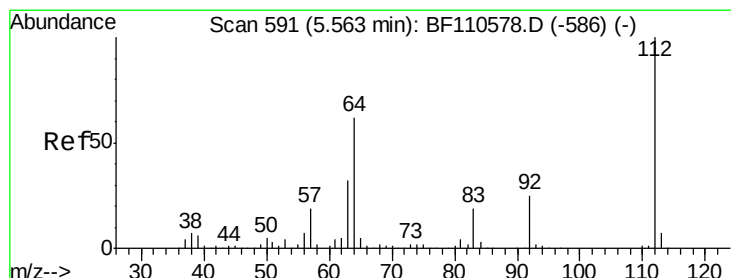
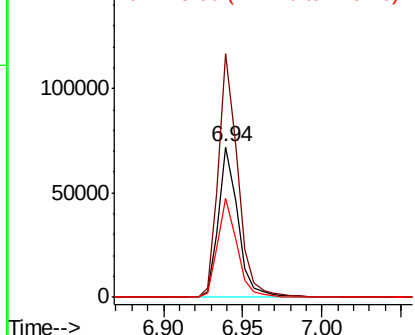
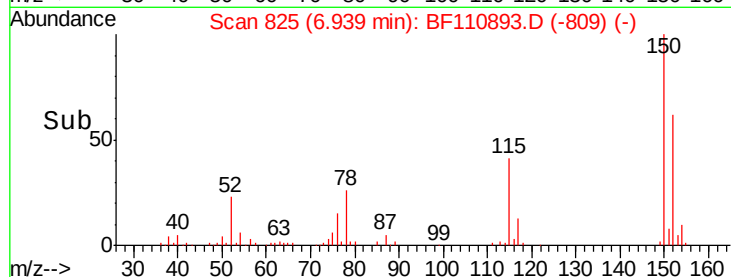
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62163
Ion Ratio Lower Upper
152 100
150 161.5 122.7 184.1
115 65.9 49.1 73.7



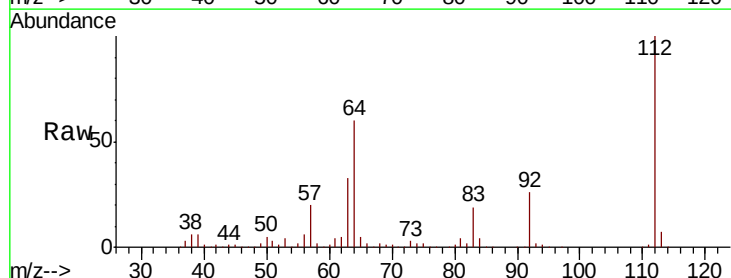
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



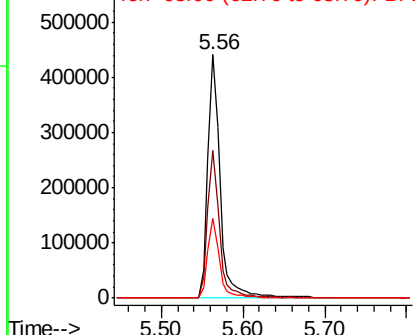
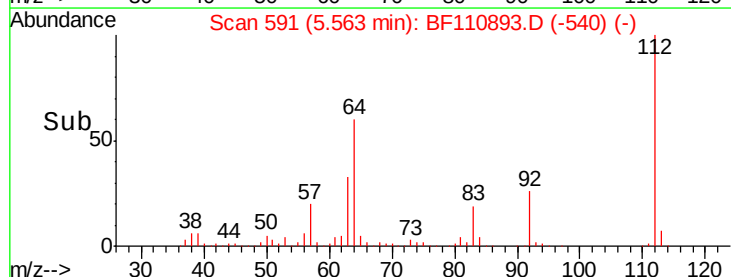
#5

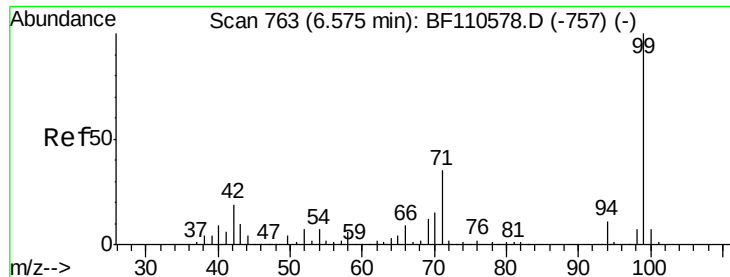
2-Fluorophenol
Concen: 121.956 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt Ion:112 Resp: 466731
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 32.8 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: 119.078 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110893.D

Acq: 20 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

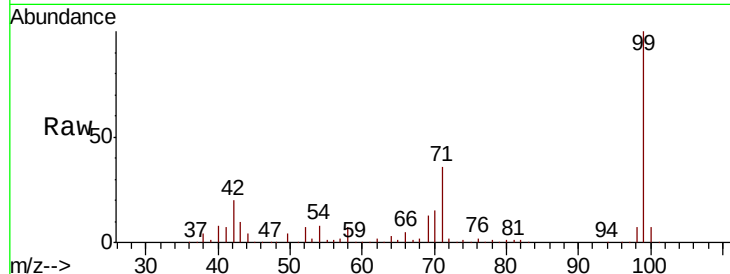
Tot Ion: 99 Resp: 582751

Ion Ratio Lower Upper

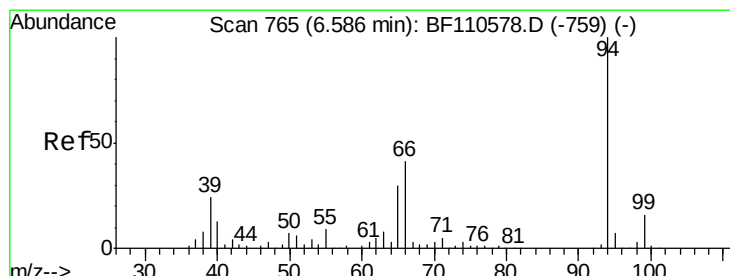
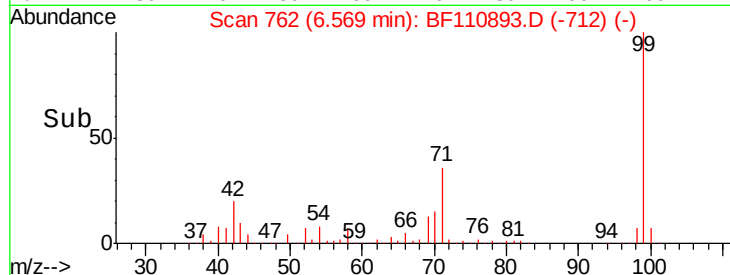
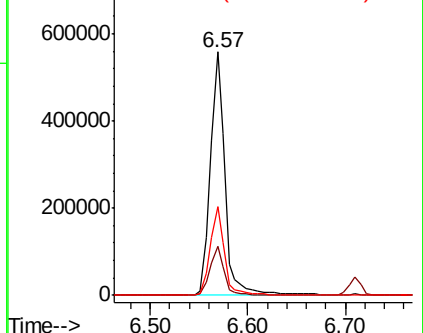
99 100

42 20.3 15.8 23.6

71 36.3 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: 5.316 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110893.D

Acq: 20 Nov 2018 14:44

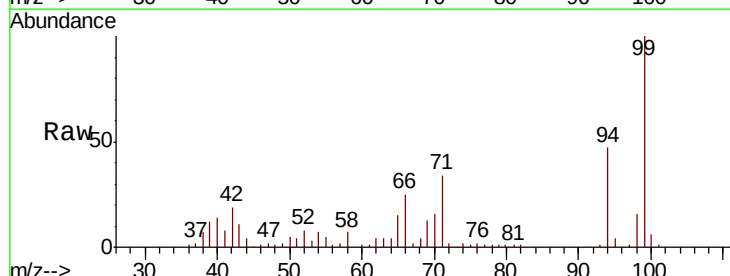
Tgt Ion: 94 Resp: 30169

Ion Ratio Lower Upper

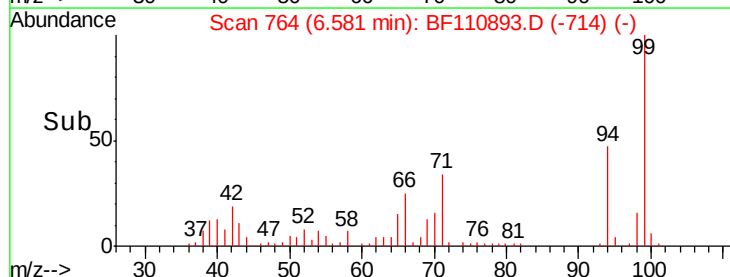
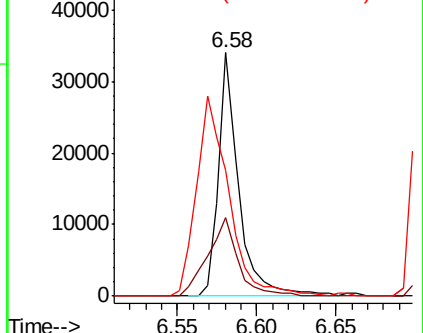
94 100

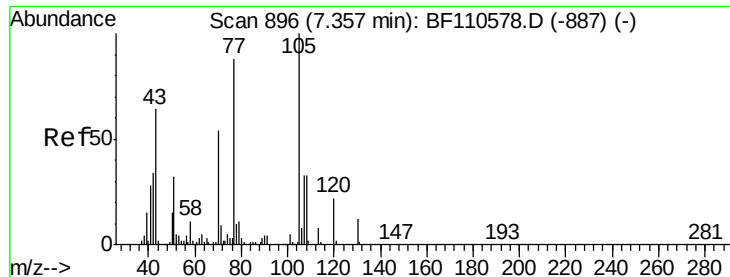
65 32.2 25.3 65.3

66 51.8 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

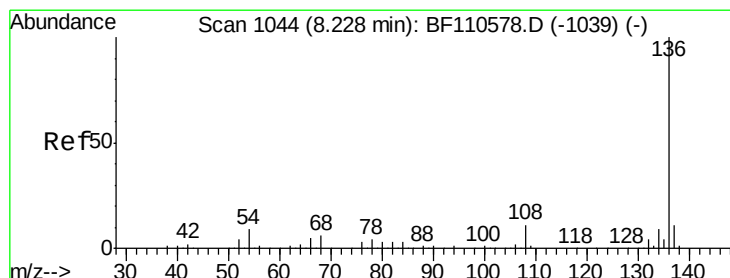
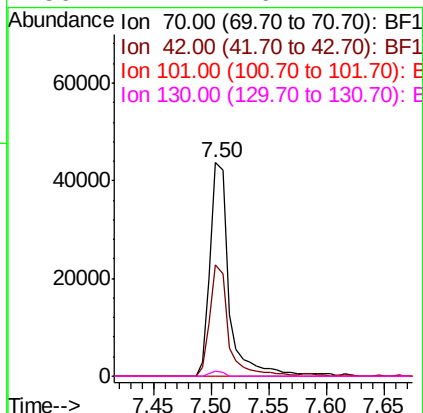
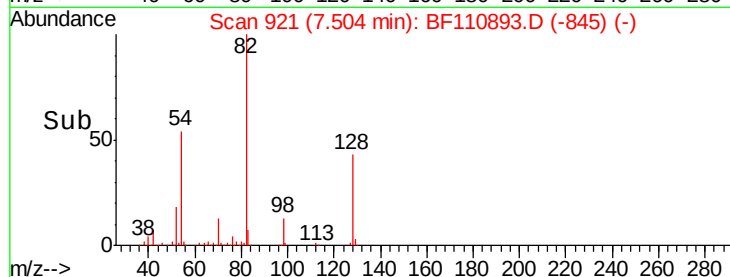
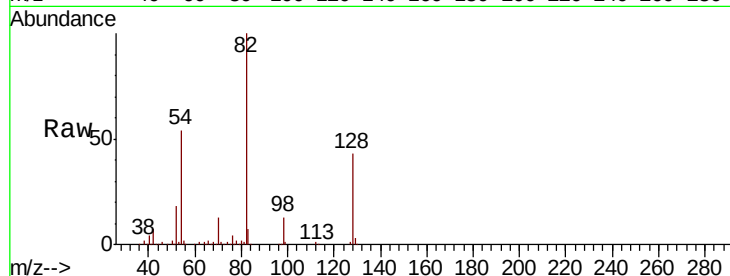




#19
n-Nitroso-di-n-propylamine
Concen: 16.273 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

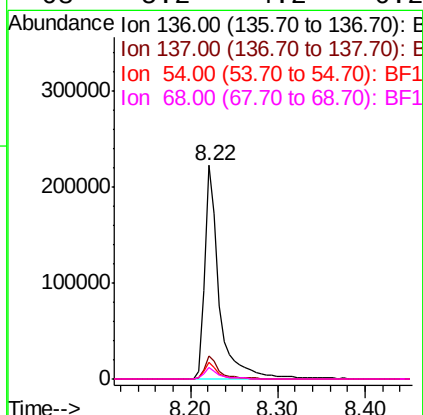
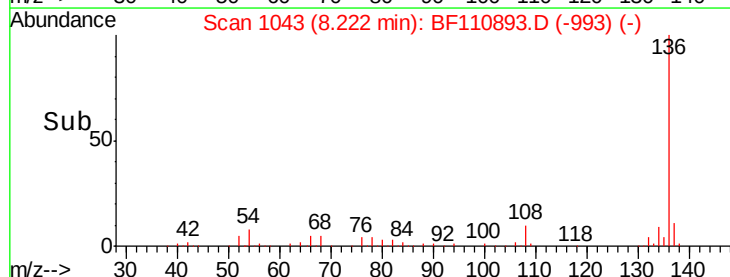
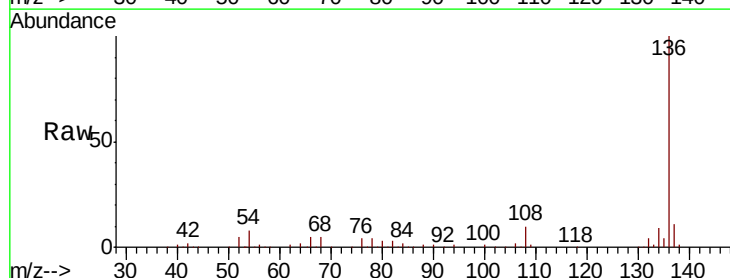
Instrument :
BNA_F
ClientSampleId :

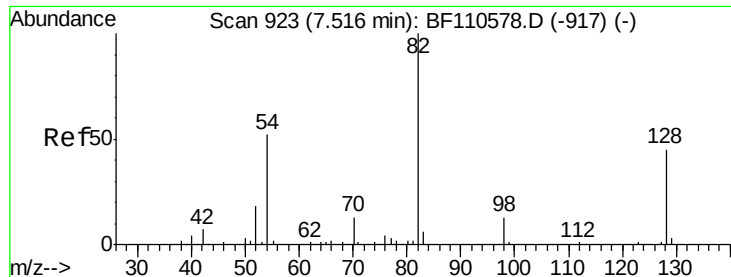
Tot Ion: 70 Resp: 50835
Ion Ratio Lower Upper
70 100
42 51.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt Ion:136 Resp: 257634
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.1 5.4 8.2
68 5.2 4.2 6.2

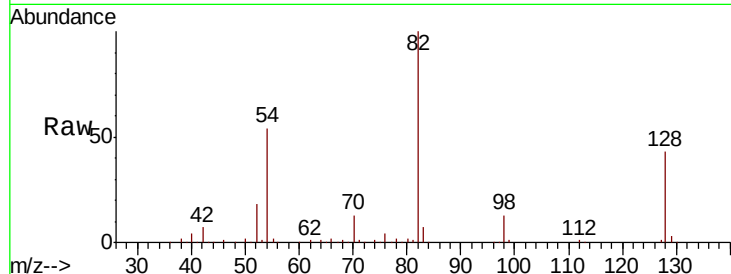




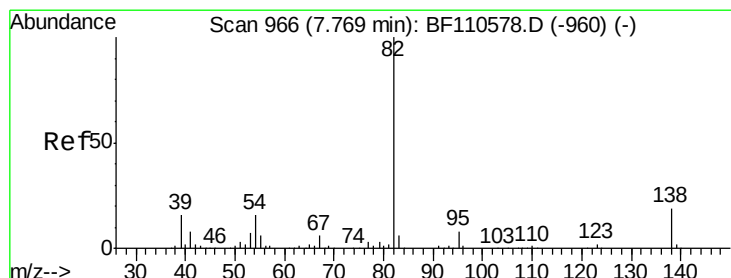
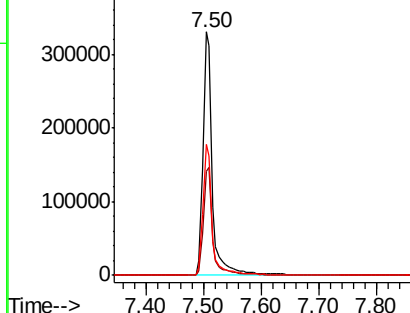
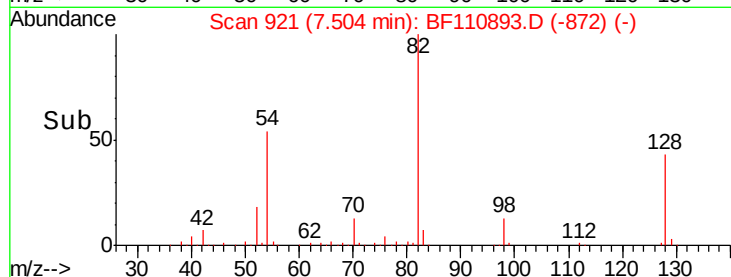
#23
Nitrobenzene-d5
Concen: 84.860 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	379630
Ion Ratio	Lower	Upper	
82	100		
128	42.7	34.2	51.2
54	53.8	38.6	58.0

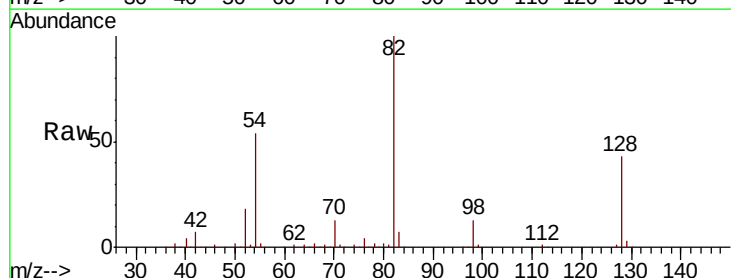


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

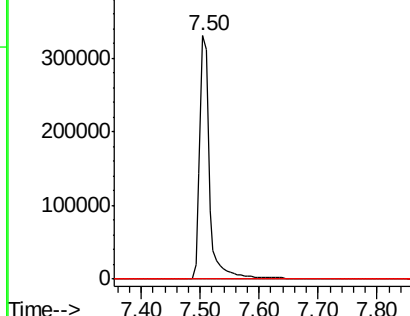
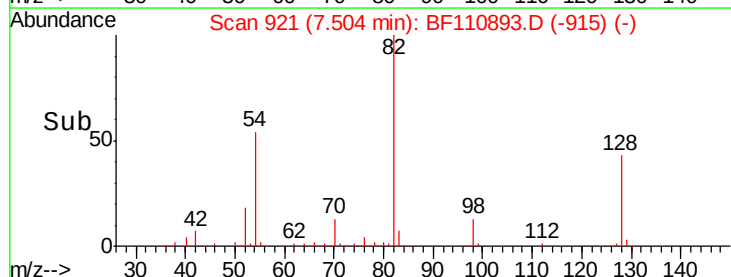


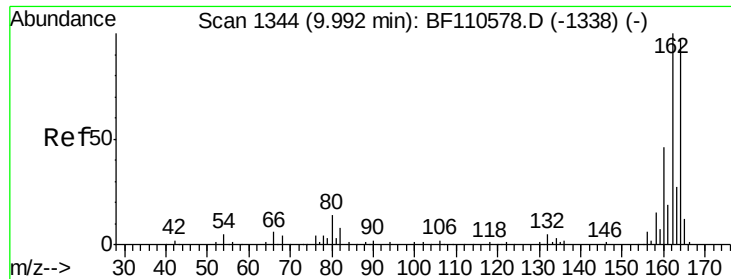
#25
Isophorone
Concen: 51.778 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt Ion	82	Resp	379652
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): E

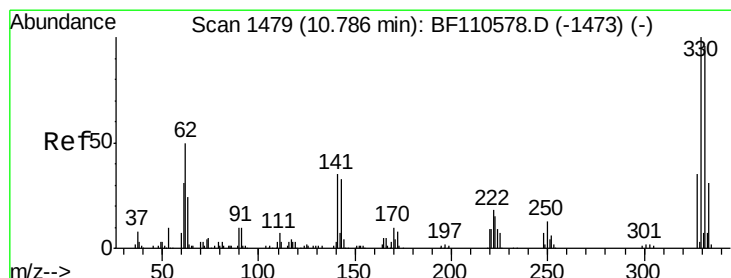
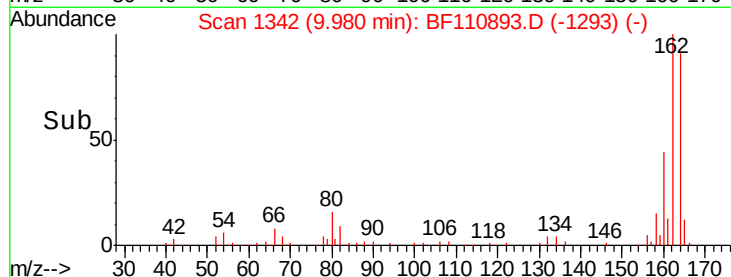
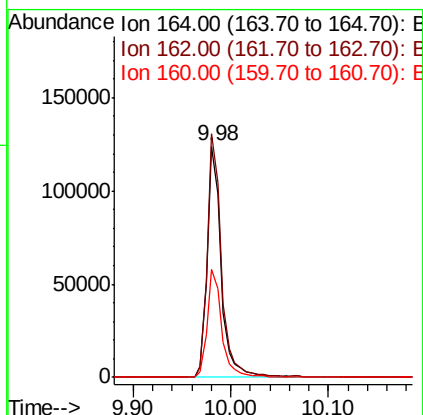
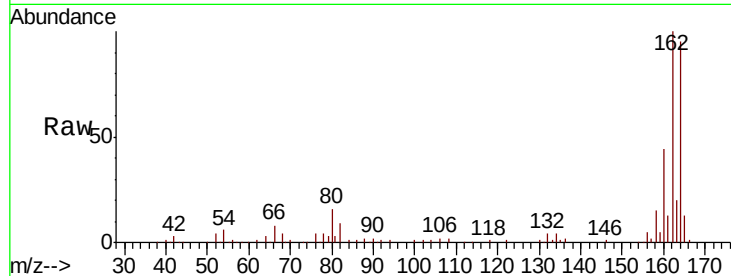




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

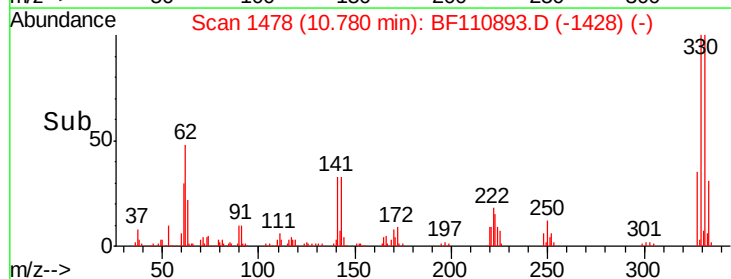
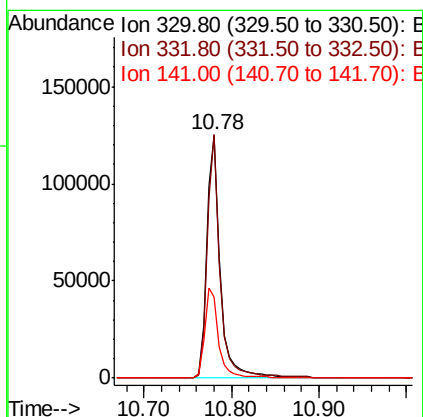
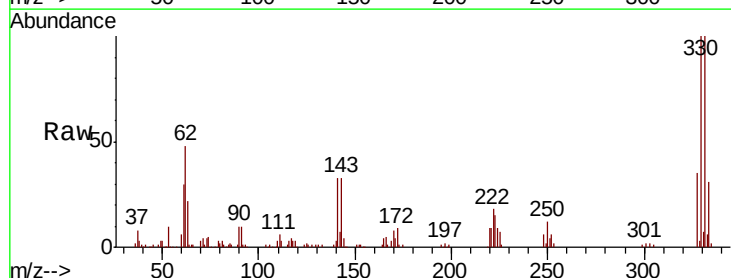
Instrument :
BNA_F
ClientSampleId :

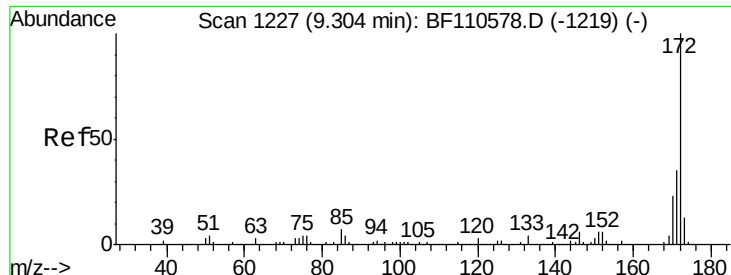
Tot Ion:164 Resp: 123952
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.6
160 46.6 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 107.548 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt Ion:330 Resp: 134324
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 38.7 27.0 40.4

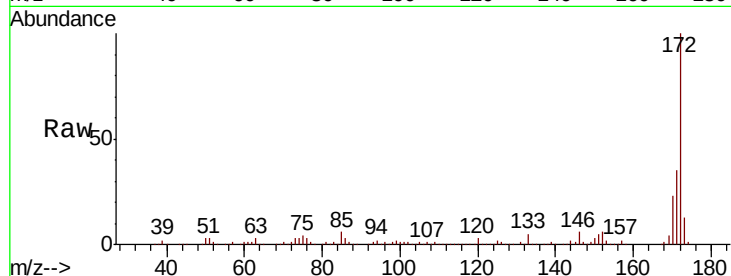




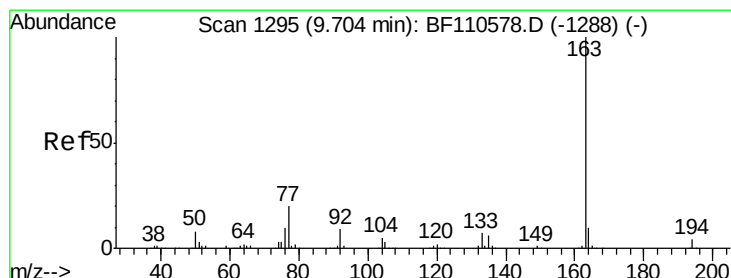
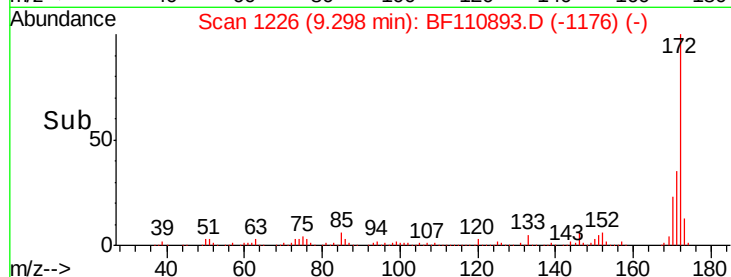
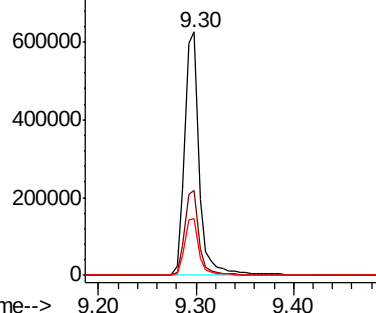
#45
2-Fluorobiphenyl
Concen: 75.910 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 658822
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.3 19.7 29.5

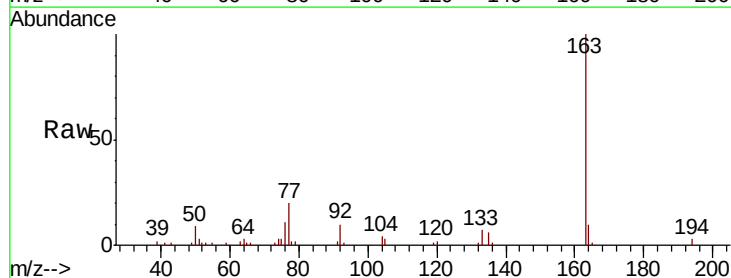


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

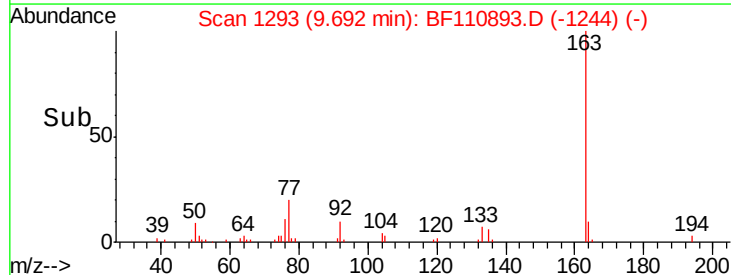
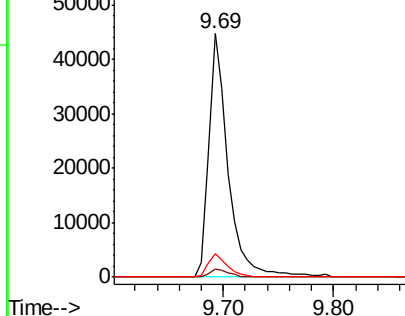


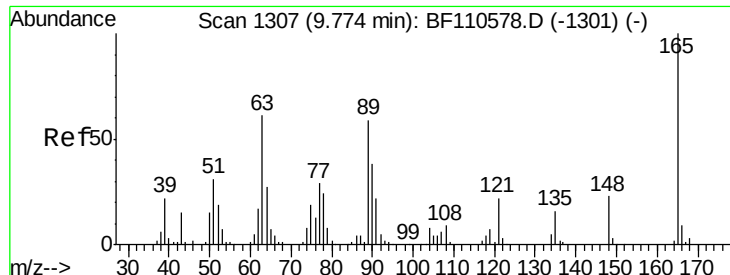
#50
Dimethylphthalate
Concen: 5.718 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt Ion:163 Resp: 52884
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8
164 9.8 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

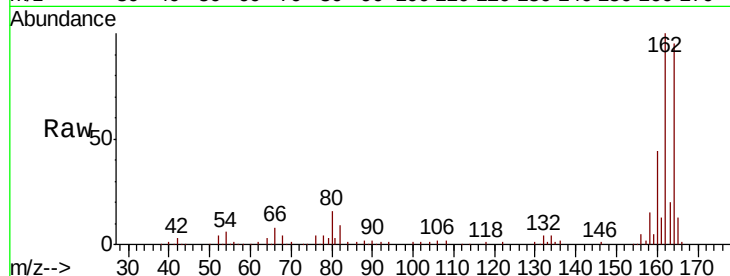




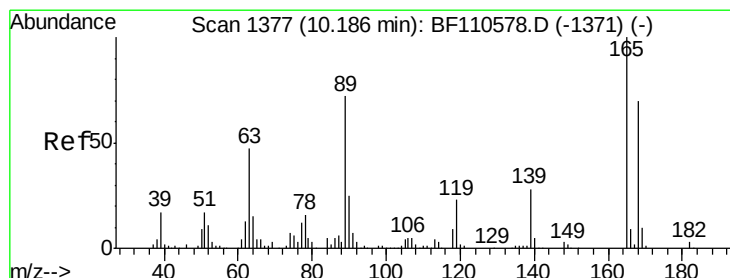
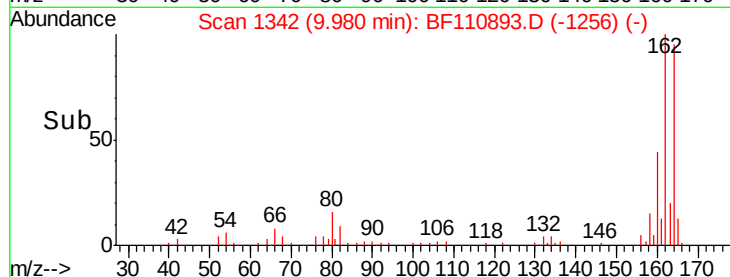
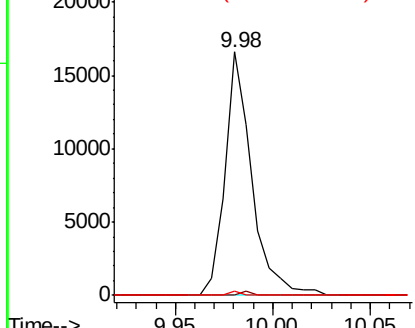
#51
2,6-Dinitrotoluene
Concen: 7.743 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.8	46.6	69.8#



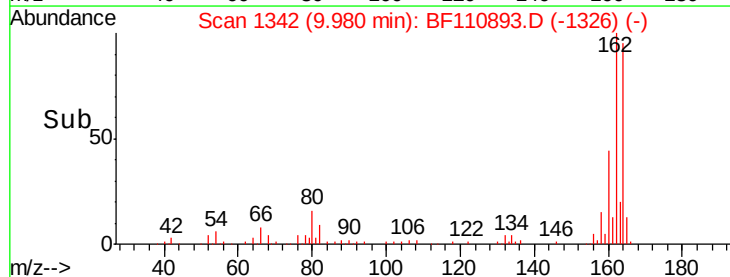
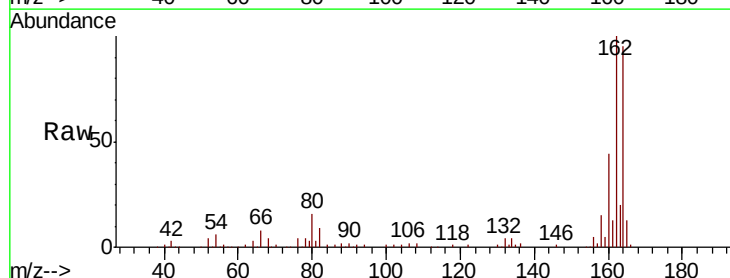
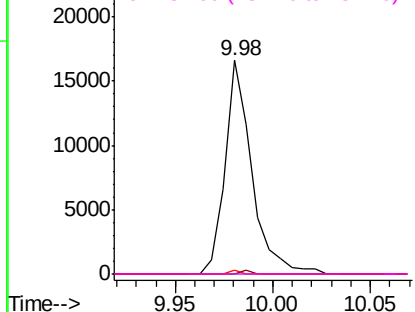
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

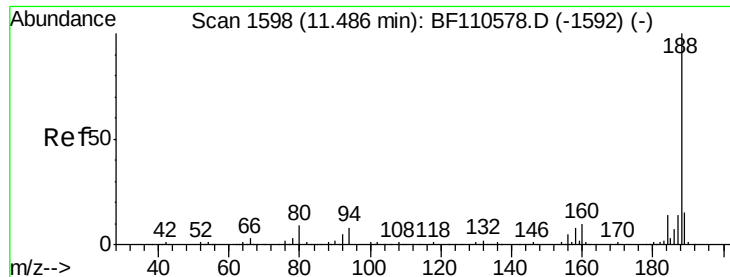


#57
2,4-Dinitrotoluene
Concen: 5.955 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt 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#

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

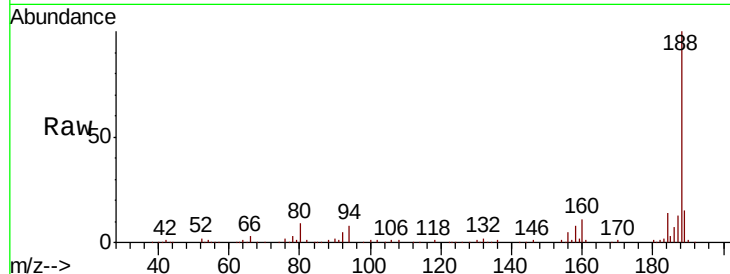




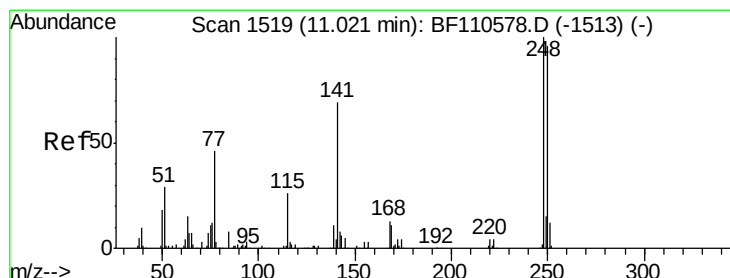
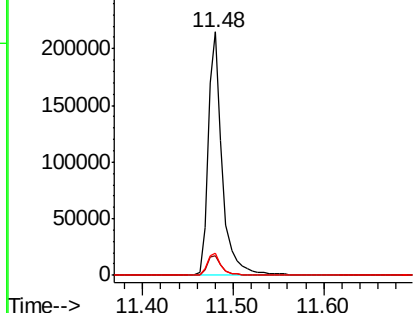
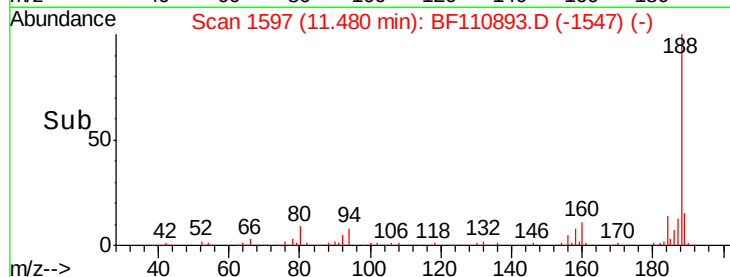
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 233440
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.9 7.9 11.9

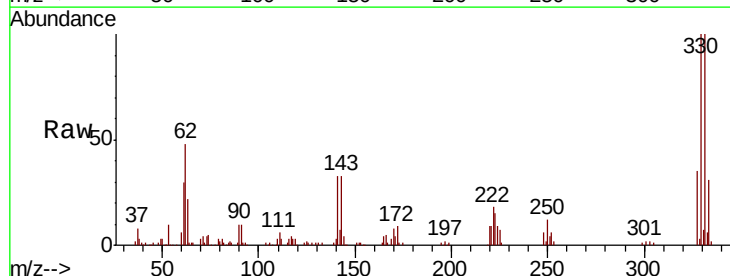


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

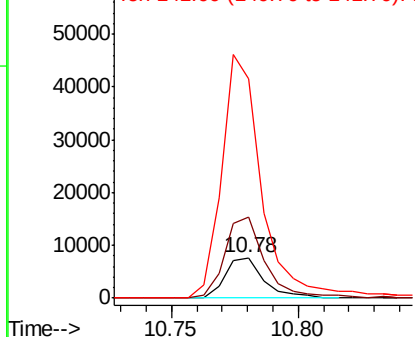
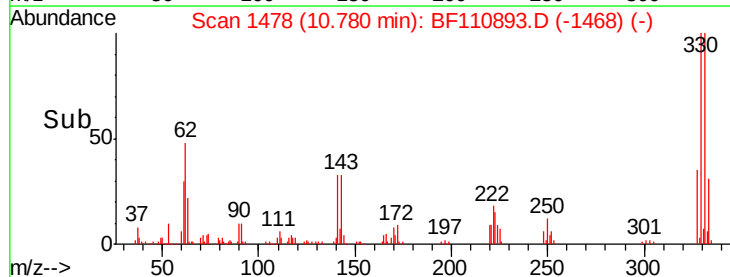


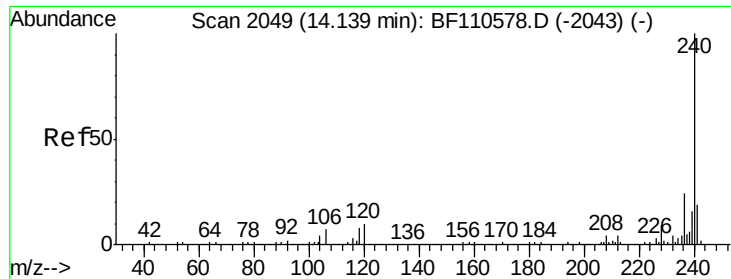
#67
4-Bromophenyl-phenylether
Concen: 3.139 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt Ion:248 Resp: 8099
Ion Ratio Lower Upper
248 100
250 199.5 79.4 119.2#
141 542.4 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

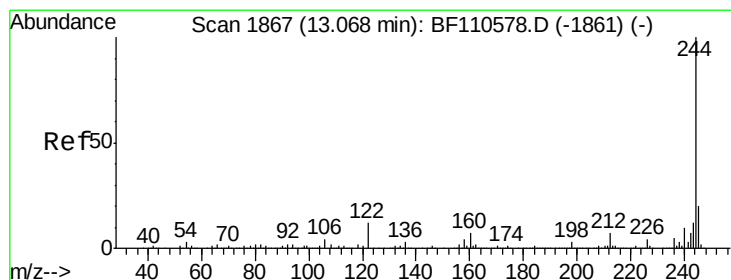
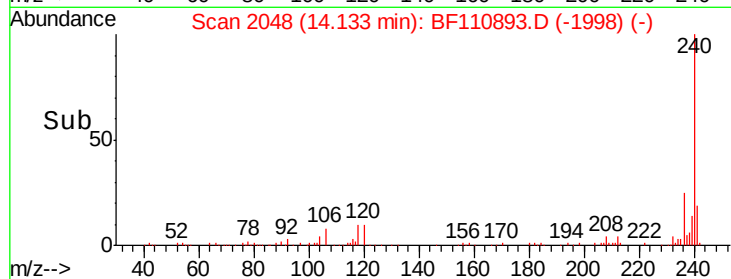
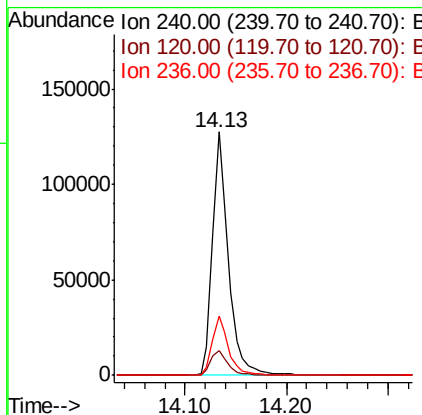
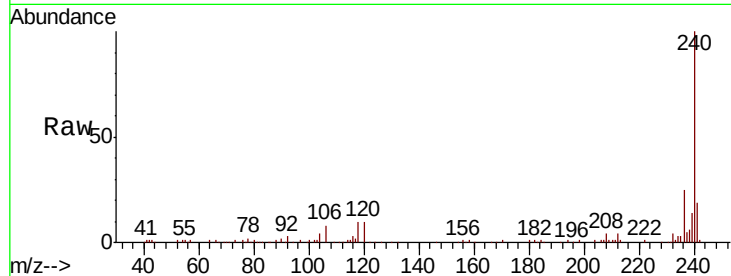




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

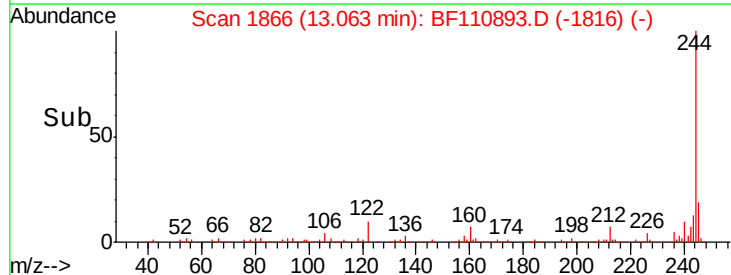
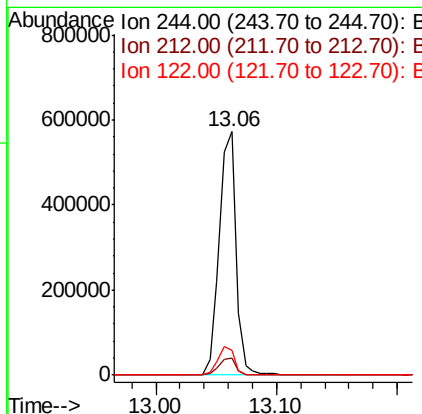
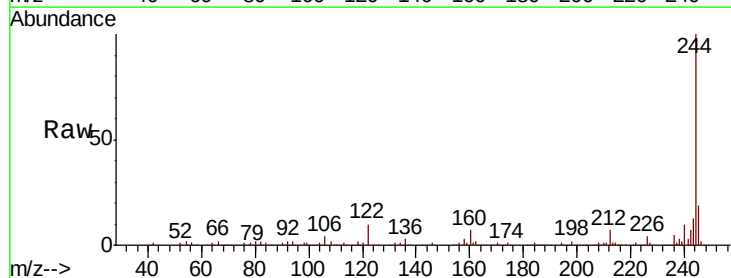
Instrument :
BNA_F
ClientSampleId :

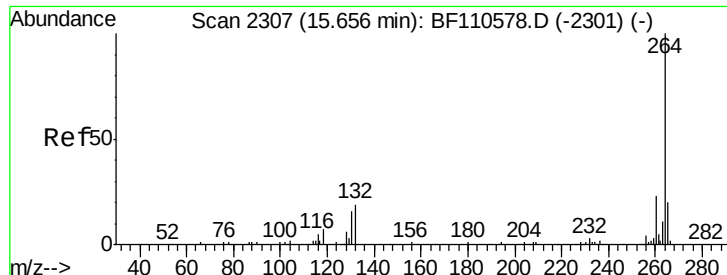
Tot Ion:240 Resp: 140037
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 24.6 21.2 31.8



#79
Terphenyl-d14
Concen: 73.169 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Tgt Ion:244 Resp: 547122
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.2 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110893.D
Acq: 20 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.4	16.7	25.1

