

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110051.D
 Acq On : 22 Oct 2018 16:17
 Operator : JU/SJ
 Sample : J5601-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:09:18 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	194954	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	710941	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	282253	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	454378	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	341185	20.00	ng	-0.01
87) Perylene-d12	15.68	264	265573	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	458306	37.26	ng	-0.01
7) Phenol-d6	6.58	99	364286	23.85	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1033811	97.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	195057	79.82	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1717944	97.12	ng	-0.01
79) Terphenyl-d14	13.09	244	1337046	82.29	ng	-0.02

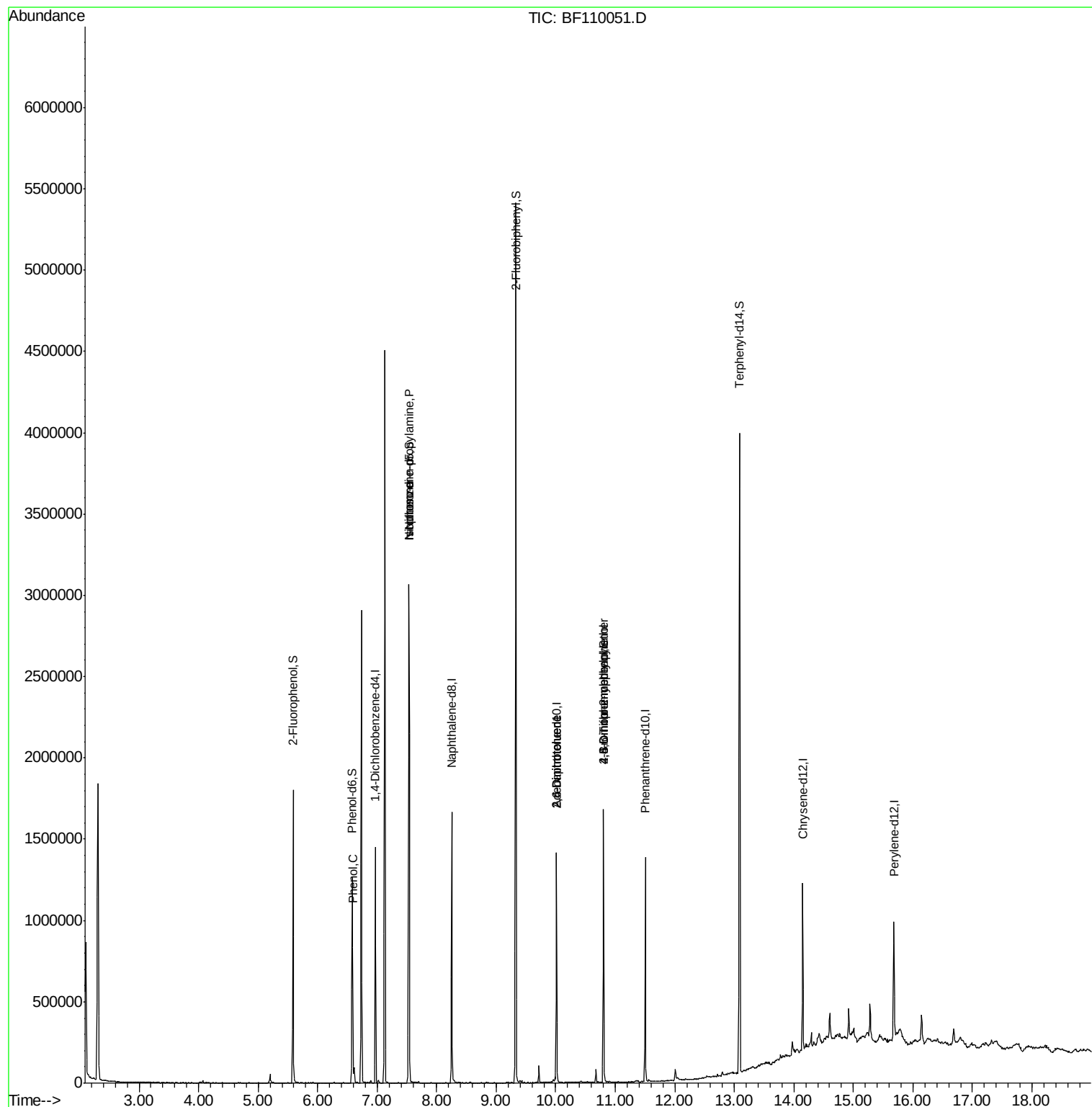
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.59	94	34243	2.077	ng	# 65
19) n-Nitroso-di-n-propylamine	7.53	70	140392	14.317	ng	# 80
25) Isophorone	7.53	82	1033800	49.853	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	36009	9.486	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	36009	11.375	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	386	8.100	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	12745	2.588	ng	# 1

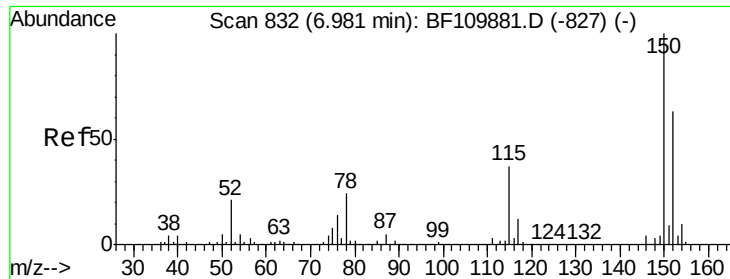
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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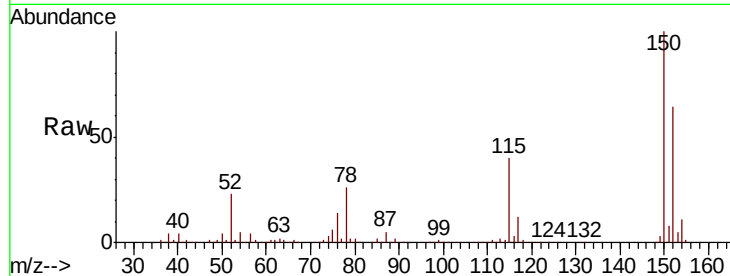


#1

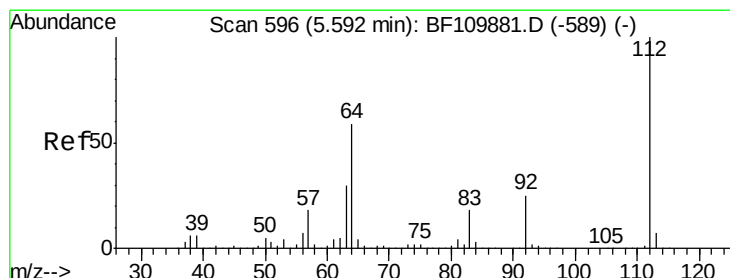
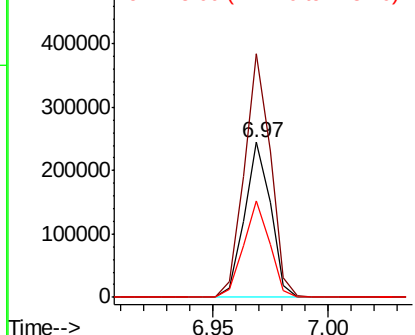
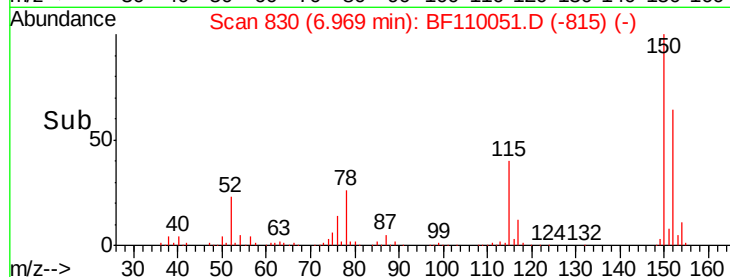
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 194954
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 62.1 49.1 73.7



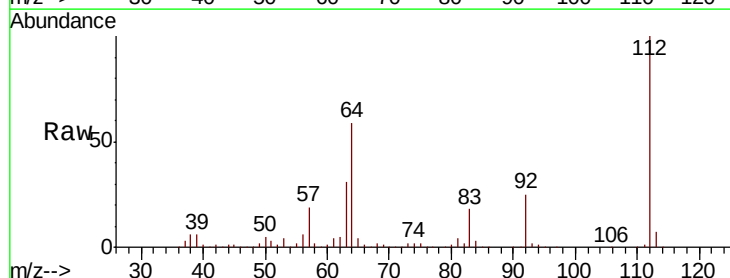
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



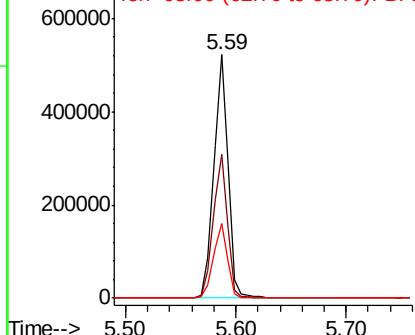
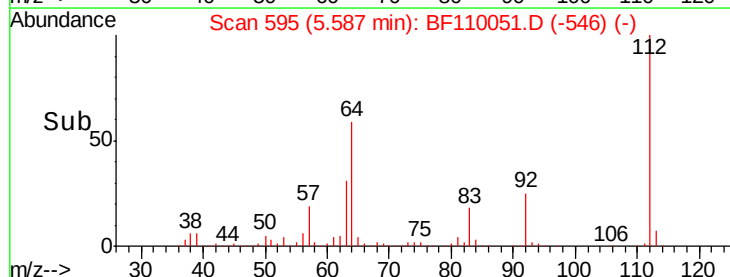
#5

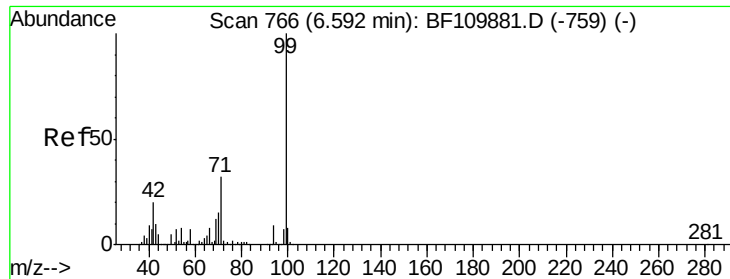
2-Fluorophenol
Concen: 37.264 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Tgt Ion:112 Resp: 458306
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 30.6 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: 23.853 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110051.D

Acq: 22 Oct 2018 16:17

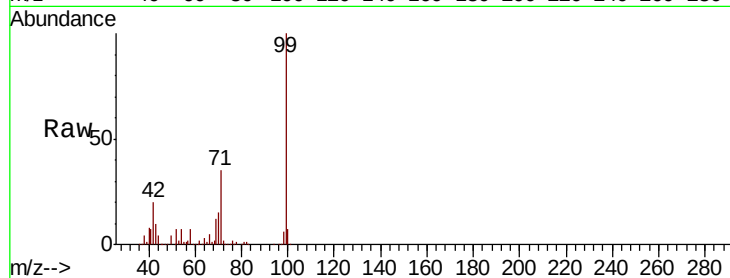
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 364286

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	34.5	28.0	42.0

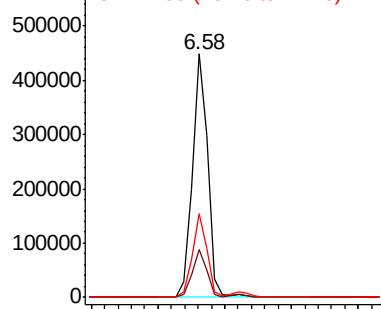


Abundance

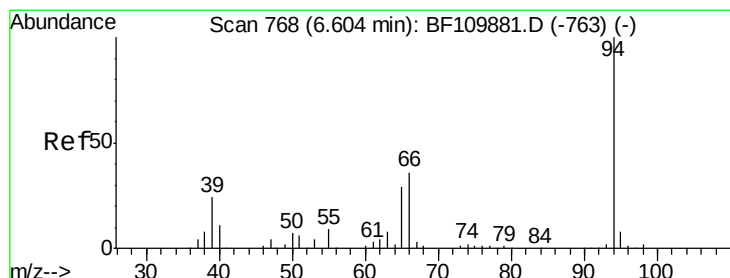
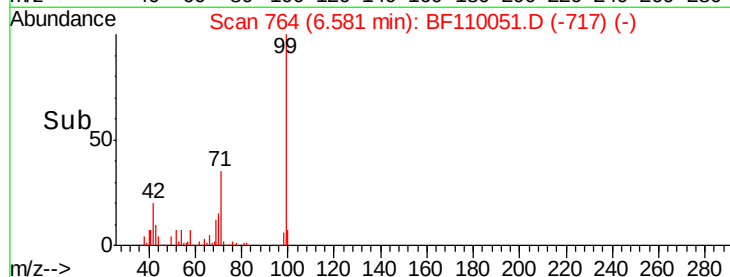
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 2.077 ng

RT: 6.59 min Scan# 766

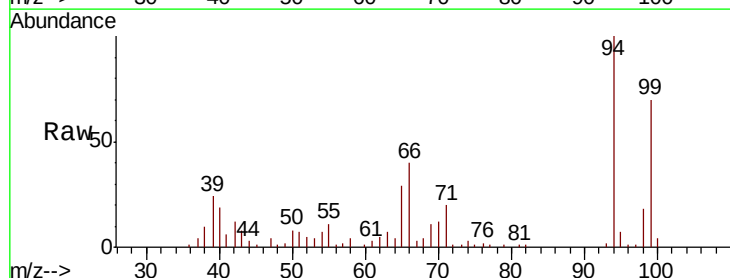
Delta R.T. -0.02 min

Lab File: BF110051.D

Acq: 22 Oct 2018 16:17

Tgt Ion: 94 Resp: 34243

Ion	Ratio	Lower	Upper
94	100		
65	29.4	25.3	65.3
66	39.8	54.5	94.5#

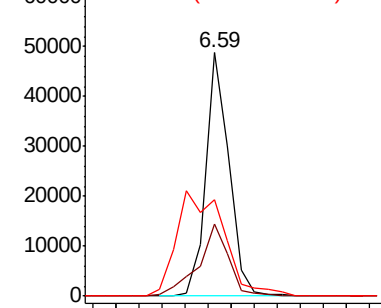


Abundance

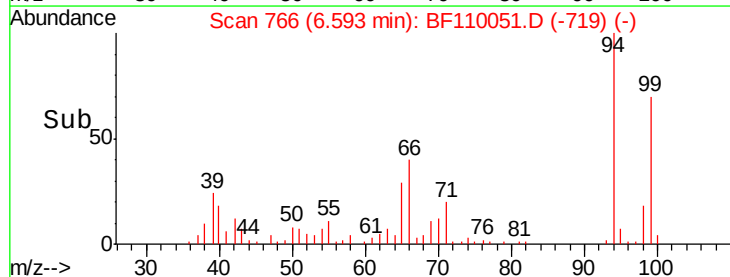
Ion 94.00 (93.70 to 94.70): BF1

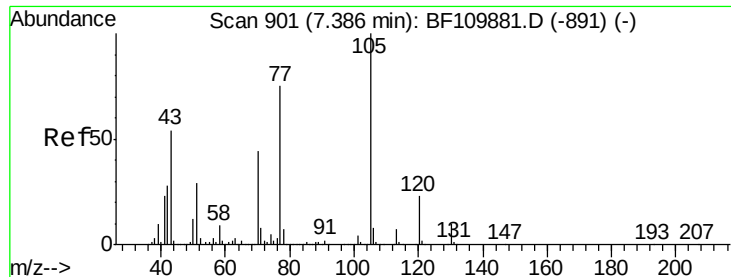
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->

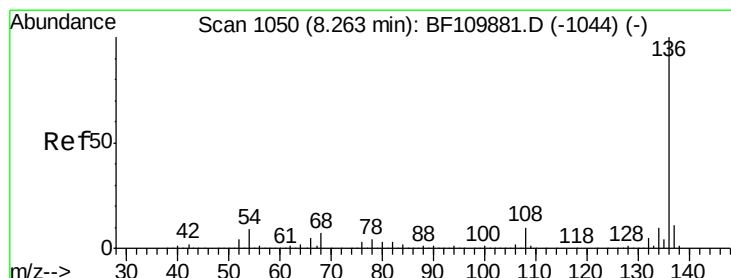
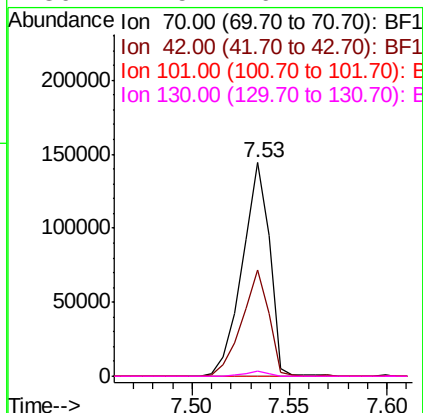
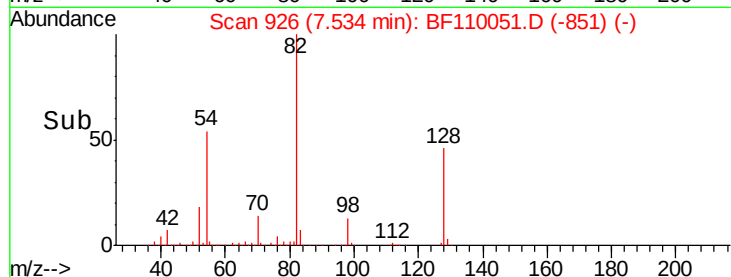
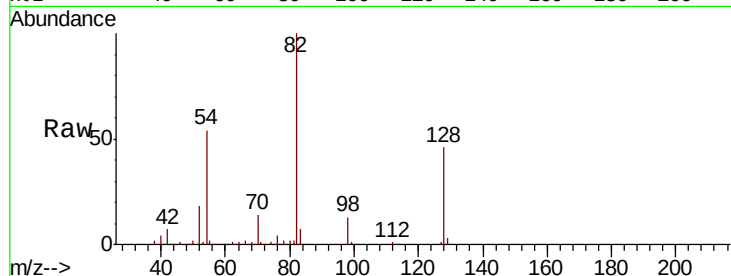




#19
n-Nitroso-di-n-propylamine
Concen: 14.317 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

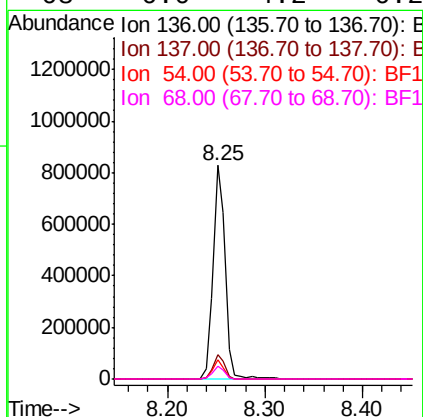
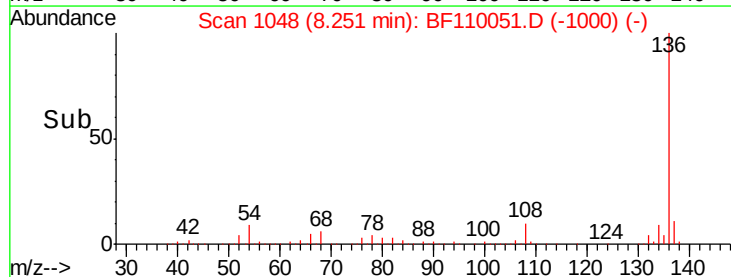
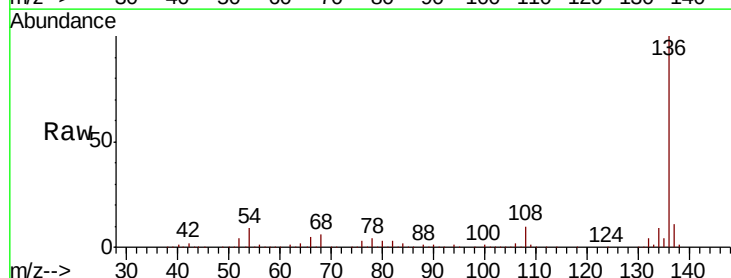
Instrument :
BNA_F
ClientSampleId :

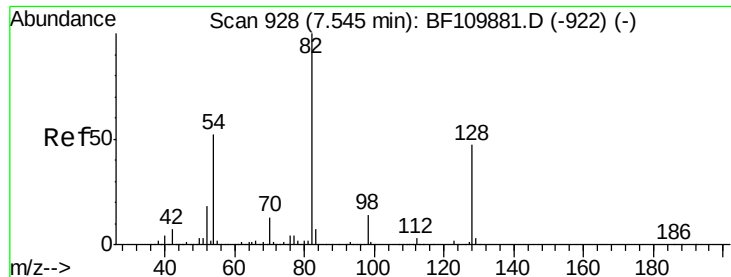
Tot Ion: 70 Resp: 140392
Ion Ratio Lower Upper
70 100
42 49.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Tgt Ion:136 Resp: 710941
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 5.4 8.2#
68 6.0 4.2 6.2

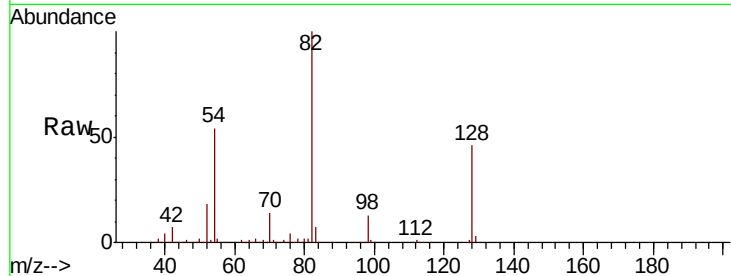




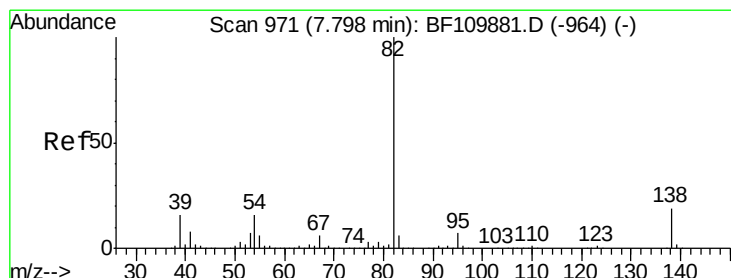
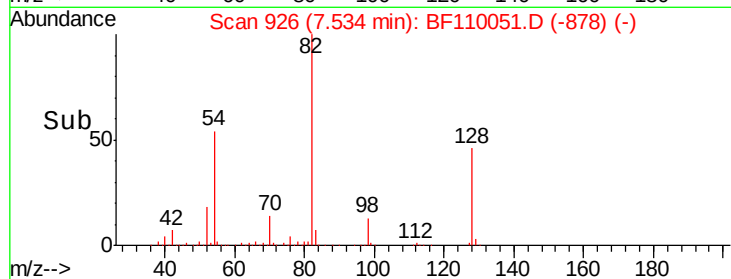
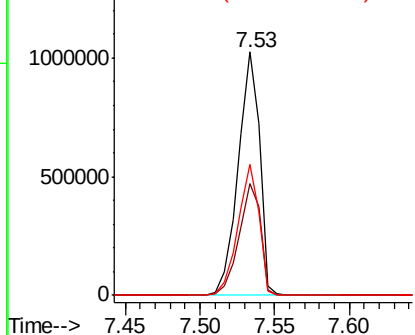
#23
Nitrobenzene-d5
Concen: 97.957 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1033811
Ion Ratio Lower Upper
82 100
128 46.1 34.2 51.2
54 53.9 38.6 58.0

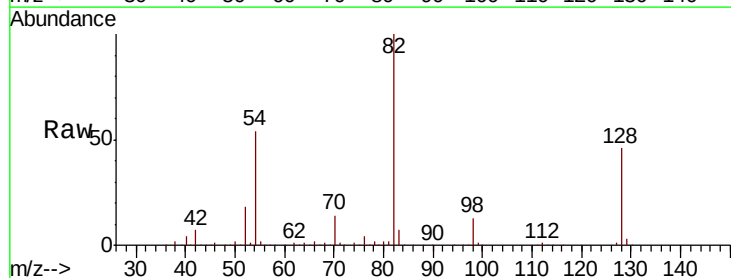


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

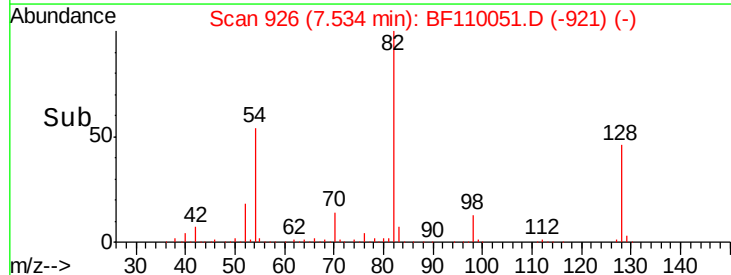
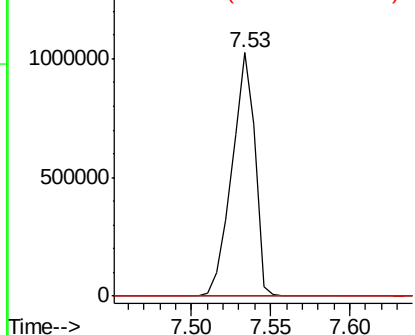


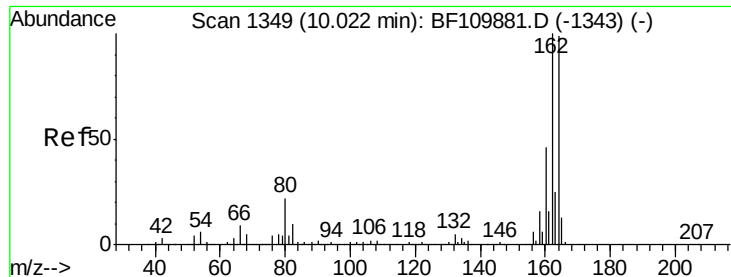
#25
Isophorone
Concen: 49.853 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.27 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Tgt Ion: 82 Resp: 1033800
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

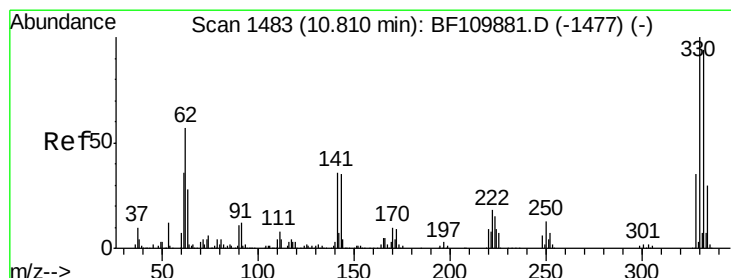
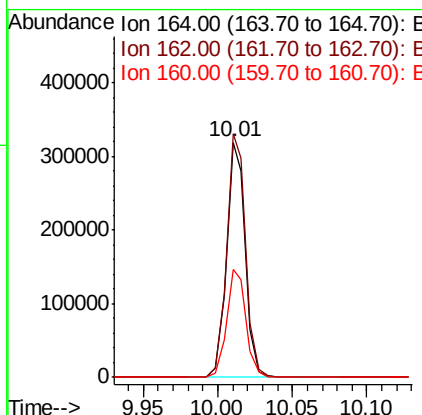
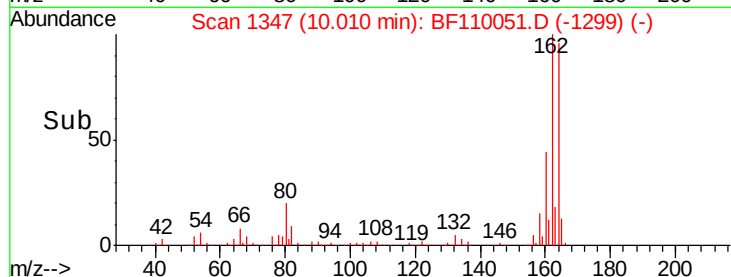
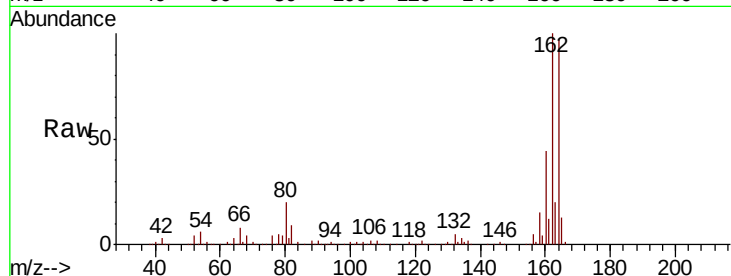




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

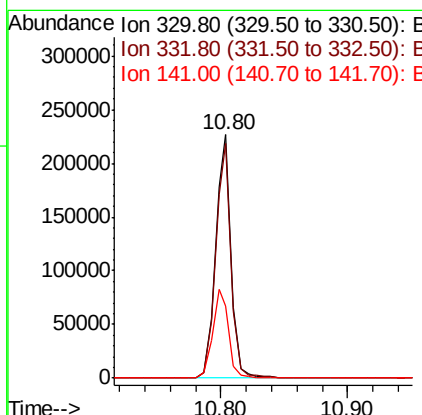
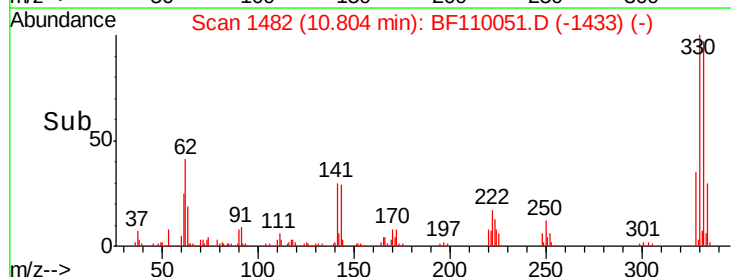
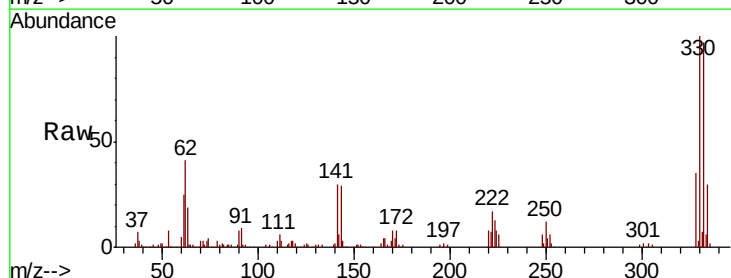
Instrument :
BNA_F
ClientSampleId :

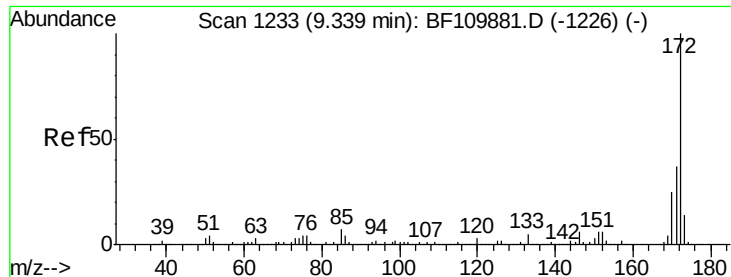
Tot Ion:164 Resp: 282253
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.6
160 45.8 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 79.821 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Tgt Ion:330 Resp: 195057
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.5 27.0 40.4

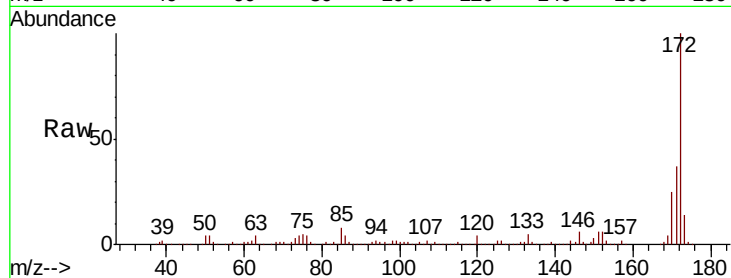




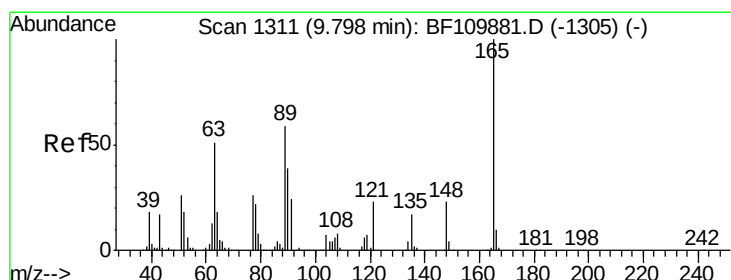
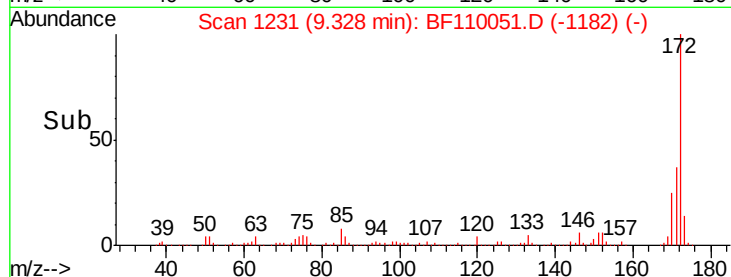
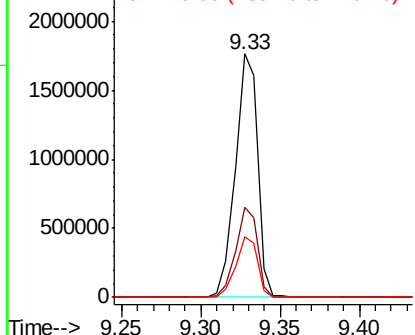
#45
2-Fluorobiphenyl
Concen: 97.120 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1717944
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.7 19.7 29.5

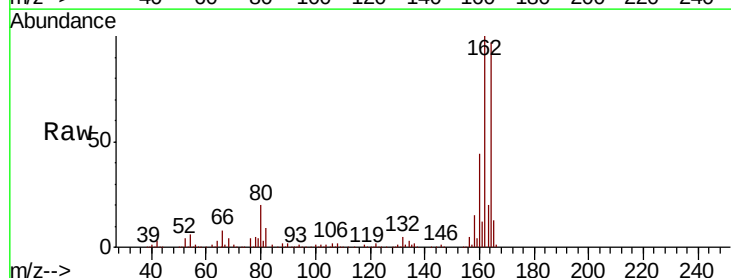


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

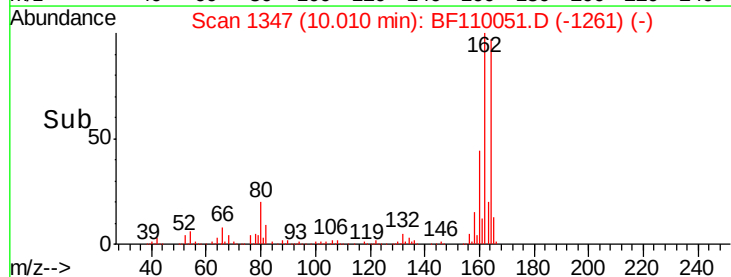
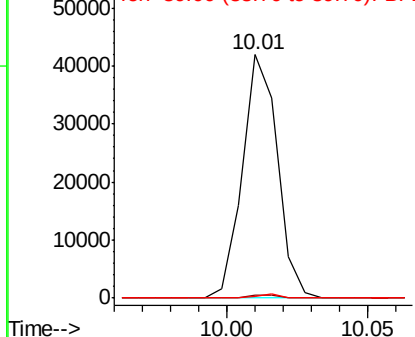


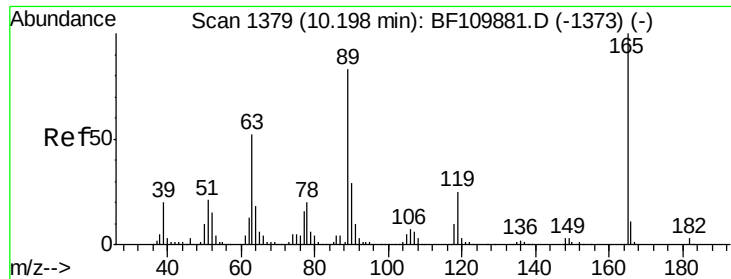
#51
2,6-Dinitrotoluene
Concen: 9.486 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Tgt Ion:165 Resp: 36009
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 0.9 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

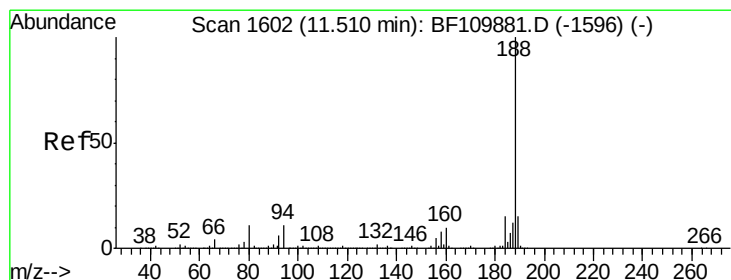
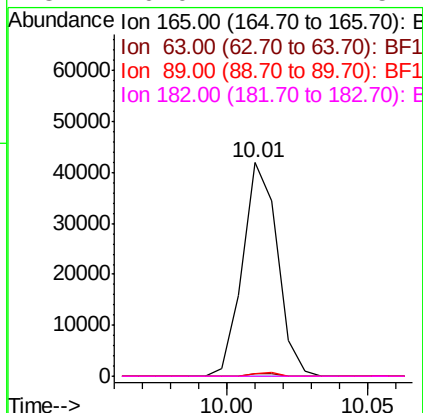
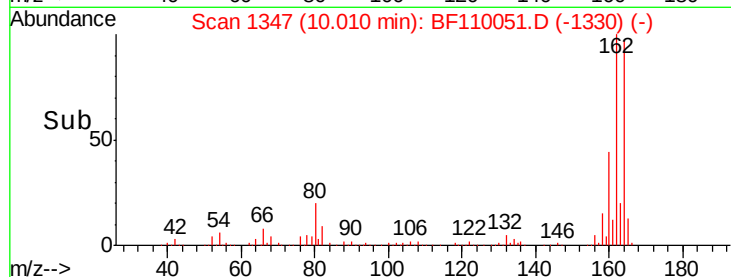
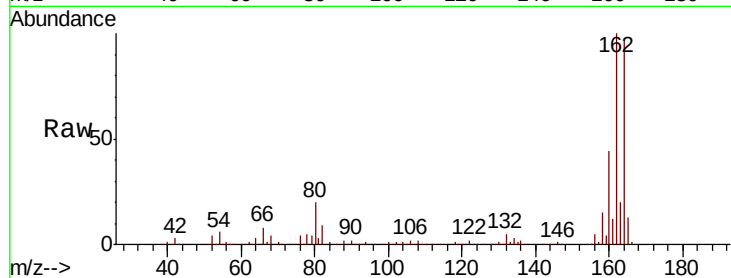




#57
2,4-Dinitrotoluene
Concen: 11.375 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

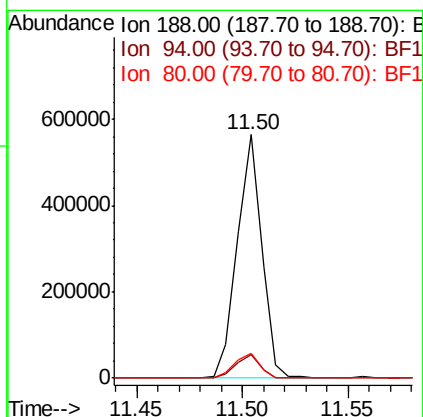
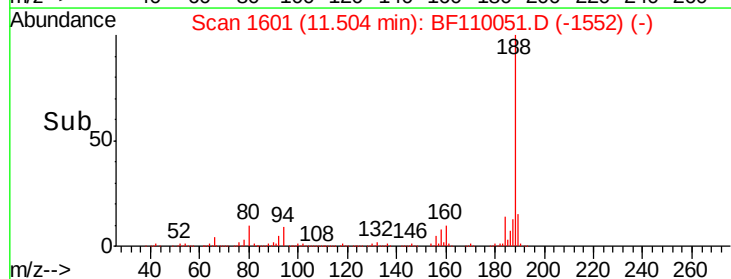
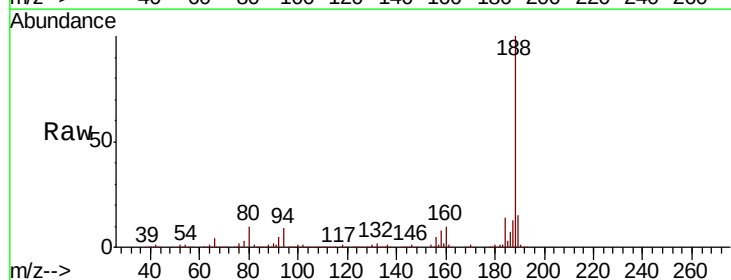
Instrument :
BNA_F
ClientSampleId :

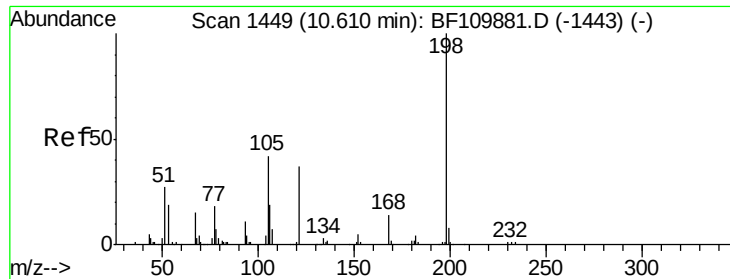
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	0.9	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.0	7.9	11.9

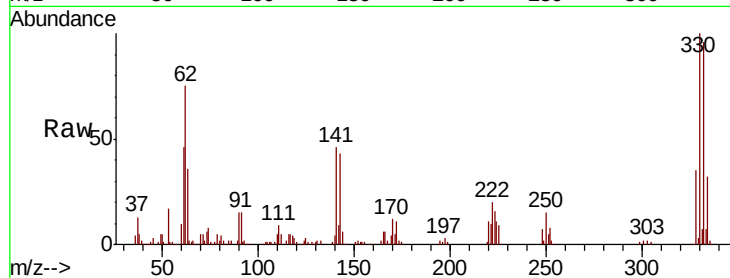




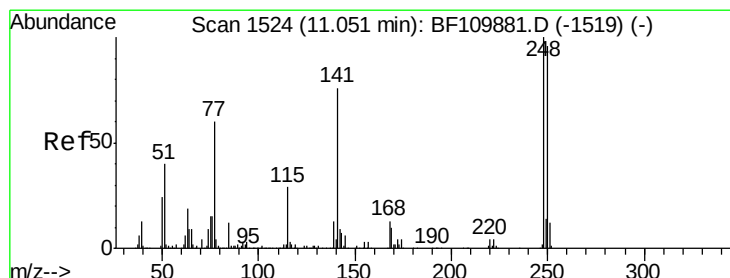
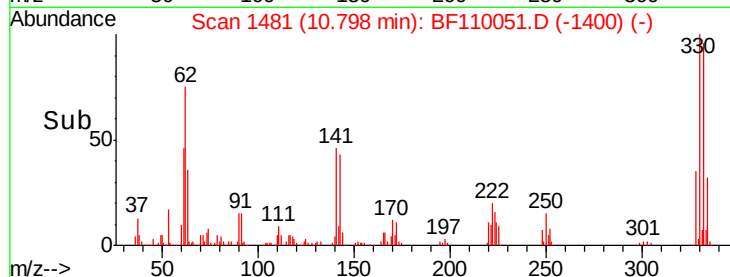
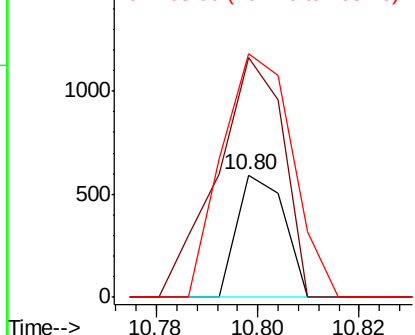
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.100 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.18 min
 Lab File: BF110051.D
 Acq: 22 Oct 2018 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 386
 Ion Ratio Lower Upper
 198 100
 51 195.9 22.8 62.8#
 105 199.5 23.6 63.6#

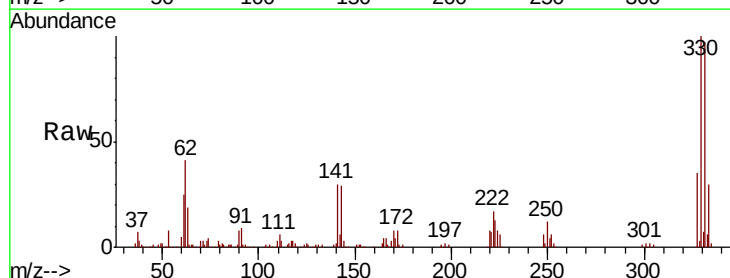


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

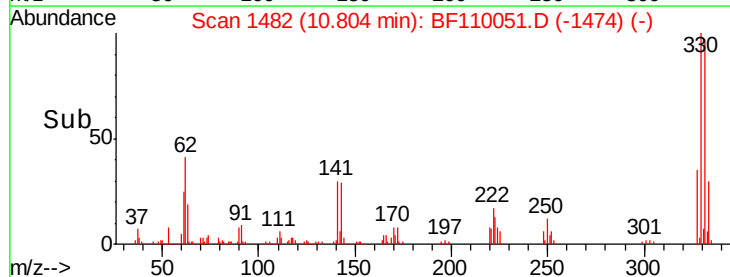
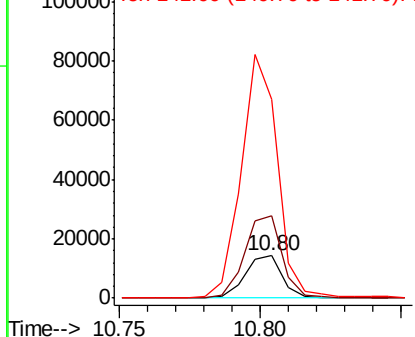


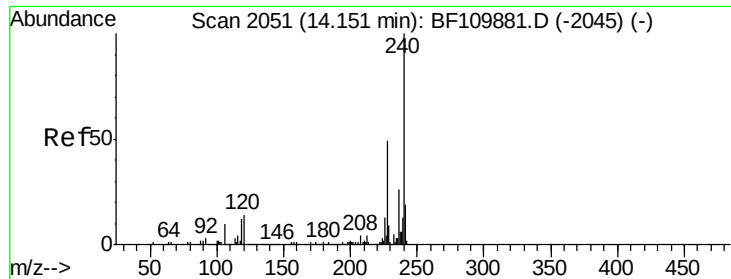
#67
 4-Bromophenyl-phenylether
 Concen: 2.588 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF110051.D
 Acq: 22 Oct 2018 16:17

Tgt Ion:248 Resp: 12745
 Ion Ratio Lower Upper
 248 100
 250 193.5 79.4 119.2#
 141 471.6 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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110051.D

Acq: 22 Oct 2018 16:17

Instrument :

BNA_F

ClientSampleID :

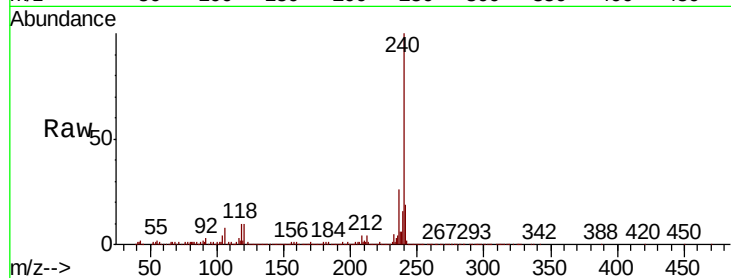
Tot Ion:240 Resp: 341185

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

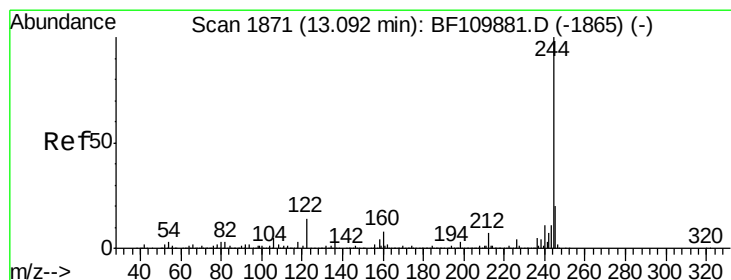
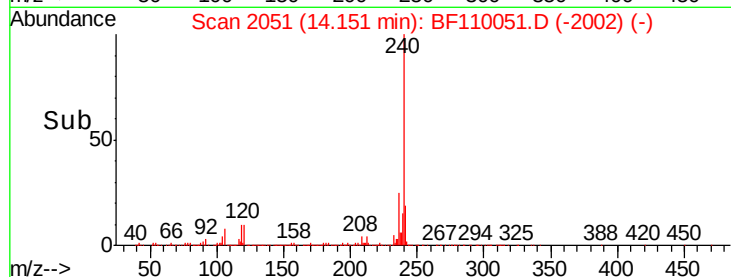
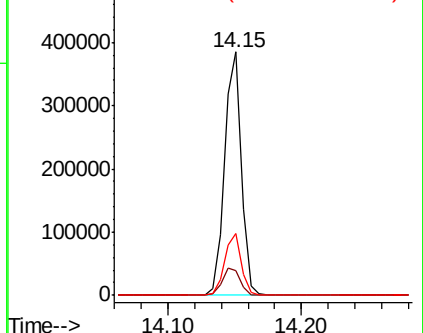
236 25.5 21.2 31.8



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: 82.293 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110051.D

Acq: 22 Oct 2018 16:17

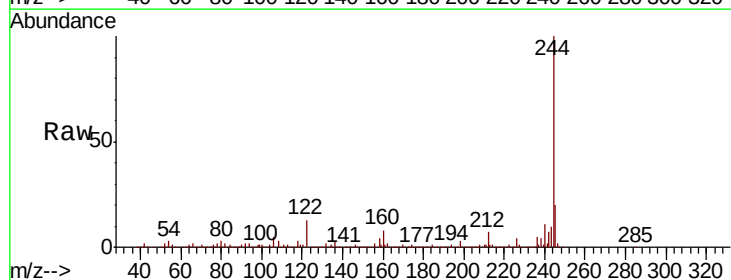
Tgt Ion:244 Resp: 1337046

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

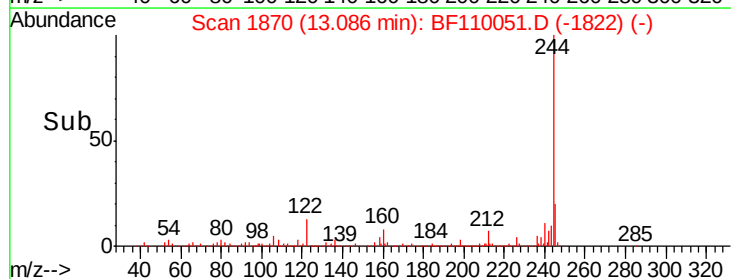
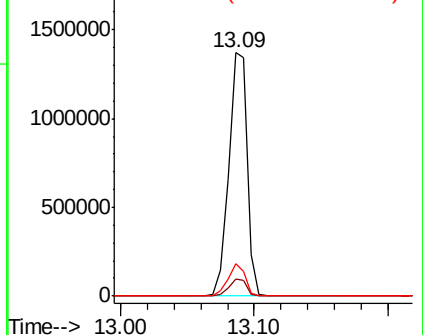
122 13.1 8.7 13.1#

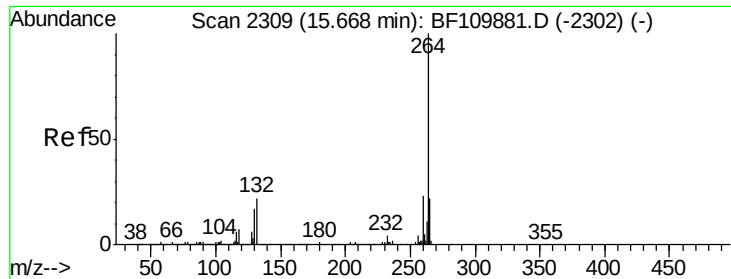


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110051.D
Acq: 22 Oct 2018 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.3	16.7	25.1

