

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110012.D
 Acq On : 19 Oct 2018 19:36
 Operator : JU/SJ
 Sample : J5593-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:09:01 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

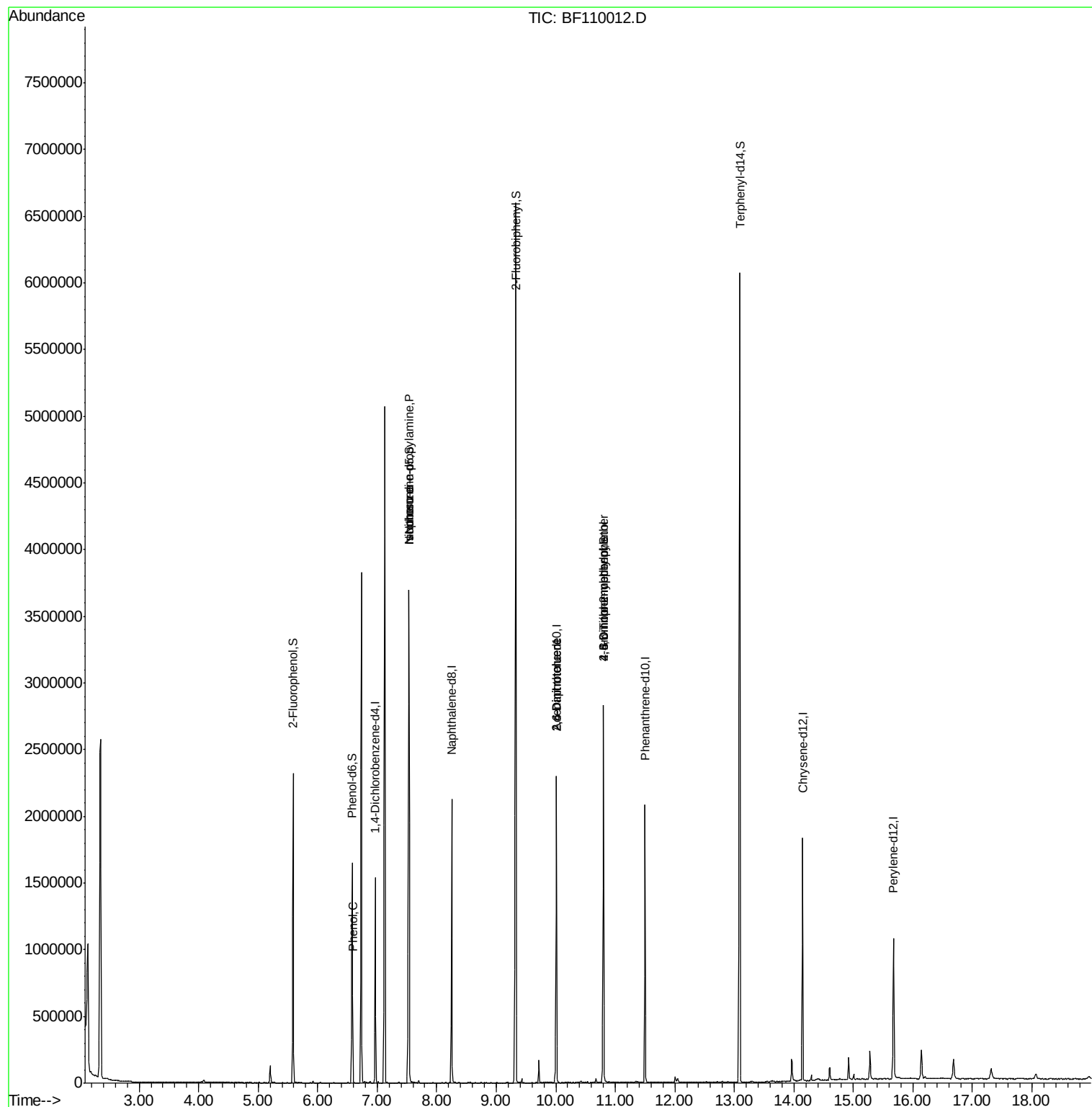
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	224275	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	933097	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	438016	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	789576	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	564649	20.00	ng	-0.02
87) Perylene-d12	15.67	264	396019	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	601811	42.53	ng	-0.01
7) Phenol-d6	6.58	99	466924	26.58	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1400533	101.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	357974	94.40	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2380453	86.72	ng	-0.01
79) Terphenyl-d14	13.09	244	2177358	80.98	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	51795	2.731	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	187557	16.627	ng	# 79
25) Isophorone	7.53	82	1400239	51.447	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	55255	9.380	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	55255	11.299	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	745	8.122	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	22759	2.660	ng	# 1

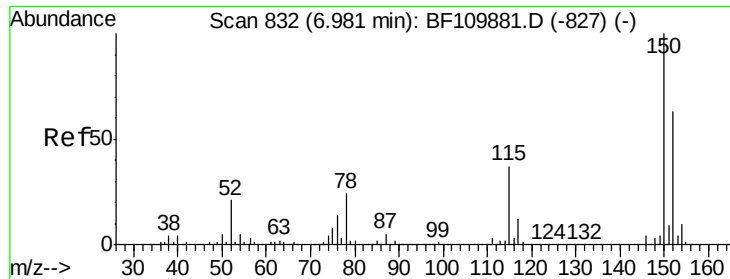
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 00:09:01 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



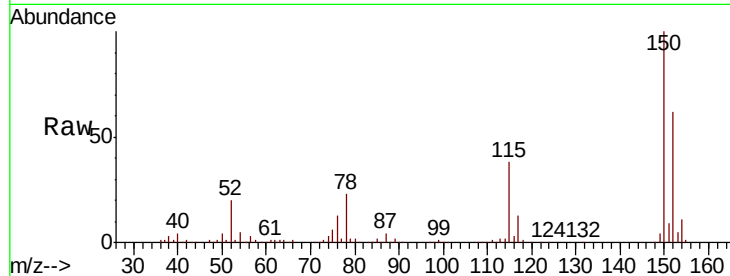


#1

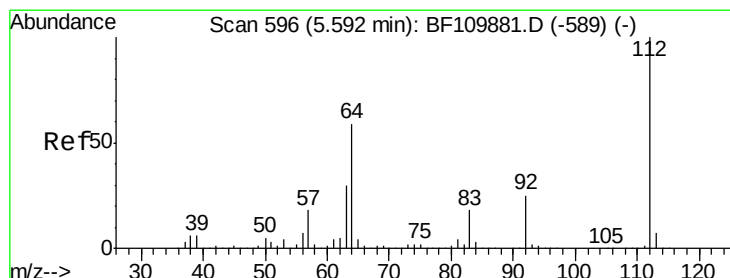
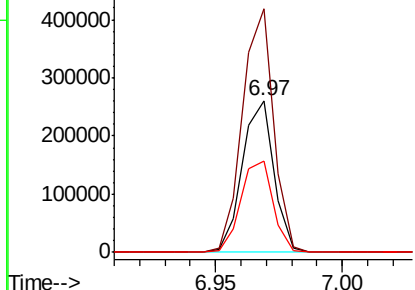
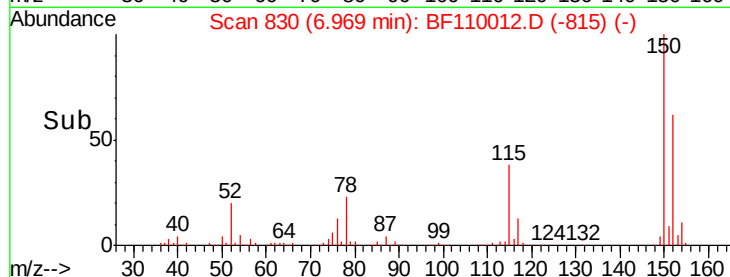
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 224275
Ion Ratio Lower Upper
152 100
150 160.4 122.7 184.1
115 60.4 49.1 73.7



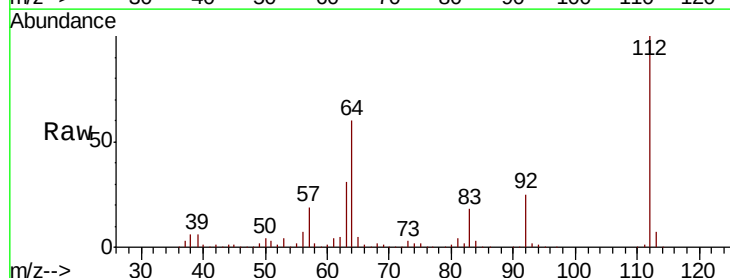
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



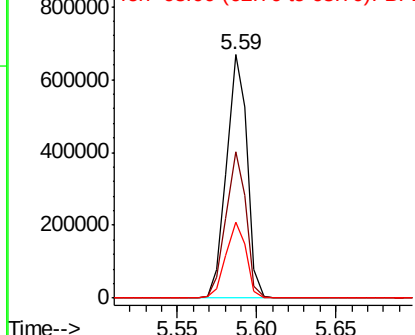
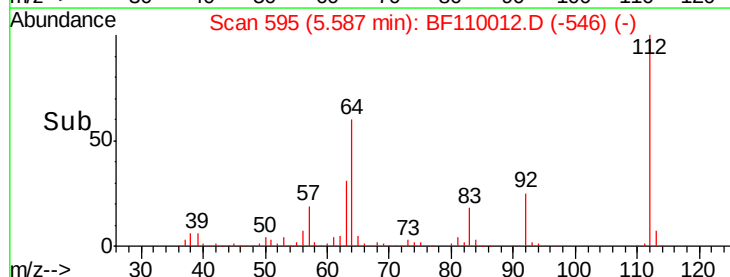
#5

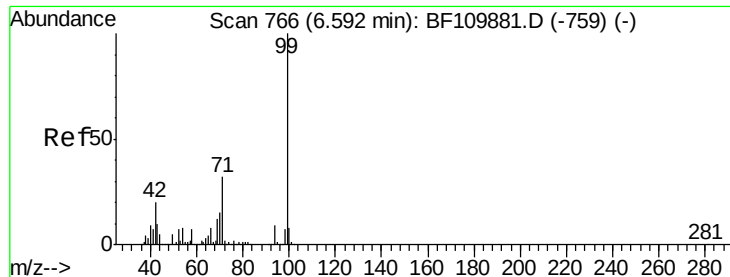
2-Fluorophenol
Concen: 42.535 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Tgt Ion:112 Resp: 601811
Ion Ratio Lower Upper
112 100
64 60.1 44.1 66.1
63 31.3 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: 26.577 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110012.D

Acq: 19 Oct 2018 19:36

Instrument :

BNA_F

ClientSampleId :

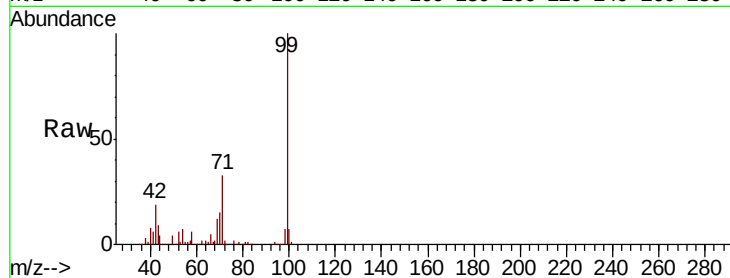
Tot Ion: 99 Resp: 466924

Ion Ratio Lower Upper

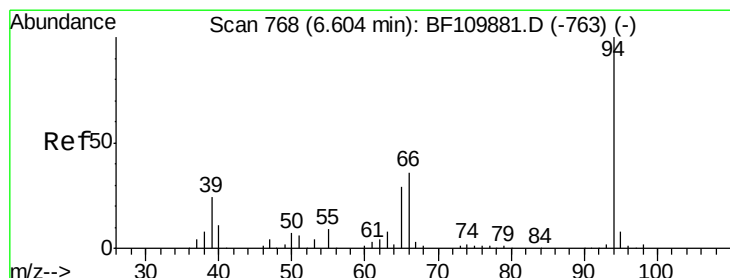
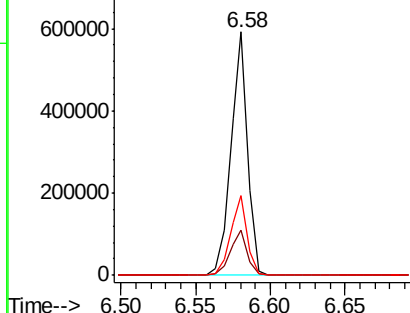
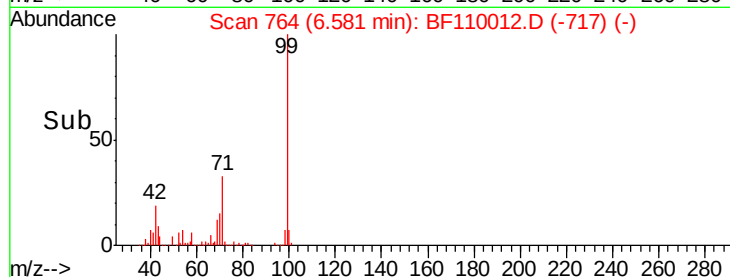
99 100

42 18.6 15.8 23.6

71 32.8 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: 2.731 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110012.D

Acq: 19 Oct 2018 19:36

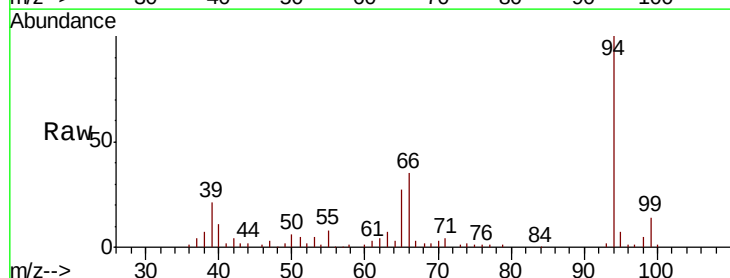
Tgt Ion: 94 Resp: 51795

Ion Ratio Lower Upper

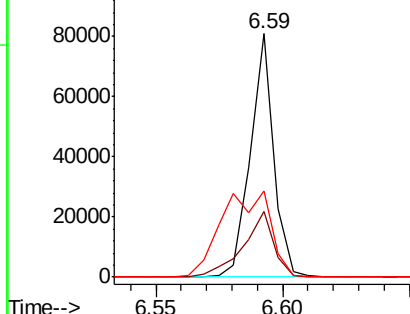
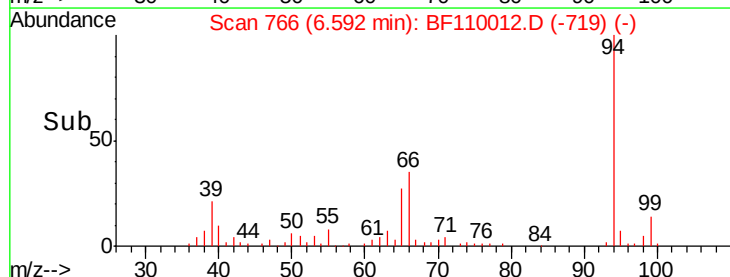
94 100

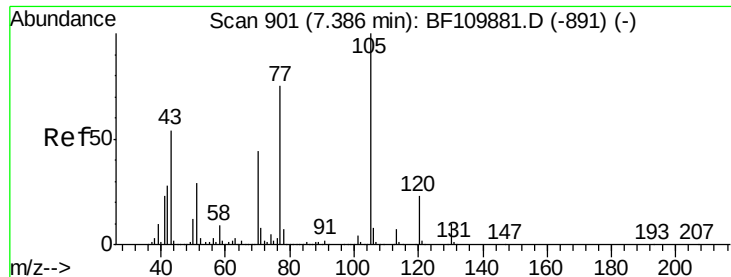
65 27.2 25.3 65.3

66 35.2 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

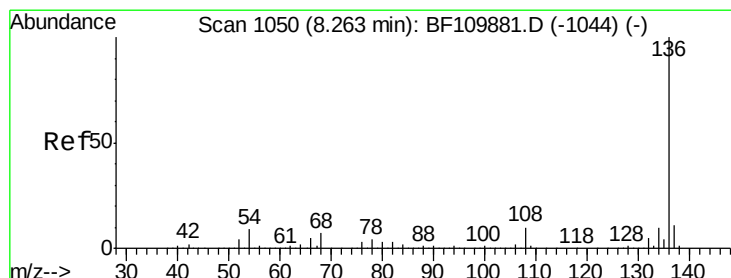
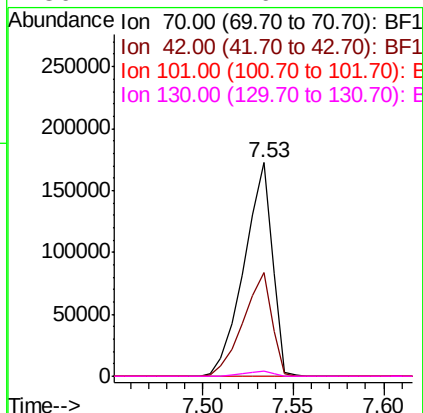
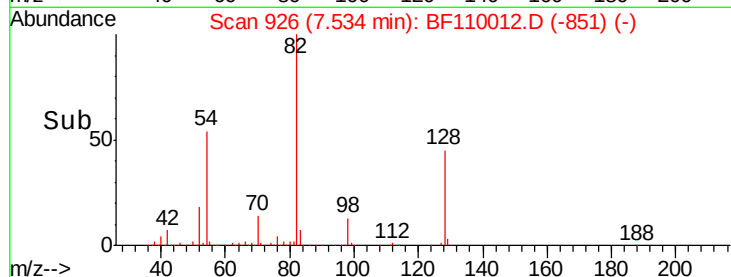
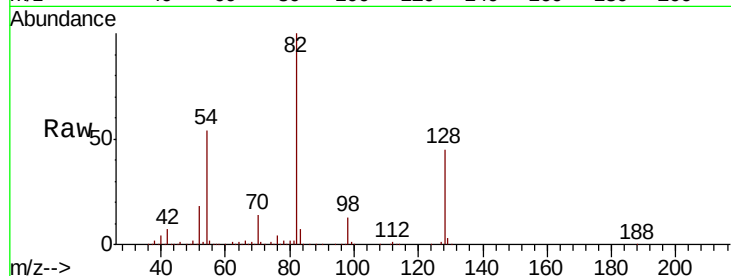




#19
n-Nitroso-di-n-propylamine
Concen: 16.627 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

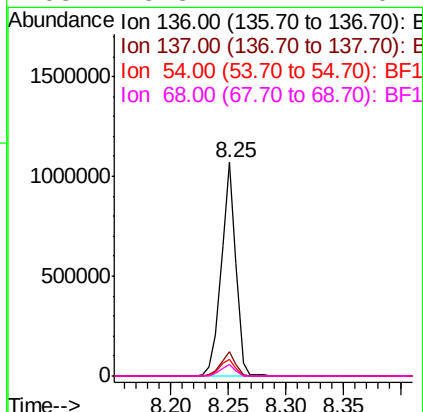
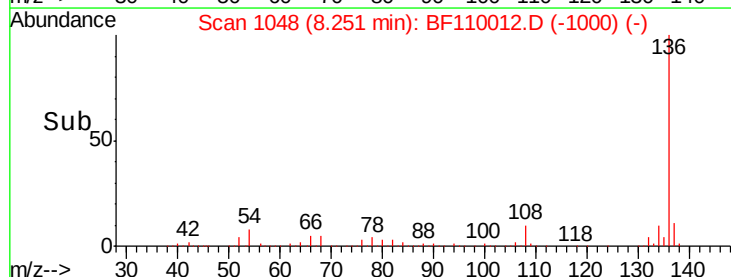
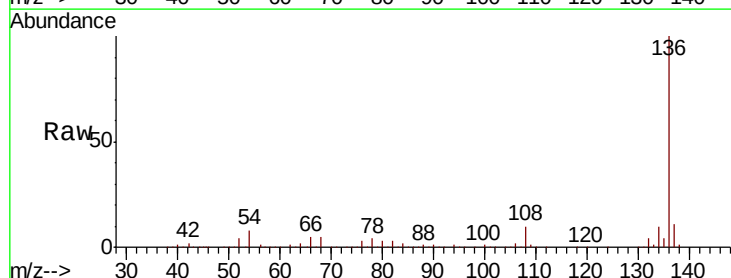
Instrument :
BNA_F
ClientSampled :

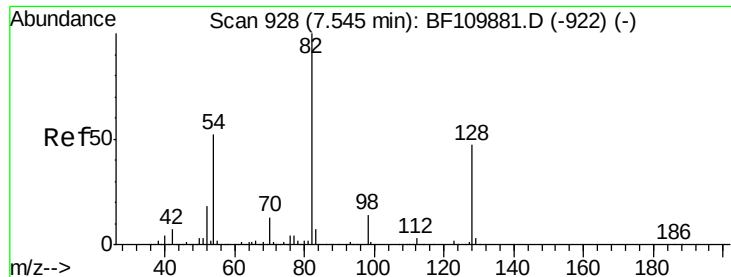
Tot Ion: 70 Resp: 187557
Ion Ratio Lower Upper
70 100
42 48.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Tgt Ion:136 Resp: 933097
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.0 5.4 8.2
68 5.3 4.2 6.2

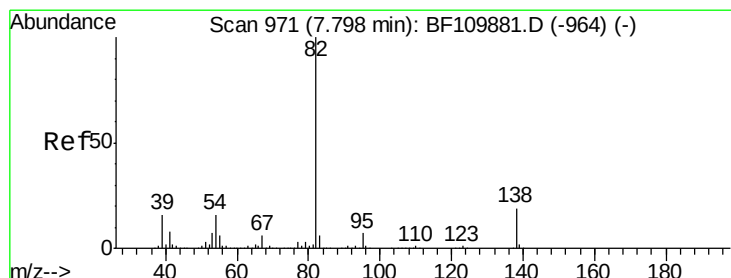
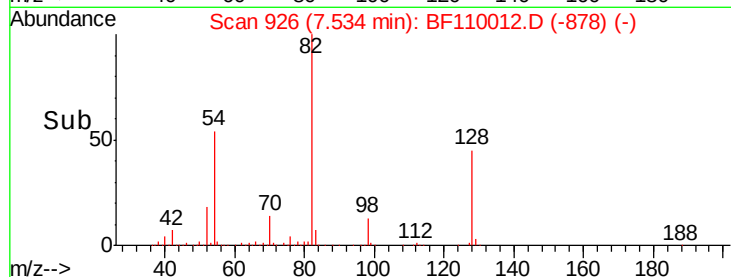
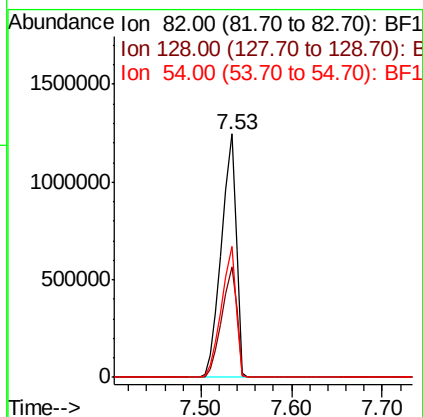
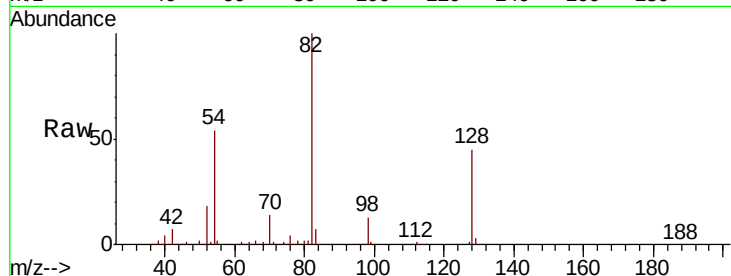




#23
Nitrobenzene-d5
Concen: 101.110 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

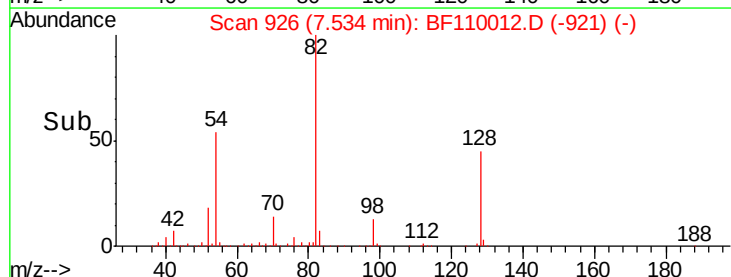
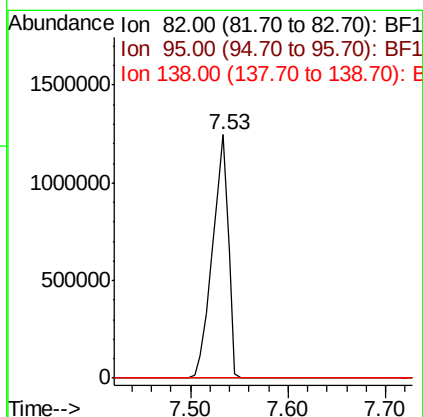
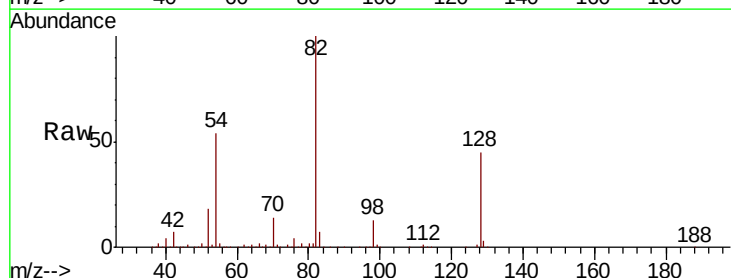
Instrument :
BNA_F
ClientSampleId :

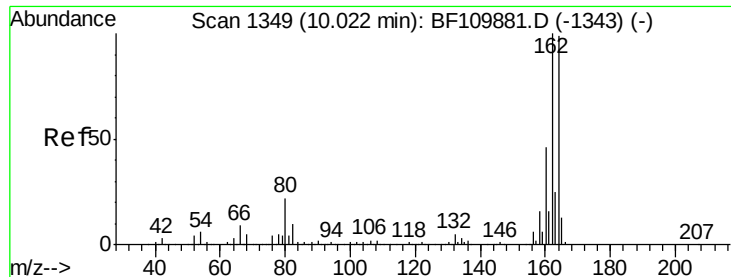
Tot Ion: 82 Resp: 1400533
Ion Ratio Lower Upper
82 100
128 45.2 34.2 51.2
54 53.7 38.6 58.0



#25
Isophorone
Concen: 51.447 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Tgt Ion: 82 Resp: 1400239
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

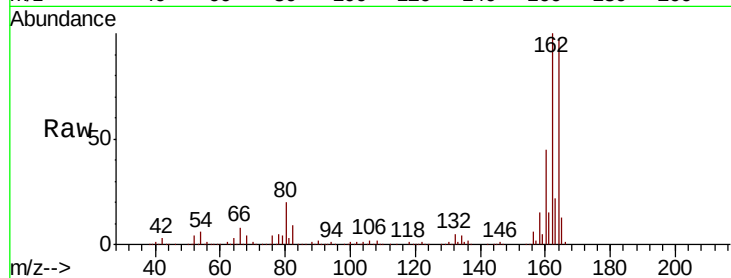




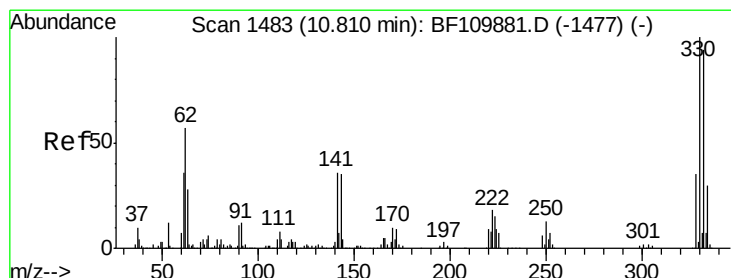
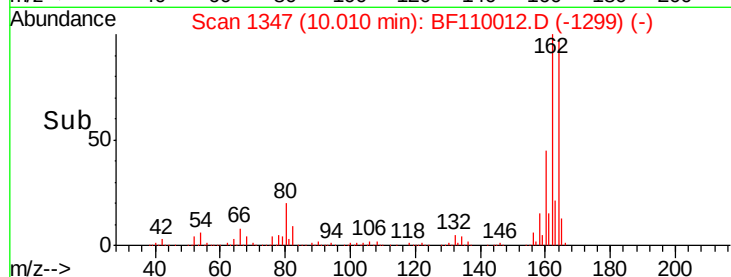
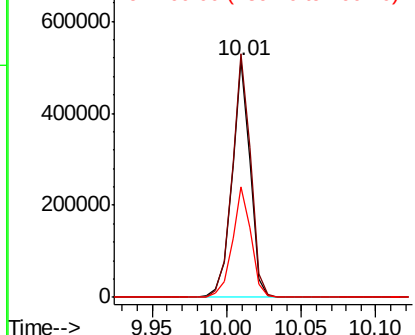
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110012.D
 Acq: 19 Oct 2018 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 438016
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.0 124.6
 160 46.6 37.0 55.6

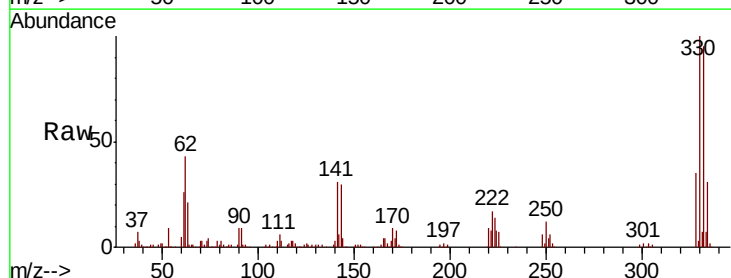


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

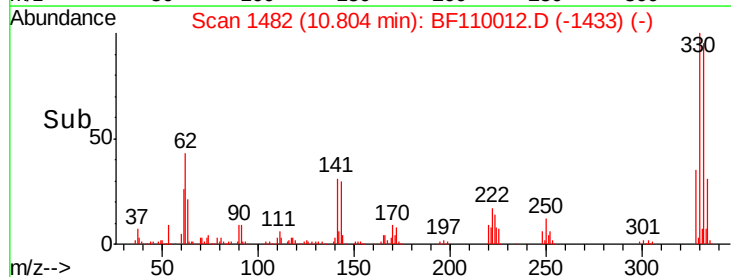
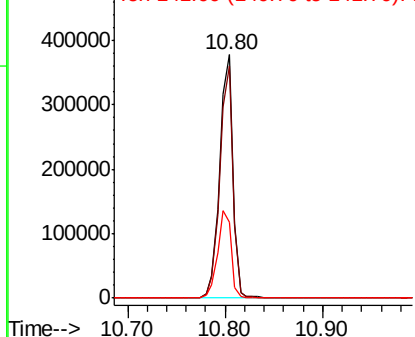


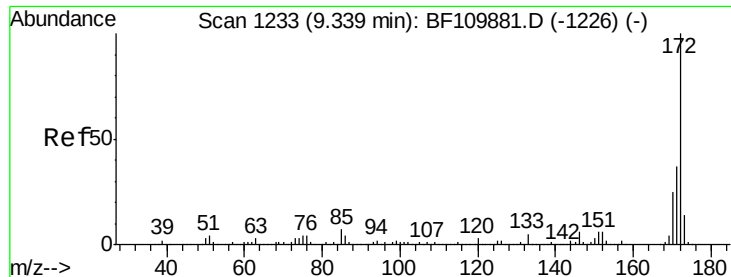
#42
 2,4,6-Tribromophenol
 Concen: 94.397 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110012.D
 Acq: 19 Oct 2018 19:36

Tgt Ion:330 Resp: 357974
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.1 115.7
 141 36.6 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

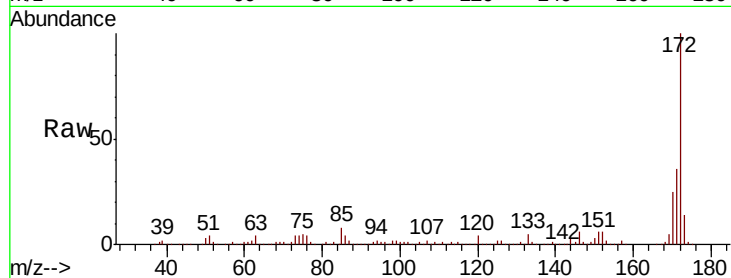




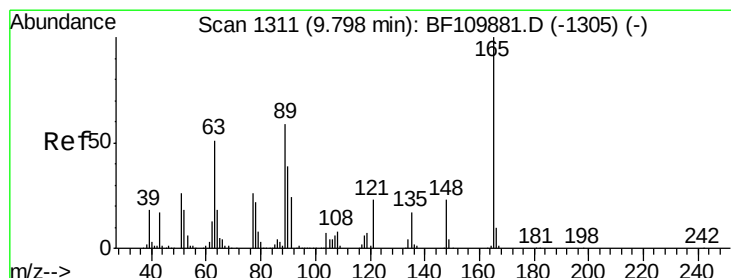
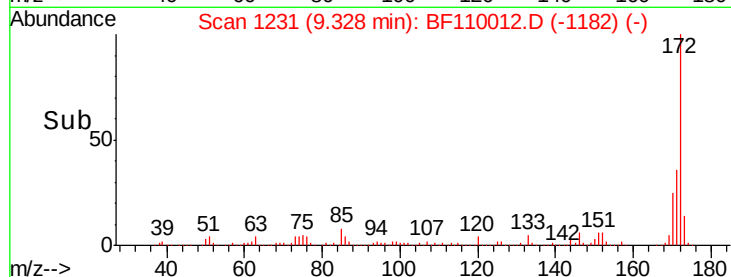
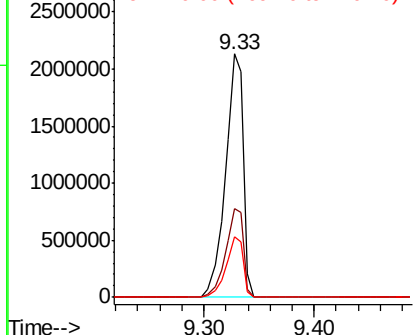
#45
2-Fluorobiphenyl
Concen: 86.718 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2380453
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.0 19.7 29.5

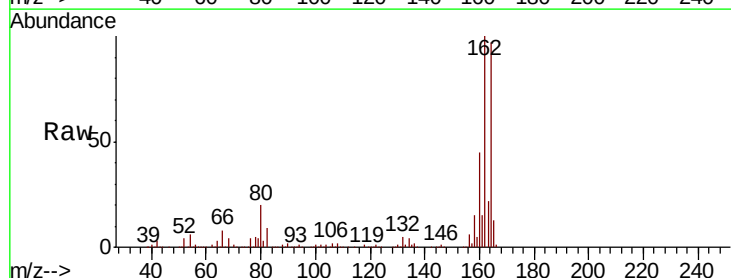


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

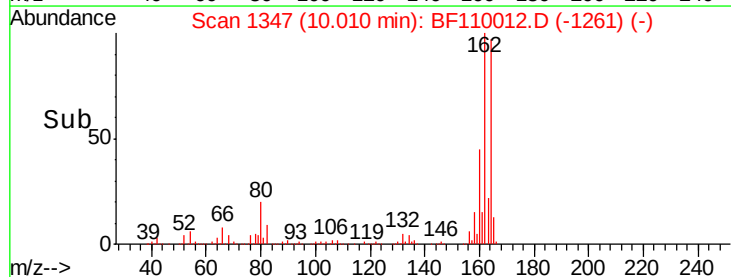
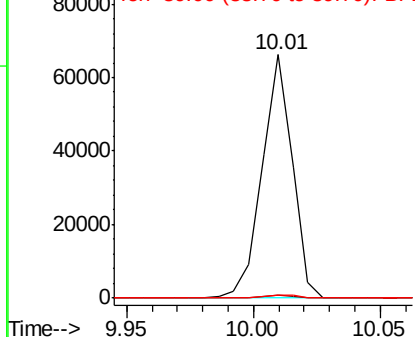


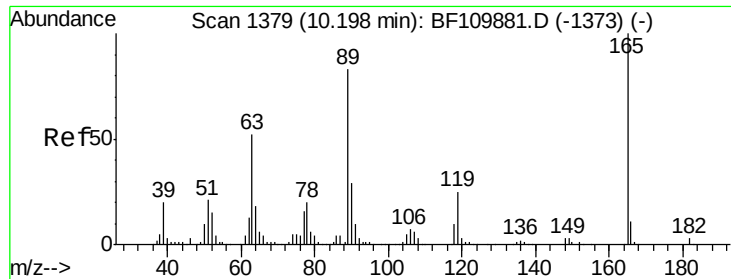
#51
2,6-Dinitrotoluene
Concen: 9.380 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Tgt Ion:165 Resp: 55255
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.1 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

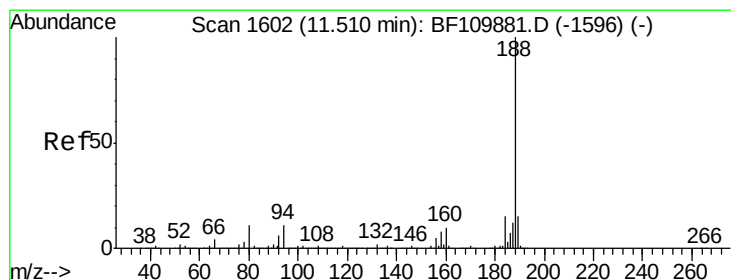
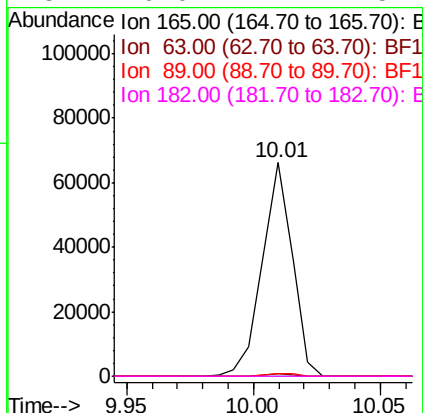
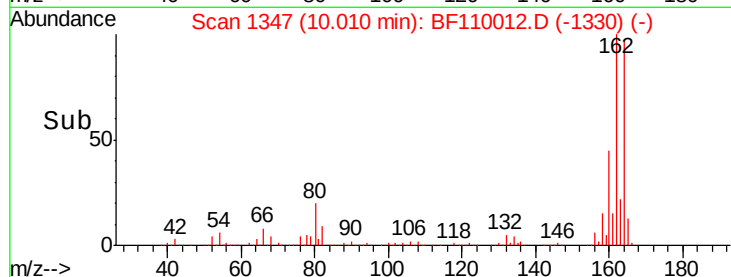
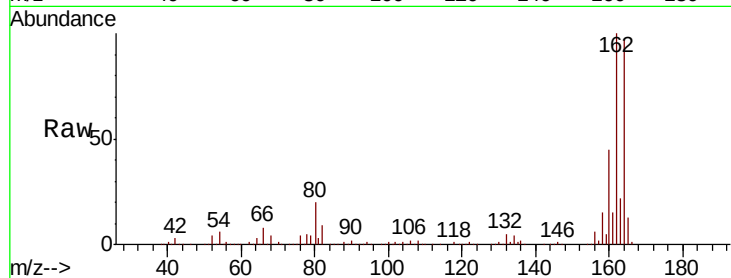




#57
2,4-Dinitrotoluene
Concen: 11.299 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

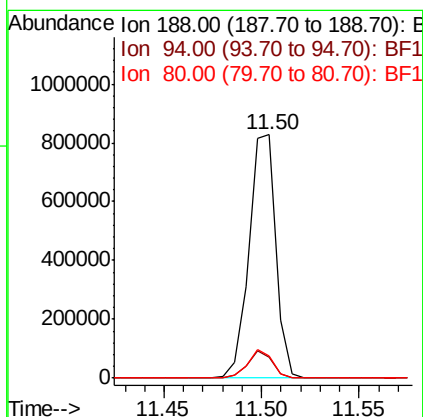
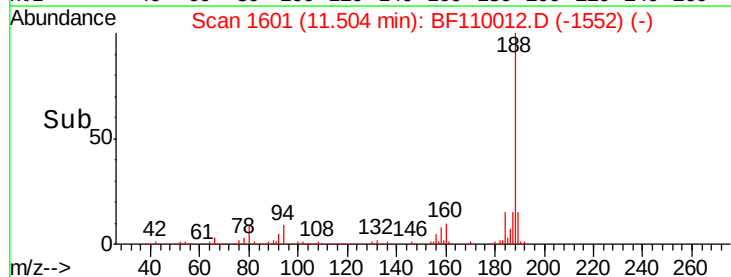
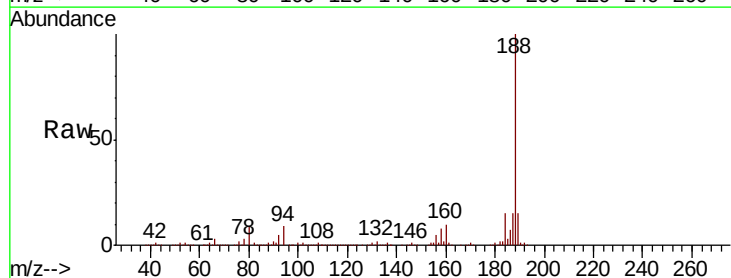
Instrument :
BNA_F
ClientSampleId :

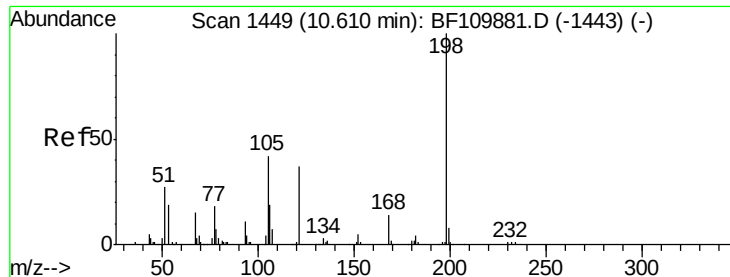
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.1	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 8.122 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.18 min

Lab File: BF110012.D

Acq: 19 Oct 2018 19:36

Instrument :

BNA_F

ClientSampled :

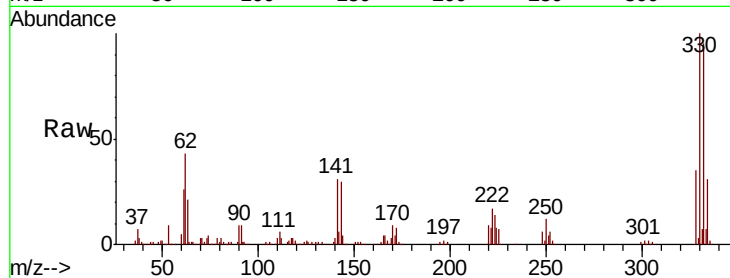
Tot Ion:198 Resp: 745

Ion Ratio Lower Upper

198 100

51 146.9 22.8 62.8#

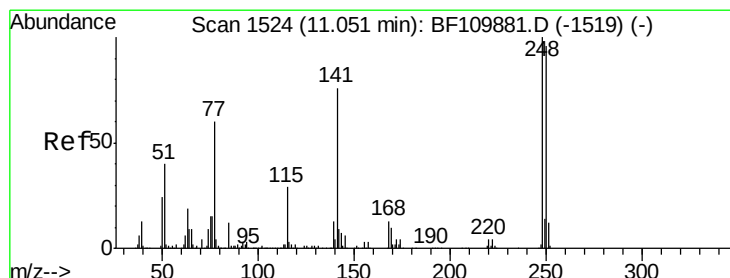
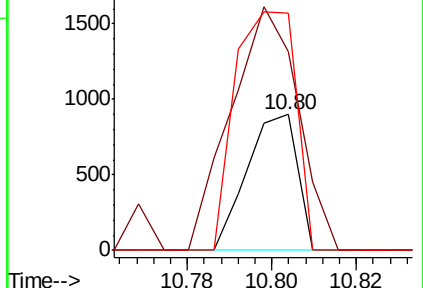
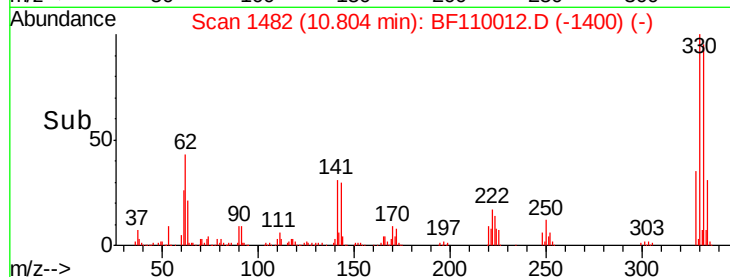
105 175.3 23.6 63.6#



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: 2.660 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.25 min

Lab File: BF110012.D

Acq: 19 Oct 2018 19:36

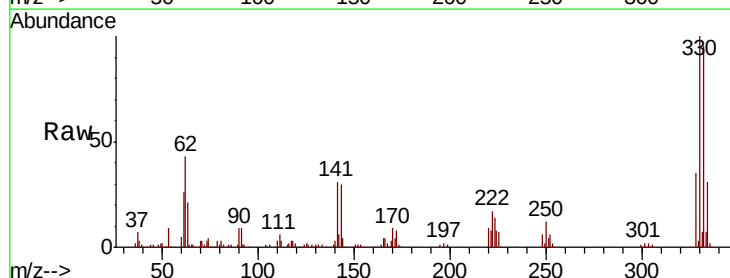
Tgt Ion:248 Resp: 22759

Ion Ratio Lower Upper

248 100

250 201.1 79.4 119.2#

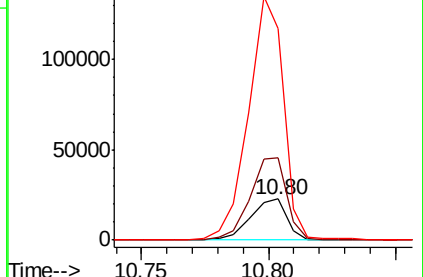
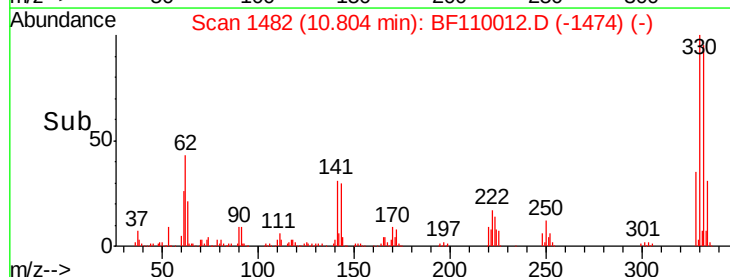
141 513.0 55.9 83.9#

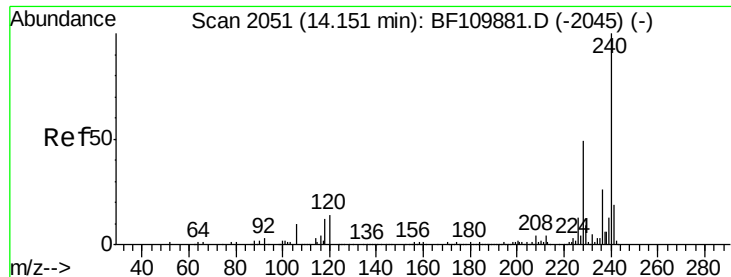


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

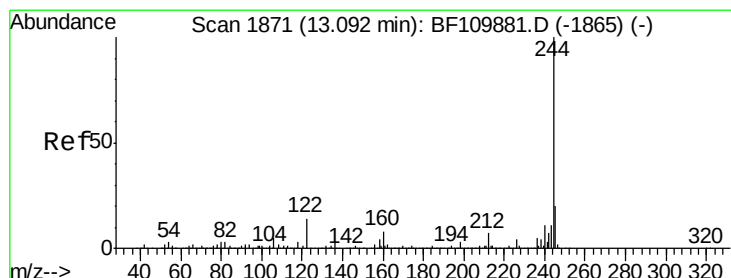
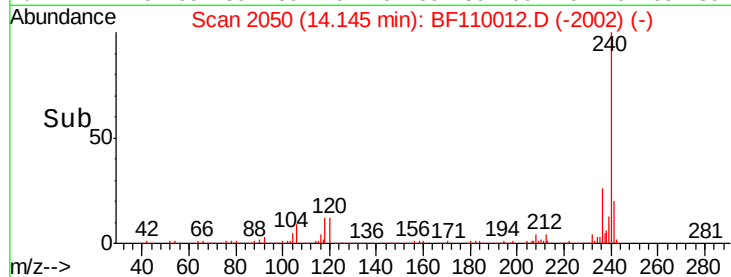
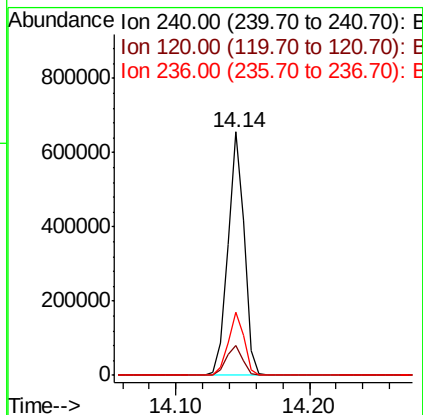
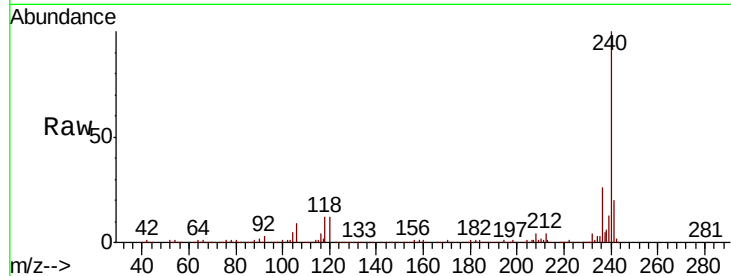




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110012.D
 Acq: 19 Oct 2018 19:36

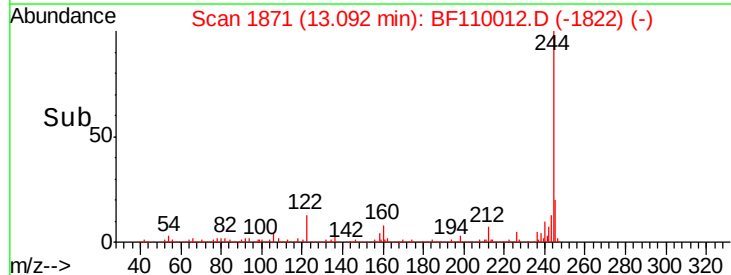
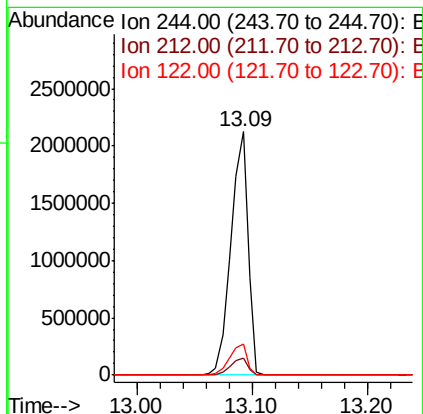
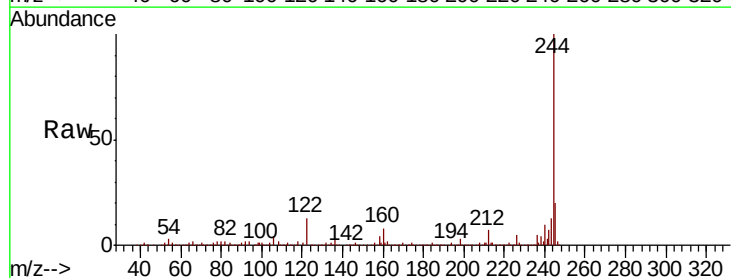
Instrument :
 BNA_F
 ClientSampleID :

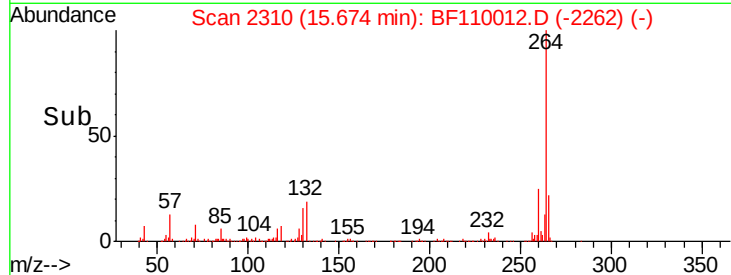
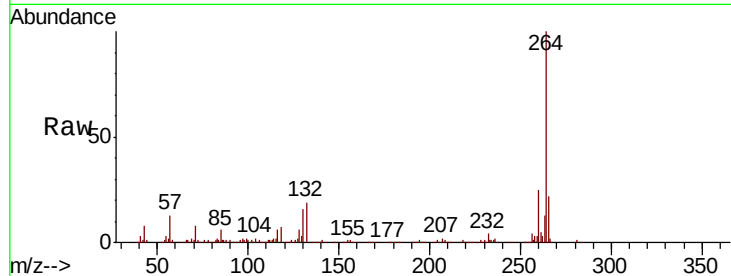
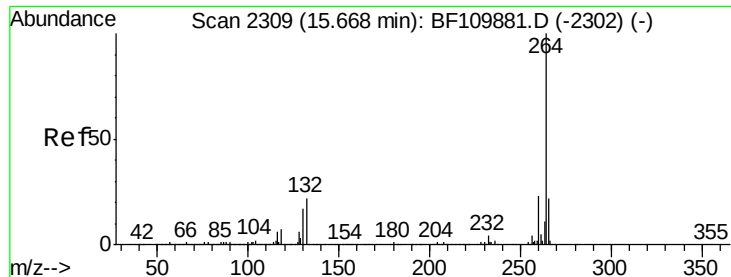
Tot Ion:240 Resp: 564649
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.3 12.5
 236 25.7 21.2 31.8



#79
 Terphenyl-d14
 Concen: 80.976 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110012.D
 Acq: 19 Oct 2018 19:36

Tgt Ion:244 Resp: 2177358
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.6 8.7 13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110012.D
Acq: 19 Oct 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	396019
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.2	16.7	25.1

