

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110754.D
 Acq On : 14 Nov 2018 7:51
 Operator : JU/SJ
 Sample : J5916-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 09:45:36 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

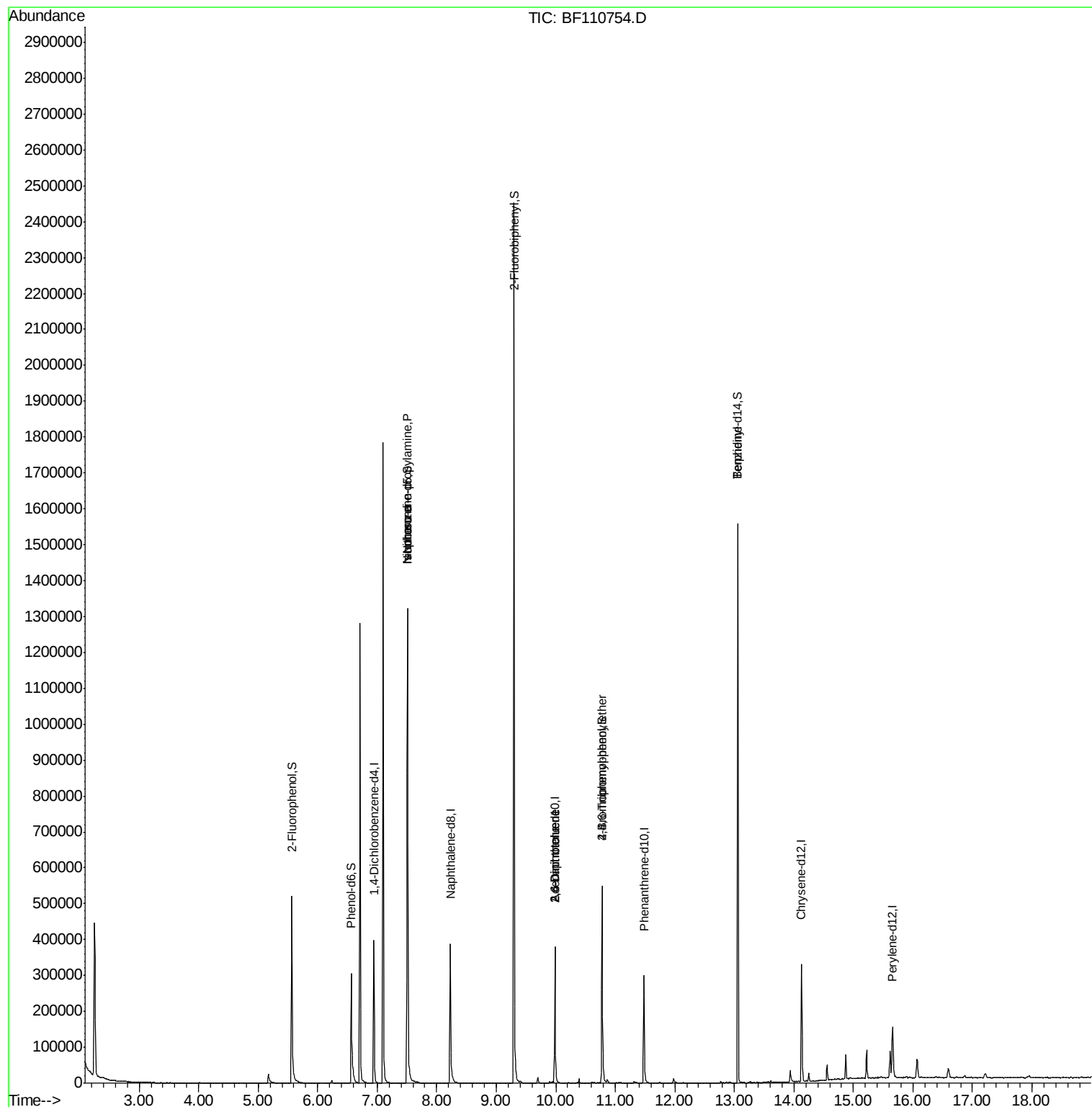
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61598	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	236823	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	88170	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	142821	20.00	ng	0.00
76) Chrysene-d12	14.13	240	131822	20.00	ng	-0.01
87) Perylene-d12	15.66	264	82423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	170346	44.92	ng	0.00
7) Phenol-d6	6.56	99	130209	26.85	ng	-0.01
23) Nitrobenzene-d5	7.51	82	446086	108.48	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	75458	84.93	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	743360	120.41	ng	0.00
79) Terphenyl-d14	13.06	244	548107	77.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	58952	19.044	ng	# 82
25) Isophorone	7.51	82	446083	66.184	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	10955	7.570	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	10955	5.822	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4244	2.689	ng	# 1
77) Benzidine	13.06	184	7399	2.041	ng	96

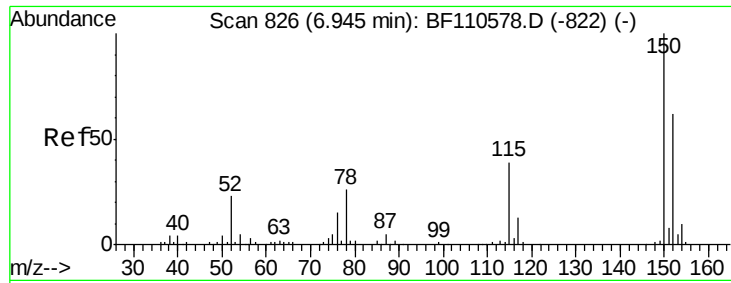
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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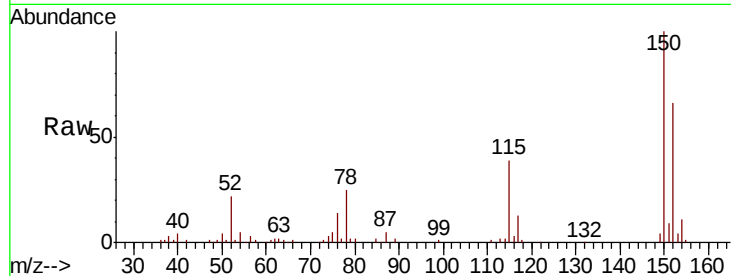




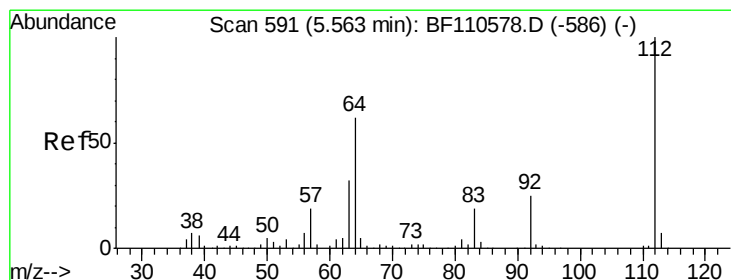
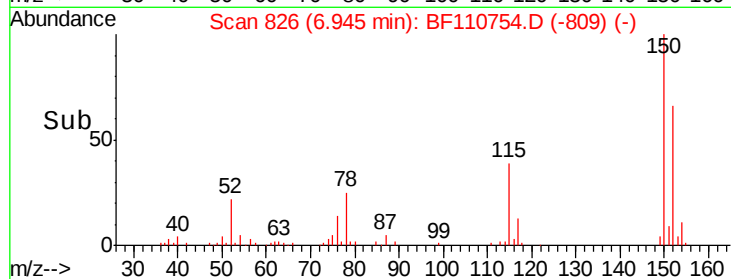
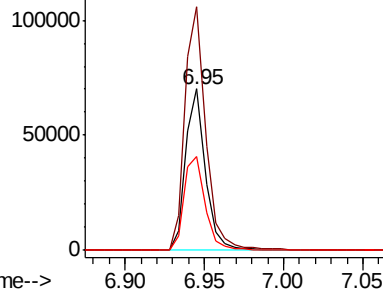
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 61598
 Ion Ratio Lower Upper
 152 100
 150 150.8 122.7 184.1
 115 58.4 49.1 73.7

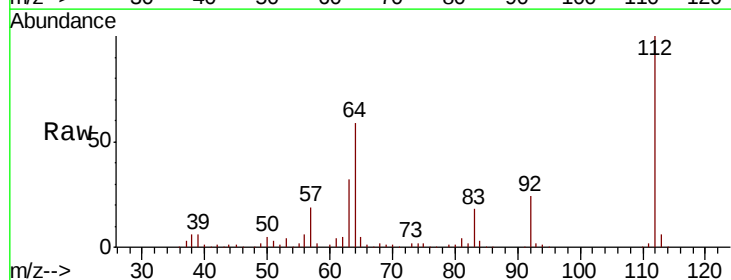


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

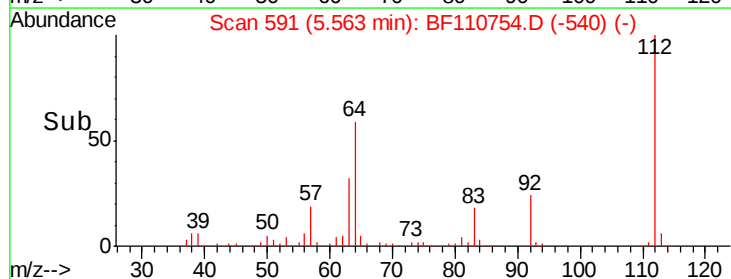
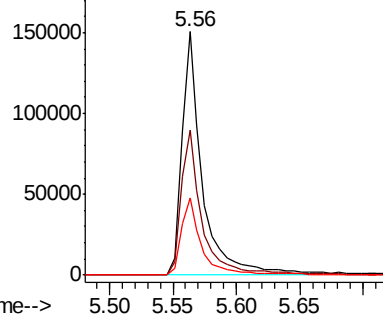


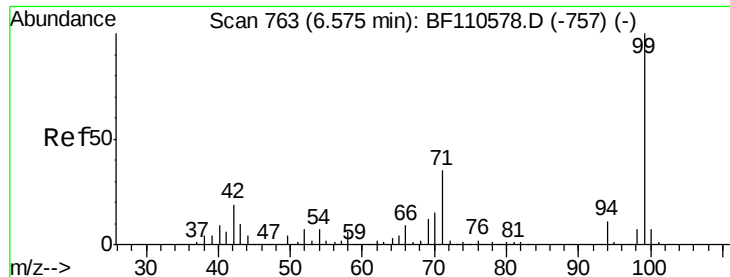
#5
 2-Fluorophenol
 Concen: 44.920 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Tgt Ion:112 Resp: 170346
 Ion Ratio Lower Upper
 112 100
 64 59.3 44.1 66.1
 63 32.0 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: 26.851 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Instrument :

BNA_F

ClientSampled :

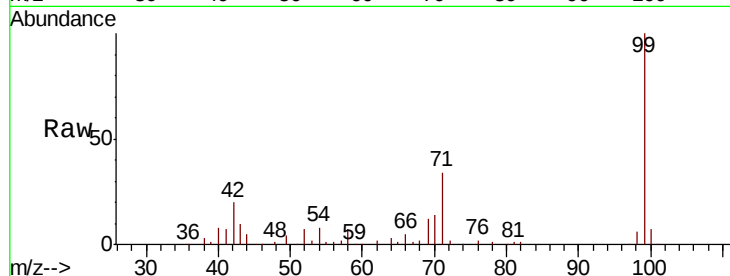
Tot Ion: 99 Resp: 130209

Ion Ratio Lower Upper

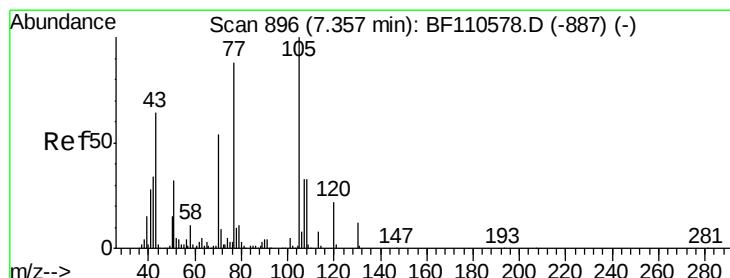
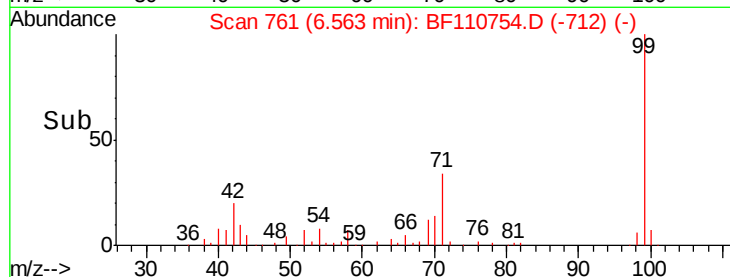
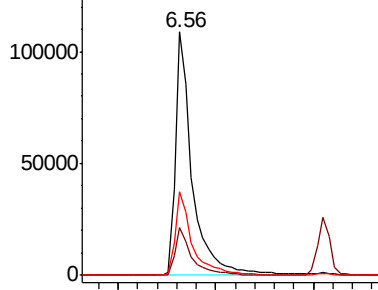
99 100

42 19.7 15.8 23.6

71 34.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.044 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Tgt Ion: 70 Resp: 58952

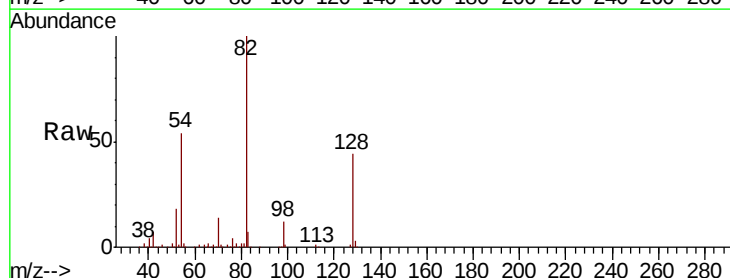
Ion Ratio Lower Upper

70 100

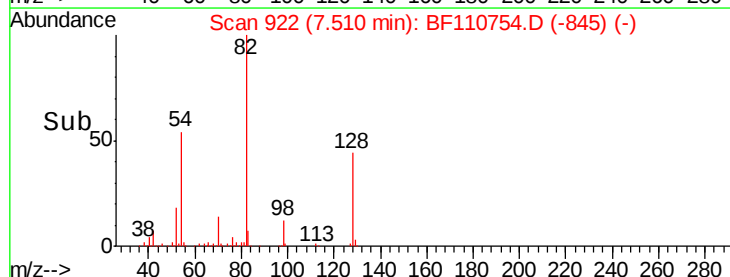
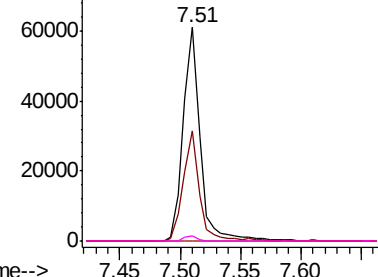
42 51.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.3 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

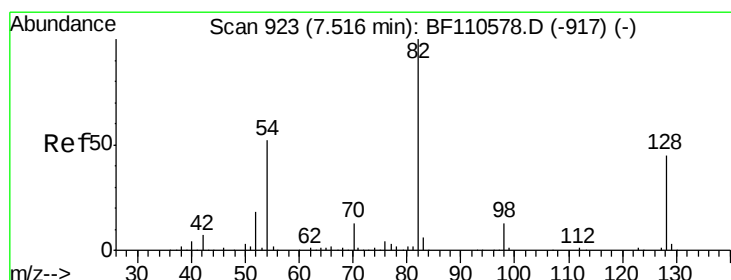
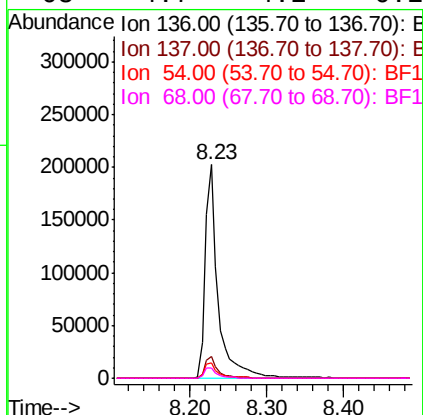
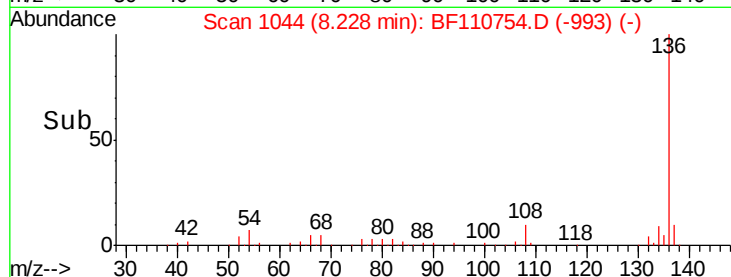
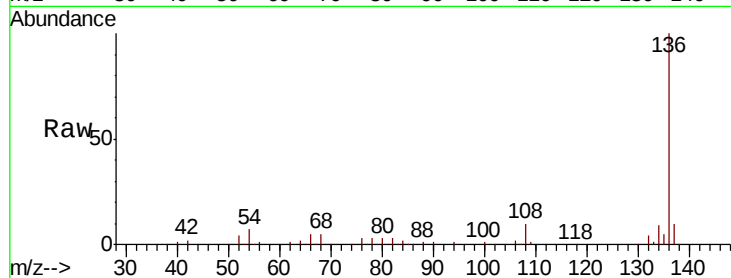




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

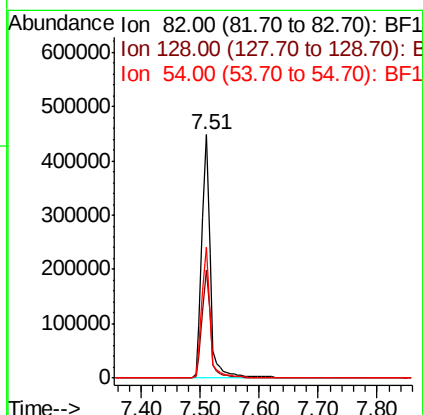
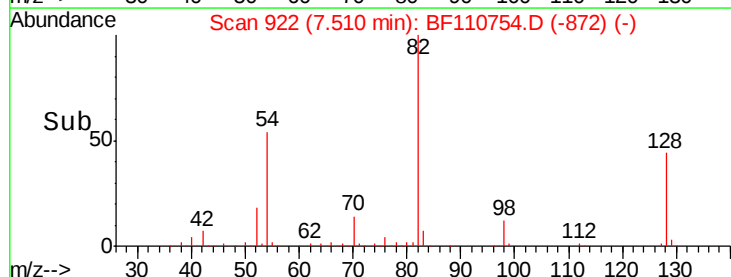
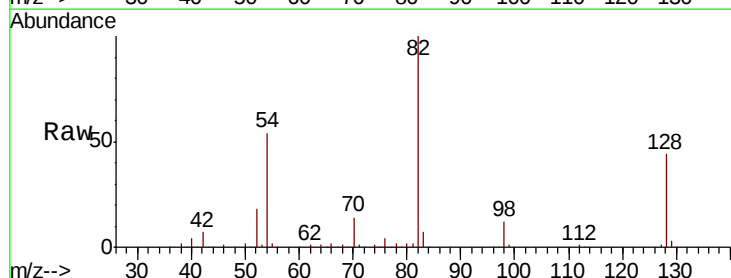
Instrument :
BNA_F
ClientSampleId :

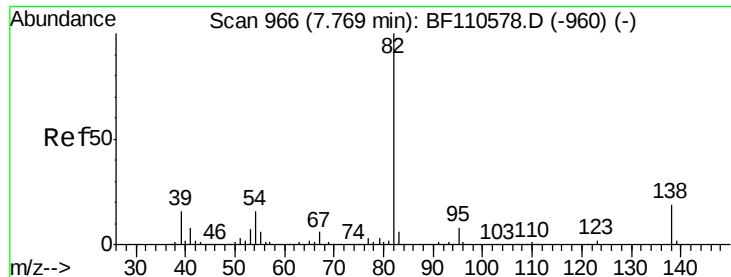
Tot Ion:136	Resp:	236823
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.8 13.2
54	7.3	5.4 8.2
68	4.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 108.477 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

Tgt Ion: 82	Resp:	446086
Ion Ratio	Lower	Upper
82	100	
128	44.1	34.2 51.2
54	54.0	38.6 58.0





#25

Isophorone

Concen: 66.184 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Instrument :

BNA_F

ClientSampled :

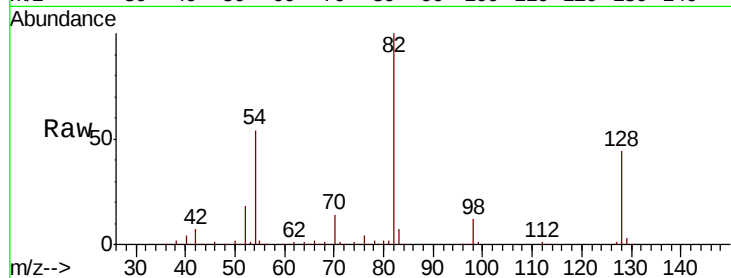
Tot Ion: 82 Resp: 446083

Ion Ratio Lower Upper

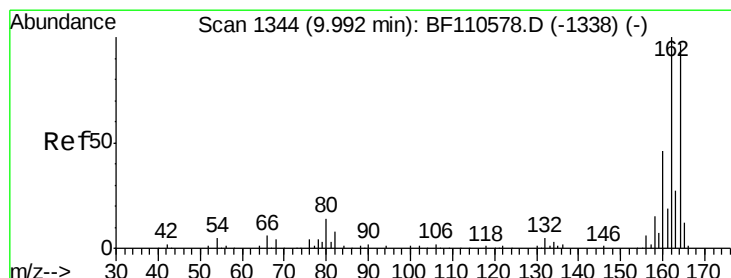
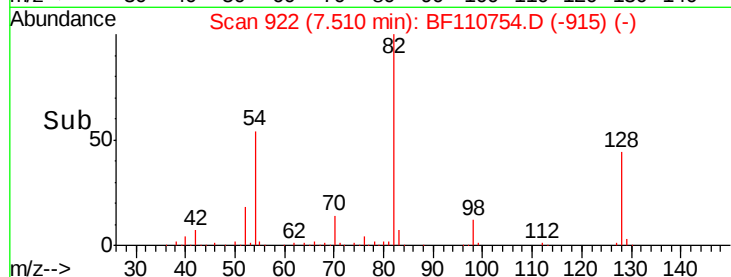
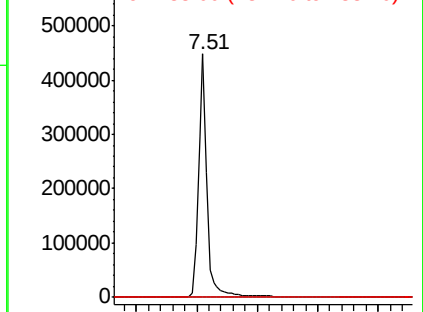
82 100

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: BF110754.D

Acq: 14 Nov 2018 7:51

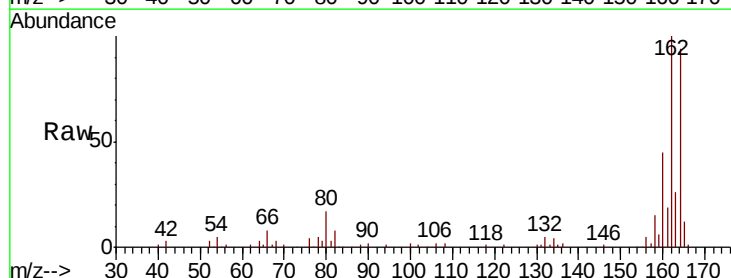
Tgt Ion: 164 Resp: 88170

Ion Ratio Lower Upper

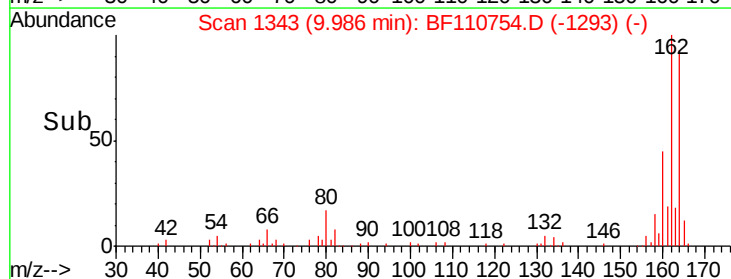
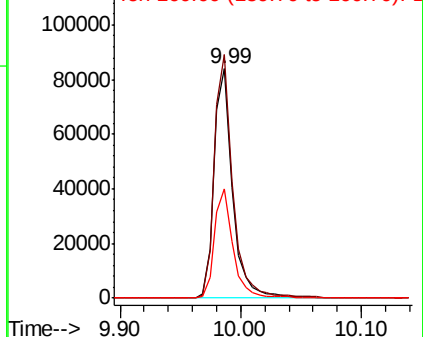
164 100

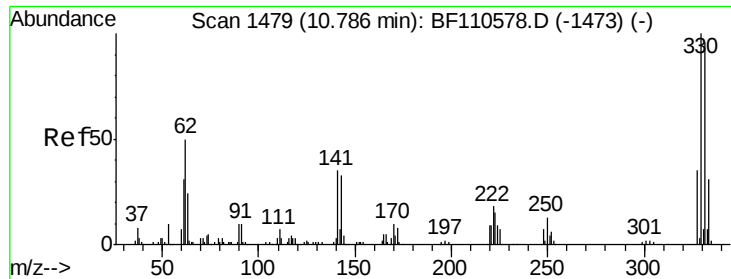
162 106.4 83.0 124.6

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: 84.935 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

Instrument :

BNA_F

ClientSampleId :

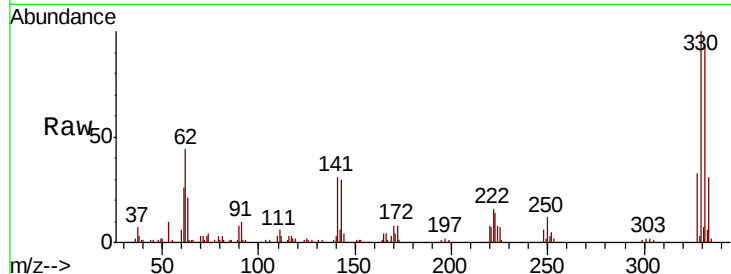
Tot Ion:330 Resp: 75458

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

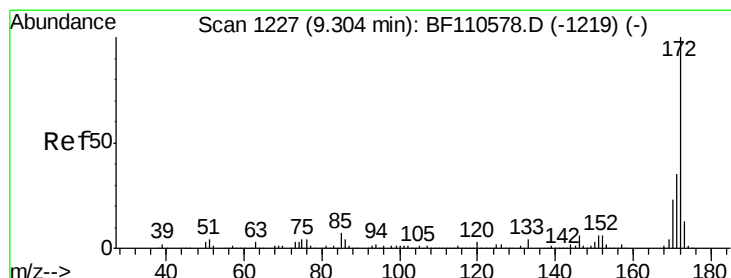
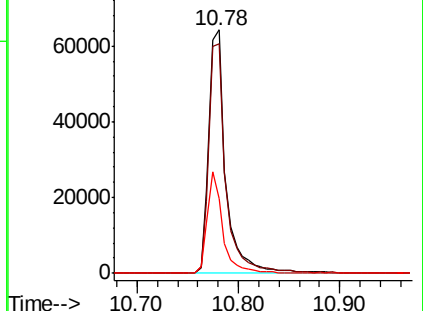
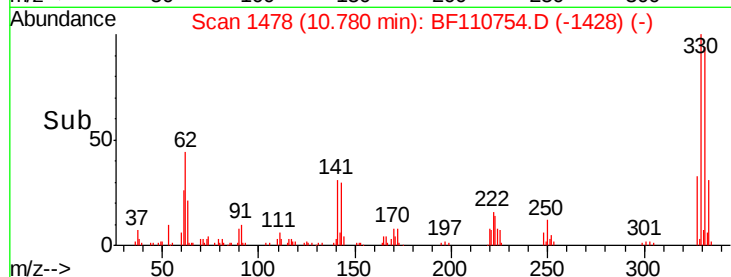
141 37.6 27.0 40.4



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: 120.410 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110754.D

Acq: 14 Nov 2018 7:51

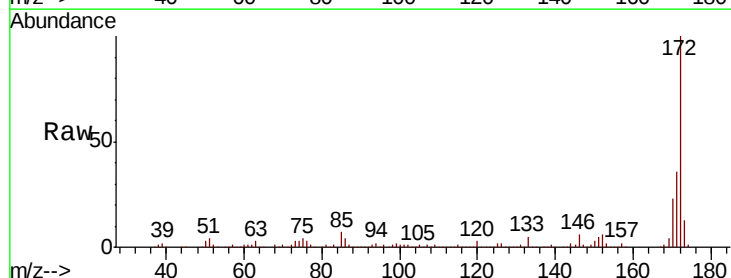
Tgt Ion:172 Resp: 743360

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

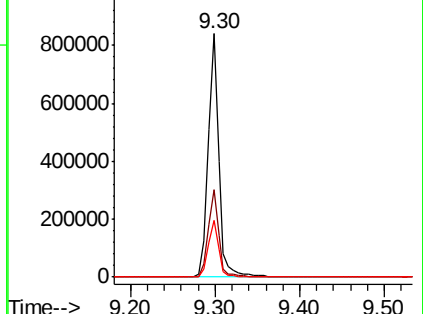
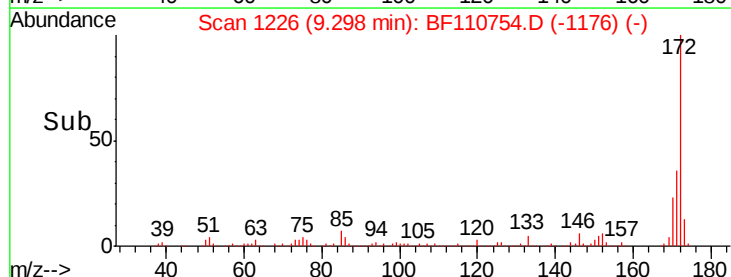
170 23.3 19.7 29.5

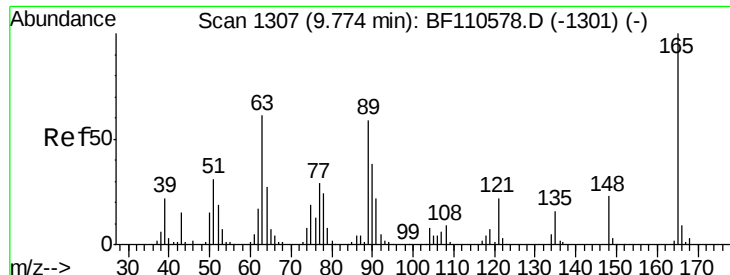


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

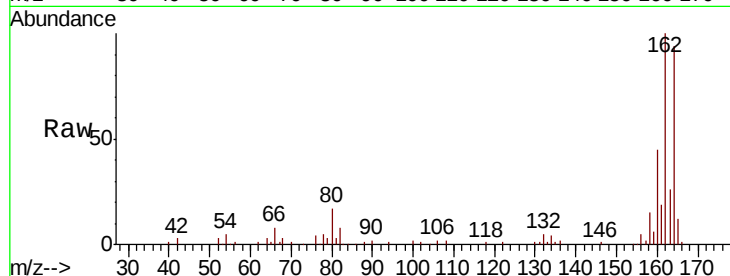




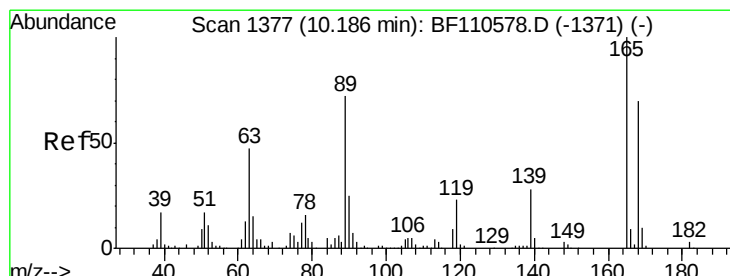
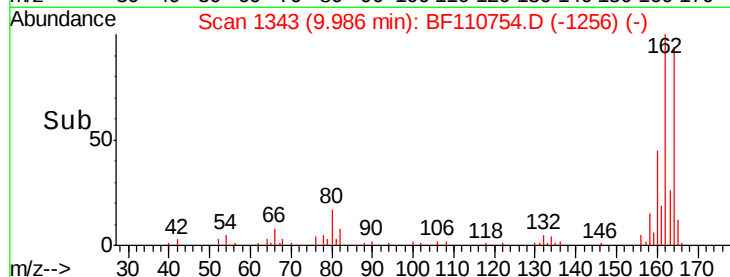
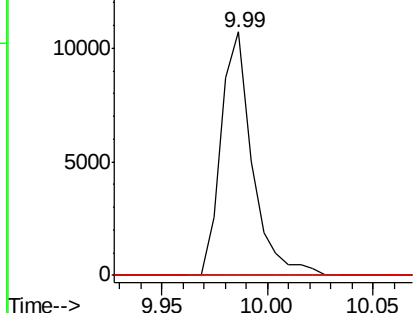
#51
 2,6-Dinitrotoluene
 Concen: 7.570 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Instrument :
 BNA_F
 ClientSampled :

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



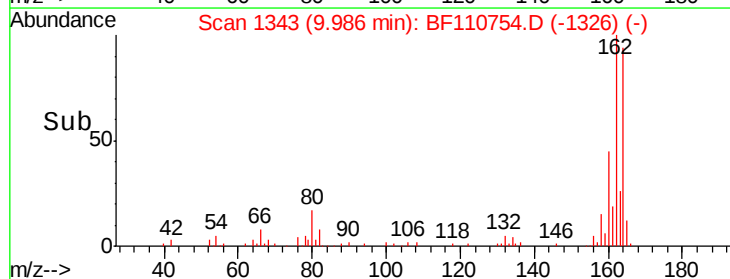
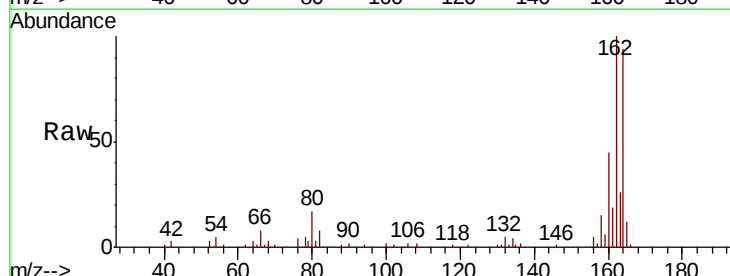
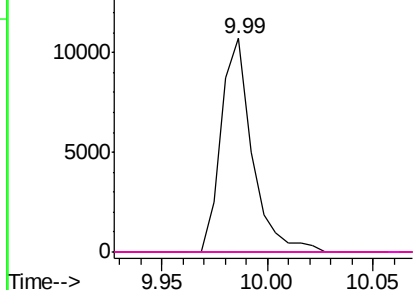
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

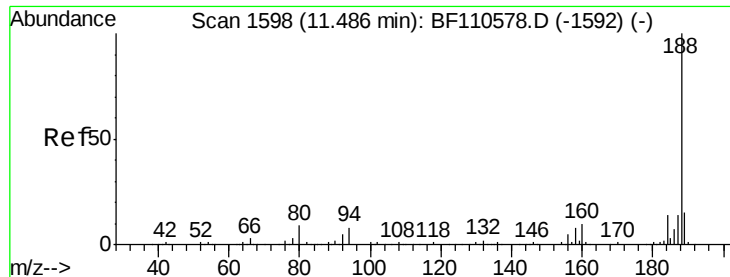


#57
 2,4-Dinitrotoluene
 Concen: 5.822 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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

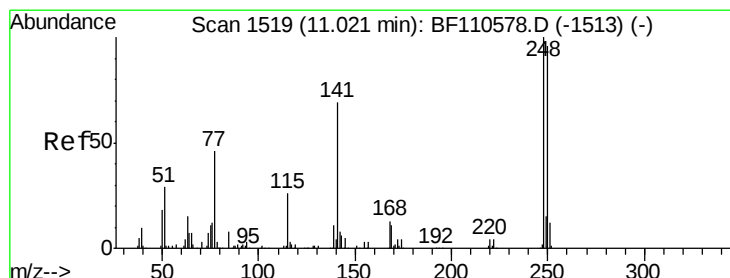
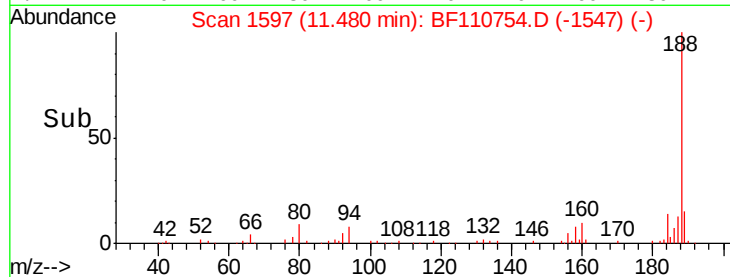
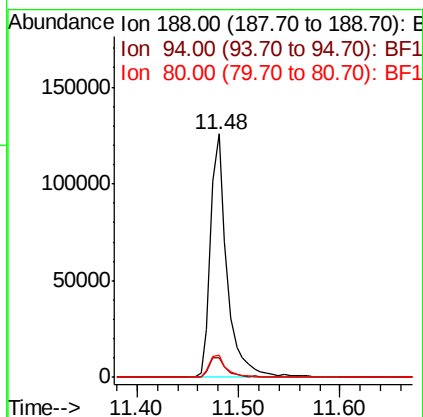
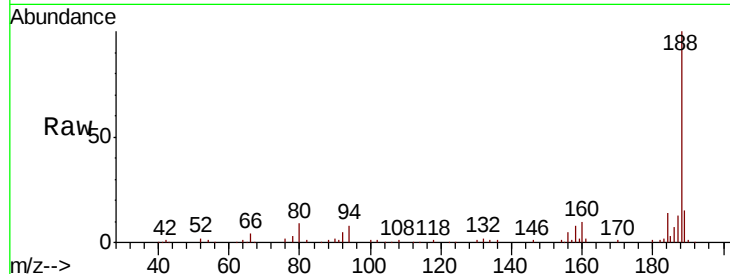




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

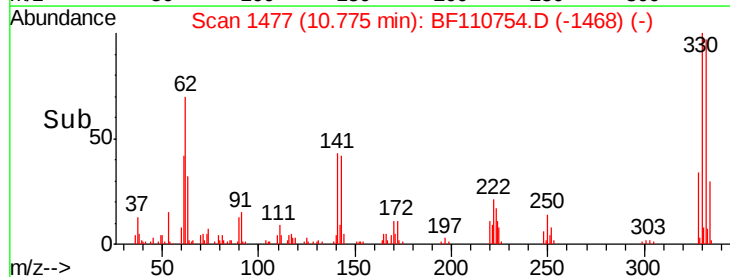
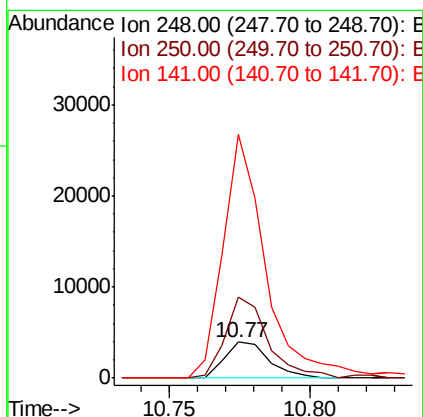
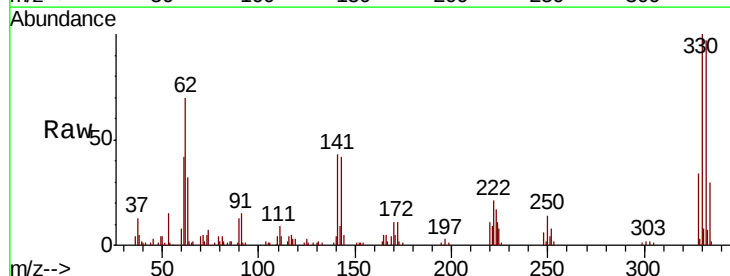
Instrument :
BNA_F
ClientSampleId :

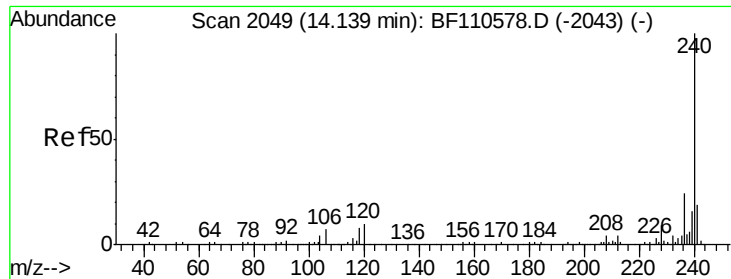
Tot Ion:188 Resp: 142821
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 9.2 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.689 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

Tgt Ion:248 Resp: 4244
Ion Ratio Lower Upper
248 100
250 224.9 79.4 119.2#
141 678.9 55.9 83.9#

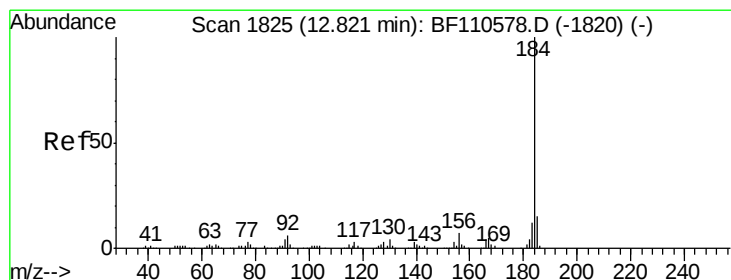
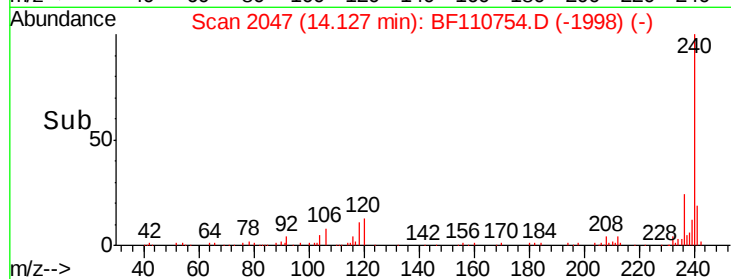
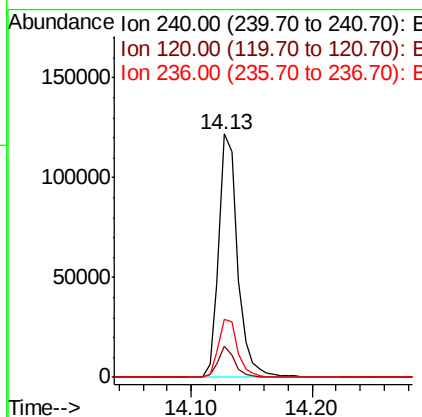
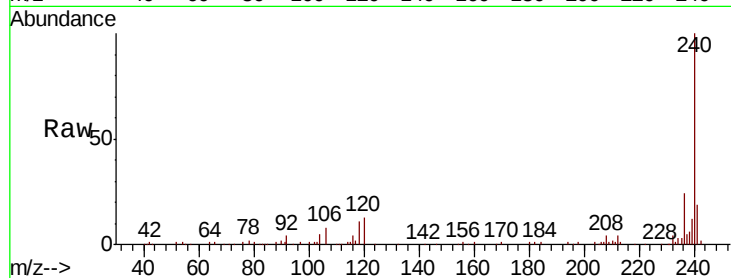




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

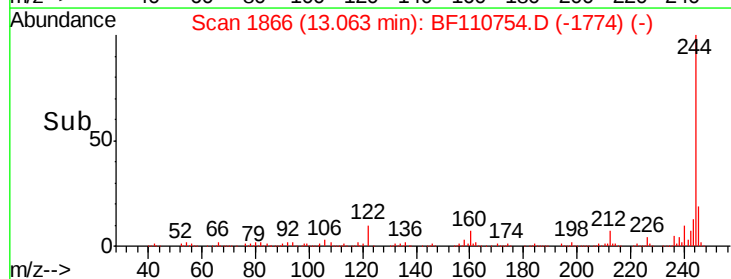
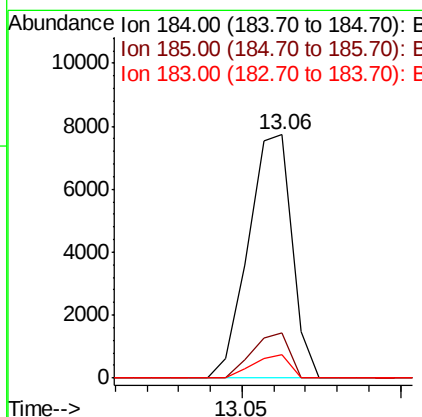
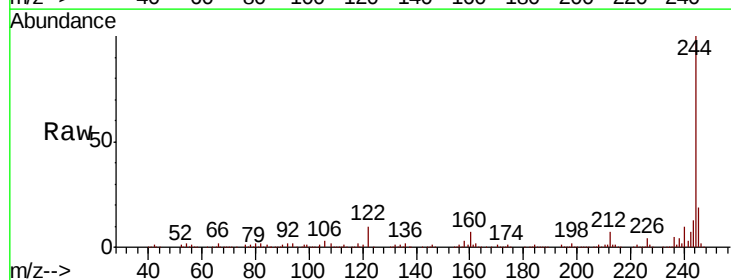
Instrument :
BNA_F
ClientSampleId :

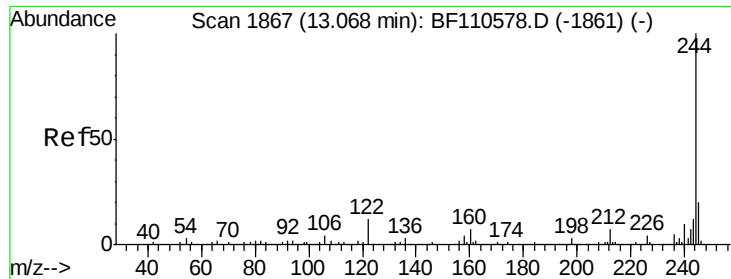
Tot Ion:240 Resp: 131822
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 24.0 21.2 31.8



#77
Benzidine
Concen: 2.041 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110754.D
Acq: 14 Nov 2018 7:51

Tgt Ion:184 Resp: 7399
Ion Ratio Lower Upper
184 100
185 18.3 13.4 20.2
183 9.9 9.4 14.2

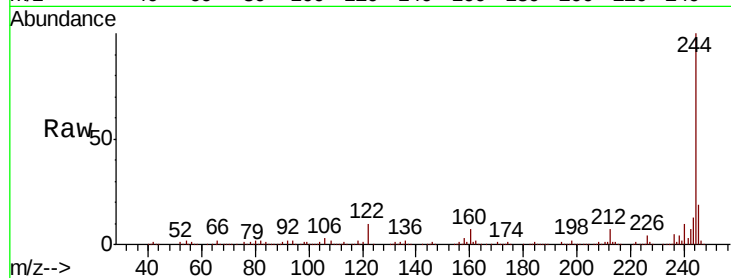




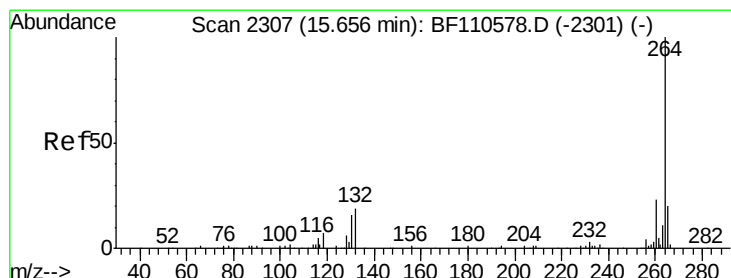
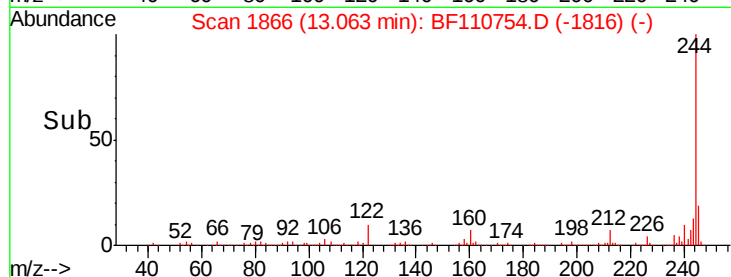
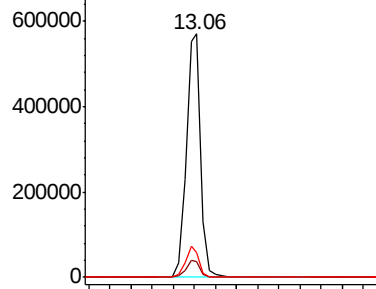
#79
 Terphenyl-d14
 Concen: 77.868 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.3	8.7	13.1

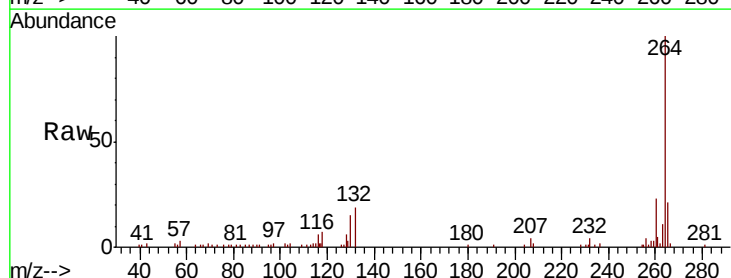


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110754.D
 Acq: 14 Nov 2018 7:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.9	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

