

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110056.D
 Acq On : 22 Oct 2018 18:32
 Operator : JU/SJ
 Sample : J5601-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:10:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

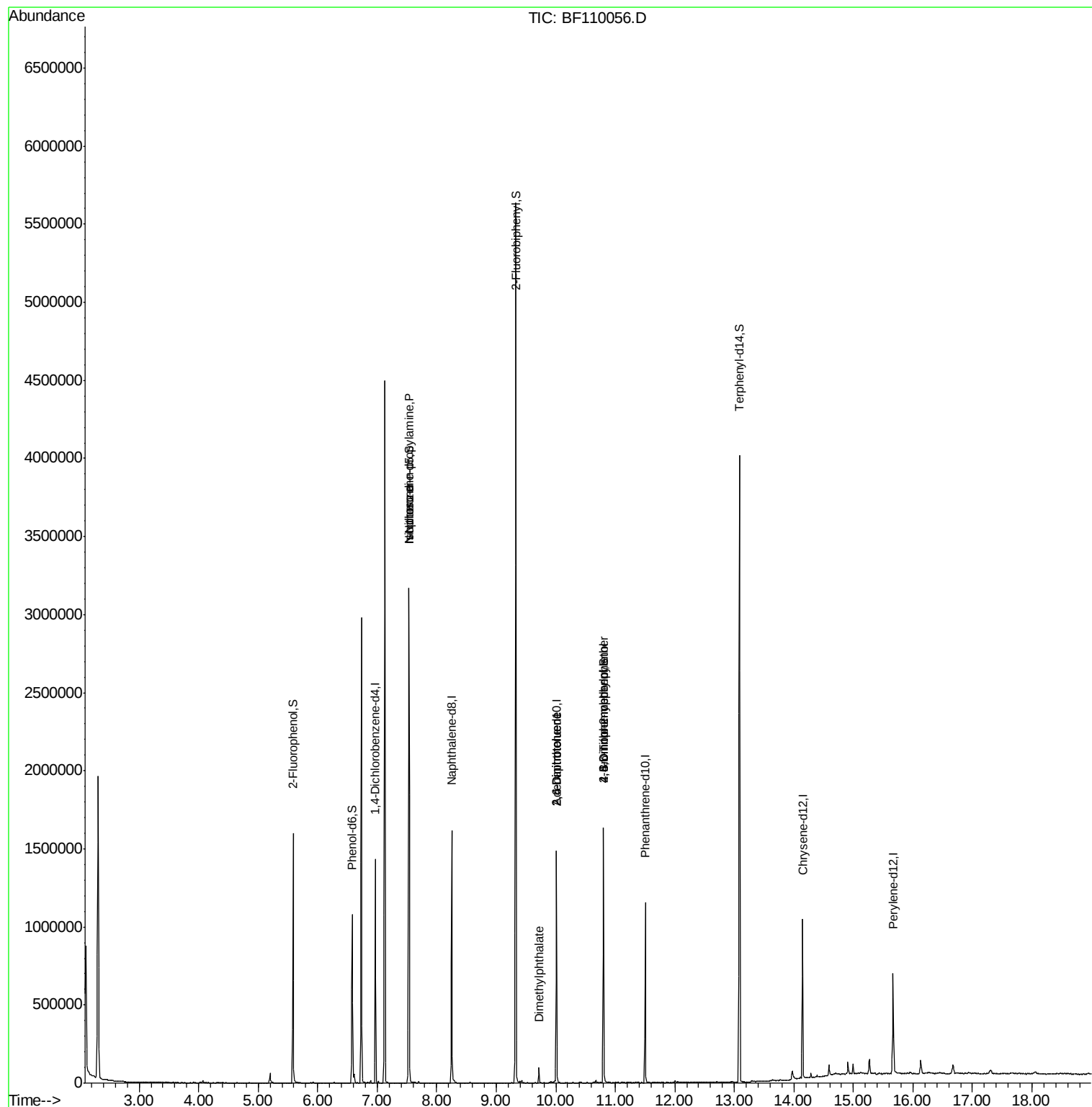
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	187095	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	677314	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	268026	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	412066	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	325007	20.00	ng	-0.02
87) Perylene-d12	15.67	264	240582	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	405551	34.36	ng	-0.01
7) Phenol-d6	6.58	99	300302	20.49	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1039868	103.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	177785	76.62	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1701930	101.32	ng	-0.01
79) Terphenyl-d14	13.09	244	1276899	82.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	139386	14.812	ng	# 80
25) Isophorone	7.53	82	1039848	52.634	ng	# 67
50) Dimethylphthalate	9.72	163	40073	2.111	ng	# 99
51) 2,6-Dinitrotoluene	10.01	165	33865	9.395	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	33865	11.310	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	508	8.189	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	11778	2.637	ng	# 1

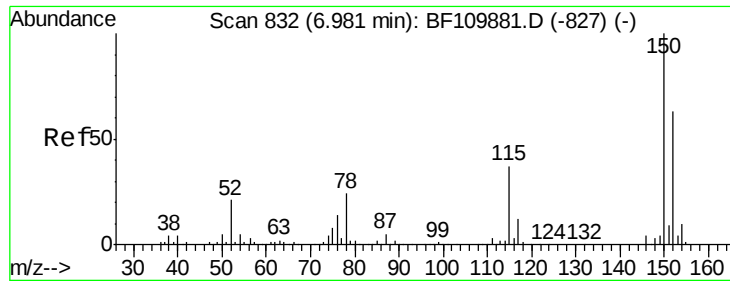
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



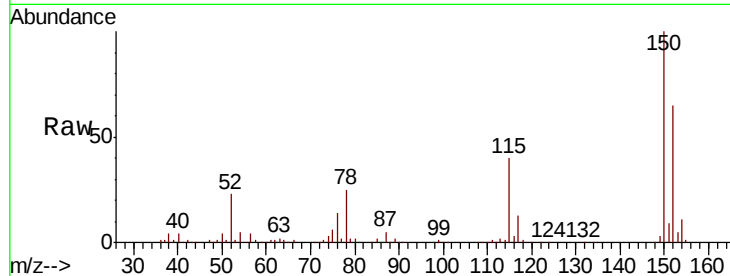


#1

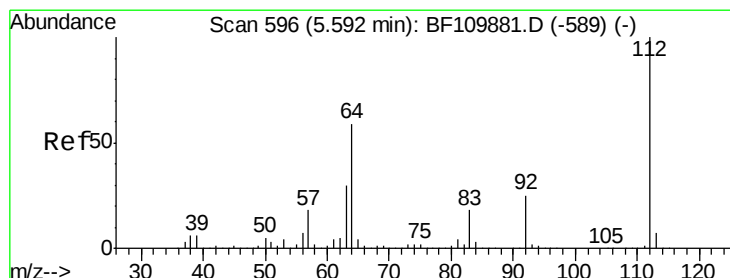
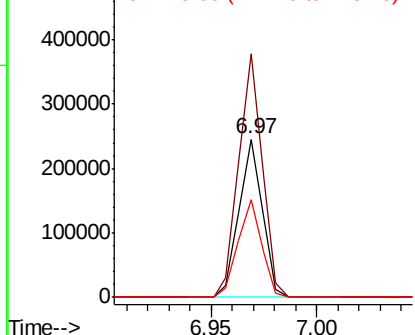
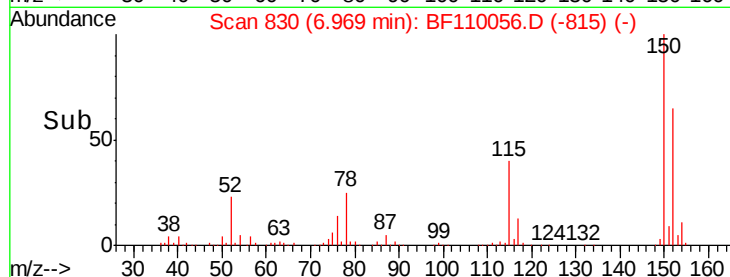
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 187095
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 61.6 49.1 73.7



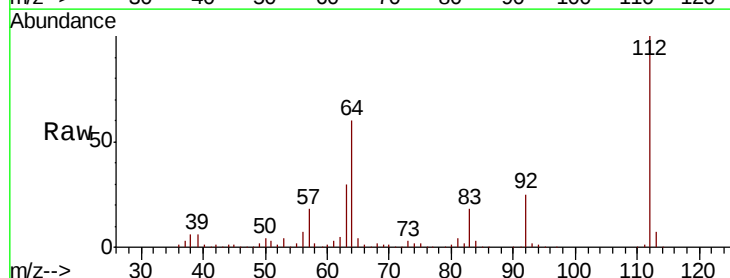
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



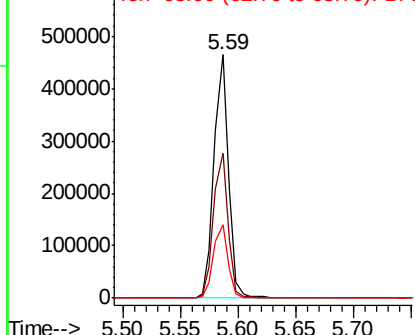
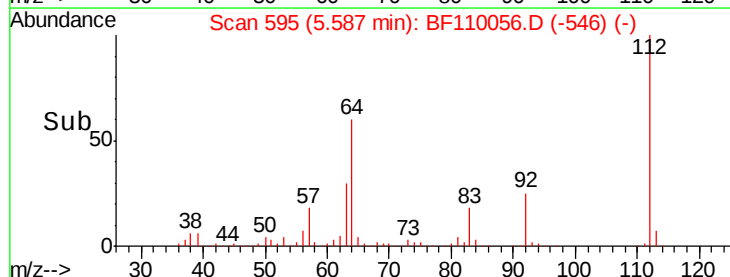
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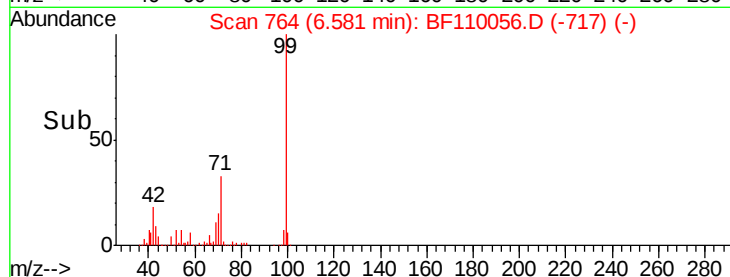
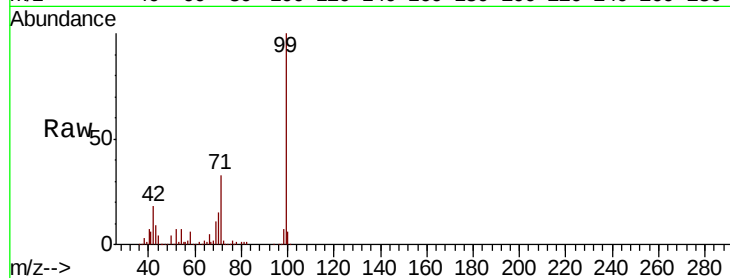
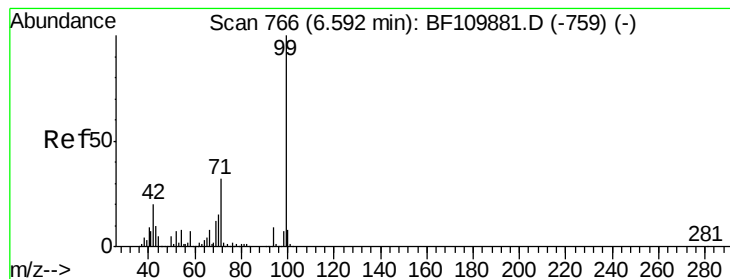
2-Fluorophenol
Concen: 34.360 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Tgt Ion:112 Resp: 405551
Ion Ratio Lower Upper
112 100
64 59.5 44.1 66.1
63 30.3 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: 20.490 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110056.D

Acq: 22 Oct 2018 18:32

Instrument :

BNA_F

ClientSampled :

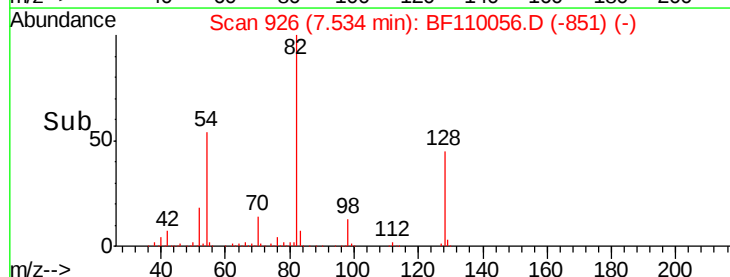
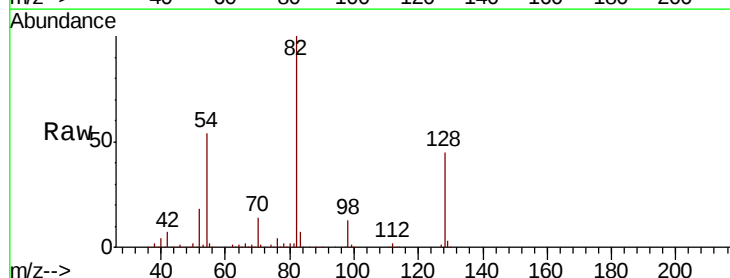
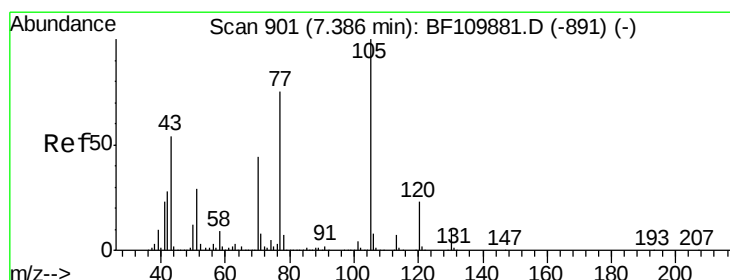
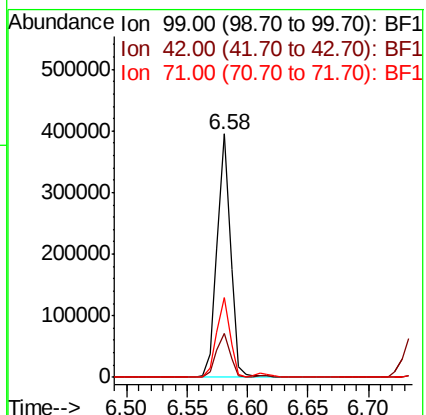
Tot Ion: 99 Resp: 300302

Ion Ratio Lower Upper

99 100

42 18.1 15.8 23.6

71 32.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.812 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110056.D

Acq: 22 Oct 2018 18:32

Tgt Ion: 70 Resp: 139386

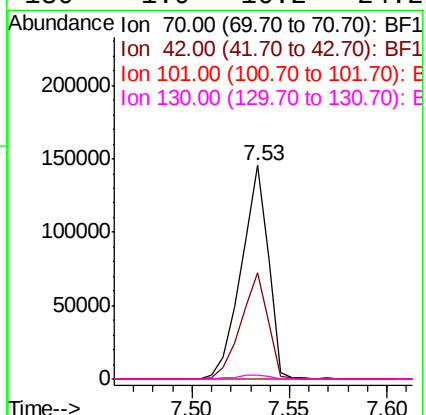
Ion Ratio Lower Upper

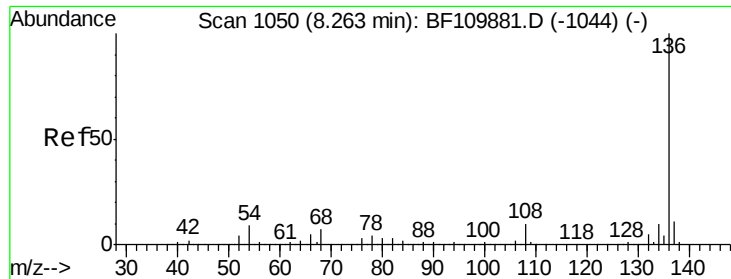
70 100

42 49.9 47.4 71.2

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

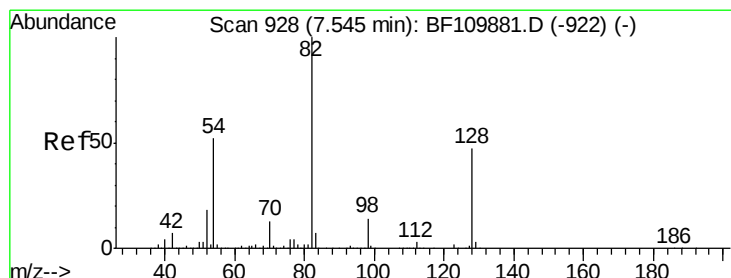
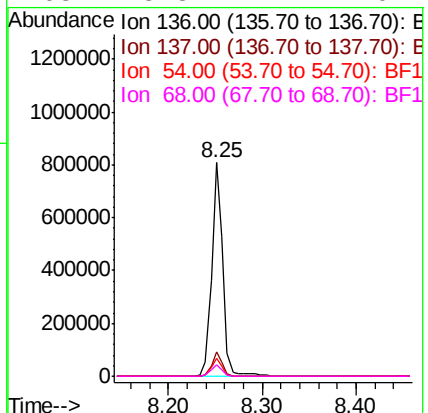
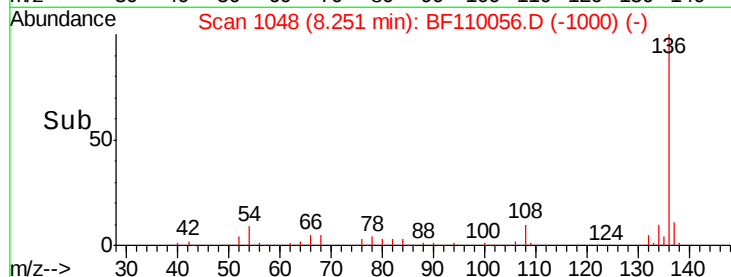
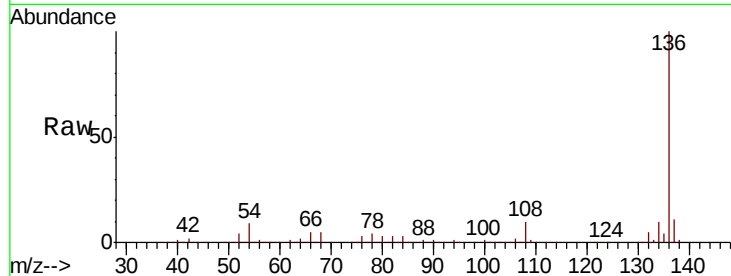




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

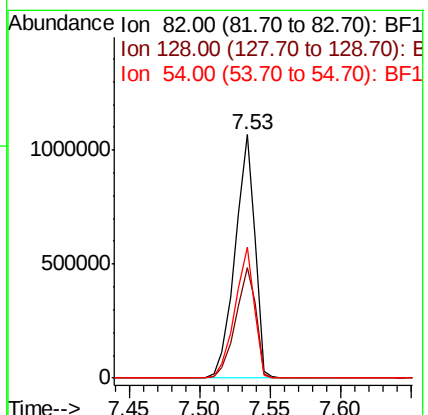
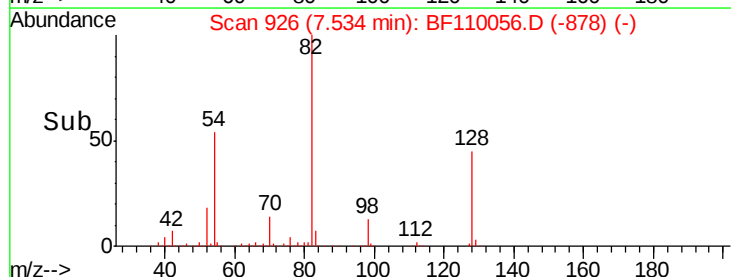
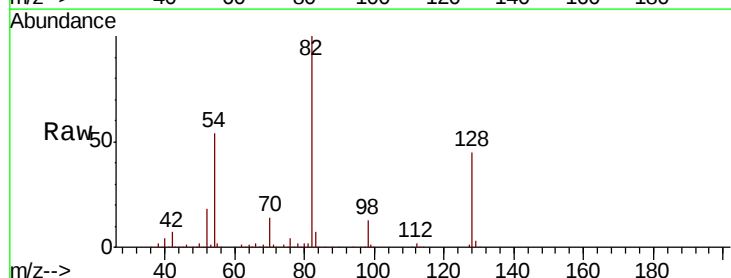
Instrument :
BNA_F
ClientSampleId :

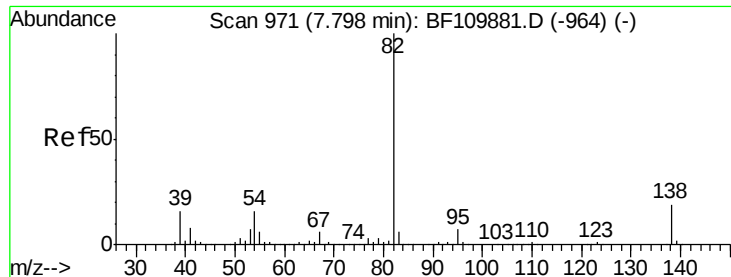
Tot Ion:136	Resp:	677314
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	8.6	5.4 8.2#
68	5.3	4.2 6.2



#23
Nitrobenzene-d5
Concen: 103.423 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Tgt Ion: 82	Resp:	1039868
Ion	Ratio	Lower Upper
82	100	
128	45.5	34.2 51.2
54	54.0	38.6 58.0





#25

Isophorone

Concen: 52.634 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110056.D

Acq: 22 Oct 2018 18:32

Instrument :

BNA_F

ClientSampleId :

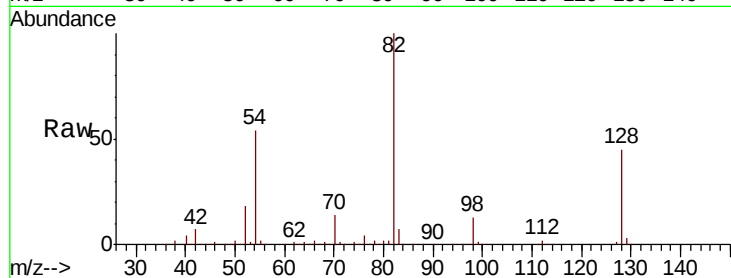
Tot Ion: 82 Resp: 1039848

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

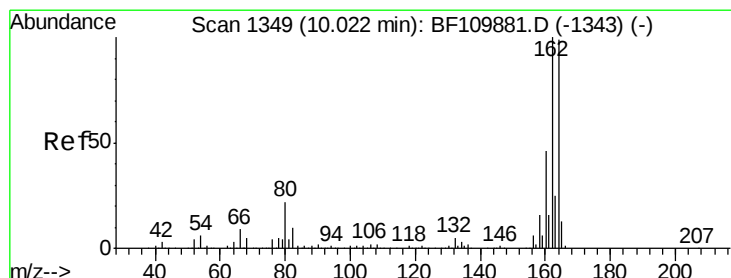
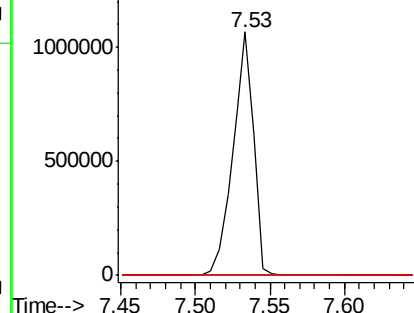
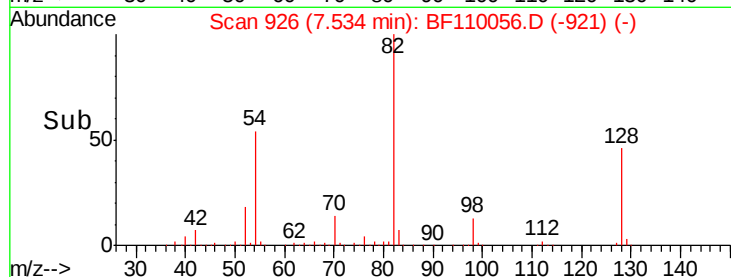
138 0.0 13.2 19.8#



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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110056.D

Acq: 22 Oct 2018 18:32

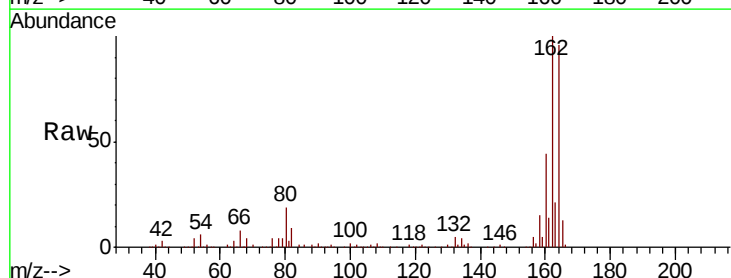
Tgt Ion: 164 Resp: 268026

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

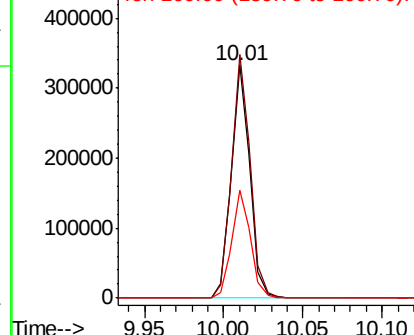
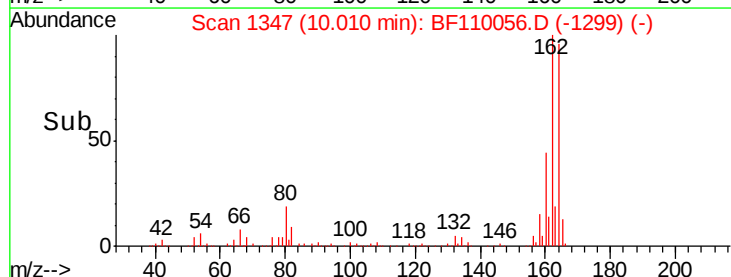
160 46.2 37.0 55.6

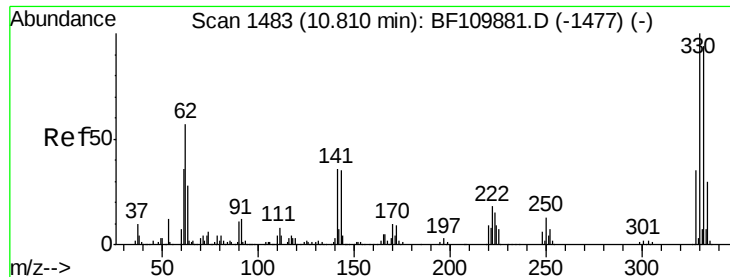


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

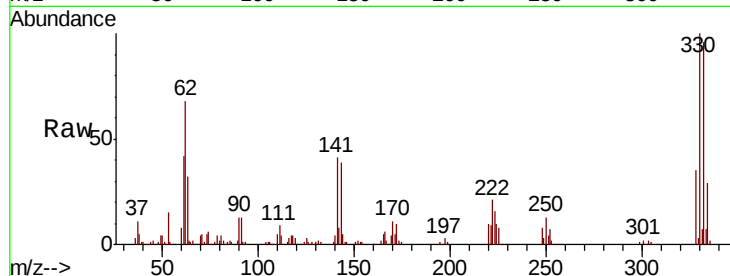




#42
 2,4,6-Tribromophenol
 Concen: 76.615 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110056.D
 Acq: 22 Oct 2018 18:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp:	177785		
Ion Ratio	100	96.7	36.3
Lower		77.1	27.0
Upper		115.7	40.4

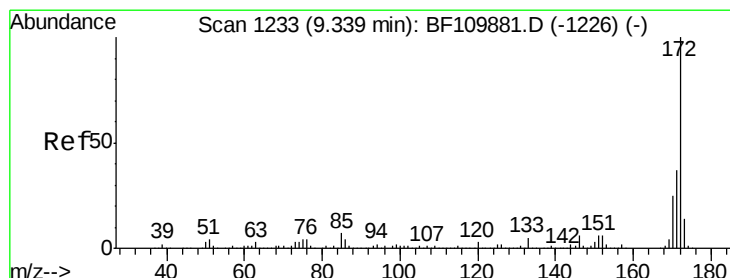
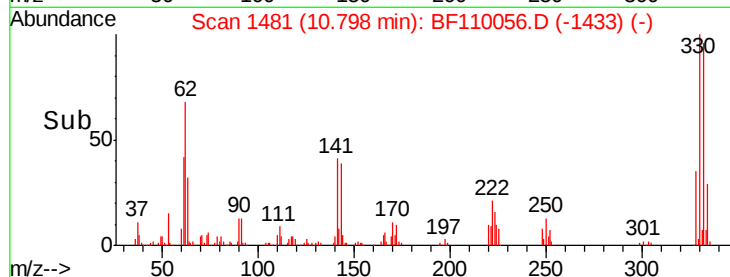
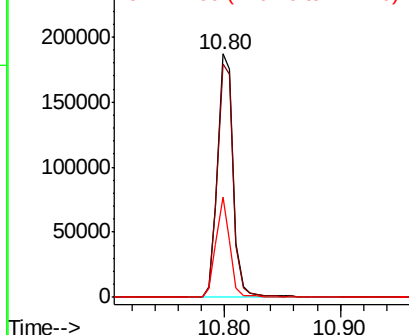


Abundance

Ion 329.80 (329.50 to 330.50): E

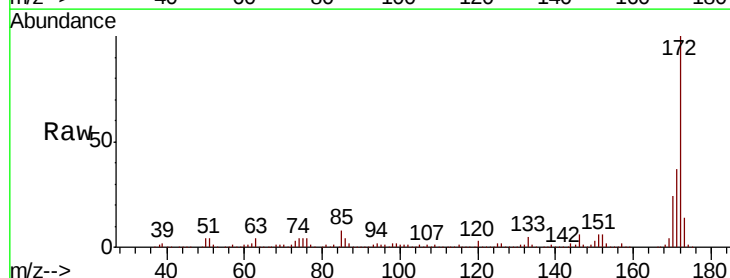
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.322 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110056.D
 Acq: 22 Oct 2018 18:32

Tgt Ion	172	171	170
Resp:	1701930		
Ion Ratio	100	37.0	24.4
Lower		28.6	19.7
Upper		43.0	29.5

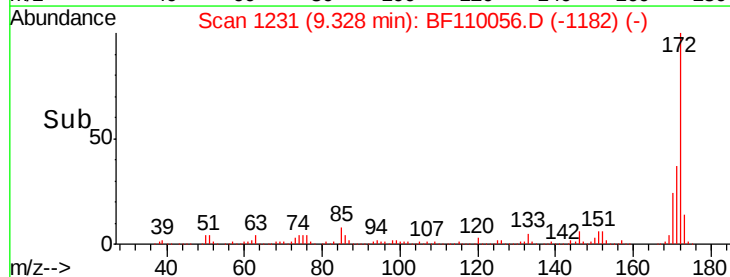
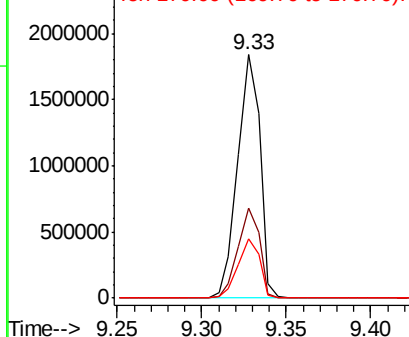


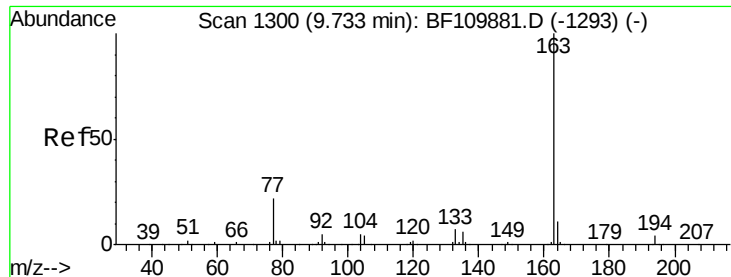
Abundance

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

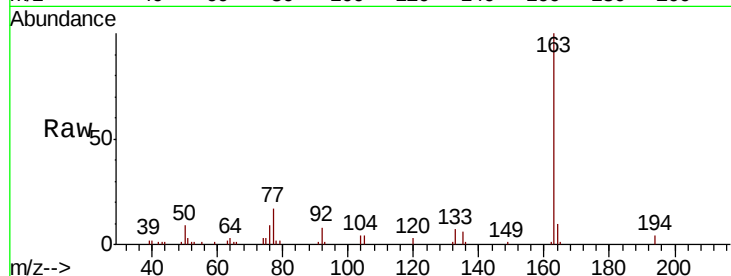




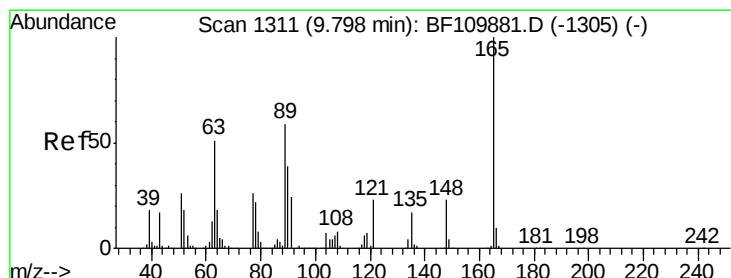
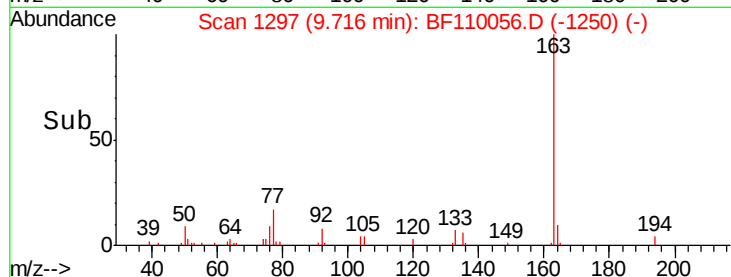
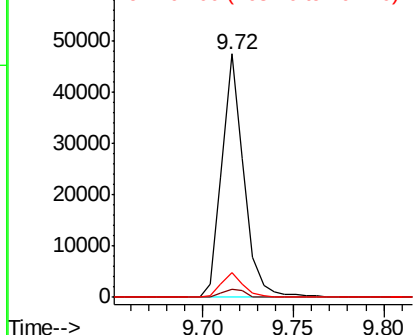
#50
Dimethylphthalate
Concen: 2.111 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 40073
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.2 8.1 12.1

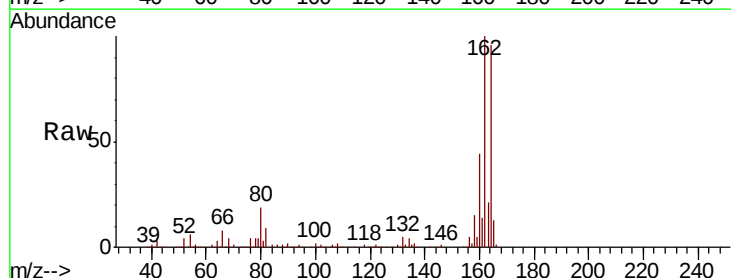


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

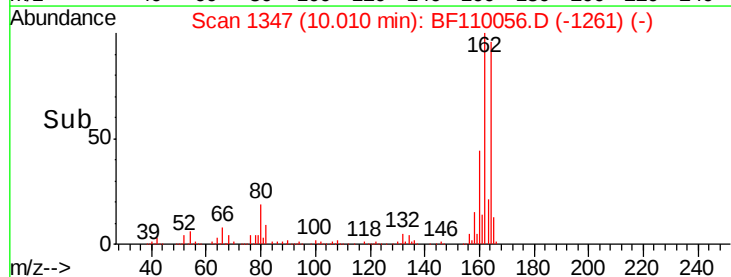
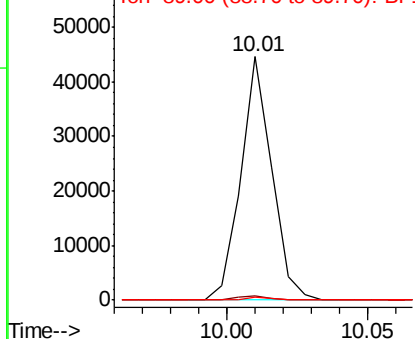


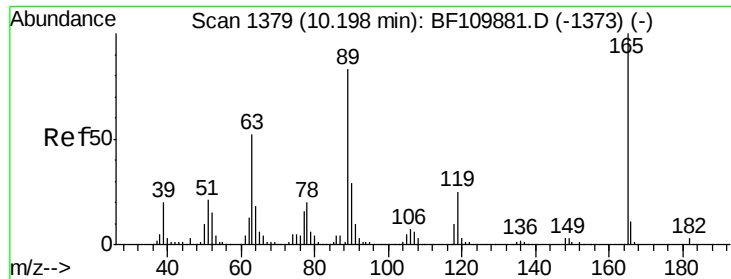
#51
2,6-Dinitrotoluene
Concen: 9.395 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Tgt Ion:165 Resp: 33865
Ion Ratio Lower Upper
165 100
63 1.9 48.9 73.3#
89 1.3 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

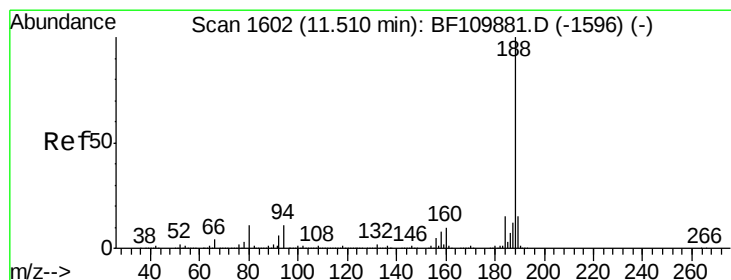
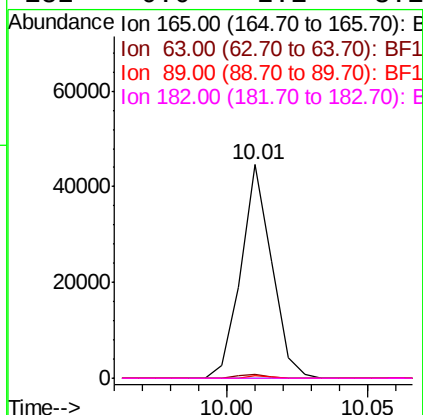
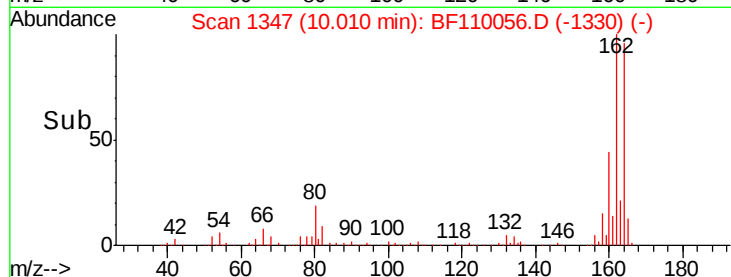
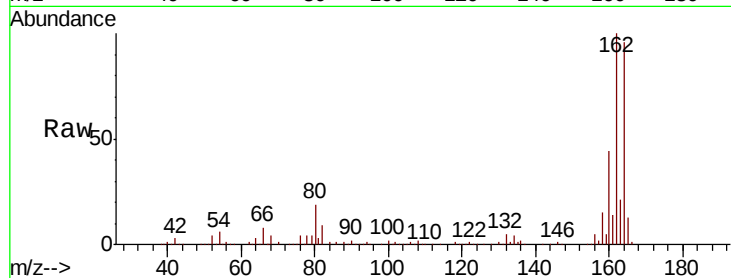




#57
2,4-Dinitrotoluene
Concen: 11.310 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

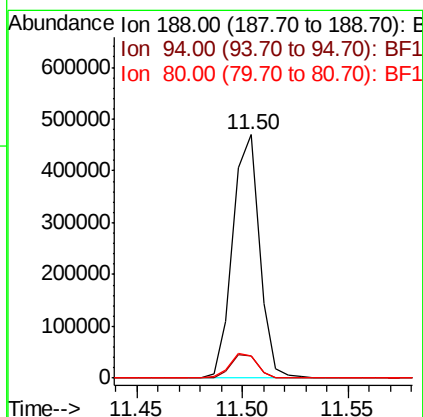
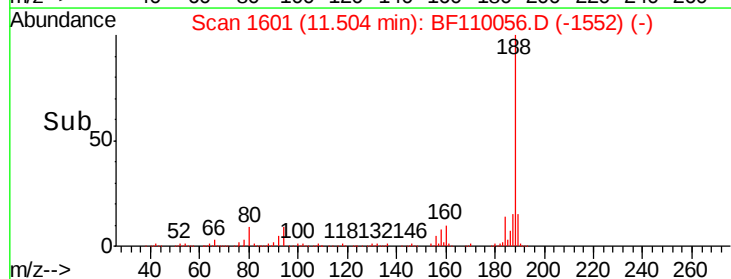
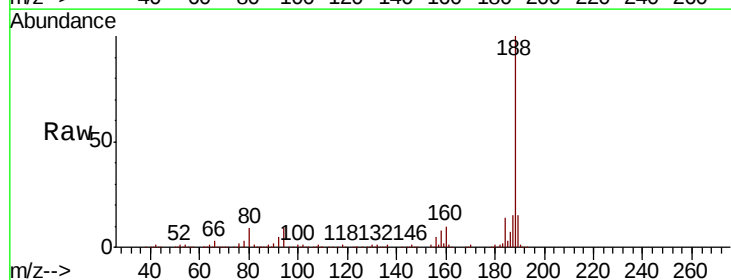
Instrument :
BNA_F
ClientSampleId :

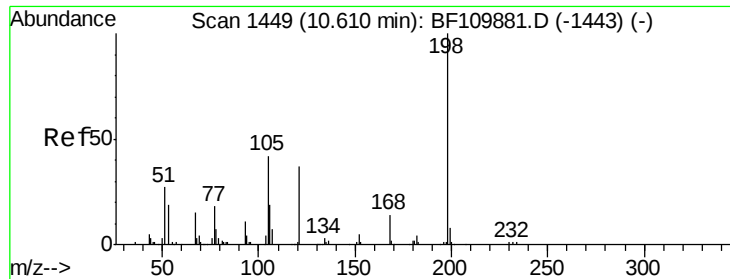
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.1	7.9	11.9

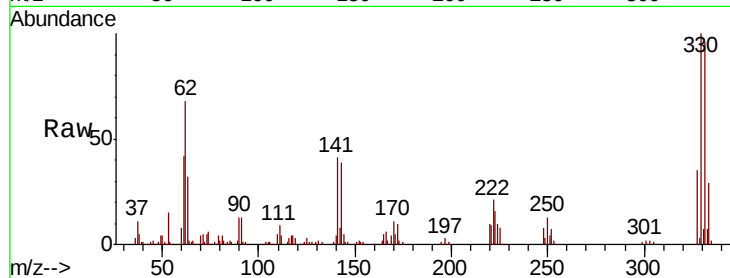




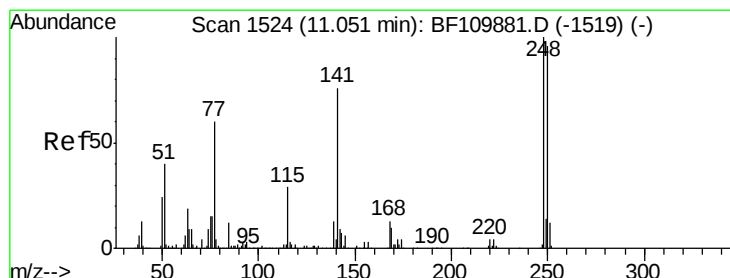
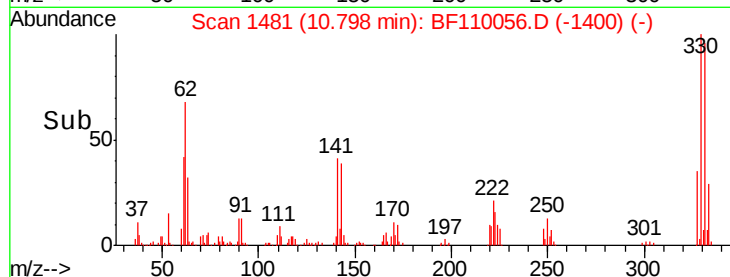
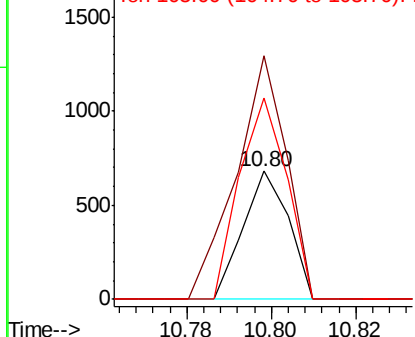
#65
4,6-Dinitro-2-methylphenol
Concen: 8.189 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.18 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 508
Ion Ratio Lower Upper
198 100
51 190.2 22.8 62.8#
105 157.6 23.6 63.6#

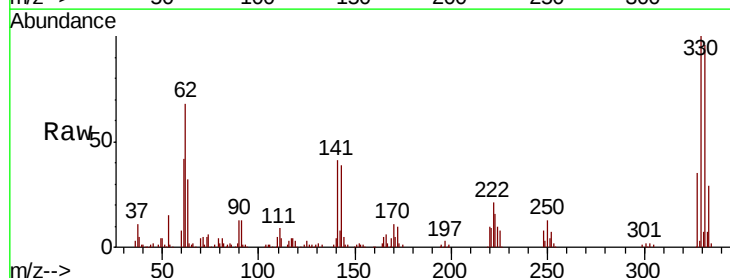


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

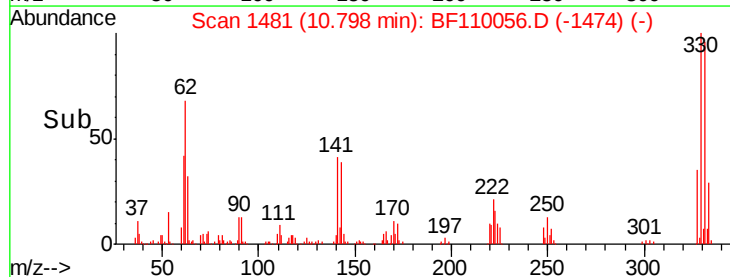
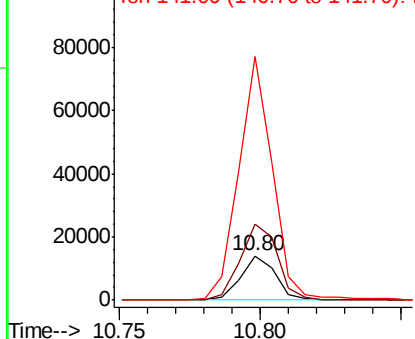


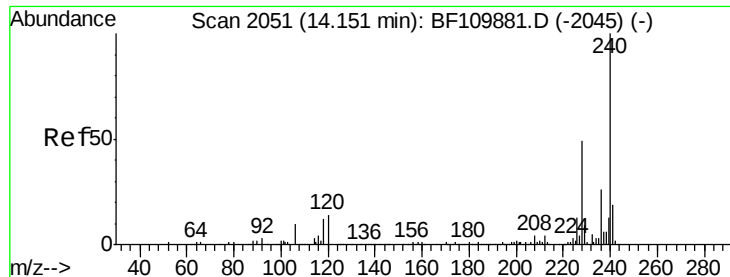
#67
4-Bromophenyl-phenylether
Concen: 2.637 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110056.D
Acq: 22 Oct 2018 18:32

Tgt Ion:248 Resp: 11778
Ion Ratio Lower Upper
248 100
250 172.3 79.4 119.2#
141 548.3 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

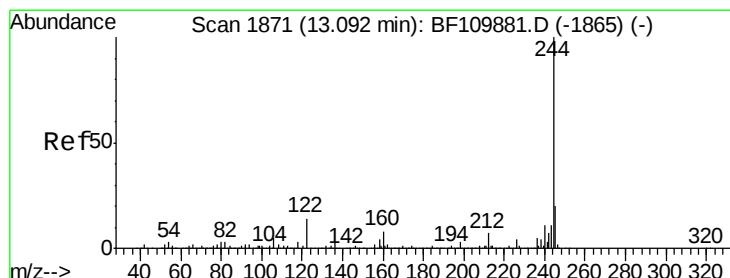
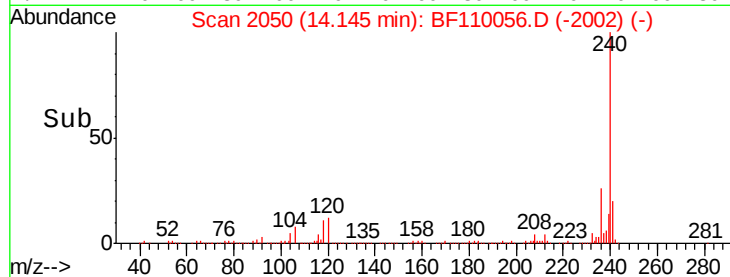
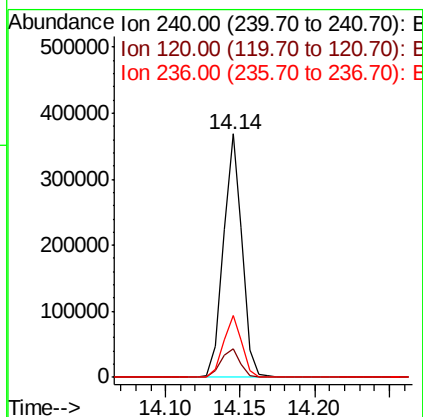
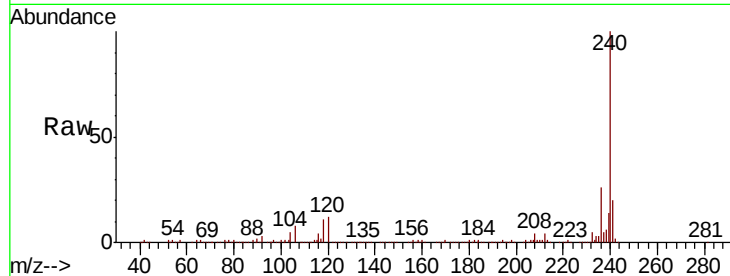




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110056.D
 Acq: 22 Oct 2018 18:32

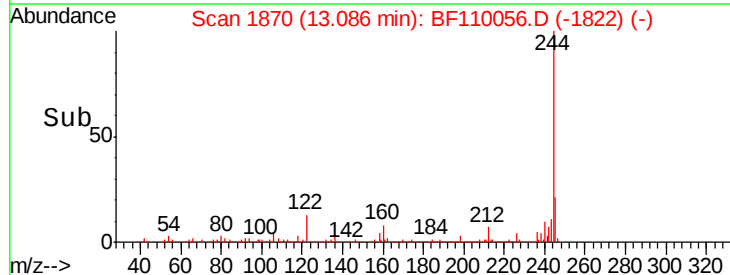
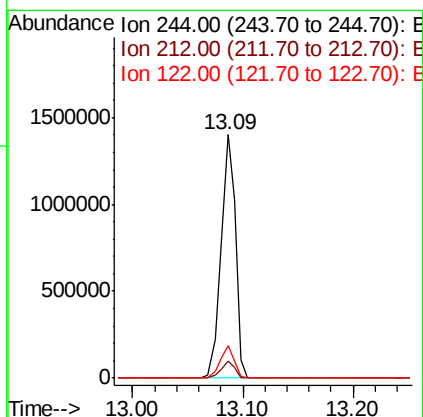
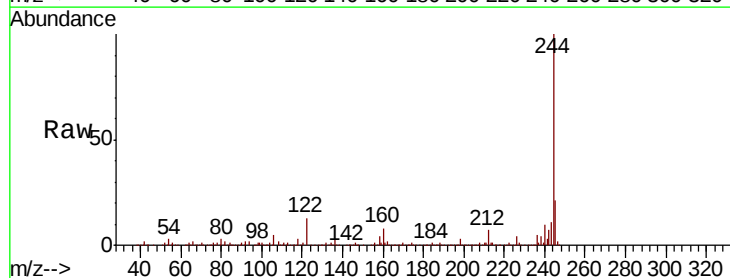
Instrument :
 BNA_F
 ClientSampleId :

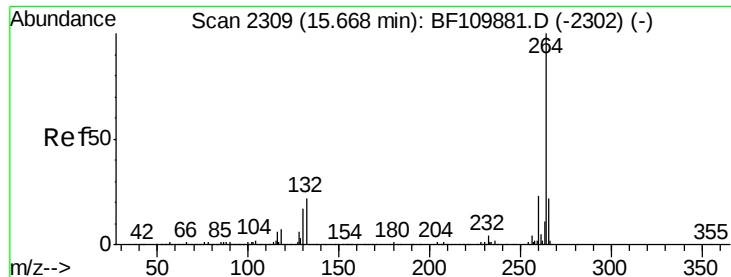
Tot Ion:240 Resp: 325007
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 25.5 21.2 31.8



#79
 Terphenyl-d14
 Concen: 82.503 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110056.D
 Acq: 22 Oct 2018 18:32

Tgt Ion:244 Resp: 1276899
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.1 8.7 13.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110056.D
 Acq: 22 Oct 2018 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.4	16.7	25.1

