

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
 Data File : BF109662.D
 Acq On : 8 Oct 2018 21:57
 Operator : JU/SJ
 Sample : J5248-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Quant Time: Oct 09 04:05:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99469	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	374749	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	147243	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	240913	20.00	ng	0.00
75) Chrysene-d12	13.83	240	216034	20.00	ng	0.00
86) Perylene-d12	15.22	264	187782	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	292805	52.25	ng	0.00
7) Phenol-d6	6.35	99	265175	35.42	ng	-0.01
23) Nitrobenzene-d5	7.26	82	533035	78.41	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	153729	95.82	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	882796	82.57	ng	0.00
78) Terphenyl-d14	12.78	244	653417	58.55	ng	0.00

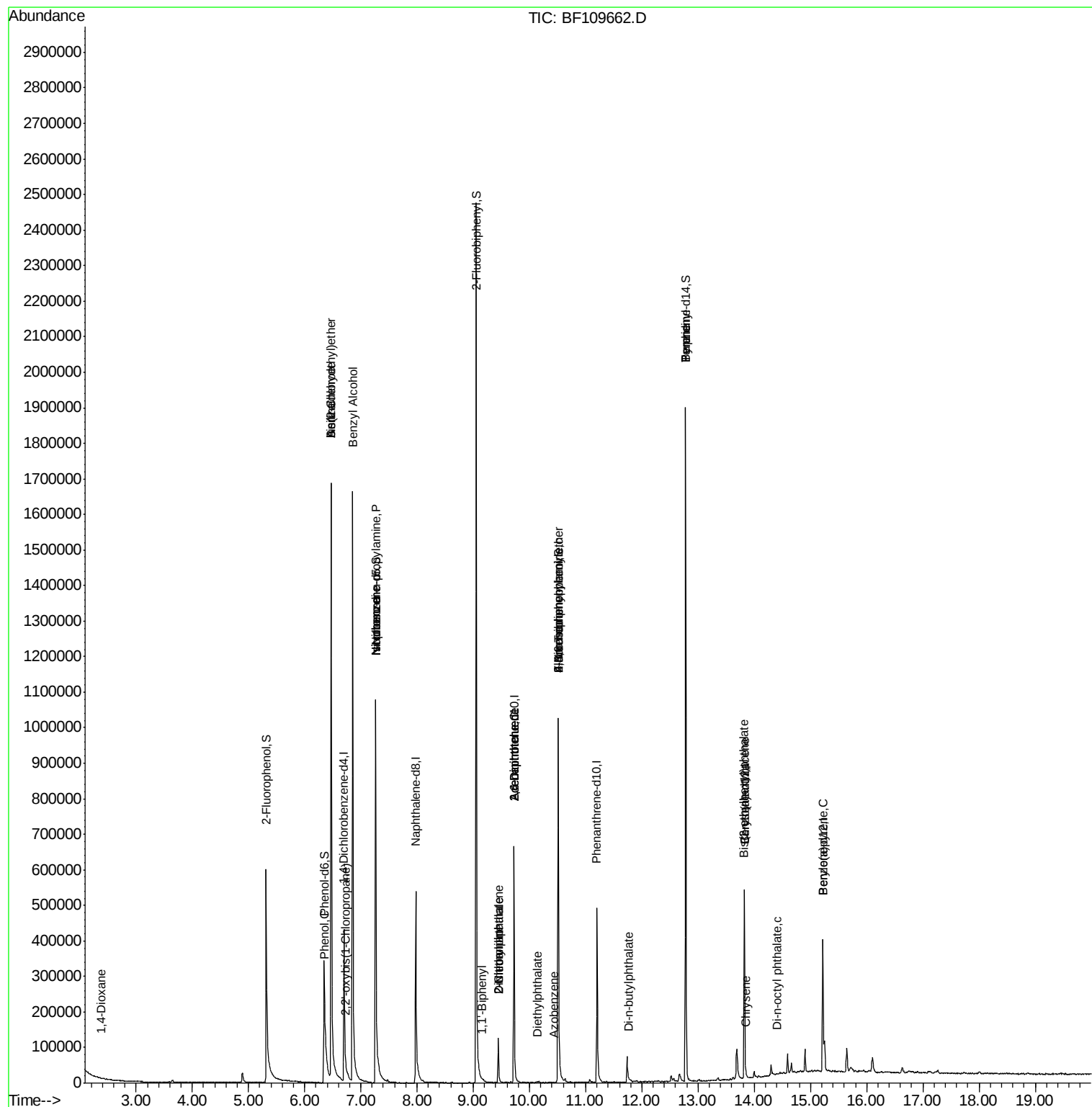
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	253	0.086	ng	# 39
6) Aniline	6.47	93	526	0.060	ng	# 1
9) Benzaldehyde	6.47	77	12784	2.654	ng	# 76
10) Phenol	6.36	94	17004	1.981	ng	# 93
11) bis(2-Chloroethyl)ether	6.47	93	526	0.074	ng	# 1
15) Benzyl Alcohol	6.85	79	8761	1.579	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	6.73	45	115	0.012	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	69567	13.251	ng	# 76
24) Nitrobenzene	7.26	77	1226	0.173	ng	# 31
25) Isophorone	7.26	82	533654	47.272	ng	# 67
45) 1,1'-Biphenyl	9.16	154	818	0.062	ng	# 56
46) 2-Chloronaphthalene	9.45	162	360	0.037	ng	# 1
47) 2-Nitroaniline	9.45	65	505	0.169	ng	# 1
49) Dimethylphthalate	9.45	163	67129	6.216	ng	# 98
50) 2,6-Dinitrotoluene	9.72	165	18282	7.810	ng	# 21
51) Acenaphthene	9.72	154	321	0.038	ng	# 4
56) 2,4-Dinitrotoluene	9.72	165	18282	6.258	ng	# 17
57) Fluorene	10.51	166	6203	0.651	ng	# 91
59) Diethylphthalate	10.15	149	1359	0.127	ng	# 59
62) Azobenzene	10.43	77	120	0.011	ng	# 50
65) n-Nitrosodiphenylamine	10.51	169	4647	0.569	ng	# 48
66) 4-Bromophenyl-phenylether	10.51	248	9385	3.390	ng	# 1
73) Di-n-butylphthalate	11.76	149	1082	0.077	ng	# 77
76) Benzidine	12.78	184	8820	1.099	ng	# 91
77) Pyrene	12.78	202	2027	0.128	ng	# 54
80) Benzo(a)anthracene	13.82	228	519	0.044	ng	# 51
82) Chrysene	13.86	228	106	0.008	ng	# 49
83) Bis(2-ethylhexyl)phthalate	13.82	149	1402	0.167	ng	# 82
84) Di-n-octyl phthalate	14.40	149	367	0.028	ng	# 1
89) Benzo(a)pyrene	15.22	252	389	0.041	ng	# 10

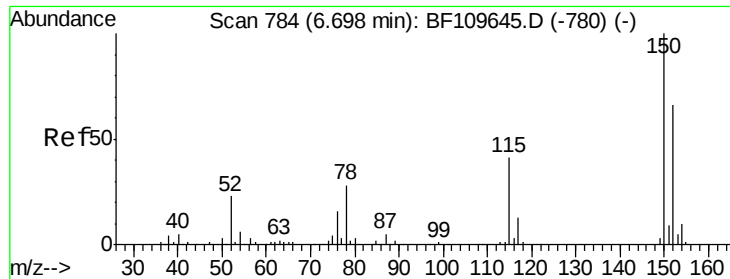
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100818\
Data File : BF109662.D
Acq On : 8 Oct 2018 21:57
Operator : JU/SJ
Sample : J5248-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N48971

Quant Time: Oct 09 04:05:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



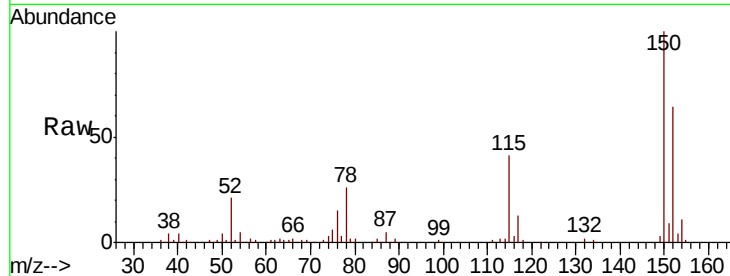


#1

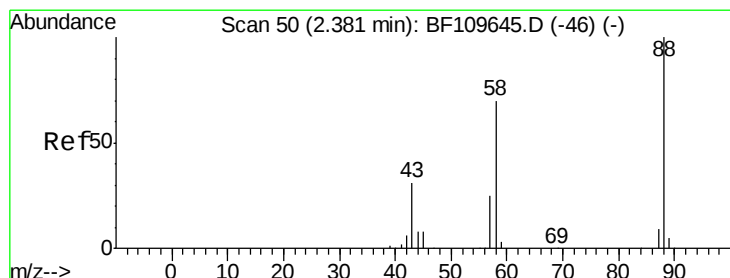
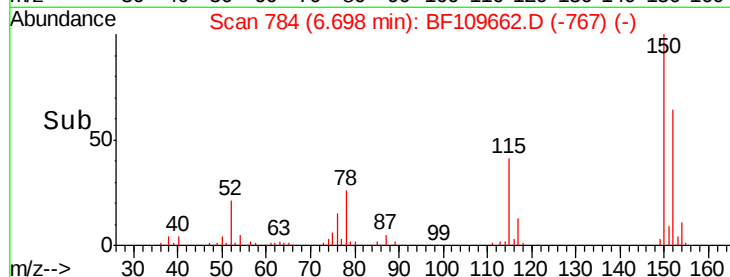
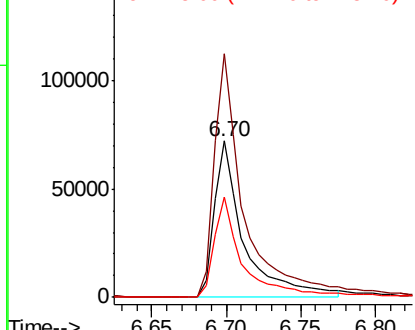
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Instrument :
BNA_F
ClientSampleId :
N48971

Tgt Ion:152 Resp: 99469
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 64.3 49.1 73.7



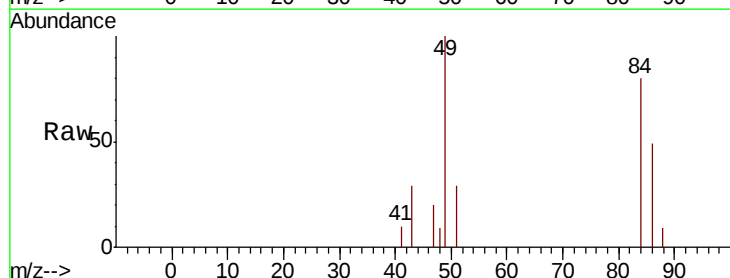
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



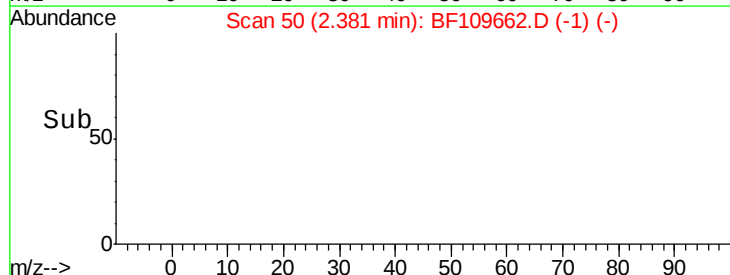
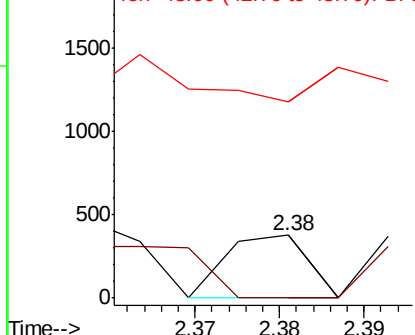
#2

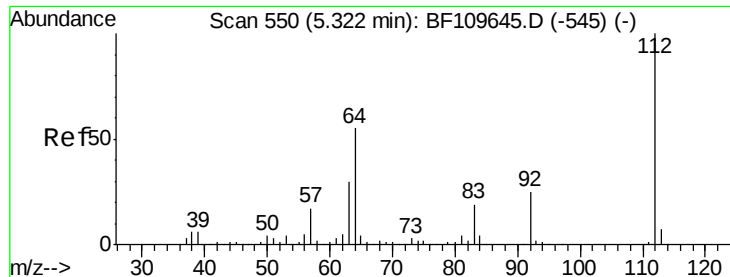
1,4-Dioxane
Concen: 0.086 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.00 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion: 88 Resp: 253
Ion Ratio Lower Upper
88 100
58 42.7 57.1 85.7#
43 97.6 24.1 36.1#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 52.251 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

Instrument :

BNA_F

ClientSampleId :

N48971

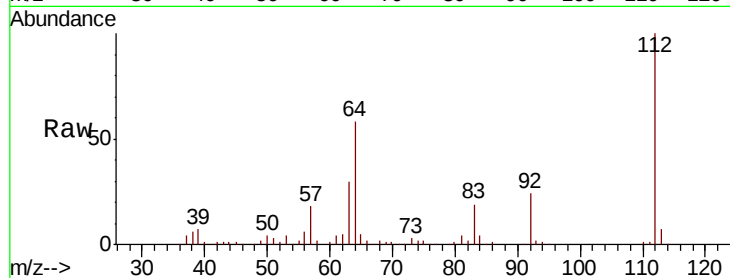
Tgt Ion: 112 Resp: 292805

Ion Ratio Lower Upper

112 100

64 58.2 44.1 66.1

63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

200000

150000

100000

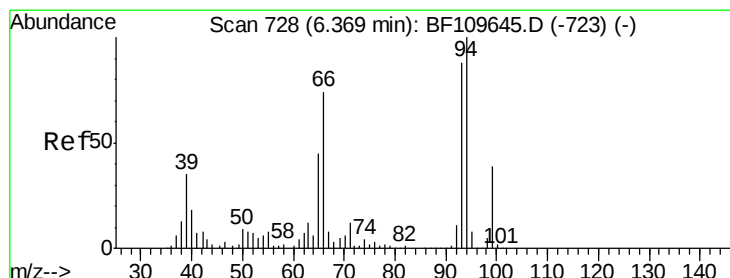
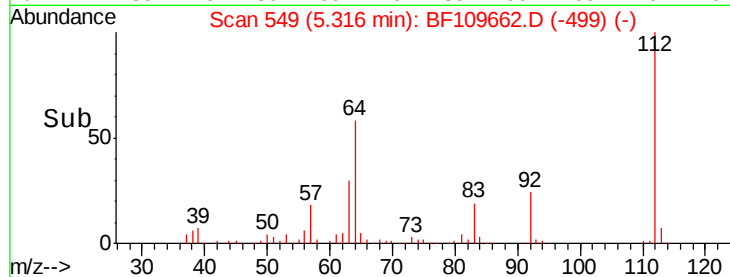
50000

0

5.32

5.20 5.30 5.40 5.50

Time-->



#6

Aniline

Concen: 0.060 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.10 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

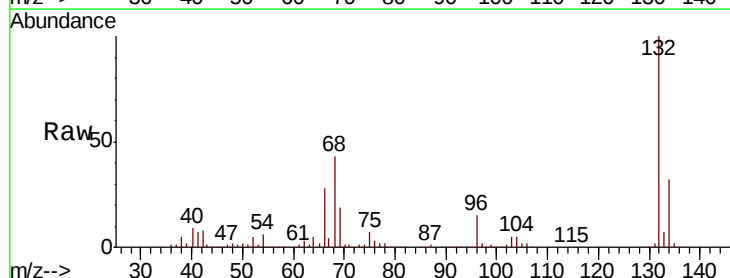
Tgt Ion: 93 Resp: 526

Ion Ratio Lower Upper

93 100

66 21789.5 67.4 101.0#

65 1709.7 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

150000

100000

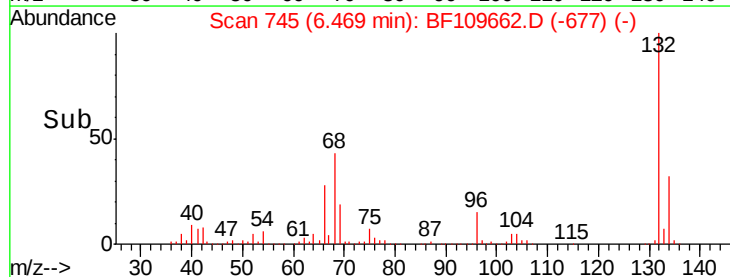
50000

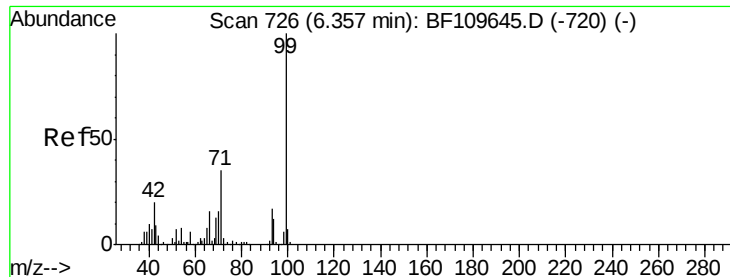
0

6.47

6.44 6.46 6.48

Time-->





#7

Phenol-d6

Concen: 35.423 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

Instrument :

BNA_F

ClientSampleId :

N48971

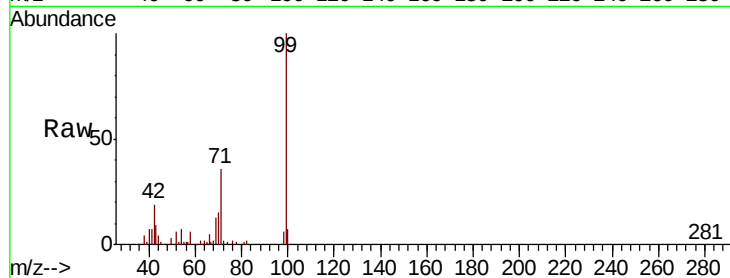
Tgt Ion: 99 Resp: 265175

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

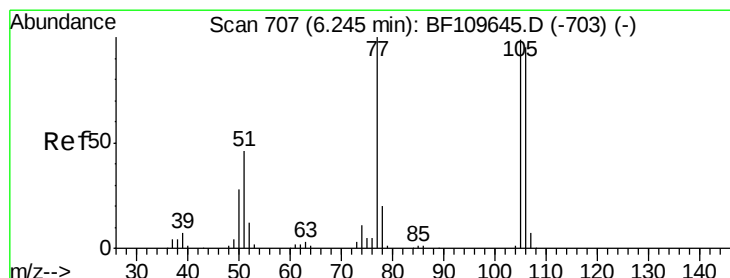
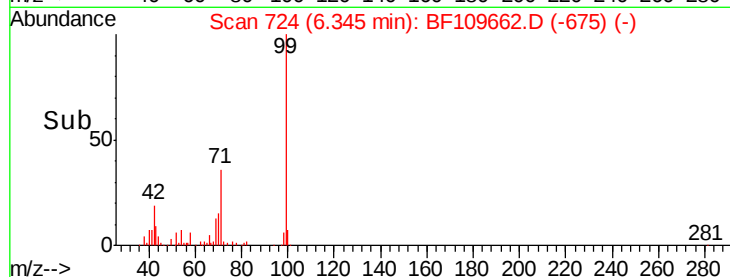
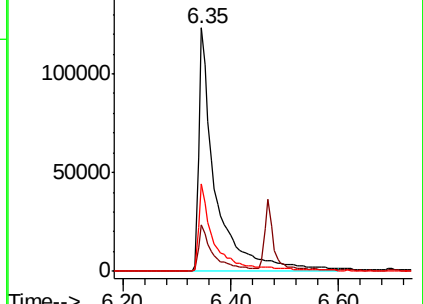
71 36.1 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.654 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

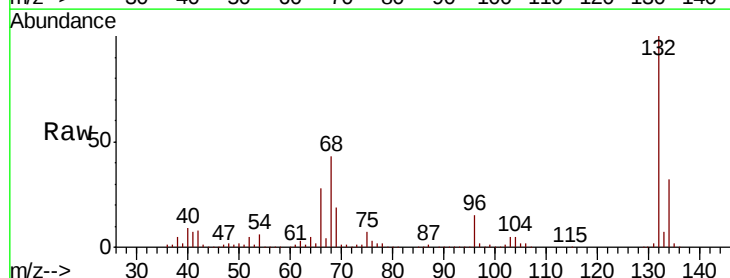
Tgt Ion: 77 Resp: 12784

Ion Ratio Lower Upper

77 100

105 79.5 78.6 118.6

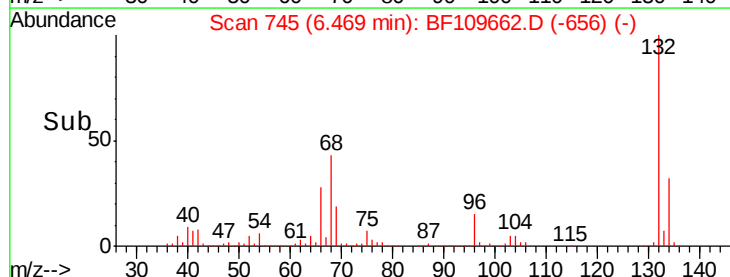
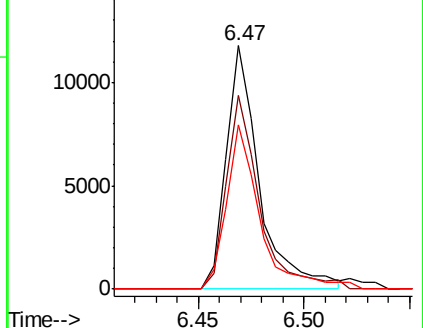
106 67.7 74.8 114.8#

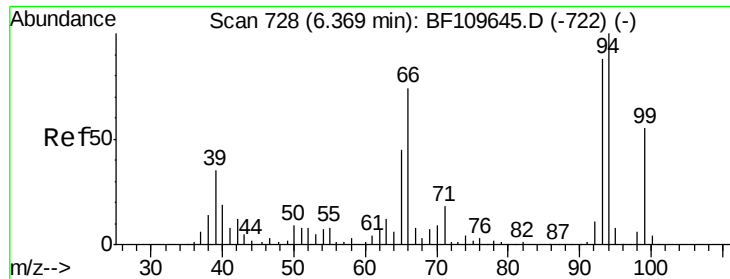


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.981 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

Instrument :

BNA_F

ClientSampleId :

N48971

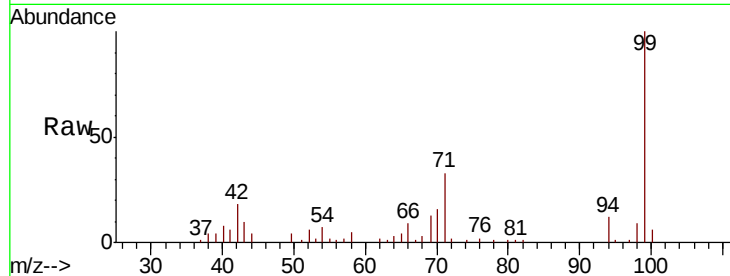
Tgt Ion: 94 Resp: 17004

Ion Ratio Lower Upper

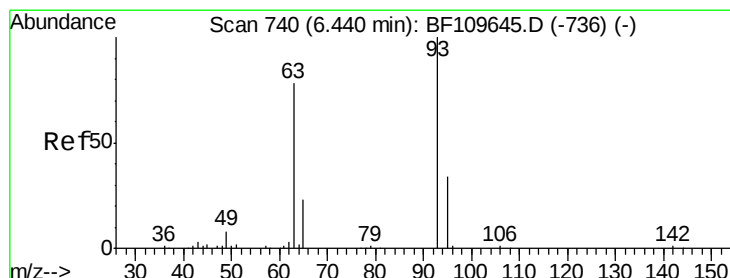
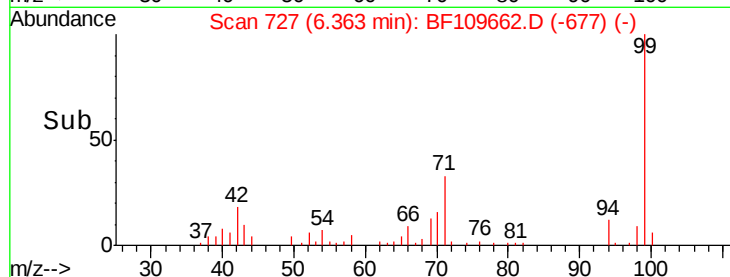
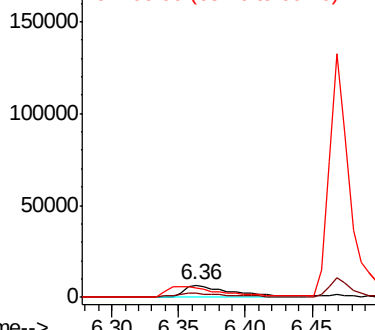
94 100

65 35.5 25.3 65.3

66 76.9 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



#11

bis(2-Chloroethyl)ether

Concen: 0.074 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.03 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

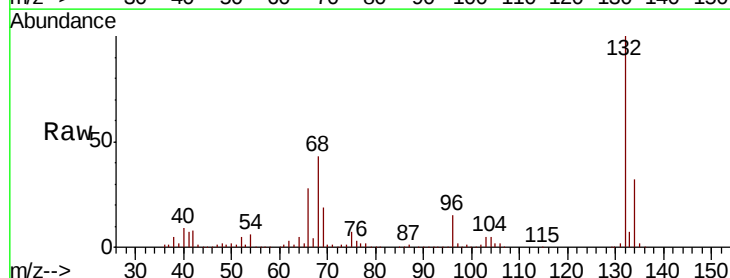
Tgt Ion: 93 Resp: 526

Ion Ratio Lower Upper

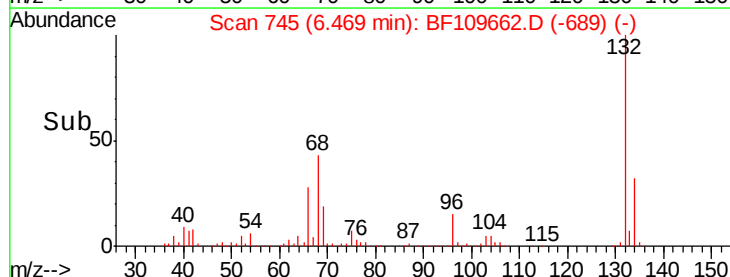
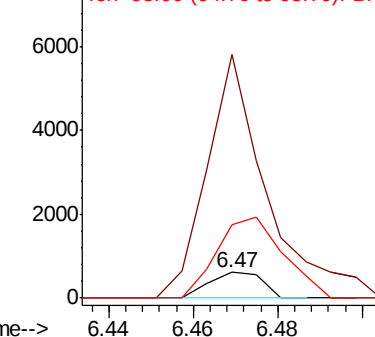
93 100

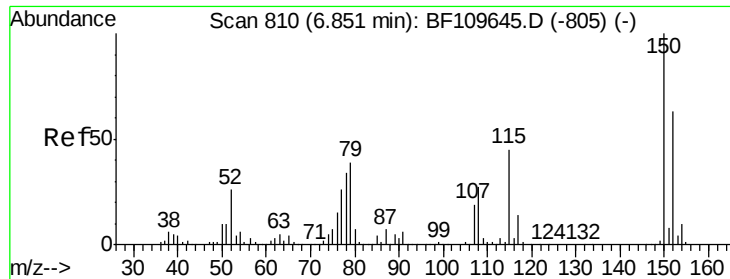
63 955.6 53.4 93.4#

95 289.6 12.1 52.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

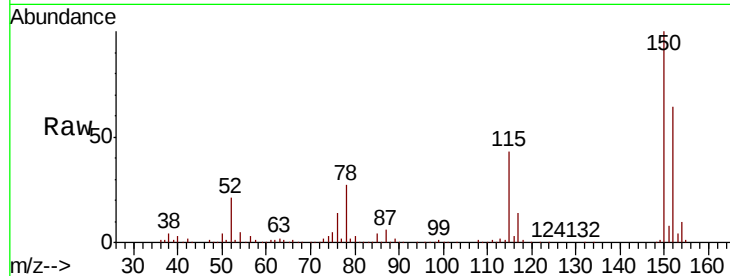




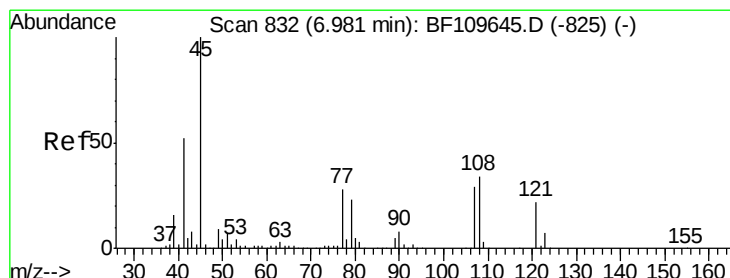
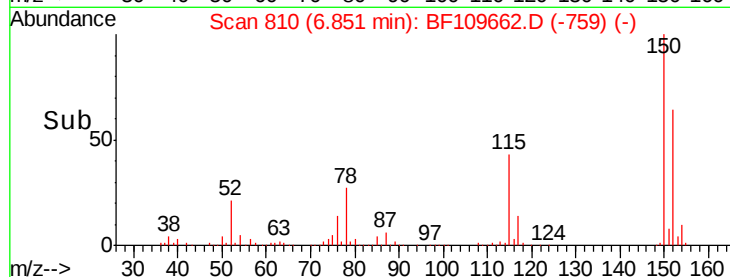
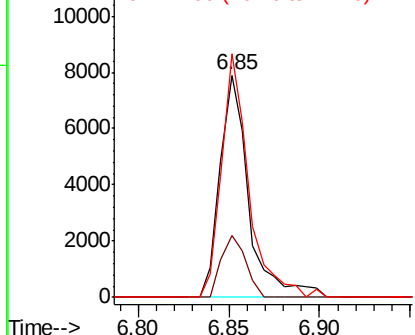
#15
Benzyl Alcohol
Concen: 1.579 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Instrument :
BNA_F
ClientSampleId :
N48971

Tgt Ion: 79 Resp: 8761
Ion Ratio Lower Upper
79 100
108 28.1 56.3 84.5#
77 109.6 52.9 79.3#

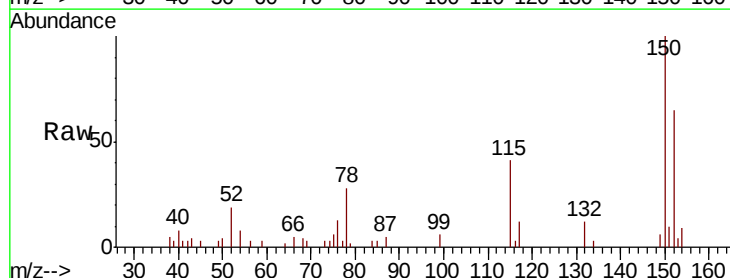


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

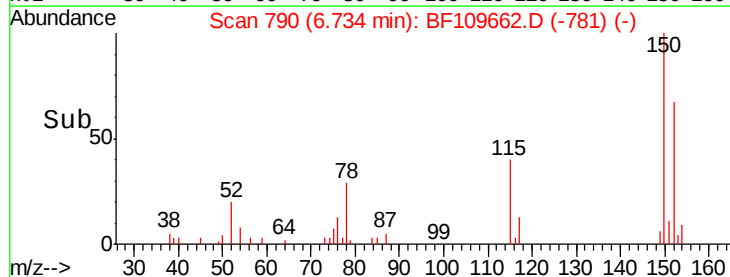
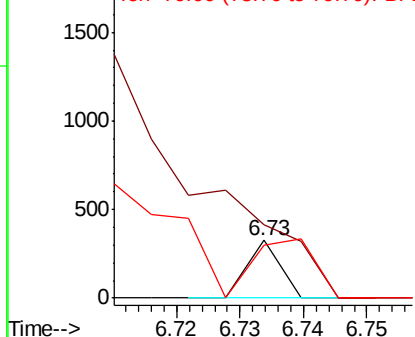


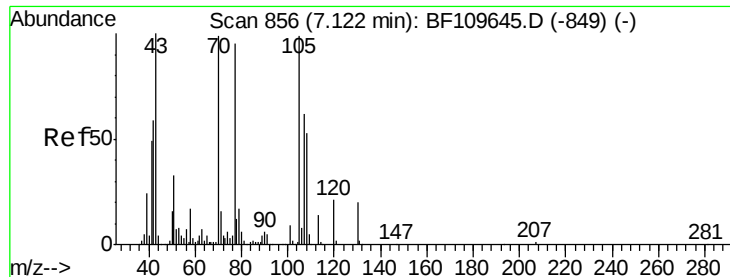
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.012 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.25 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion: 45 Resp: 115
Ion Ratio Lower Upper
45 100
77 127.1 10.0 50.0#
79 92.9 6.1 46.1#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

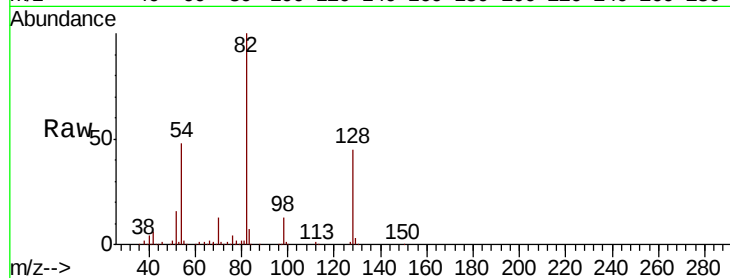




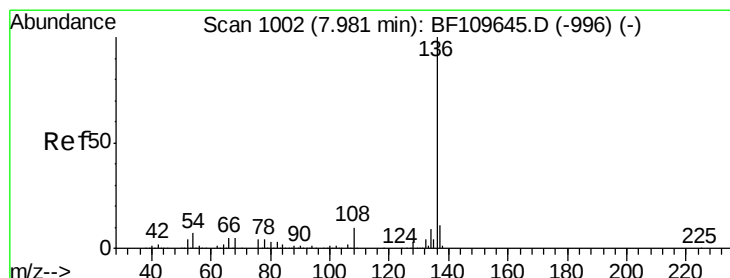
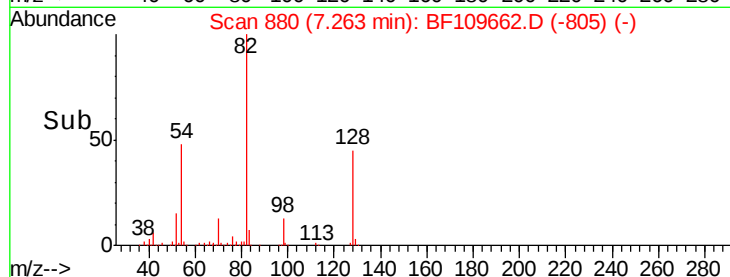
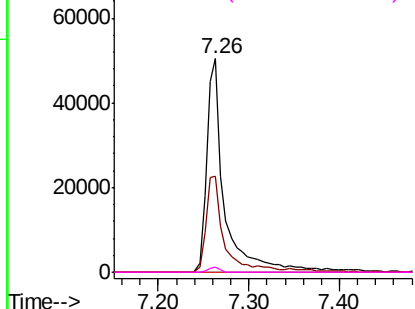
#19
n-Nitroso-di-n-propylamine
Concen: 13.251 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Instrument :
BNA_F
ClientSampleId :
N48971

Tgt Ion:	70	Resp:	69567
Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.4	71.2#
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

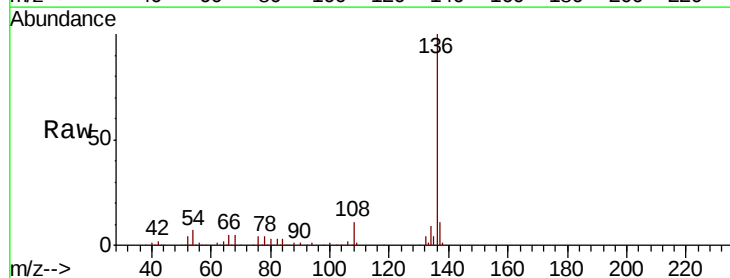


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

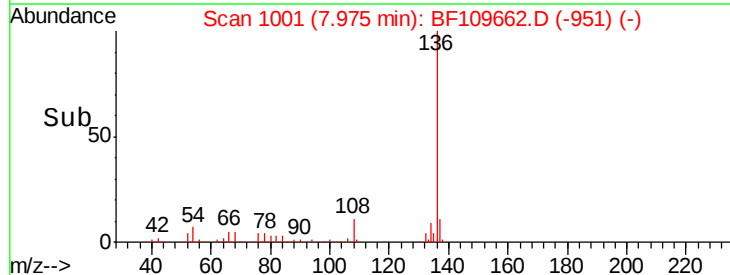
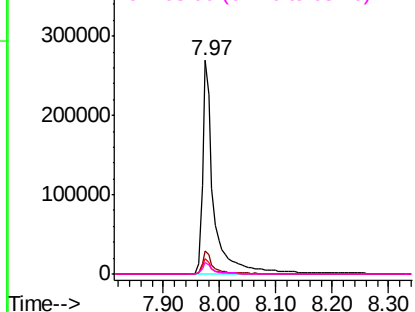


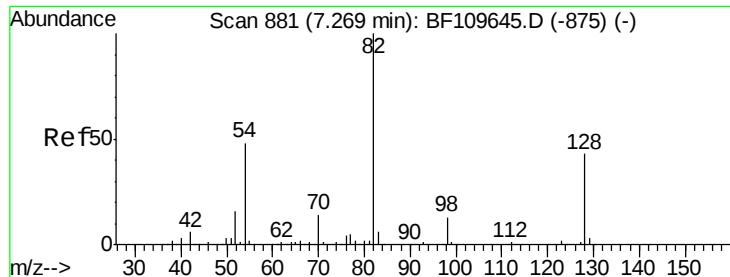
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion:	136	Resp:	374749
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	5.4	8.2
68	5.3	4.2	6.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

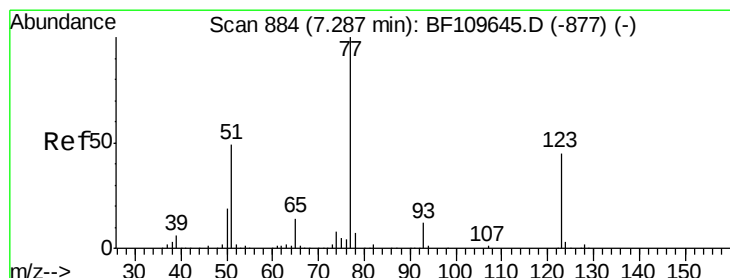
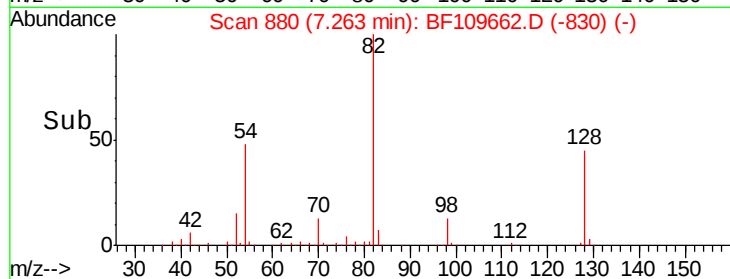
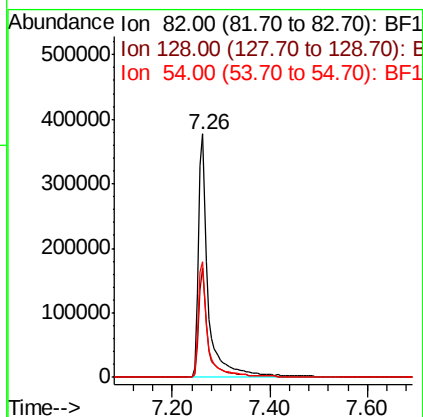
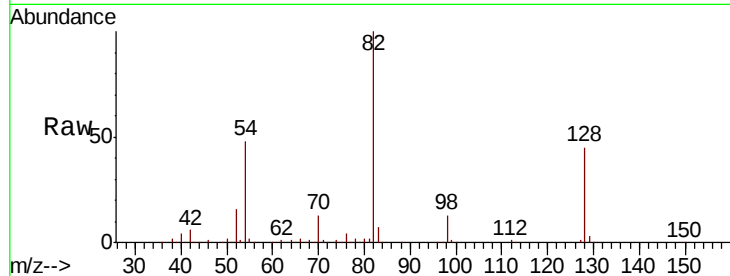




#23
 Nitrobenzene-d5
 Concen: 78.406 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

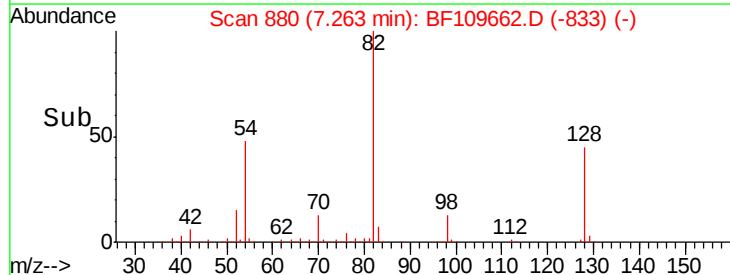
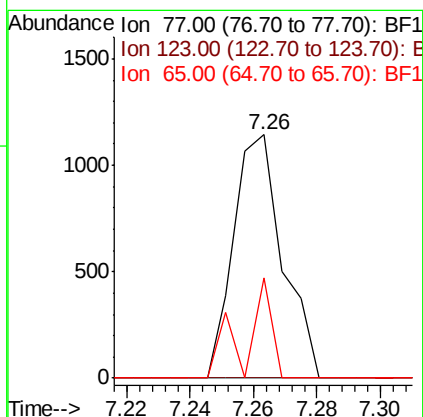
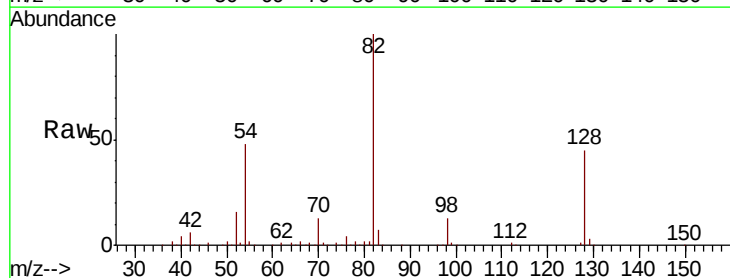
Instrument :
 BNA_F
 ClientSampleId :
 N48971

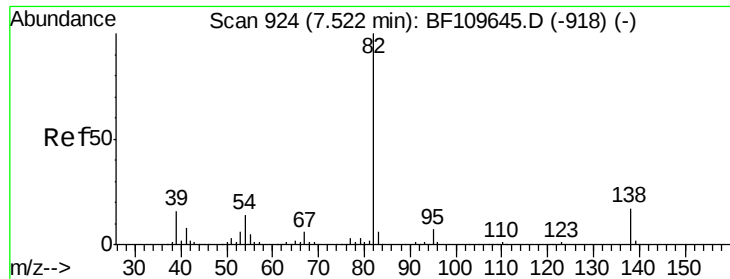
Tgt Ion: 82 Resp: 533035
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.2 51.2
 54 47.7 38.6 58.0



#24
 Nitrobenzene
 Concen: 0.173 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Tgt Ion: 77 Resp: 1226
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.7 53.5#
 65 41.1 10.7 16.1#

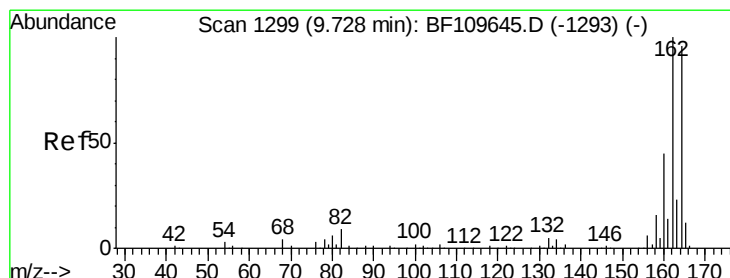
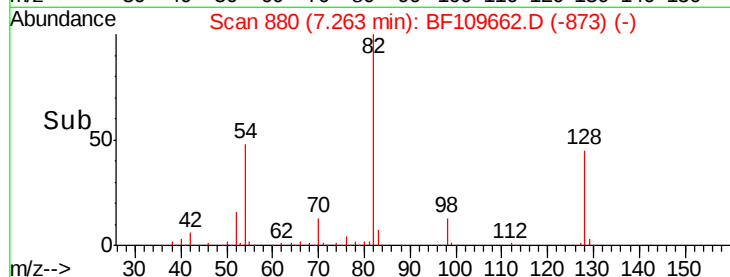
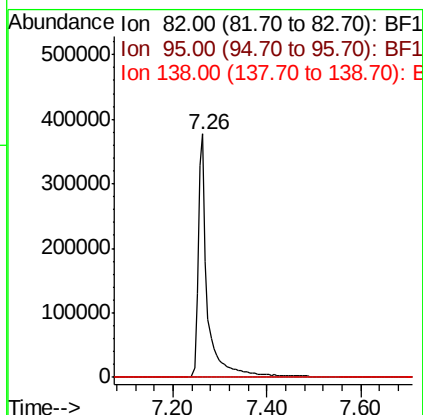
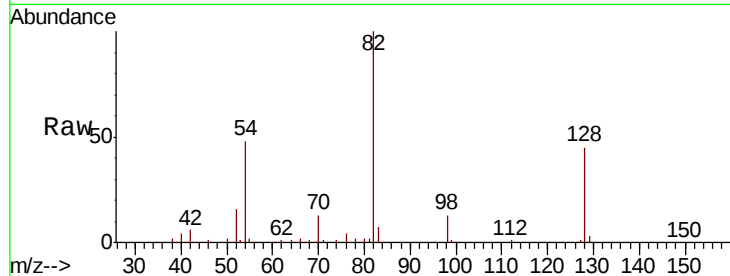




#25
Isophorone
Concen: 47.272 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

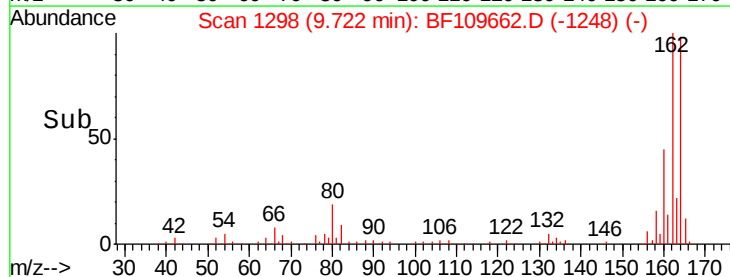
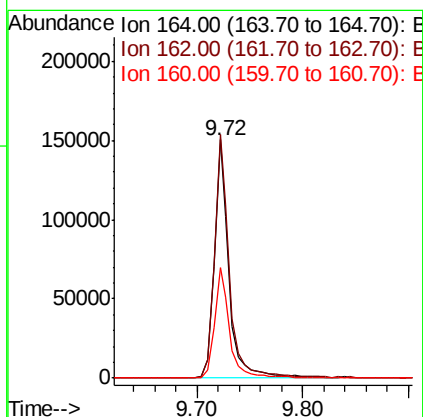
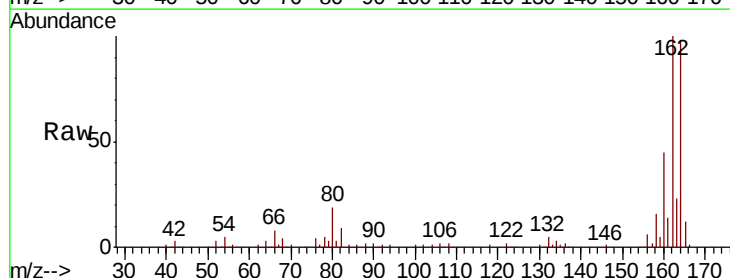
Instrument :
BNA_F
ClientSampled :
N48971

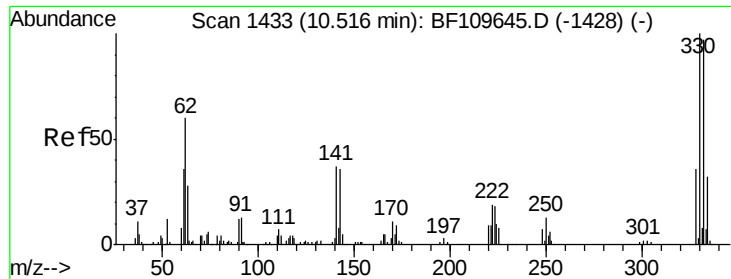
Tgt Ion: 82 Resp: 533654
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion: 164 Resp: 147243
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.6
160 46.5 37.0 55.6

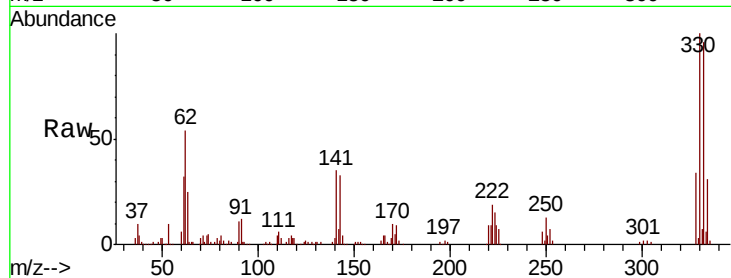




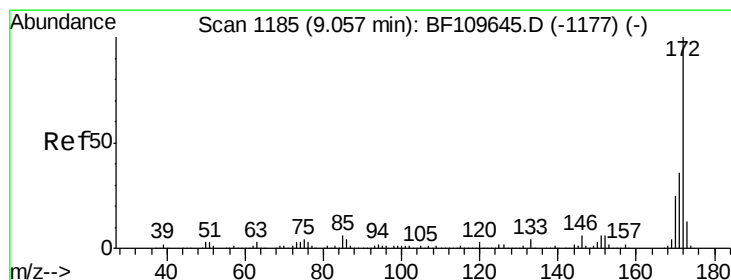
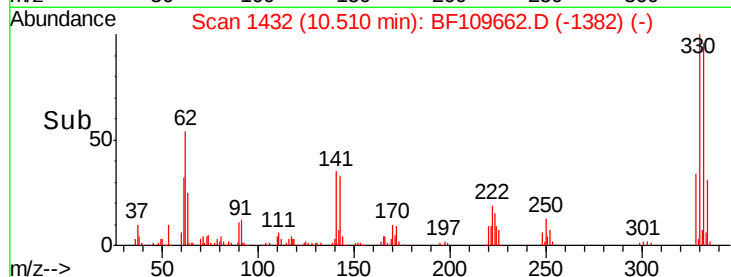
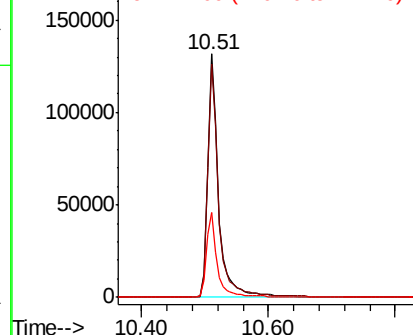
#41
 2,4,6-Tribromophenol
 Concen: 95.819 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Tgt Ion:330 Resp: 153729
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 34.1 27.0 40.4

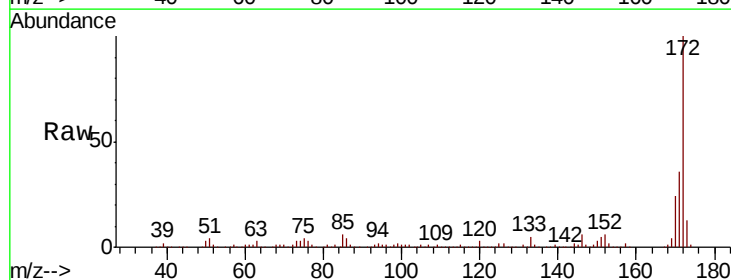


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

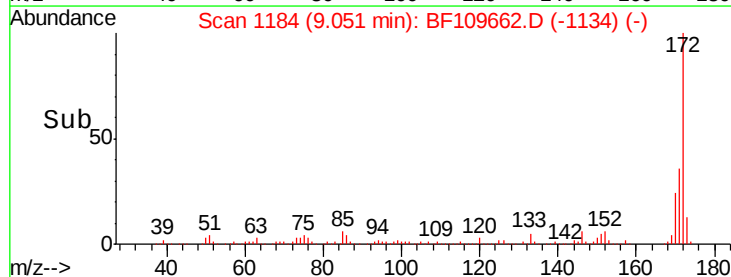
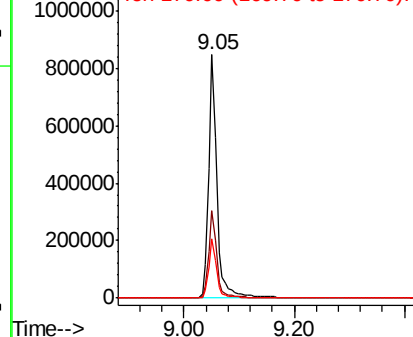


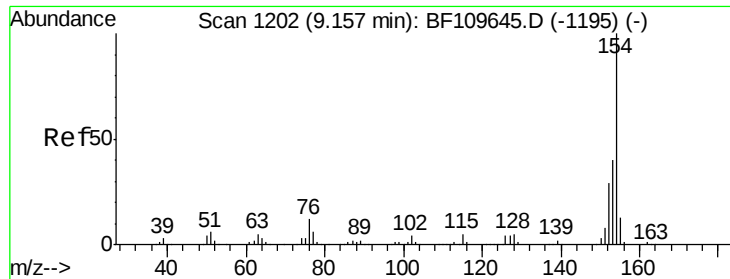
#44
 2-Fluorobiphenyl
 Concen: 82.573 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Tgt Ion:172 Resp: 882796
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.2 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

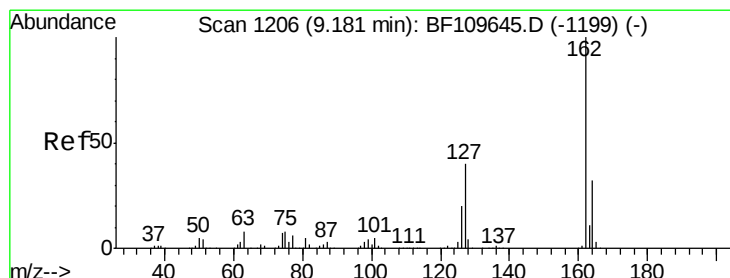
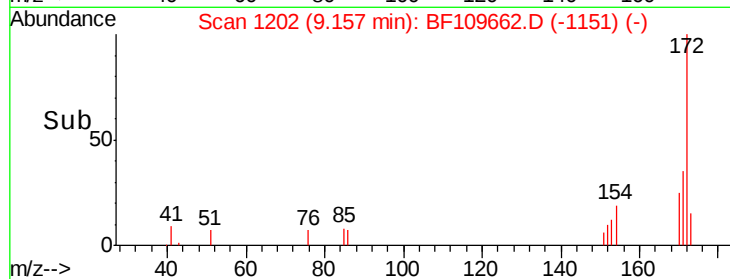
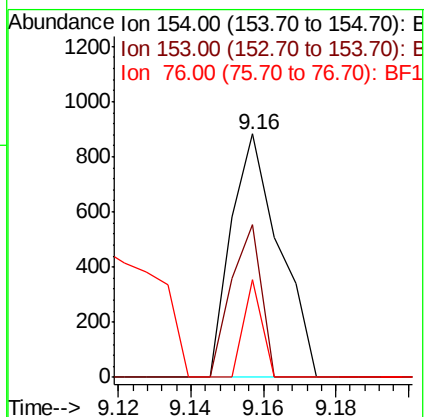
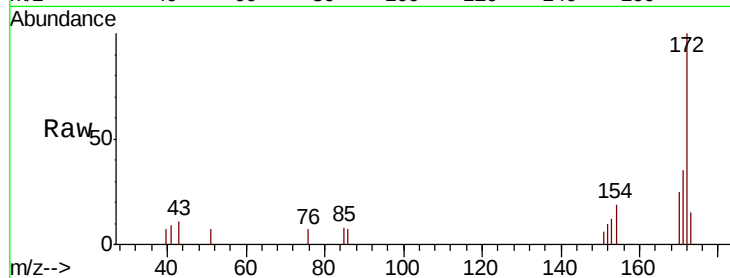




#45
 1,1'-Biphenyl
 Concen: 0.062 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

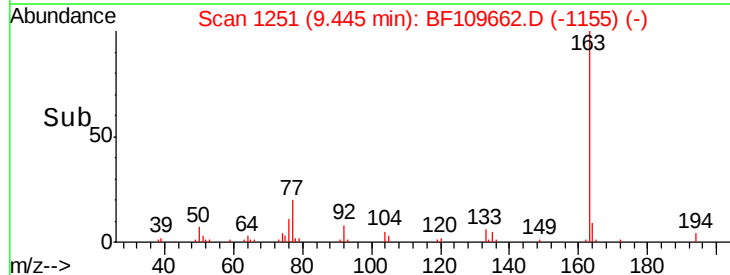
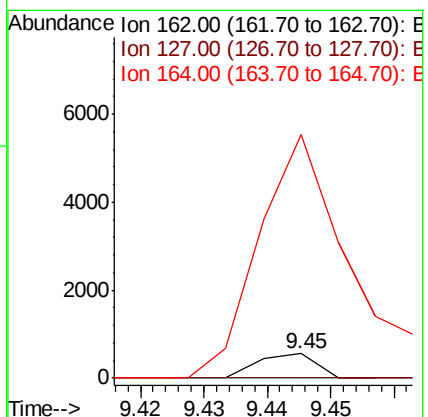
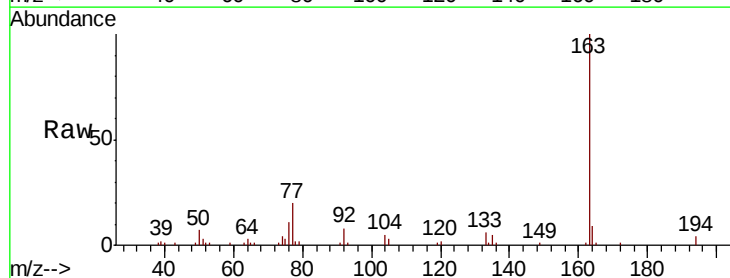
Instrument :
 BNA_F
 ClientSampled :
 N48971

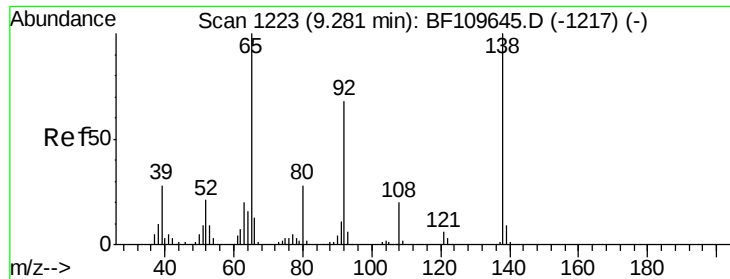
Tgt Ion:154 Resp: 818
 Ion Ratio Lower Upper
 154 100
 153 62.6 20.4 60.4#
 76 40.2 0.0 31.9#



#46
 2-Chloronaphthalene
 Concen: 0.037 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.26 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Tgt Ion:162 Resp: 360
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.6 48.8#
 164 986.1 25.9 38.9#

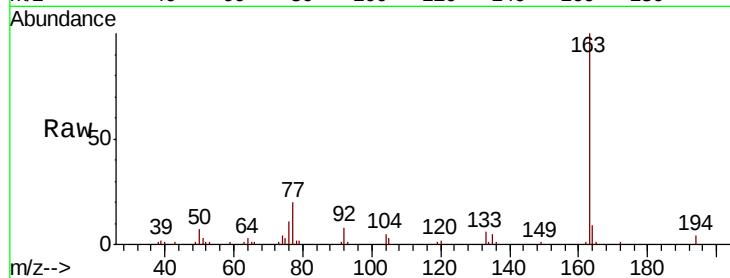




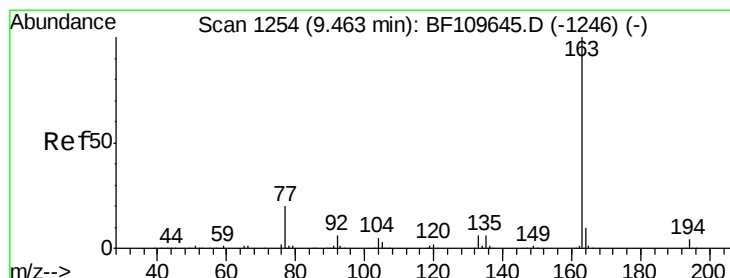
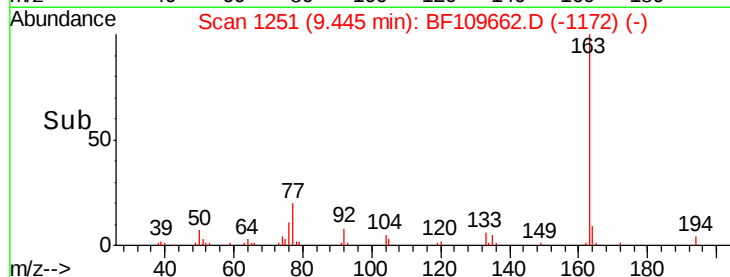
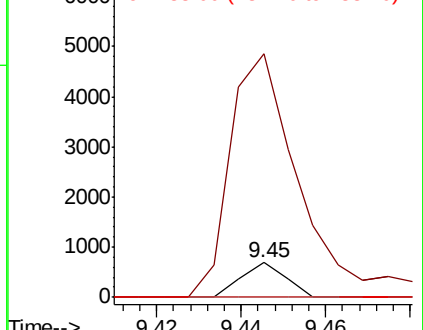
#47
2-Nitroaniline
Concen: 0.169 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.16 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Instrument :
BNA_F
ClientSampleId :
N48971

Tgt Ion: 65 Resp: 505
Ion Ratio Lower Upper
65 100
92 705.4 54.6 81.8#
138 0.0 80.3 120.5#

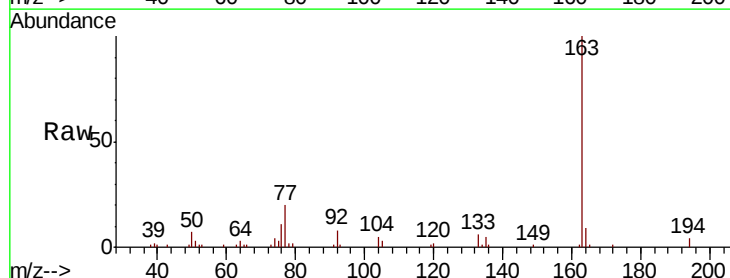


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

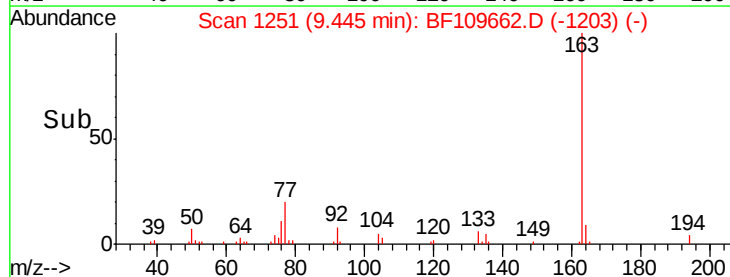
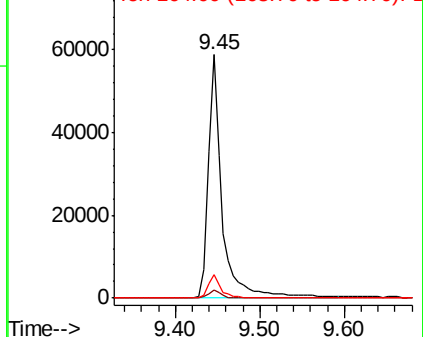


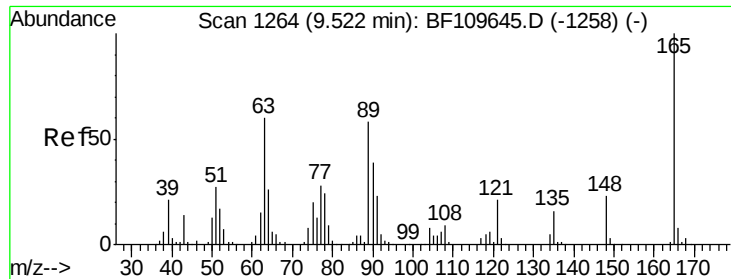
#49
Dimethylphthalate
Concen: 6.216 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion: 163 Resp: 67129
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.4 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

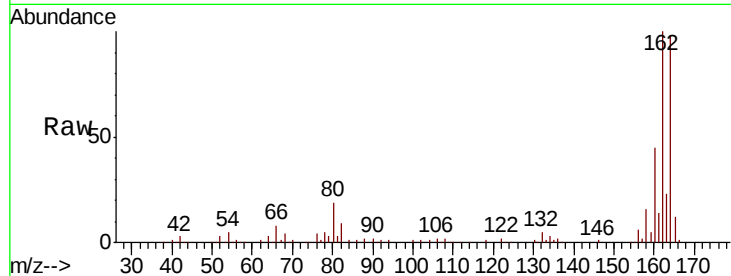




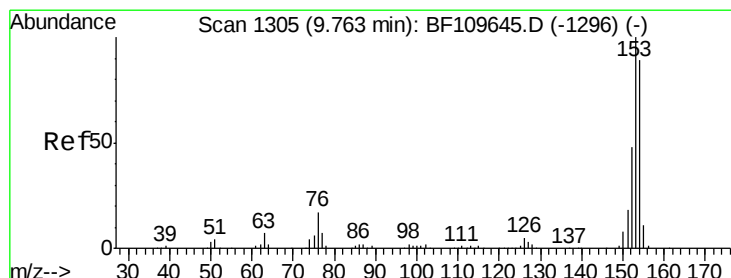
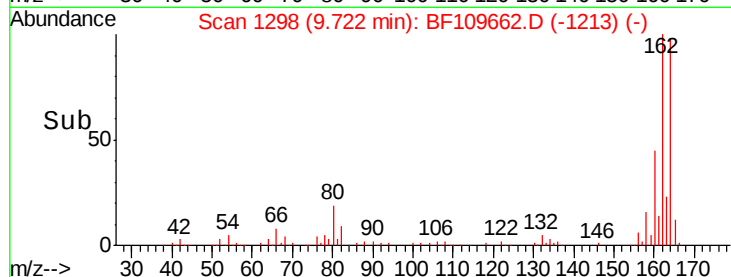
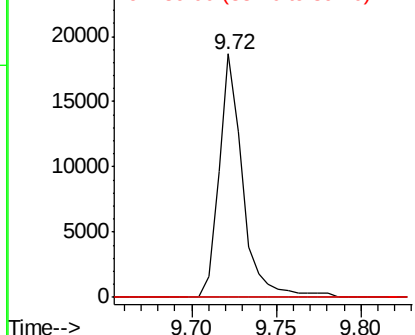
#50
2,6-Dinitrotoluene
Concen: 7.810 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Instrument :
BNA_F
ClientSampled :
N48971

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

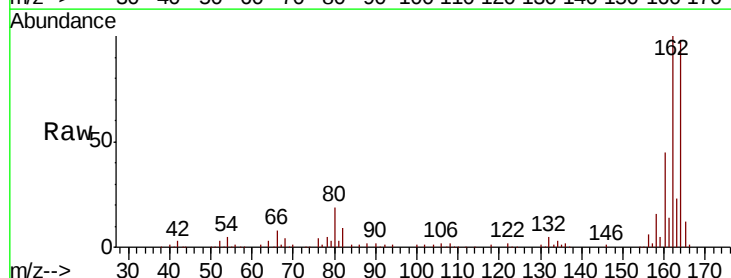


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

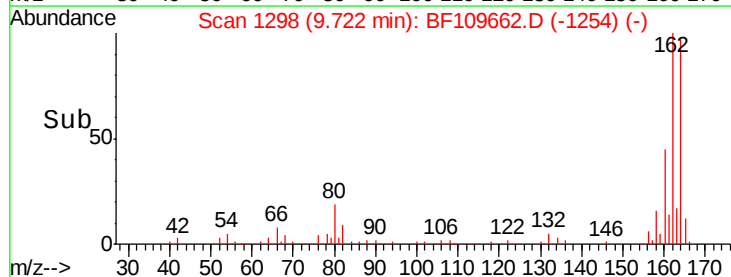
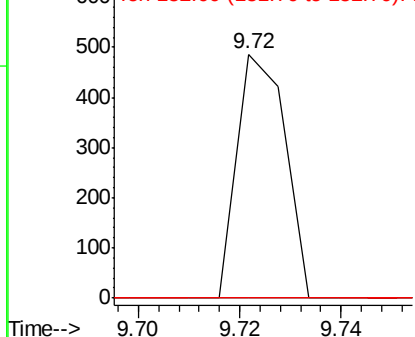


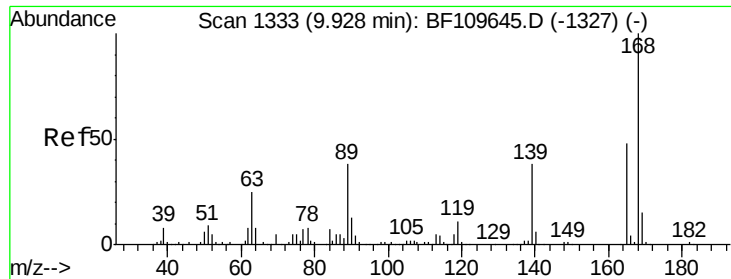
#51
Acenaphthene
Concen: 0.038 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.04 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.1	135.1#
152	0.0	43.4	65.2#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

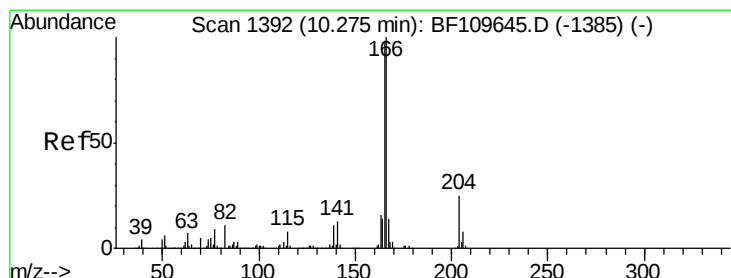
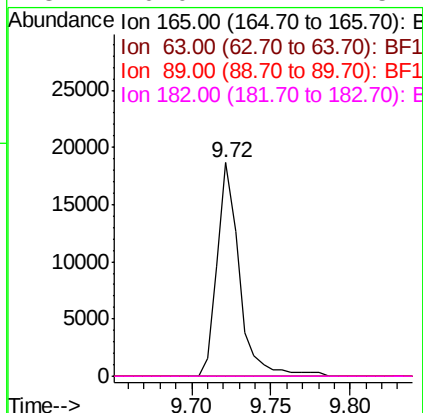
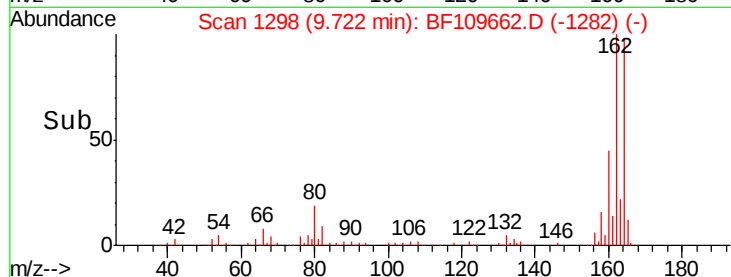
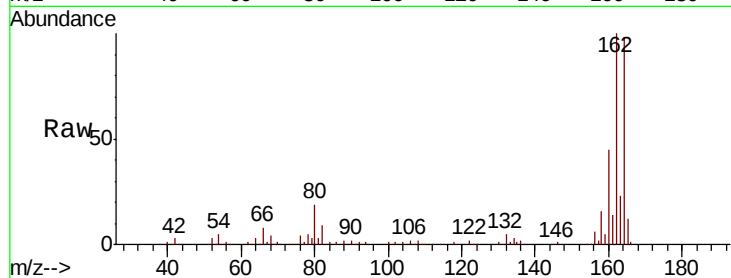




#56
2,4-Dinitrotoluene
Concen: 6.258 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

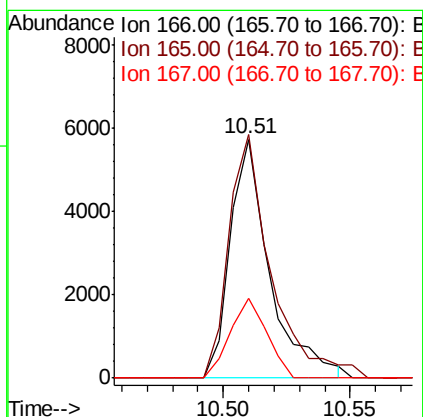
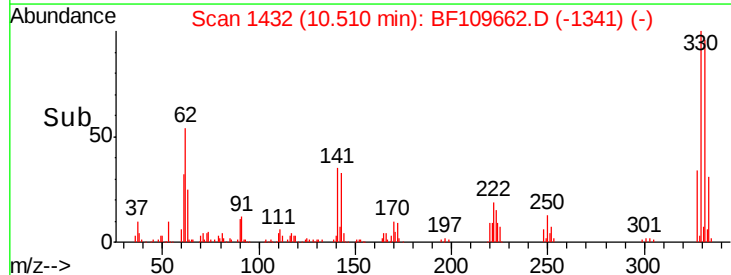
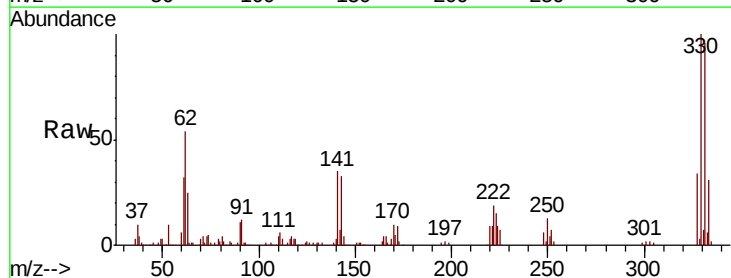
Instrument :
BNA_F
ClientSampleId :
N48971

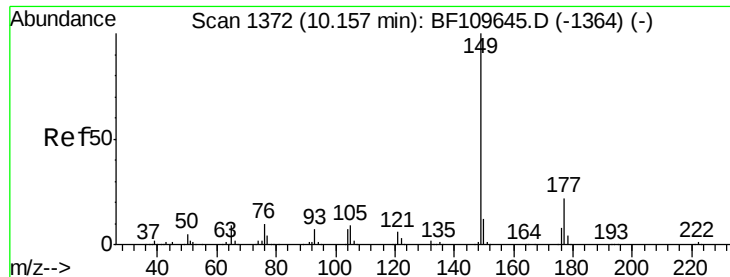
Tgt Ion:165 Resp: 18282
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



#57
Fluorene
Concen: 0.651 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.24 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion:166 Resp: 6203
Ion Ratio Lower Upper
166 100
165 101.8 78.6 117.8
167 33.2 10.8 16.2#





#59

Diethylphthalate

Concen: 0.127 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

Instrument :

BNA_F

ClientSampleId :

N48971

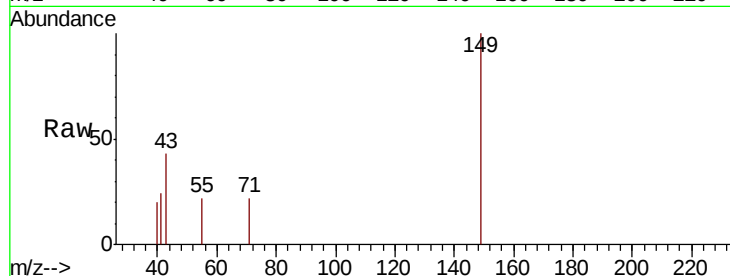
Tgt Ion: 149 Resp: 1359

Ion Ratio Lower Upper

149 100

177 0.0 17.4 26.2#

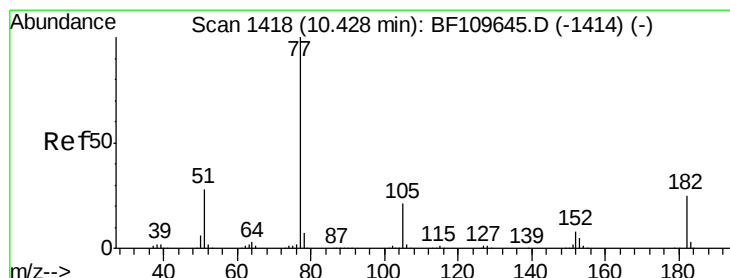
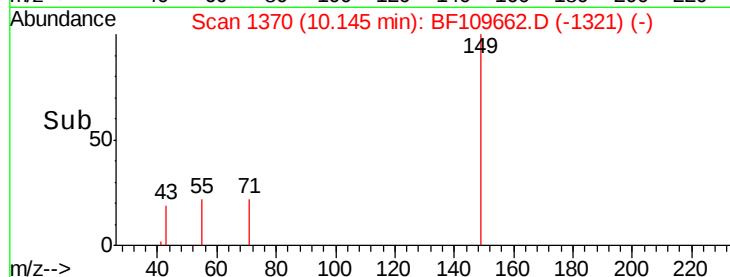
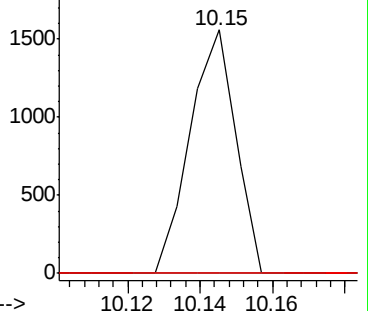
150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.011 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

Tgt Ion: 77 Resp: 120

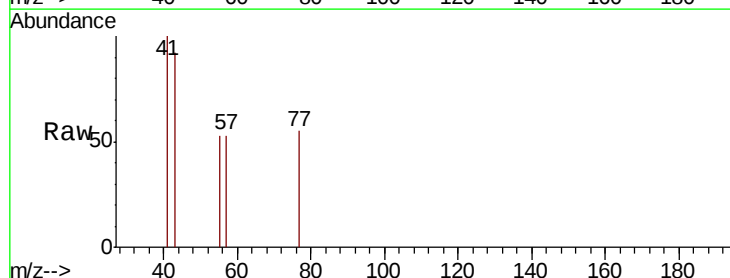
Ion Ratio Lower Upper

77 100

182 0.0 4.3 44.3#

105 0.0 1.3 41.3#

51 0.0 9.0 49.0#

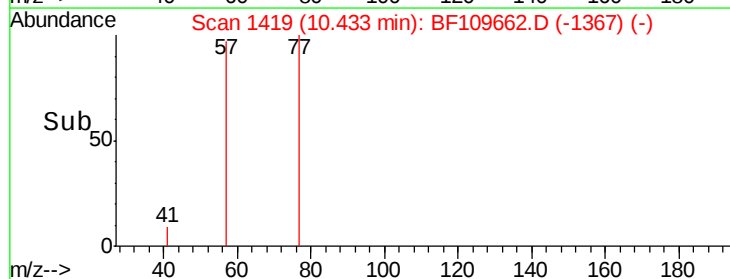
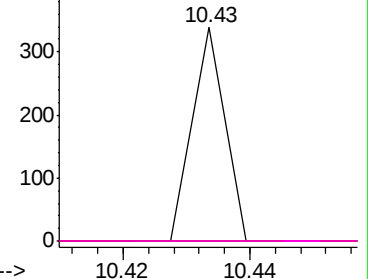


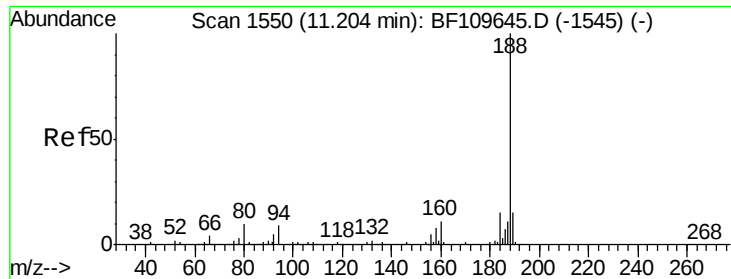
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

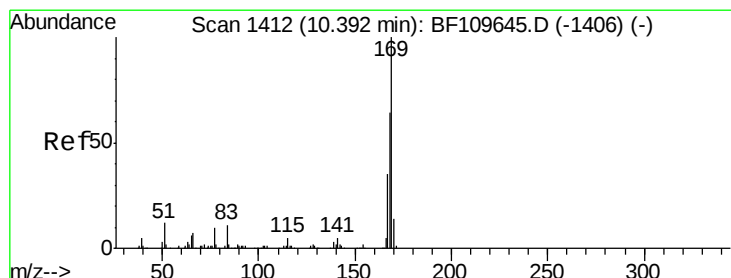
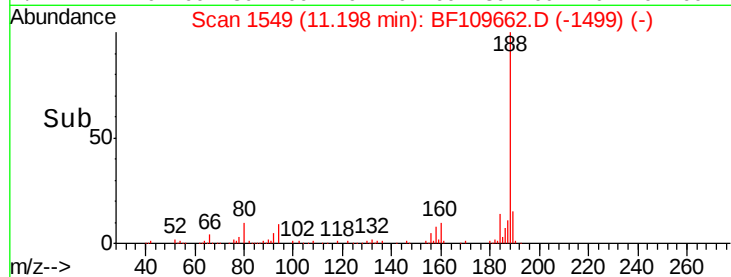
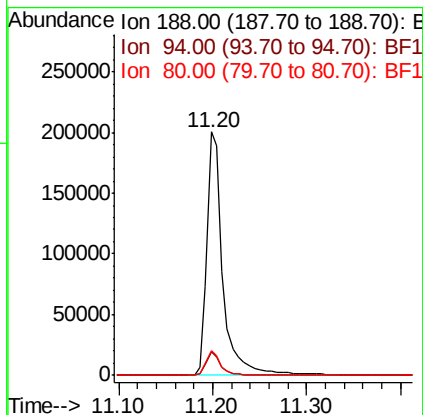
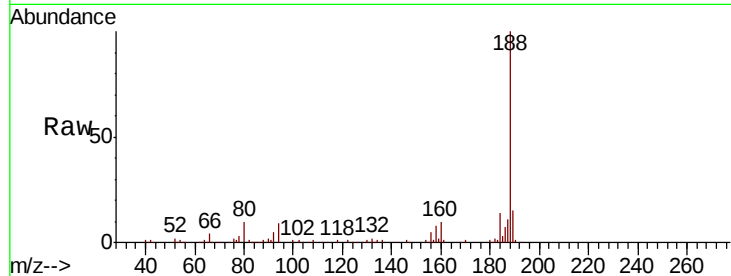




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

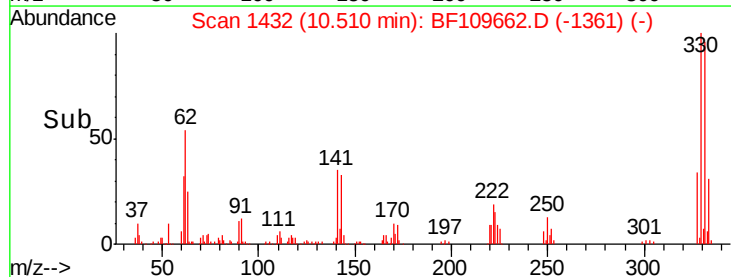
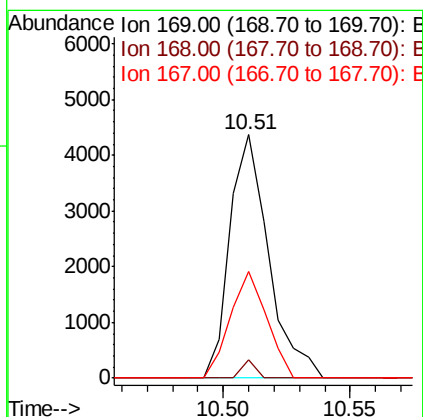
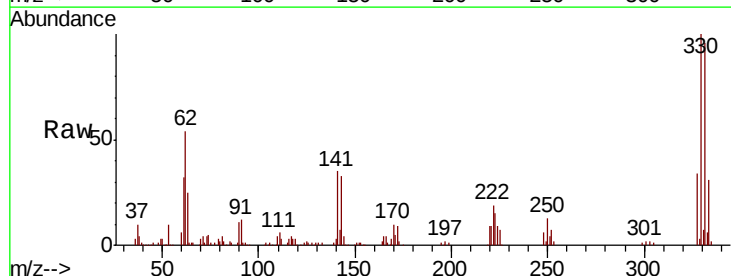
Instrument :
BNA_F
ClientSampled :
N48971

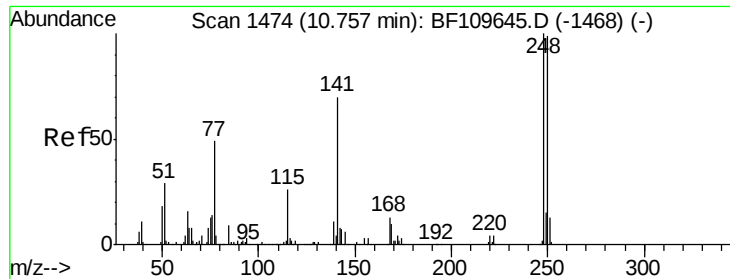
Tgt Ion:188 Resp: 240913
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.3 7.9 11.9



#65
n-Nitrosodiphenylamine
Concen: 0.569 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.12 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion:169 Resp: 4647
Ion Ratio Lower Upper
169 100
168 7.3 51.2 76.8#
167 43.6 27.8 41.6#

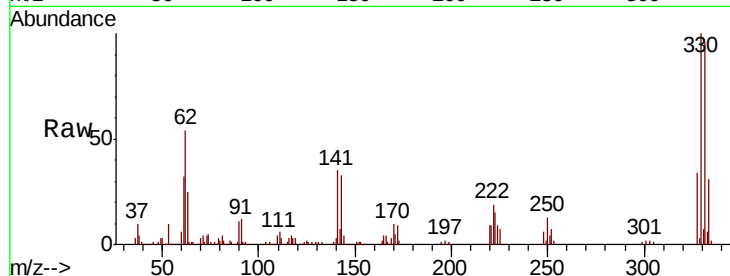




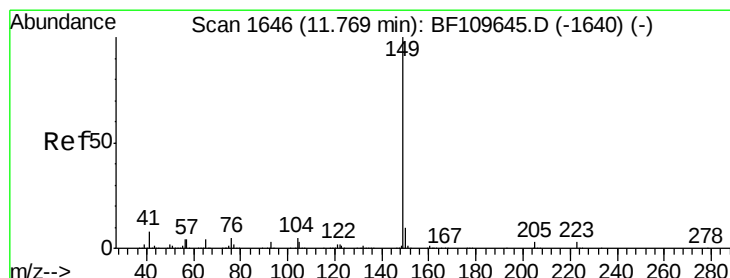
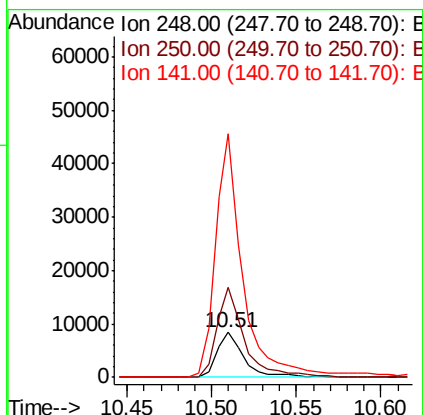
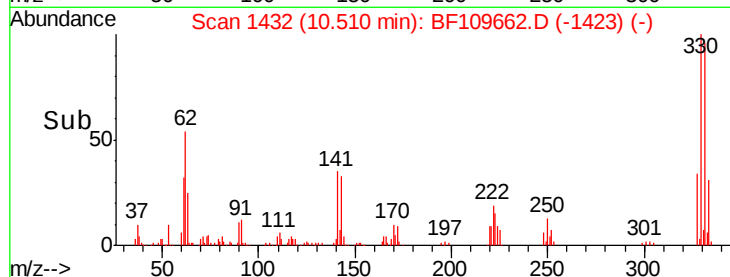
#66
 4-Bromophenyl-phenylether
 Concen: 3.390 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Tgt Ion:248 Resp: 9385
 Ion Ratio Lower Upper
 248 100
 250 201.5 79.4 119.2#
 141 543.6 55.9 83.9#

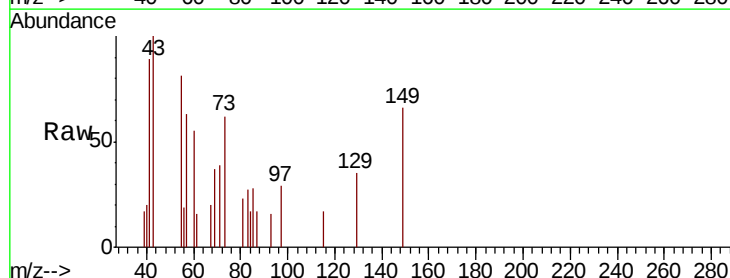


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

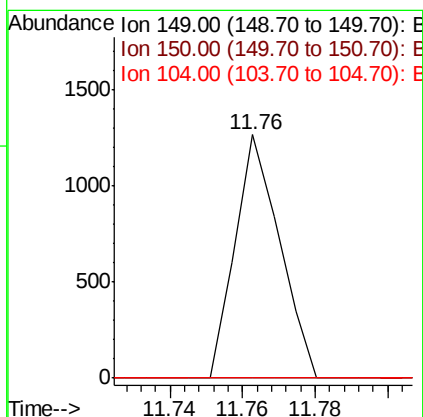
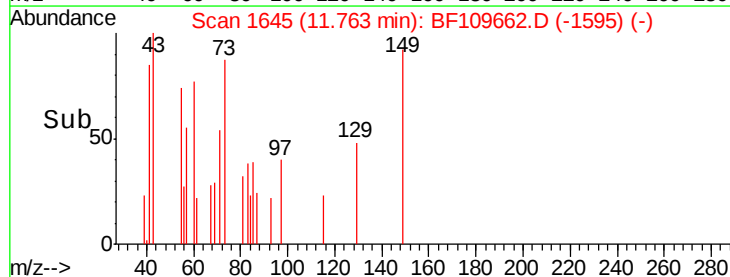


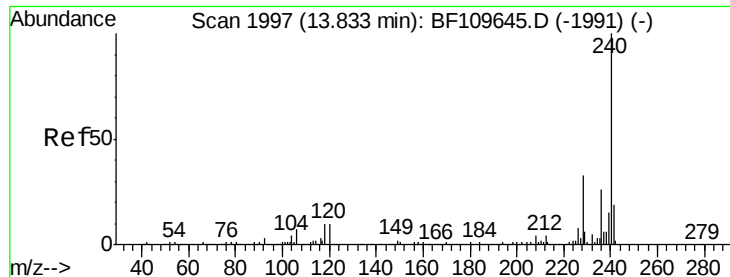
#73
 Di-n-butylphthalate
 Concen: 0.077 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Tgt Ion:149 Resp: 1082
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.7 11.5#
 104 0.0 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

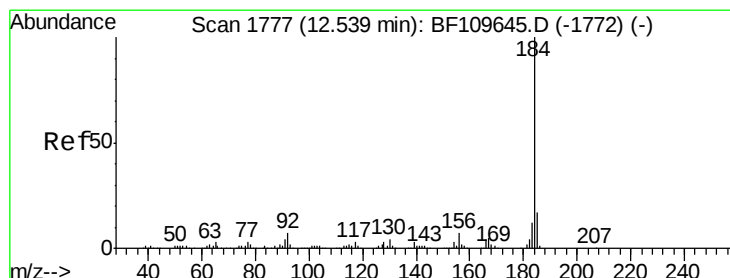
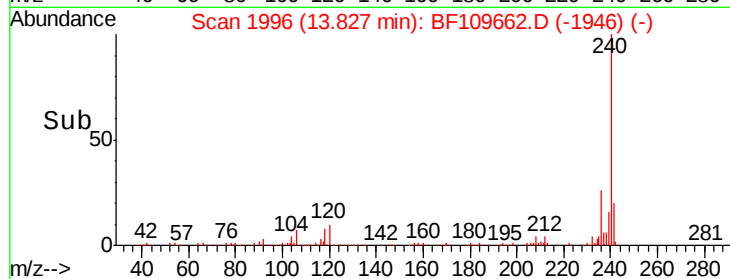
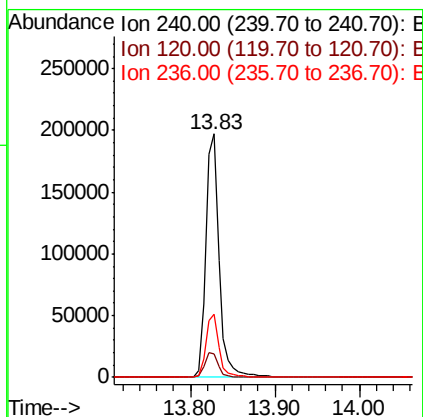
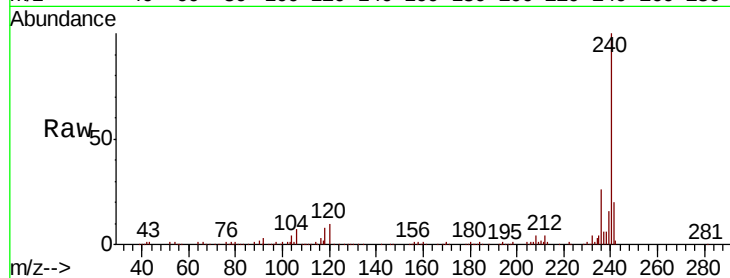




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

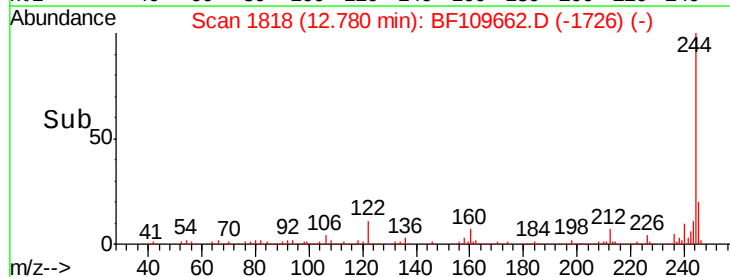
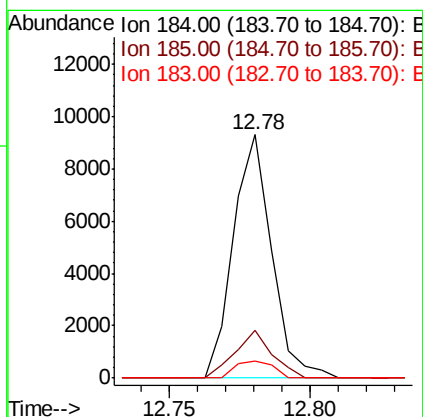
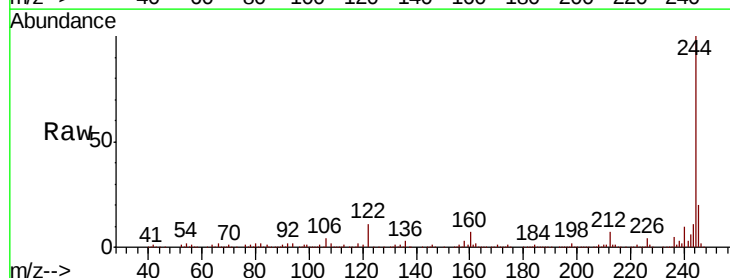
Instrument :
BNA_F
ClientSampleId :
N48971

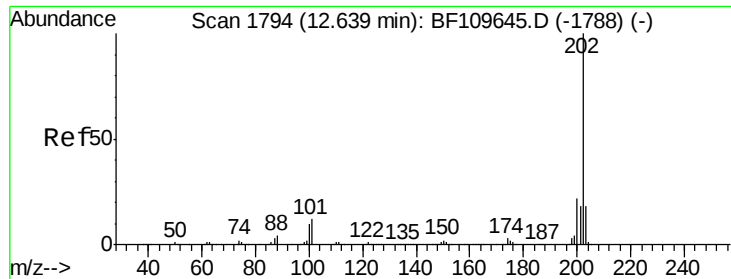
Tgt Ion:240 Resp: 216034
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 25.9 21.2 31.8



#76
Benzidine
Concen: 1.099 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.24 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion:184 Resp: 8820
Ion Ratio Lower Upper
184 100
185 19.7 13.4 20.2
183 7.3 9.4 14.2#

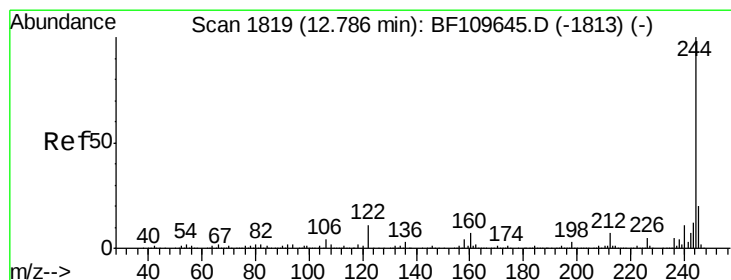
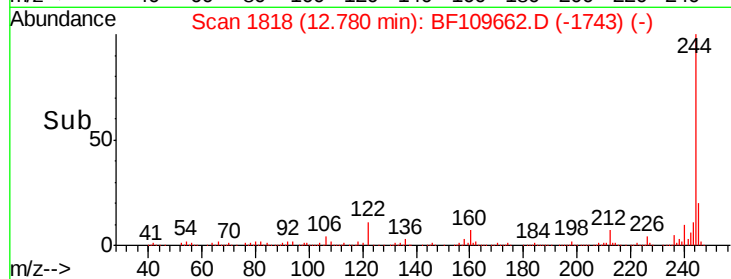
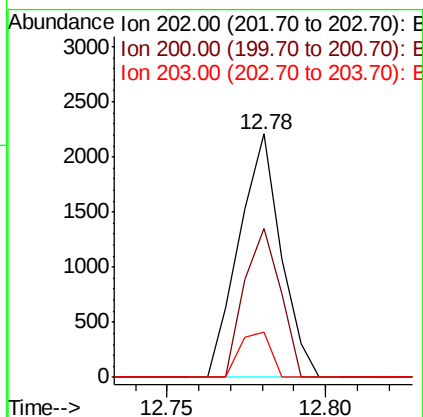
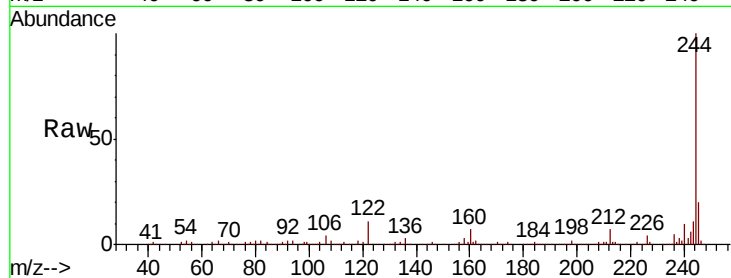




#77
Pyrene
Concen: 0.128 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.14 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

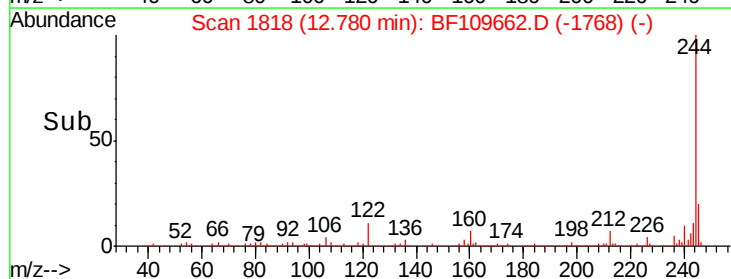
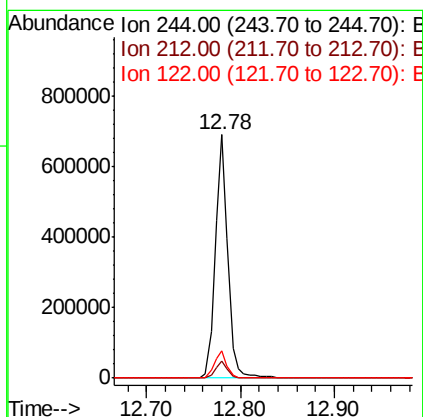
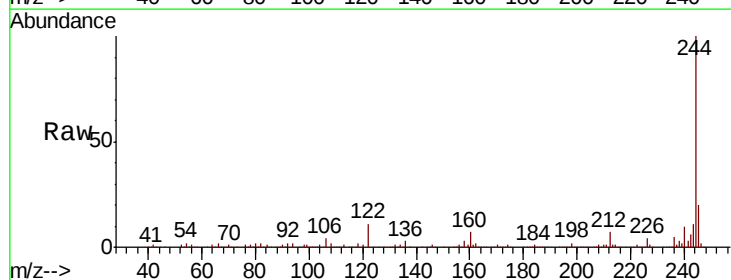
Instrument :
BNA_F
ClientSampleId :
N48971

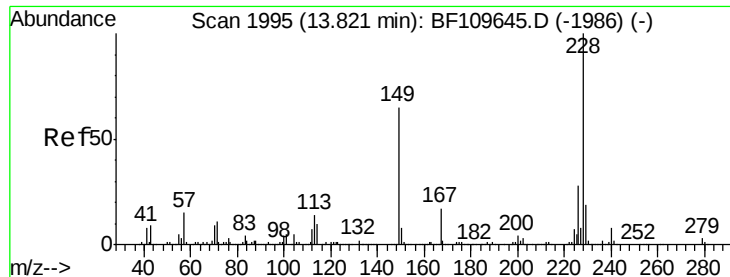
Tgt Ion: 202 Resp: 2027
Ion Ratio Lower Upper
202 100
200 61.2 17.8 26.6#
203 18.4 14.2 21.4



#78
Terphenyl-d14
Concen: 58.551 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion: 244 Resp: 653417
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.2 8.7 13.1





#80

Benzo(a)anthracene

Concen: 0.044 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

Instrument :

BNA_F

ClientSampleId :

N48971

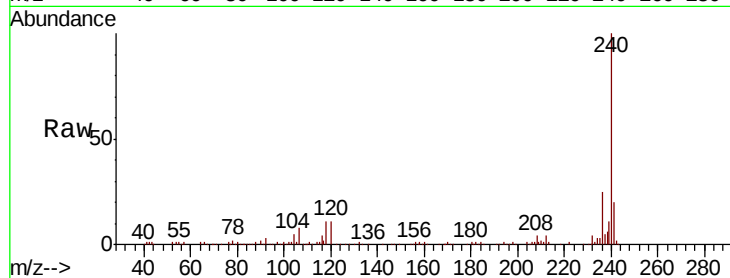
Tgt Ion:228 Resp: 519

Ion Ratio Lower Upper

228 100

226 0.0 22.1 33.1#

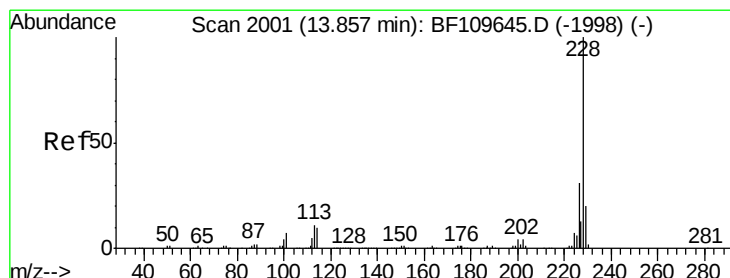
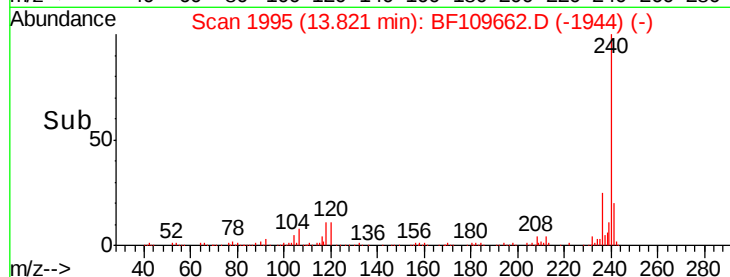
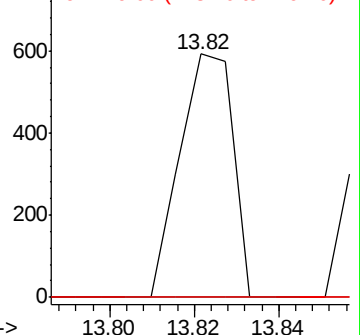
229 0.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.008 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF109662.D

Acq: 8 Oct 2018 21:57

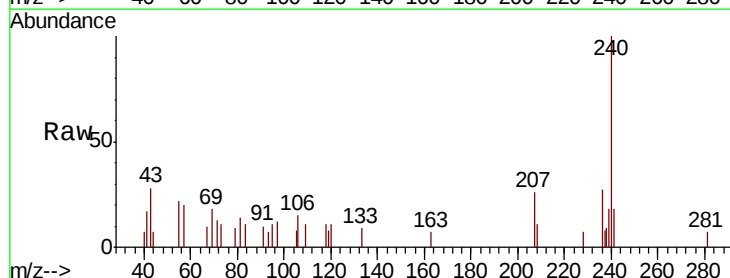
Tgt Ion:228 Resp: 106

Ion Ratio Lower Upper

228 100

226 0.0 24.7 37.1#

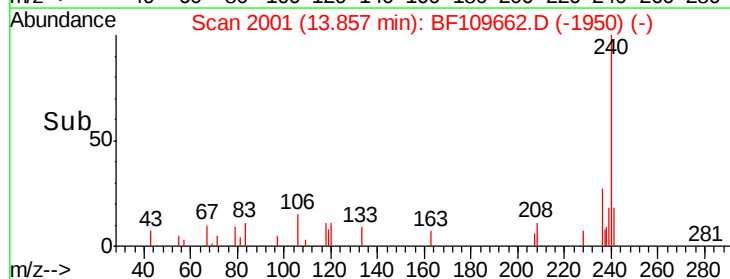
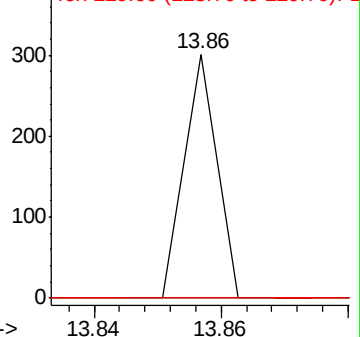
229 0.0 15.9 23.9#

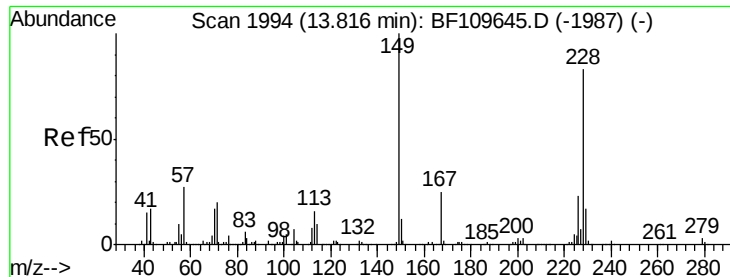


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

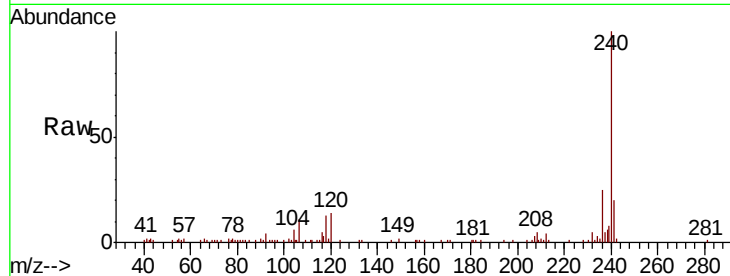




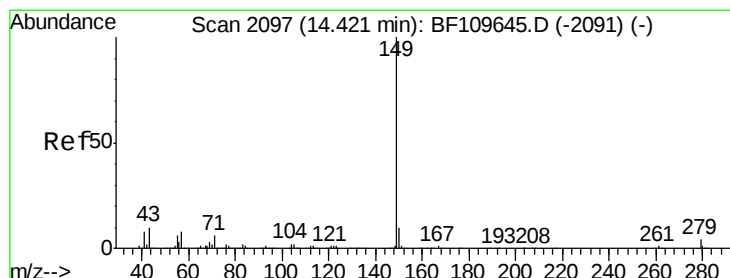
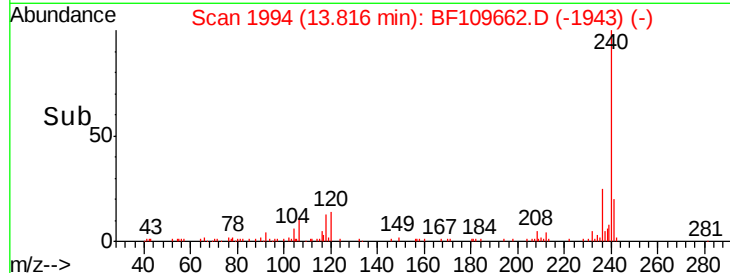
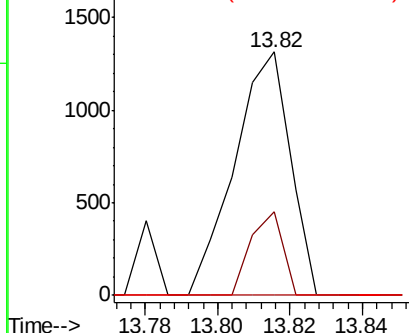
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.167 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Tgt Ion:149 Resp: 1402
 Ion Ratio Lower Upper
 149 100
 167 34.6 19.8 29.8#
 279 0.0 2.7 4.1#

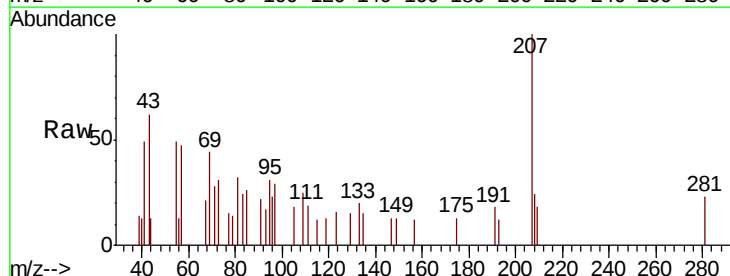


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

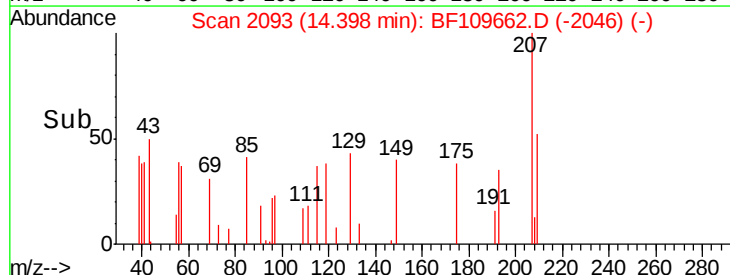
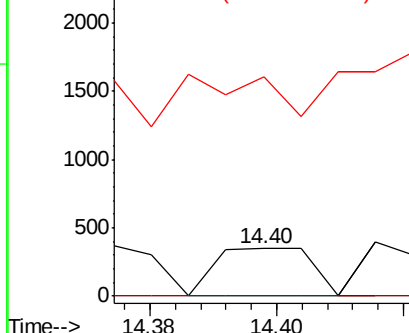


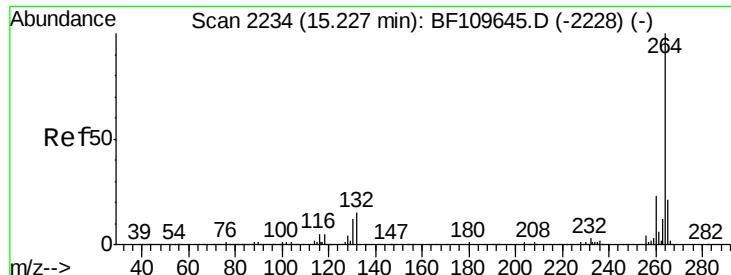
#84
 Di-n-octyl phthalate
 Concen: 0.028 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BF109662.D
 Acq: 8 Oct 2018 21:57

Tgt Ion:149 Resp: 367
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 100.5 7.8 11.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

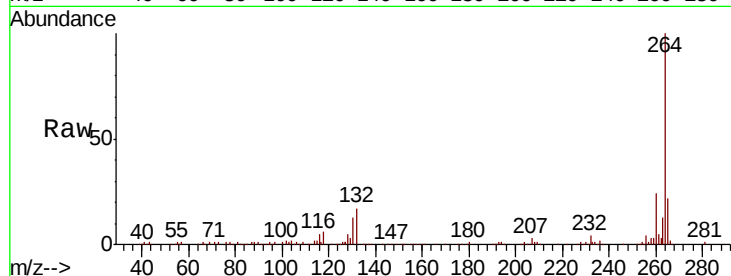




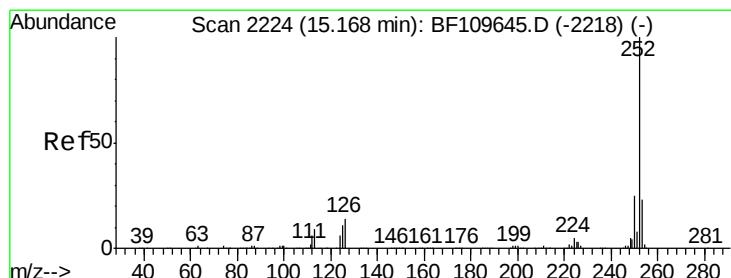
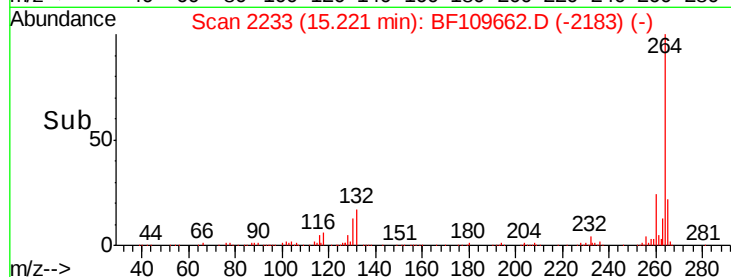
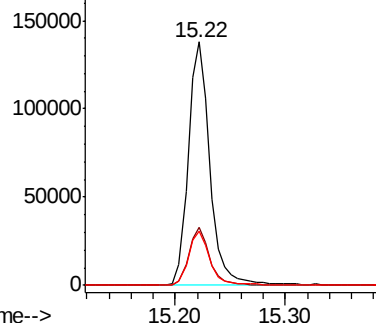
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Instrument :
BNA_F
ClientSampleId :
N48971

Tgt Ion:264 Resp: 187782
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.1 16.7 25.1

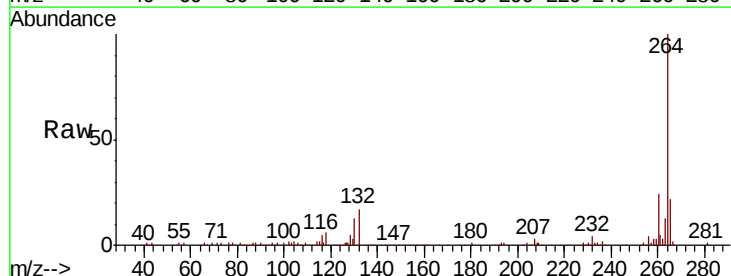


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#89
Benzo(a)pyrene
Concen: 0.041 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.05 min
Lab File: BF109662.D
Acq: 8 Oct 2018 21:57

Tgt Ion:252 Resp: 389
Ion Ratio Lower Upper
252 100
253 55.5 18.2 27.4#
125 63.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

