

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110763.D
 Acq On : 14 Nov 2018 14:44
 Operator : JU/SJ
 Sample : J5911-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 15:38:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	48981	20.00	ng	0.02
21) Naphthalene-d8	8.26	136	199826	20.00	ng	0.04
39) Acenaphthene-d10	10.00	164	151810	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	287663	20.00	ng	0.00
76) Chrysene-d12	14.13	240	176509	20.00	ng	0.00
87) Perylene-d12	15.66	264	168201	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	492958	163.48	ng	0.01
7) Phenol-d6	6.58	99	693423	179.83	ng	0.00
23) Nitrobenzene-d5	7.54	82	398335	114.80	ng	0.02
42) 2,4,6-Tribromophenol	10.79	330	201126	131.48	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	857340	80.66	ng	0.00
79) Terphenyl-d14	13.06	244	774159	82.14	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.55	79	8909	2.747	ng	# 46
4) n-Nitrosodimethylamine	3.54	42	41853	30.077	ng	# 1
6) Aniline	6.65	93	42864	8.524	ng	# 54
9) Benzaldehyde	6.53	77	44206	18.344	ng	# 19
10) Phenol	6.59	94	44500	9.952	ng	# 81
11) bis(2-Chloroethyl)ether	6.70	93	7227	2.157	ng	# 1
15) Benzyl Alcohol	7.07	79	109373	36.245	ng	# 61
17) 2-Methylphenol	7.22	107	22161	7.877	ng	# 1
18) Hexachloroethane	7.45	117	62218	42.909	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	50312	20.440	ng	# 72
22) Acetophenone	7.37	105	167038	35.868	ng	# 1
24) Nitrobenzene	7.56	77	81500	22.925	ng	# 49
25) Isophorone	7.79	82	246127	43.278	ng	# 1
26) 2-Nitrophenol	7.89	139	32917	18.560	ng	# 1
27) 2,4-Dimethylphenol	7.92	122	61996	22.953	ng	# 1
28) bis(2-Chloroethoxy)methane	8.02	93	57962	15.053	ng	# 1
29) 2,4-Dichlorophenol	8.09	162	35094	12.627	ng	# 24
31) Naphthalene	8.28	128	72956	7.777	ng	# 1
32) Benzoic acid	8.05	122	75838	39.684	ng	# 13
33) 4-Chloroaniline	8.31	127	28283	6.656	ng	# 1
35) Caprolactam	8.69	113	16485	17.754	ng	# 1
37) 2-Methylnaphthalene	8.97	142	1945832	316.419	ng	# 97
38) 1-Methylnaphthalene	9.07	142	1089561	184.232	ng	# 100
41) Hexachlorocyclopentadiene	8.94	237	474	7.852	ng	# 76
50) Dimethylphthalate	9.70	163	70243	6.201	ng	# 75
52) Acenaphthene	10.03	154	204189	21.990	ng	# 94
53) 3-Nitroaniline	9.94	138	5887	2.039	ng	# 18
54) 2,4-Dinitrophenol	10.04	184	377	5.059	ng	# 1
55) Dibenzofuran	10.20	168	260359	19.165	ng	# 97
56) 4-Nitrophenol	10.13	139	4266	2.227	ng	# 21
57) 2,4-Dinitrotoluene	10.19	165	10404	3.211	ng	# 46
58) Fluorene	10.54	166	168378	16.136	ng	# 95
66) n-Nitrosodiphenylamine	10.65	169	40010	4.126	ng	# 48
67) 4-Bromophenyl-phenylether	10.79	248	13641	4.291	ng	# 1

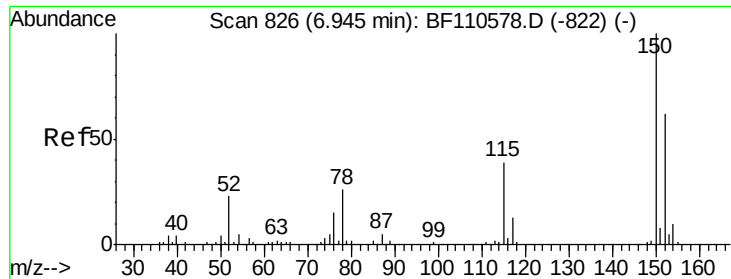
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110763.D
Acq On : 14 Nov 2018 14:44
Operator : JU/SJ
Sample : J5911-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Phenanthrene	11.50	178	167217	10.850	nq	98
72) Anthracene	11.50	178	167217	10.756	nq	98
75) Fluoranthene	12.70	202	92371	5.978	nq	100
77) Benzidine	13.06	184	10836	2.232	nq	94
78) Pyrene	12.93	202	78261	5.758	nq	99
81) Benzo(a)anthracene	14.12	228	21467	2.035	nq	96
88) Benzo(b)fluoranthene	15.21	252	24989	2.483	nq #	33
89) Benzo(k)fluoranthene	15.21	252	24989	2.513	nq #	35

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

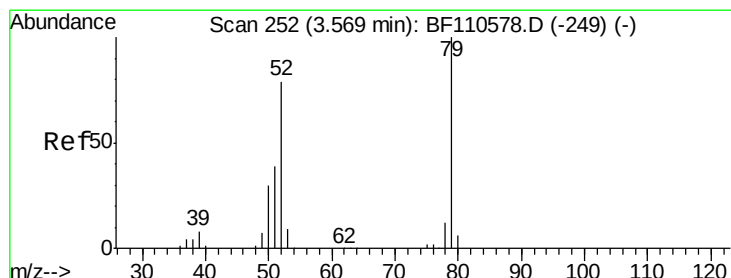
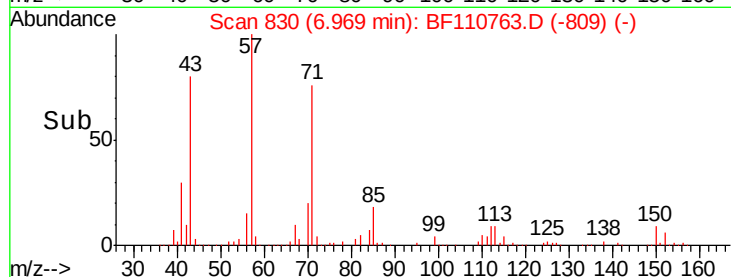
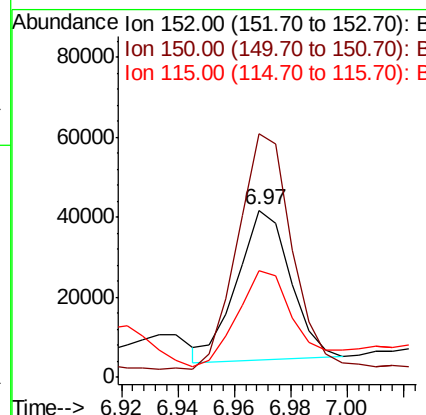
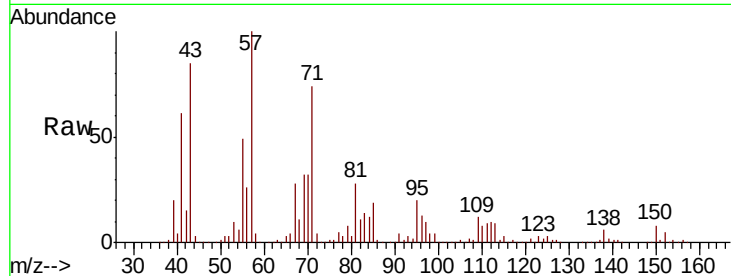


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

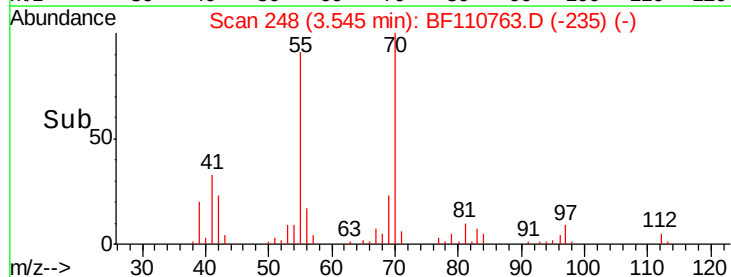
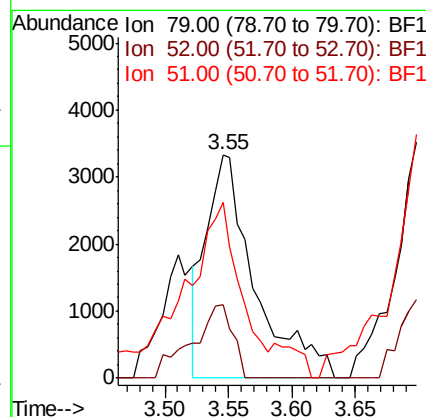
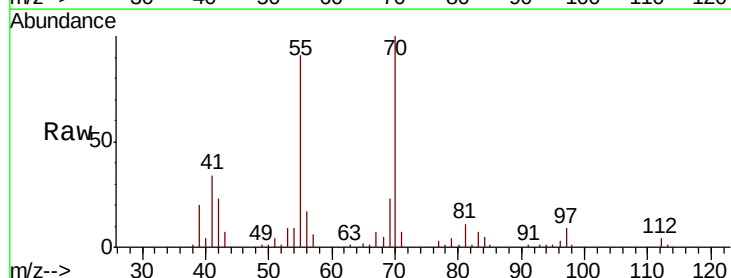
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	122.7	184.1
115	63.9	49.1	73.7

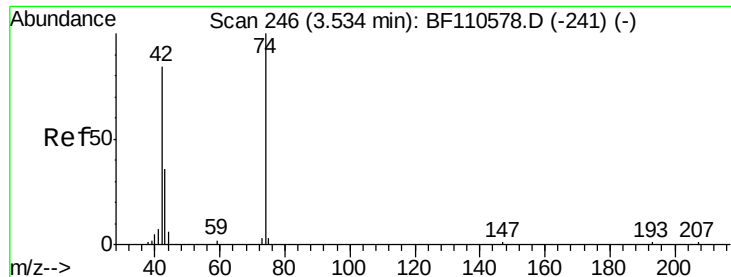


#3

Pyridine
Concen: 2.747 ng
RT: 3.55 min Scan# 248
Delta R.T. -0.02 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
79	100		
52	33.1	53.1	79.7#
51	78.8	27.4	41.2#



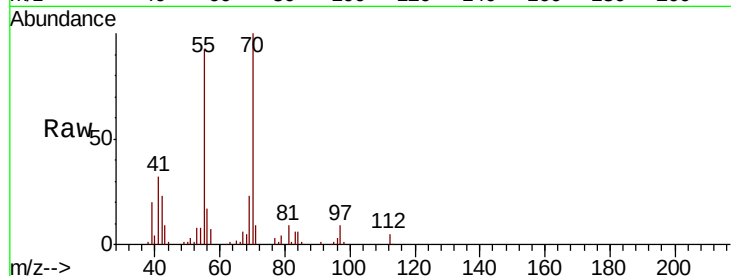


#4

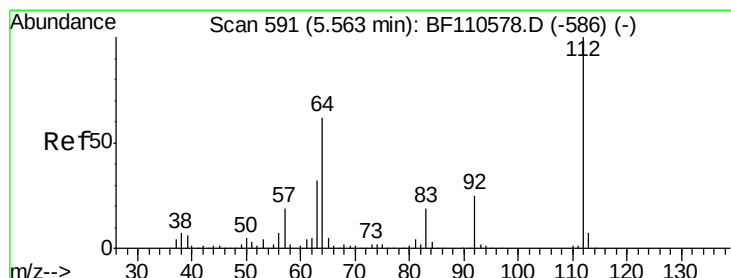
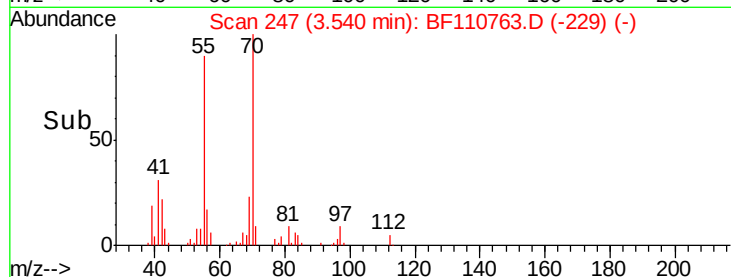
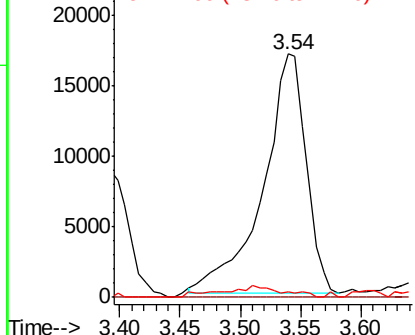
n-Nitrosodimethylamine
 Concen: 30.077 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.01 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.5	158.3#
44	2.4	4.9	7.3#



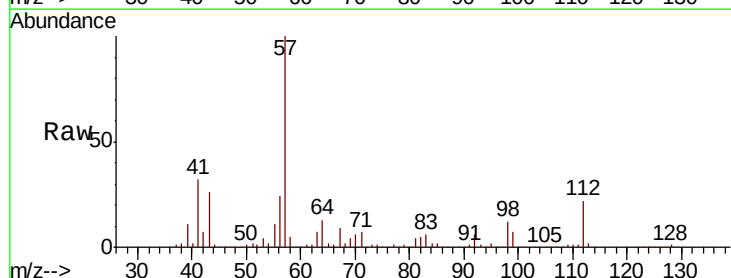
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



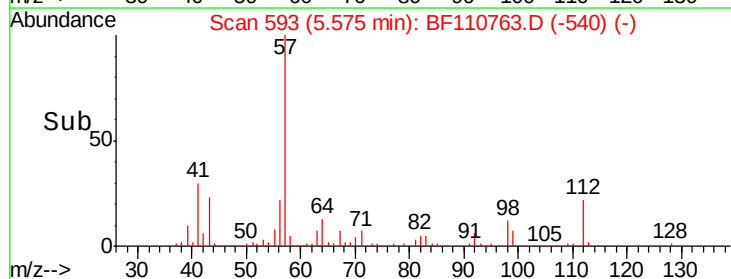
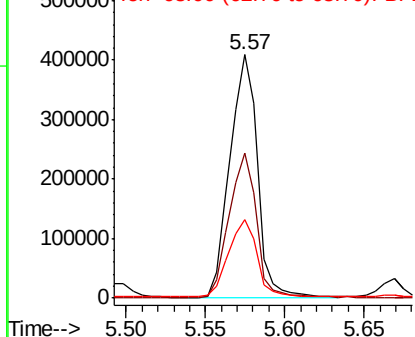
#5

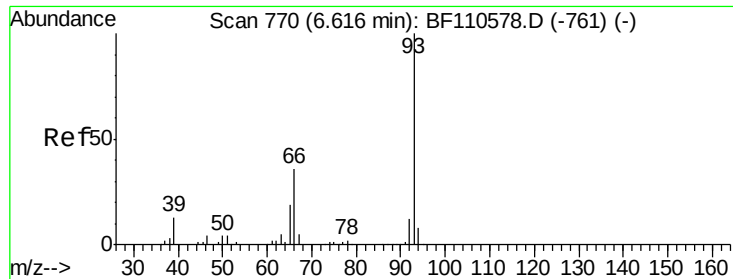
2-Fluorophenol
 Concen: 163.475 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	32.3	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





#6

Aniline

Concen: 8.524 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.04 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampled :

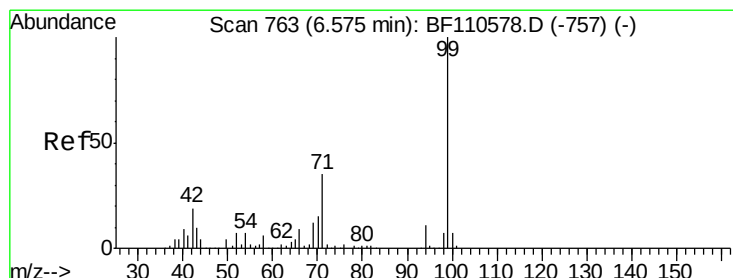
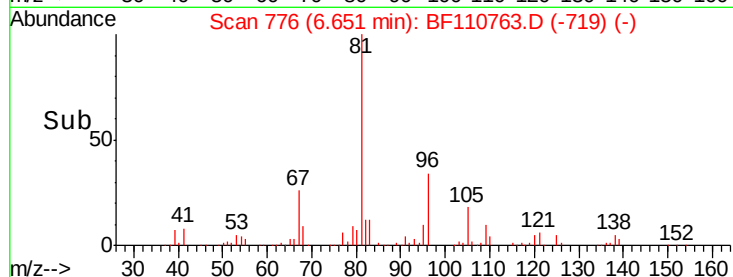
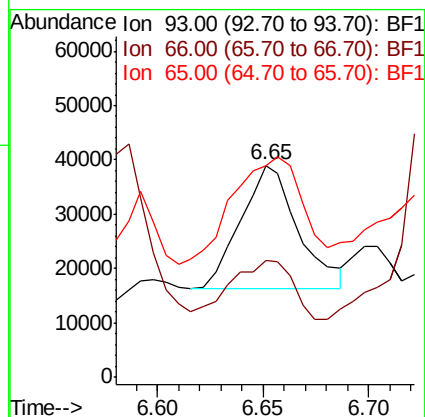
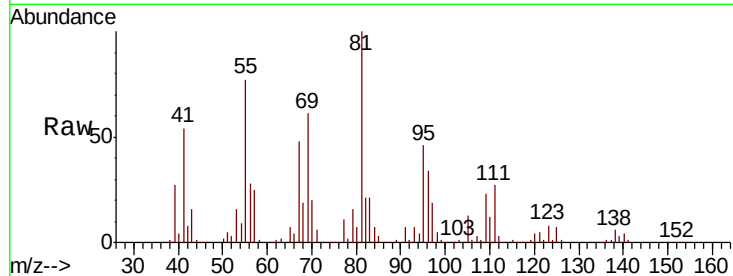
Tot Ion: 93 Resp: 42864

Ion Ratio Lower Upper

93 100

66 55.1 67.4 101.0#

65 99.9 41.0 61.4#



#7

Phenol-d6

Concen: 179.826 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

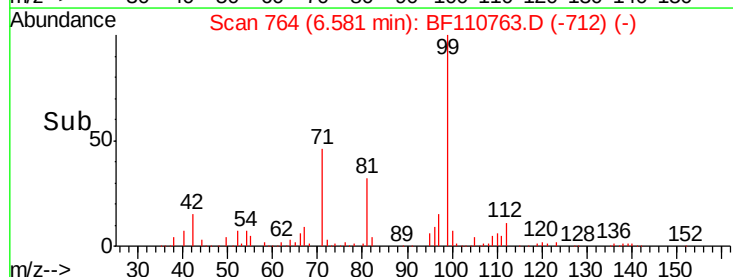
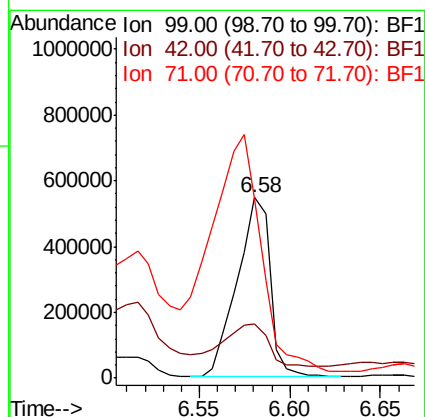
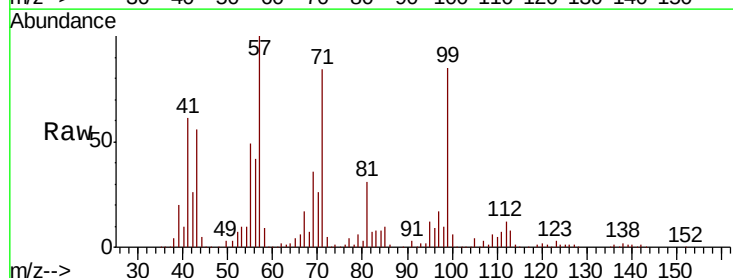
Tgt Ion: 99 Resp: 693423

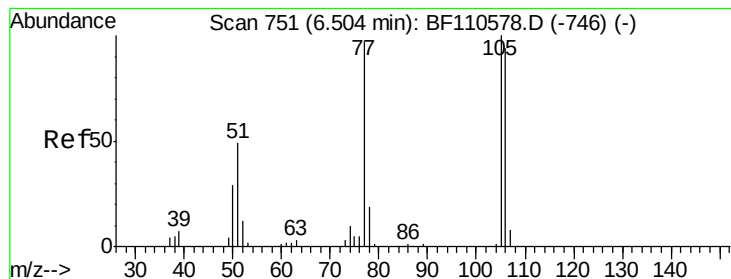
Ion Ratio Lower Upper

99 100

42 30.2 15.8 23.6#

71 99.3 28.0 42.0#





#9

Benzaldehyde

Concen: 18.344 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

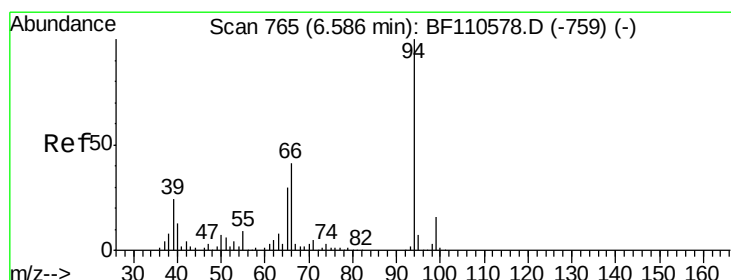
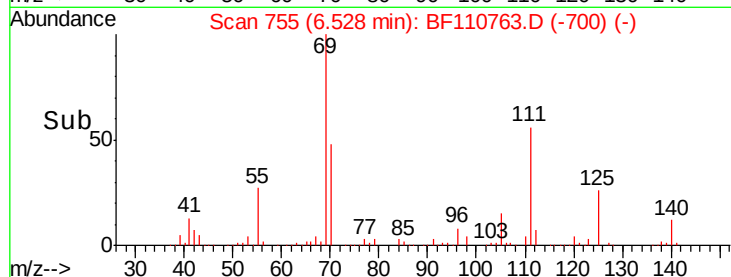
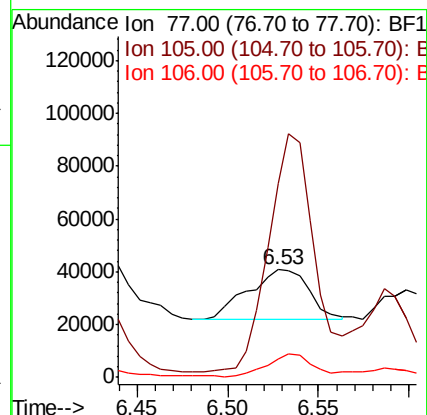
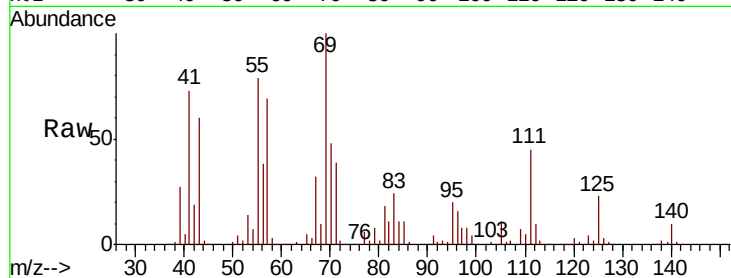
Tot Ion: 77 Resp: 44206

Ion Ratio Lower Upper

77 100

105 179.6 78.6 118.6#

106 16.8 74.8 114.8#



#10

Phenol

Concen: 9.952 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

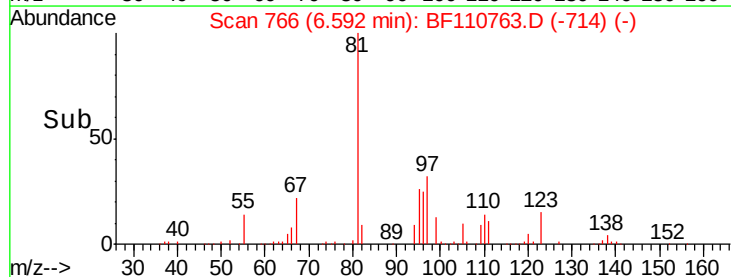
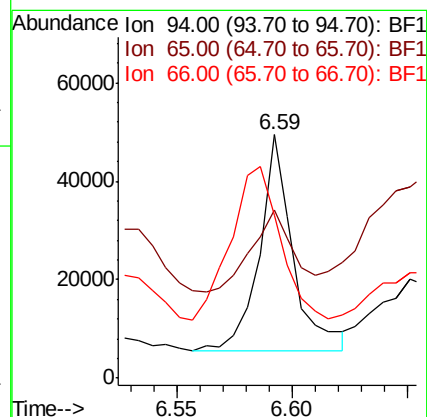
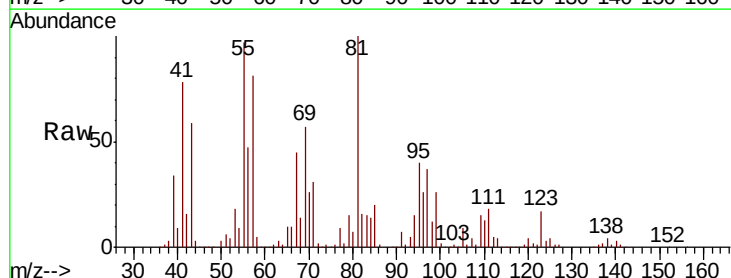
Tgt Ion: 94 Resp: 44500

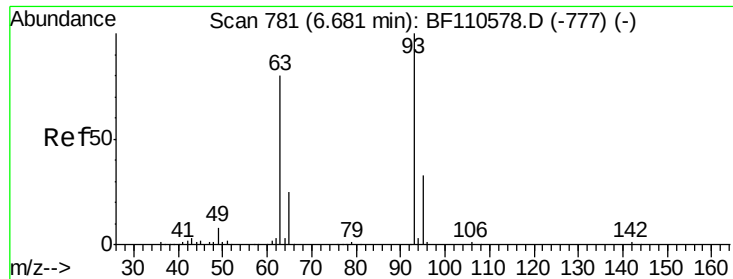
Ion Ratio Lower Upper

94 100

65 69.3 25.3 65.3#

66 66.9 54.5 94.5

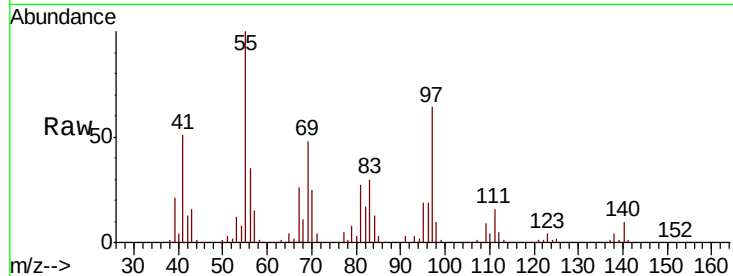




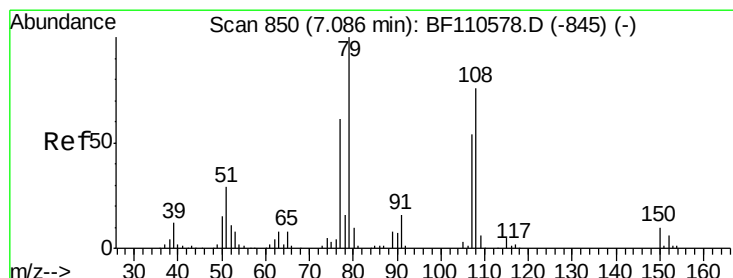
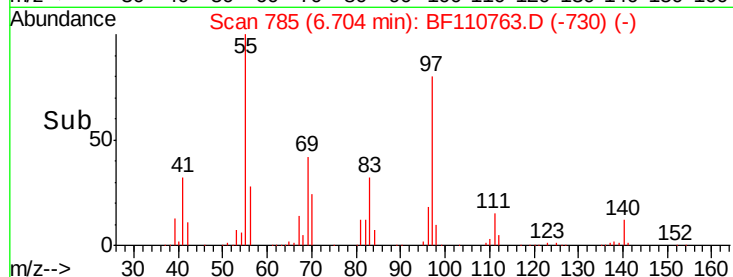
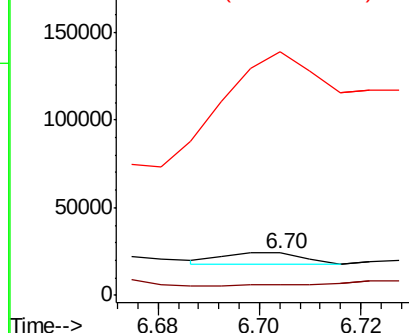
#11
bis(2-Chloroethyl)ether
Concen: 2.157 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.02 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 7227
Ion Ratio Lower Upper
93 100
63 25.9 53.4 93.4#
95 574.6 12.1 52.1#

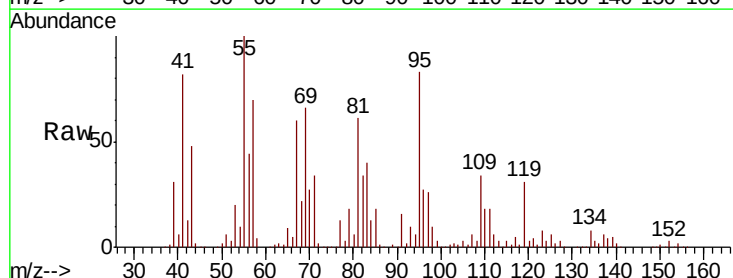


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

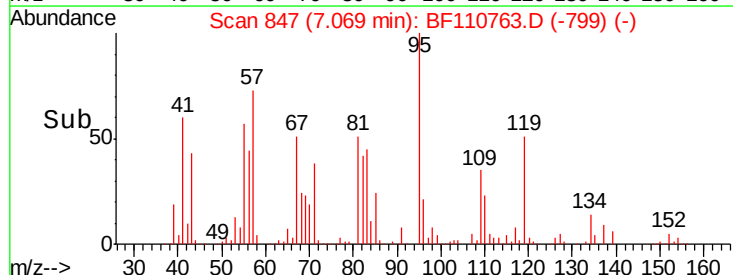
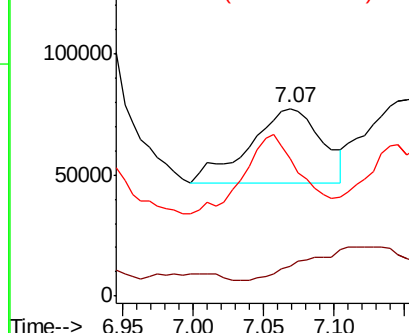


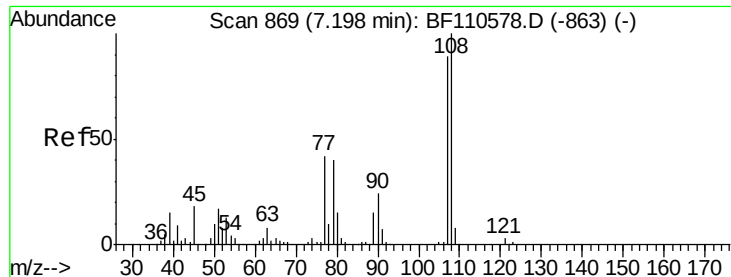
#15
Benzyl Alcohol
Concen: 36.245 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion: 79 Resp: 109373
Ion Ratio Lower Upper
79 100
108 16.0 56.3 84.5#
77 73.3 52.9 79.3



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





#17

2-Methylphenol

Concen: 7.877 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.02 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 22161

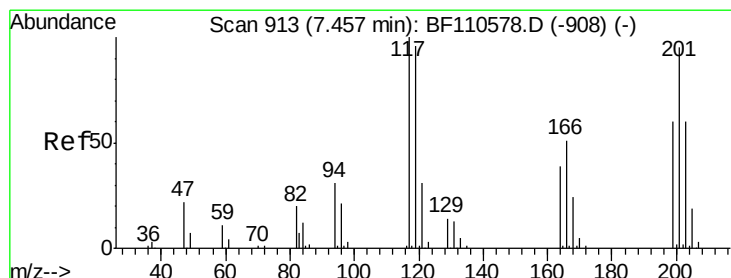
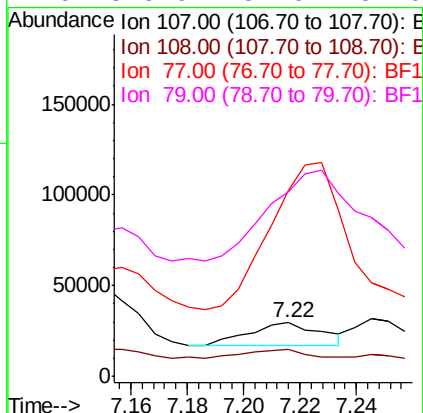
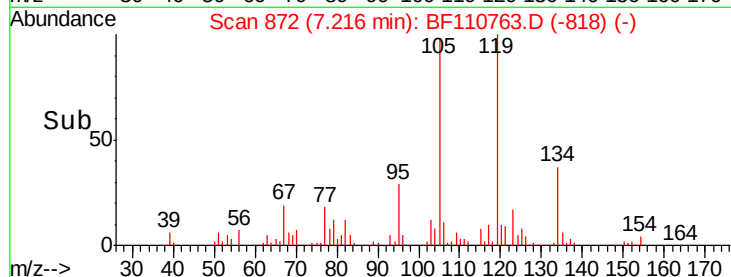
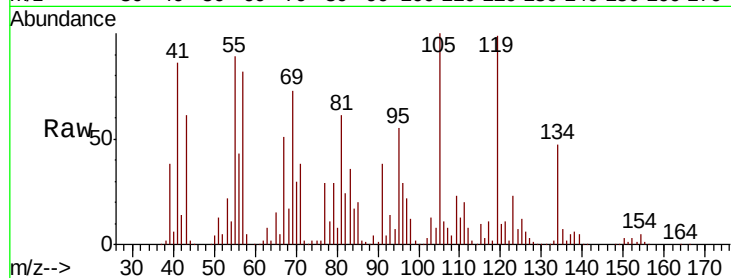
Ion Ratio Lower Upper

107 100

108 51.3 92.6 138.8#

77 348.1 59.4 89.2#

79 345.9 54.0 81.0#



#18

Hexachloroethane

Concen: 42.909 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

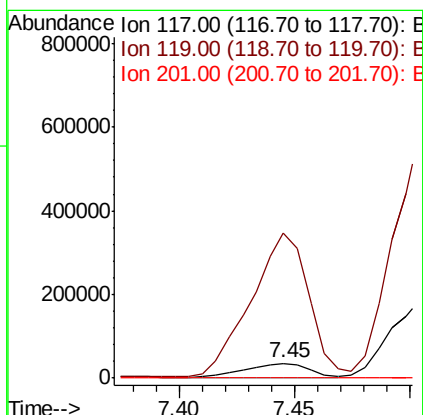
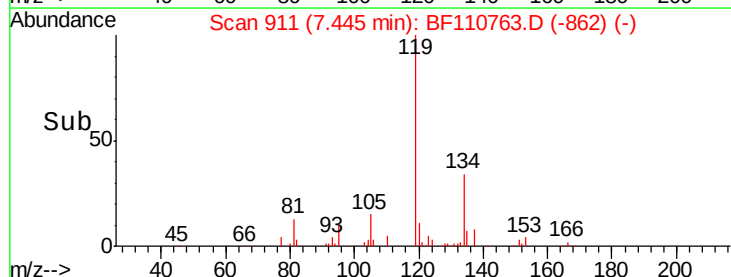
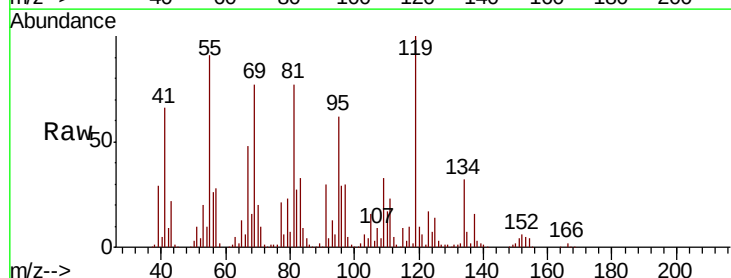
Tgt Ion:117 Resp: 62218

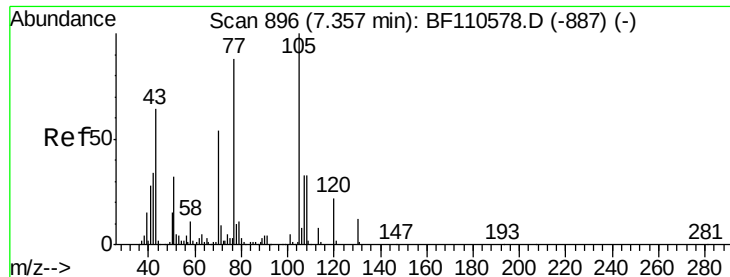
Ion Ratio Lower Upper

117 100

119 995.4 75.0 112.6#

201 0.0 79.2 118.8#

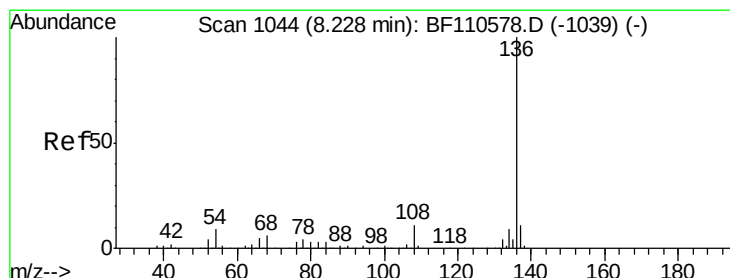
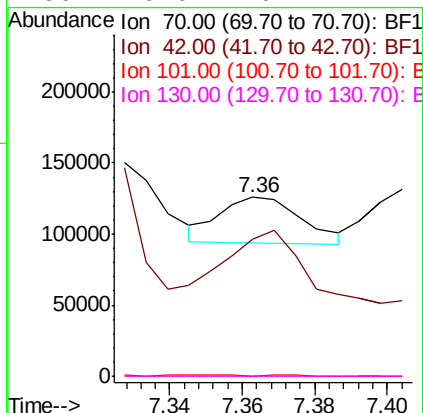
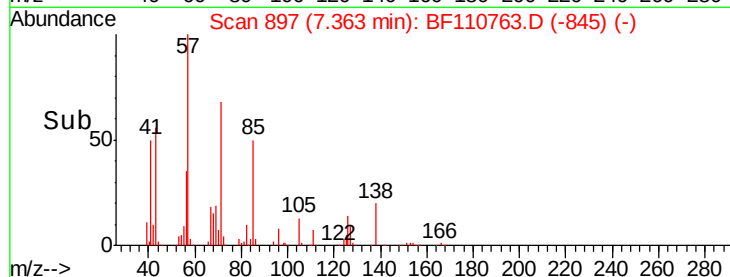
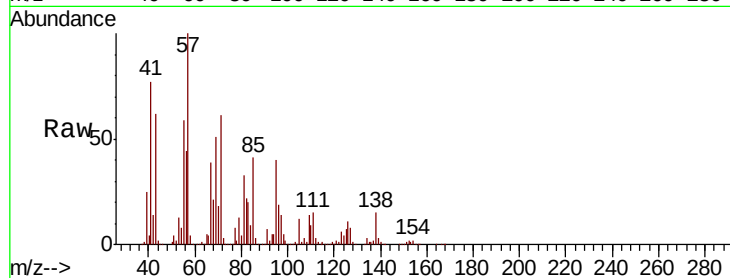




#19
n-Nitroso-di-n-propylamine
Concen: 20.440 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

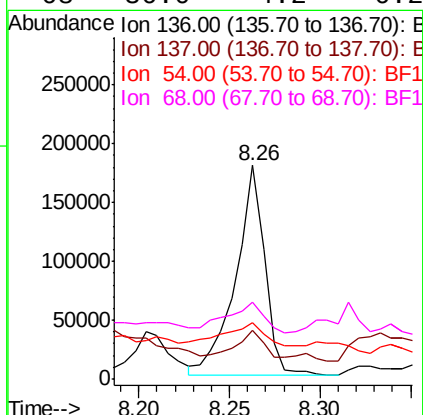
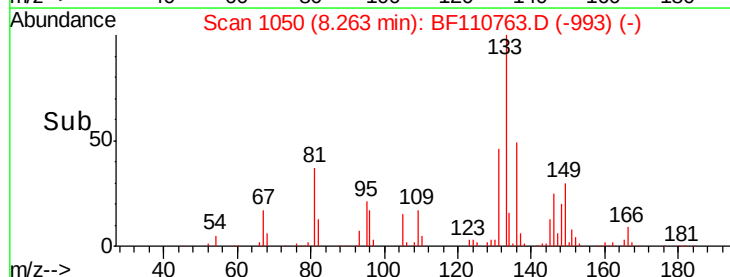
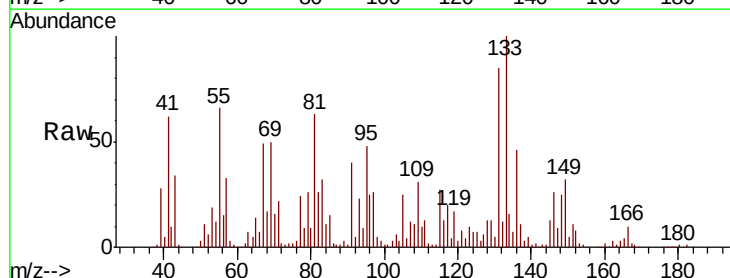
Instrument :
BNA_F
ClientSampled :

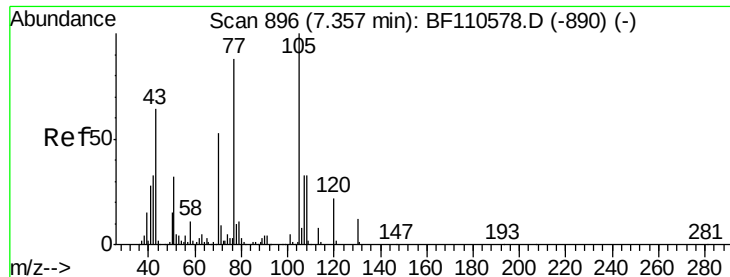
Tot Ion: 70 Resp: 50312
Ion Ratio Lower Upper
70 100
42 76.8 47.4 71.2#
101 0.4 7.3 10.9#
130 0.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.04 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion:136 Resp: 199826
Ion Ratio Lower Upper
136 100
137 23.1 8.8 13.2#
54 26.3 5.4 8.2#
68 36.0 4.2 6.2#

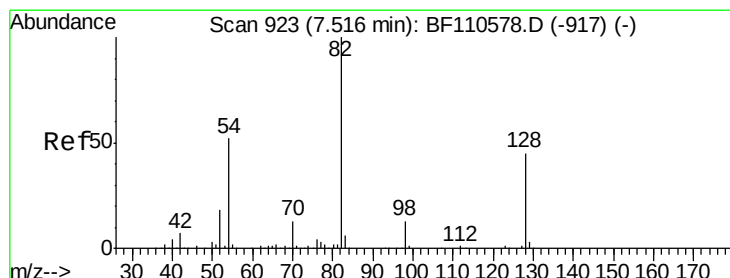
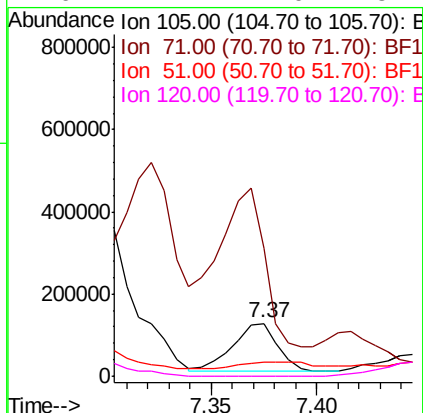
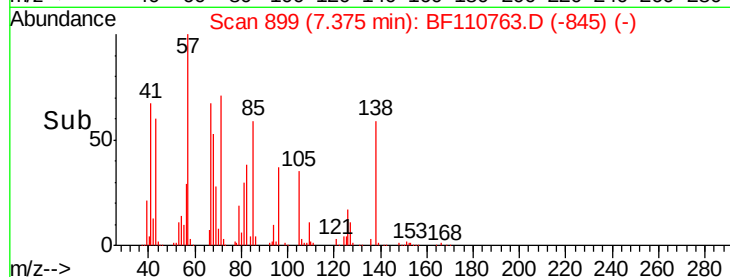
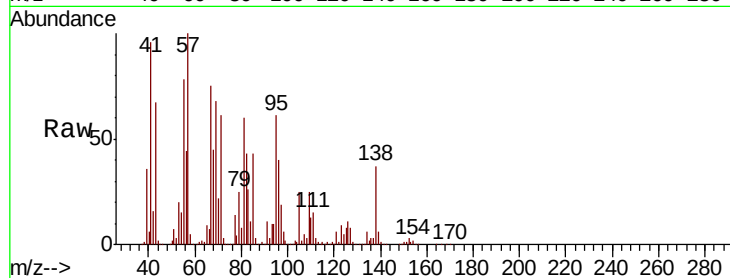




#22
Acetophenone
Concen: 35.868 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.02 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

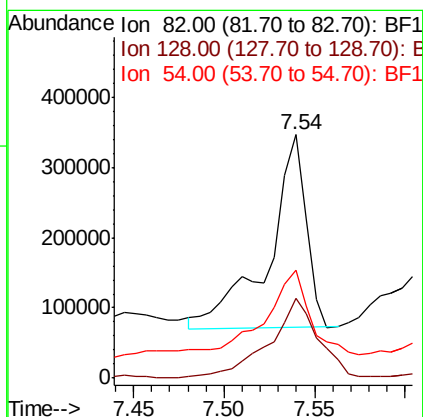
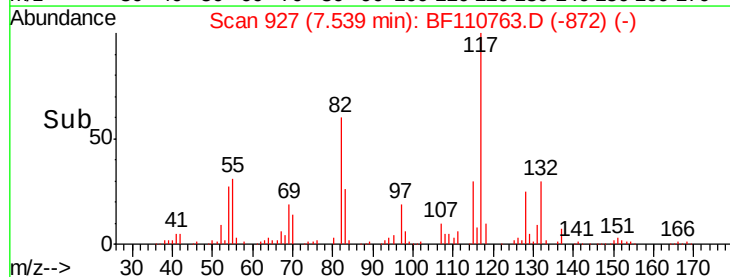
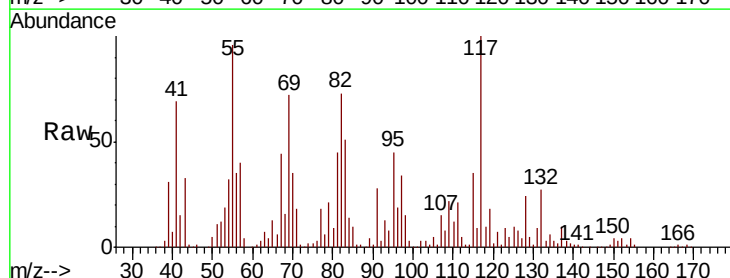
Instrument :
BNA_F
ClientSampled :

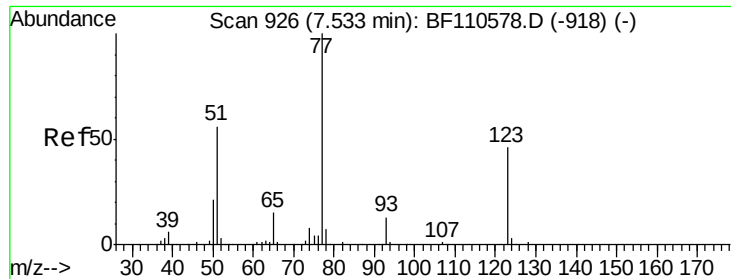
Tot Ion:105 Resp: 167038
Ion Ratio Lower Upper
105 100
71 243.2 5.2 7.8#
51 26.6 21.8 32.8
120 1.1 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 114.800 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.02 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion: 82 Resp: 398335
Ion Ratio Lower Upper
82 100
128 32.5 34.2 51.2#
54 44.4 38.6 58.0

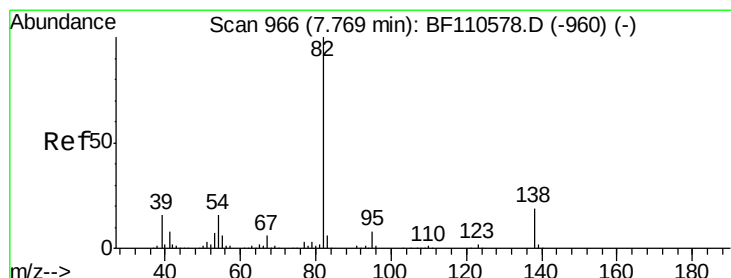
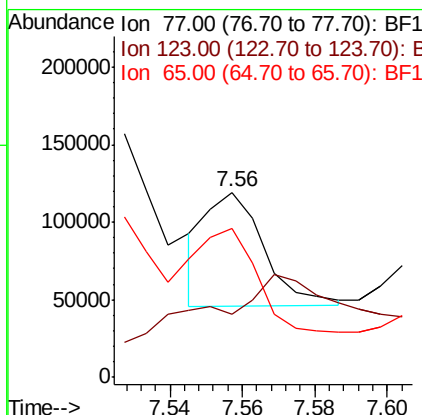
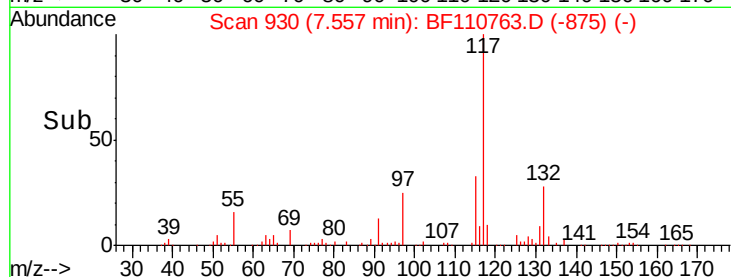
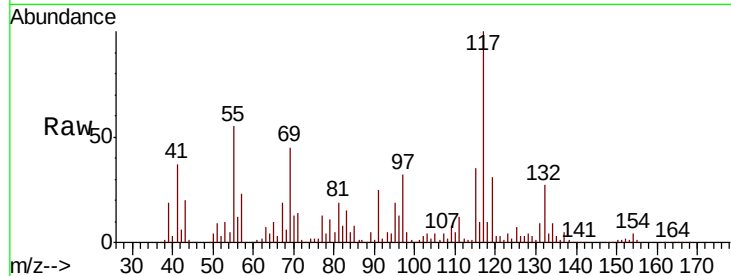




#24
 Nitrobenzene
 Concen: 22.925 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.02 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

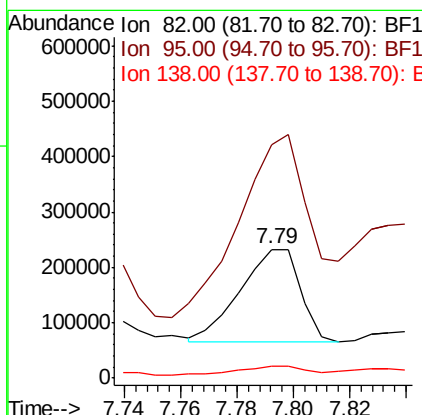
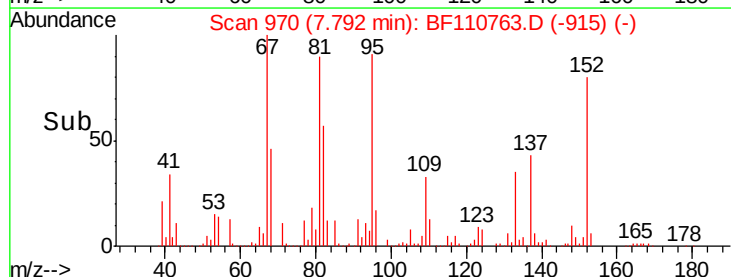
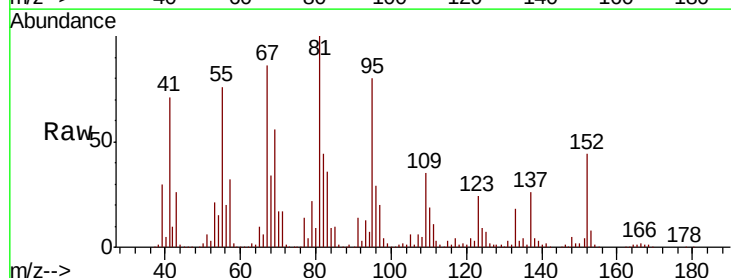
Instrument :
 BNA_F
 ClientSampled :

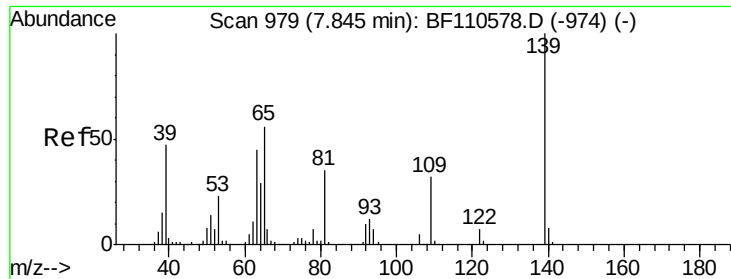
Tot Ion: 77 Resp: 81500
 Ion Ratio Lower Upper
 77 100
 123 34.1 35.7 53.5#
 65 80.5 10.7 16.1#



#25
 Isophorone
 Concen: 43.278 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.02 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Tgt Ion: 82 Resp: 246127
 Ion Ratio Lower Upper
 82 100
 95 181.5 5.7 8.5#
 138 9.2 13.2 19.8#

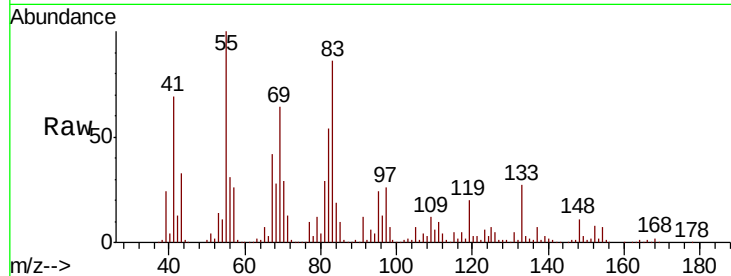




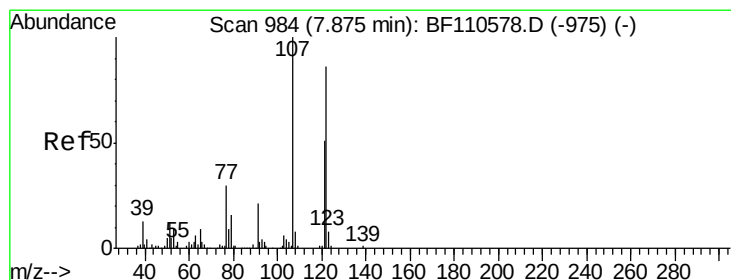
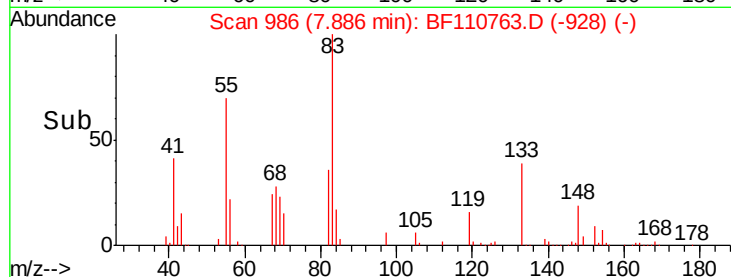
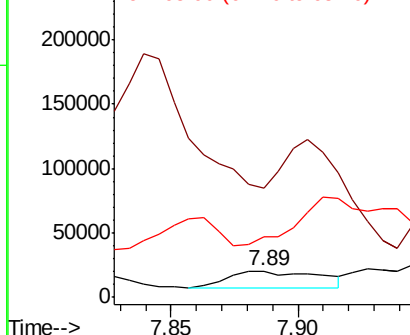
#26
2-Nitrophenol
Concen: 18.560 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.04 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 32917
Ion Ratio Lower Upper
139 100
109 415.6 25.0 37.6#
65 232.4 44.0 66.0#

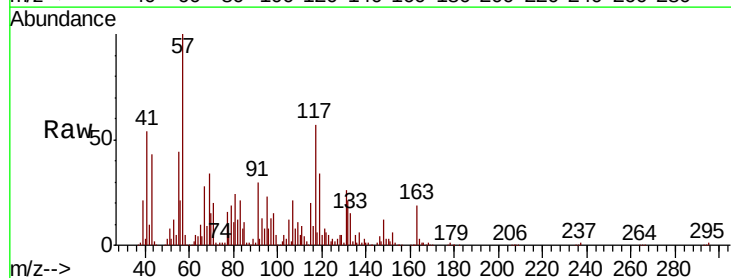


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

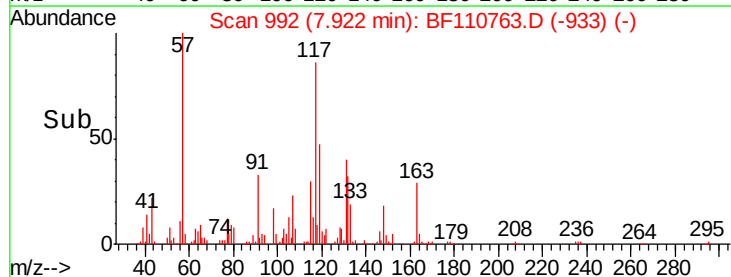
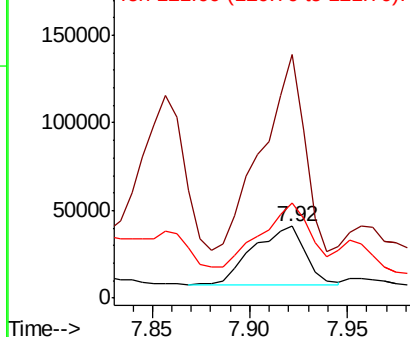


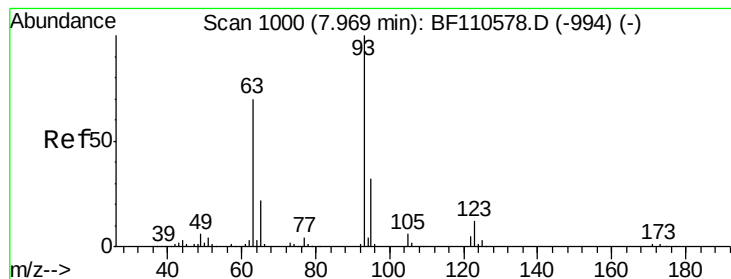
#27
2,4-Dimethylphenol
Concen: 22.953 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.05 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion:122 Resp: 61996
Ion Ratio Lower Upper
122 100
107 340.4 92.5 138.7#
121 133.5 45.8 68.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 15.053 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.05 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

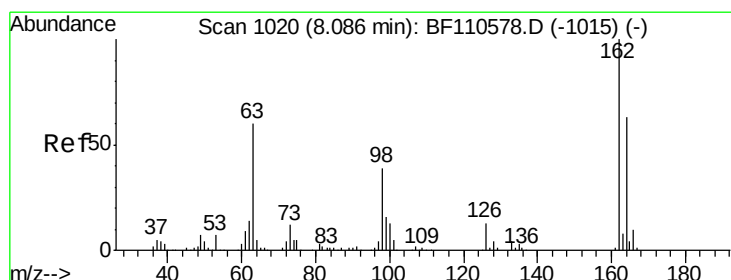
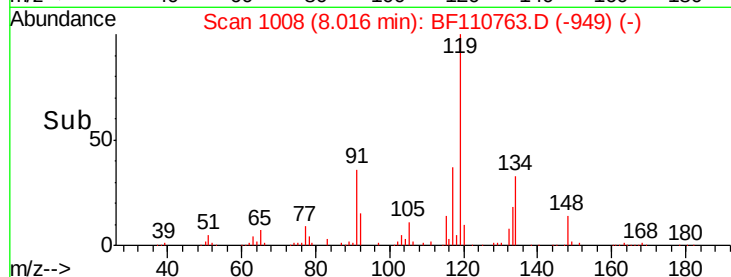
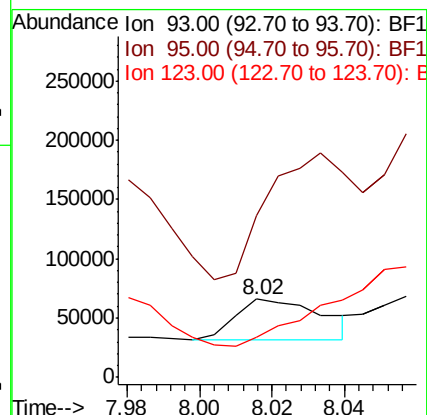
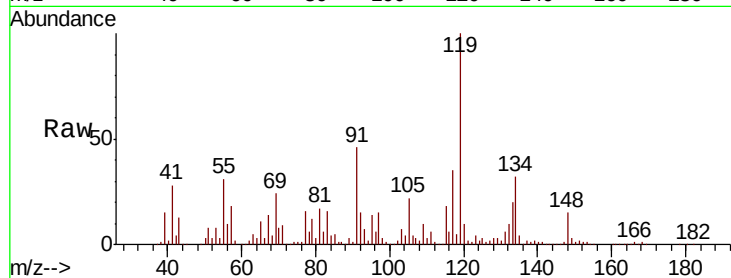
Tot Ion: 93 Resp: 57962

Ion Ratio Lower Upper

93 100

95 207.3 26.4 39.6#

123 51.4 9.0 13.6#



#29

2,4-Dichlorophenol

Concen: 12.627 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

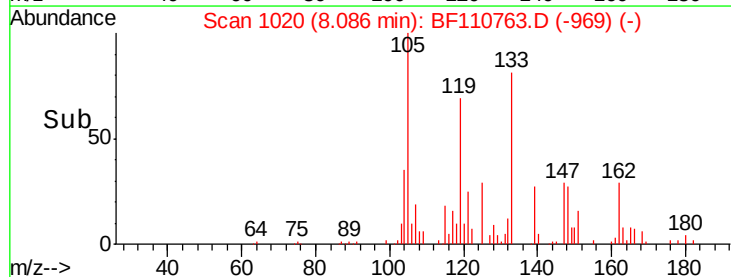
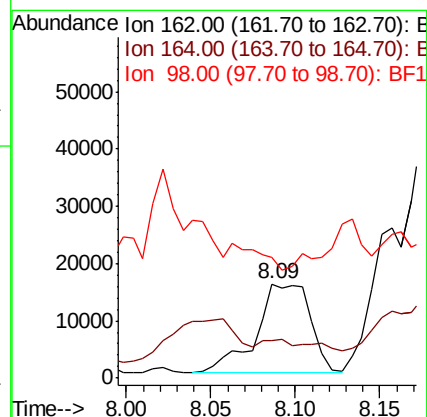
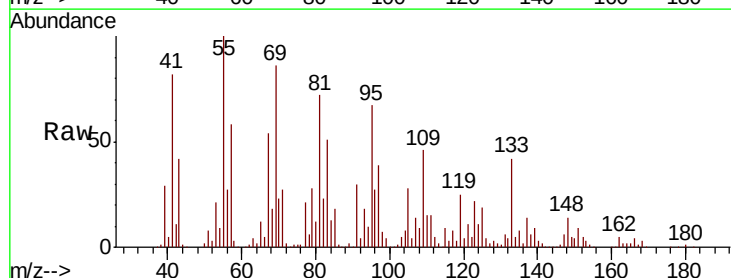
Tgt Ion: 162 Resp: 35094

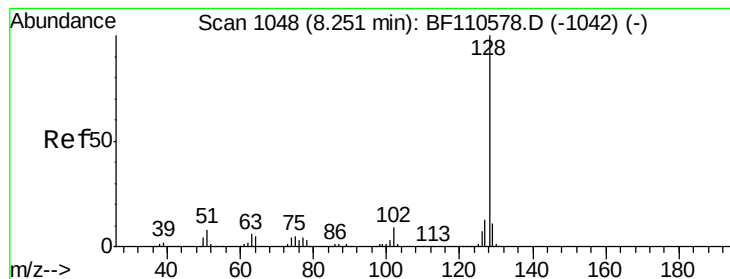
Ion Ratio Lower Upper

162 100

164 39.6 44.6 84.6#

98 129.0 17.4 57.4#





#31

Naphthalene

Concen: 7.777 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.03 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

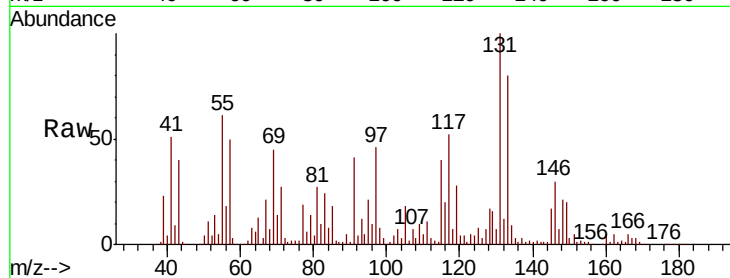
Tot Ion:128 Resp: 72956

Ion Ratio Lower Upper

128 100

129 96.3 8.8 13.2#

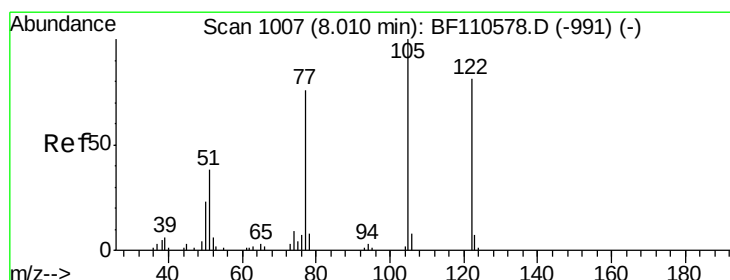
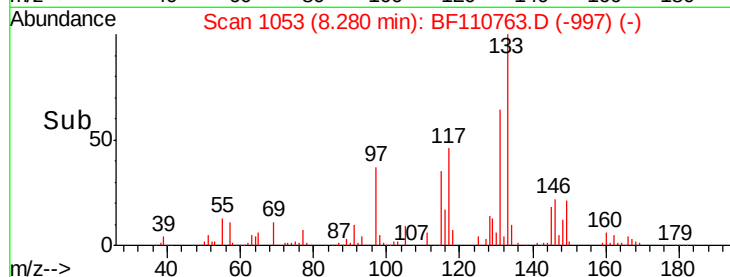
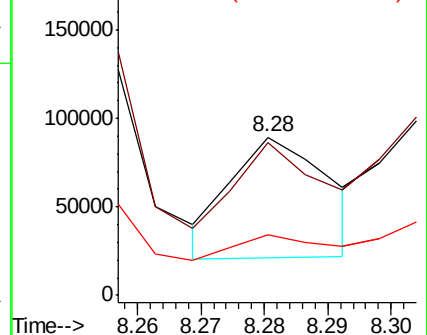
127 38.7 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.684 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.04 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

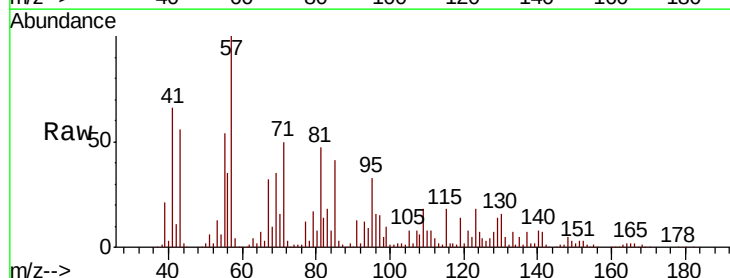
Tgt Ion:122 Resp: 75838

Ion Ratio Lower Upper

122 100

105 160.9 109.0 149.0#

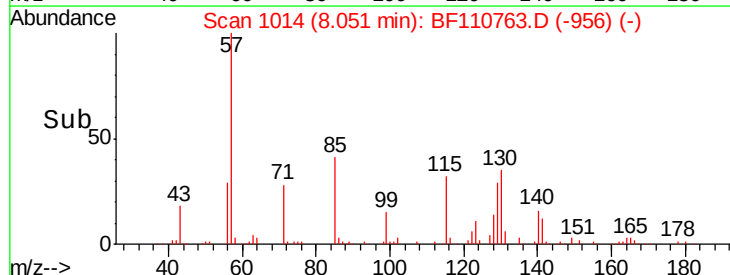
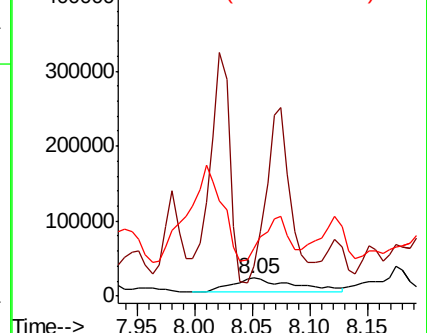
77 261.9 79.0 119.0#

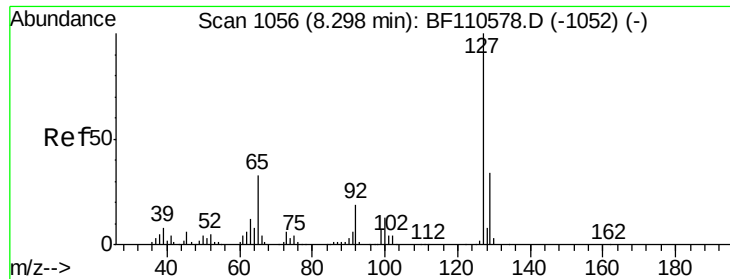


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

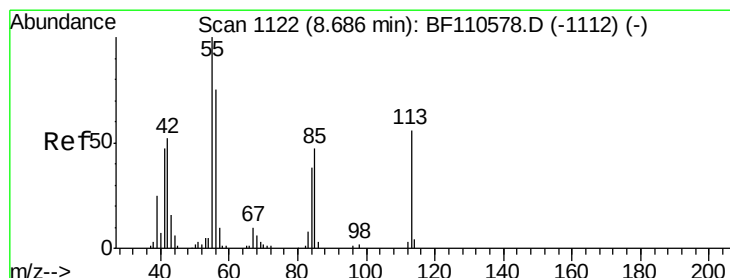
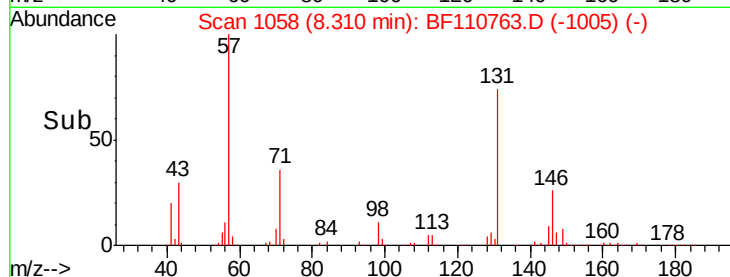
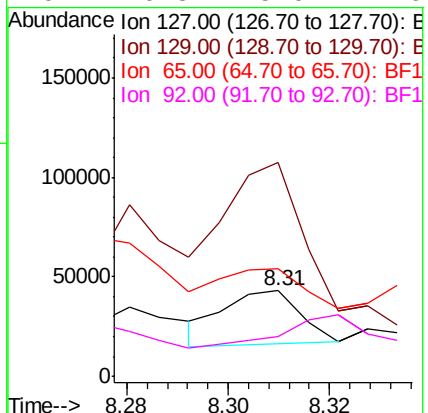
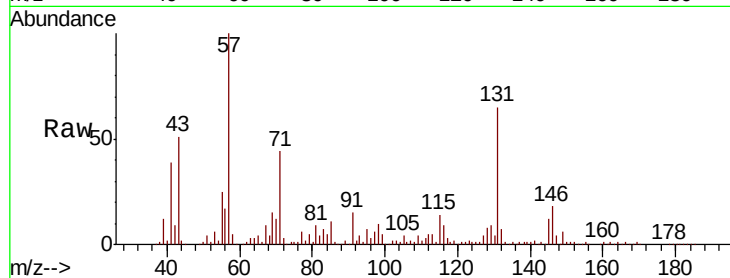




#33
4-Chloroaniline
Concen: 6.656 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

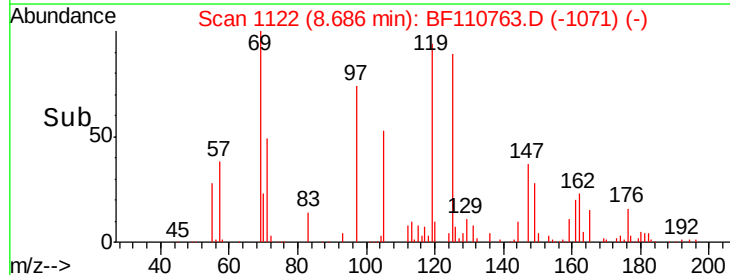
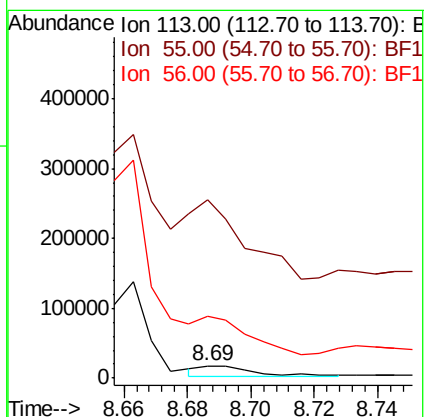
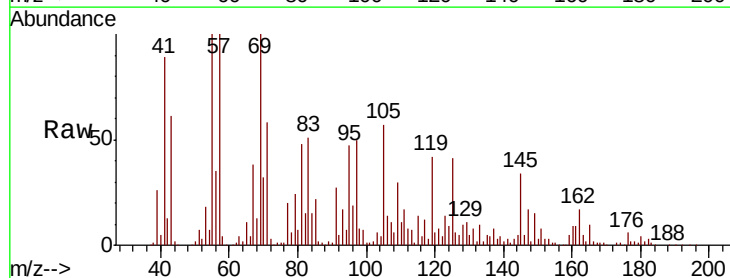
Instrument :
BNA_F
ClientSampleId :

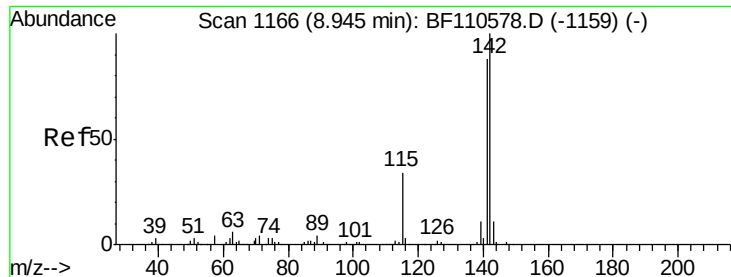
Tot Ion	Ratio	Lower	Upper
127	100		
129	249.7	26.0	39.0#
65	125.1	25.1	37.7#
92	46.3	15.0	22.6#



#35
Caprolactam
Concen: 17.754 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
113	100		
55	1461.5	142.8	182.8#
56	506.7	105.0	145.0#

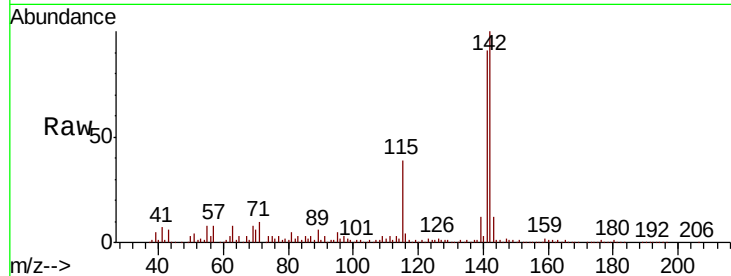




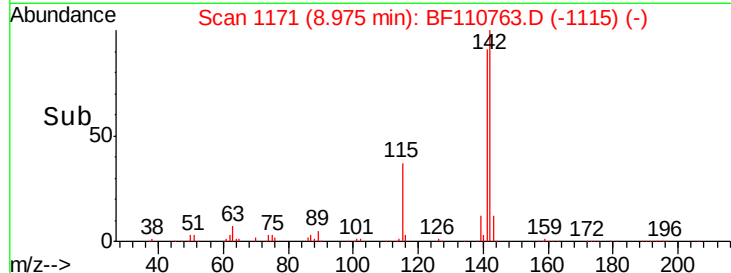
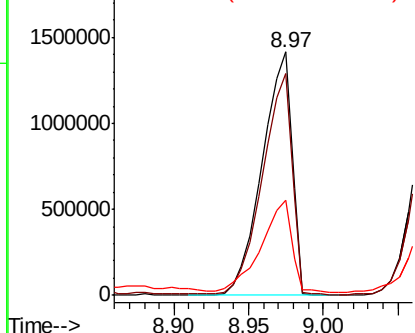
#37
 2-Methylnaphthalene
 Concen: 316.419 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.03 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1945832
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.4 107.2
 115 39.2 28.7 43.1

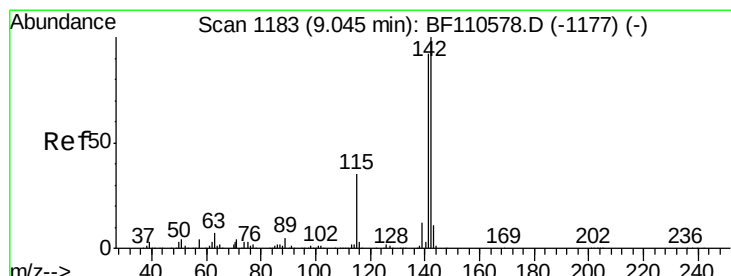


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

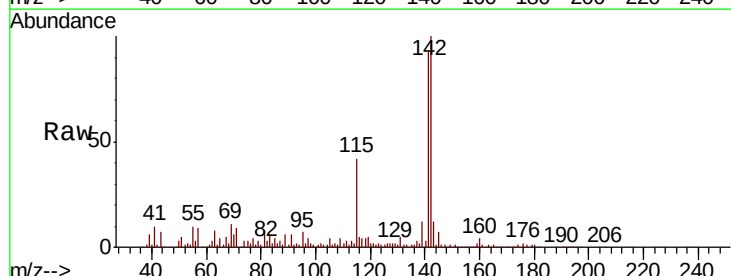
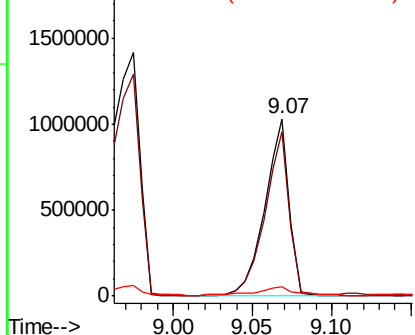


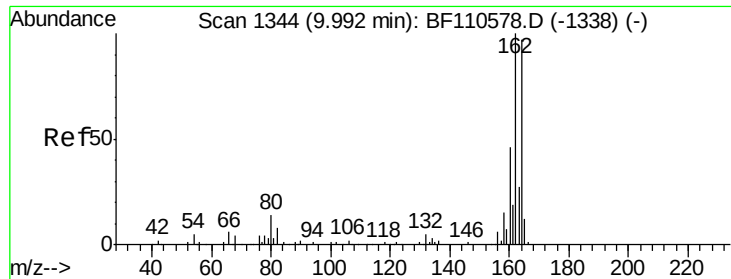
#38
 1-Methylnaphthalene
 Concen: 184.232 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.02 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Tgt Ion:142 Resp: 1089561
 Ion Ratio Lower Upper
 142 100
 141 92.8 74.2 111.4
 116 5.1 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

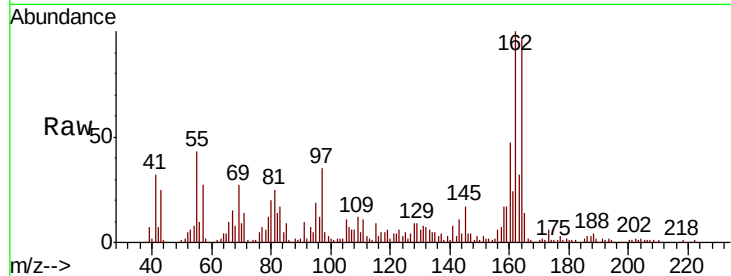
Tot Ion:164 Resp: 151810

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

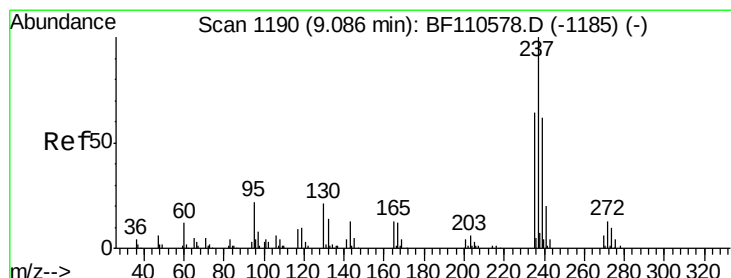
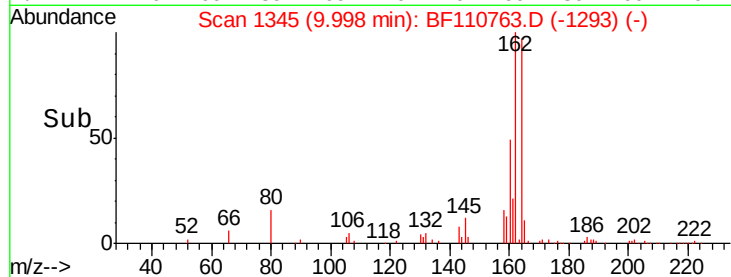
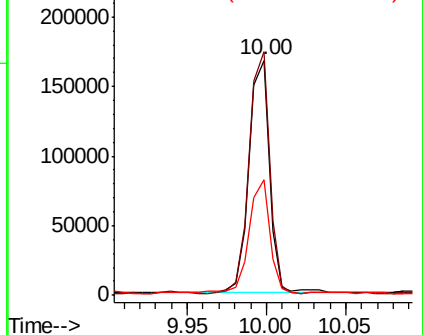
160 49.1 37.0 55.6



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



#41

Hexachlorocyclopentadiene

Concen: 7.852 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.15 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

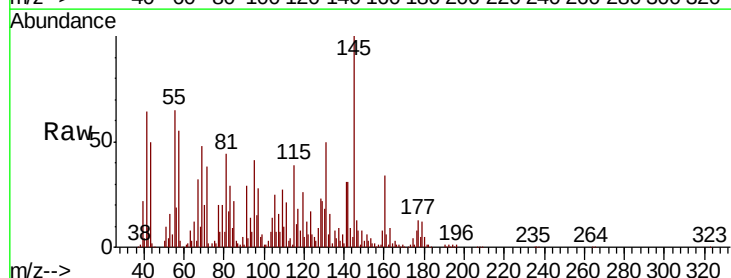
Tgt Ion:237 Resp: 474

Ion Ratio Lower Upper

237 100

235 45.9 43.1 83.1

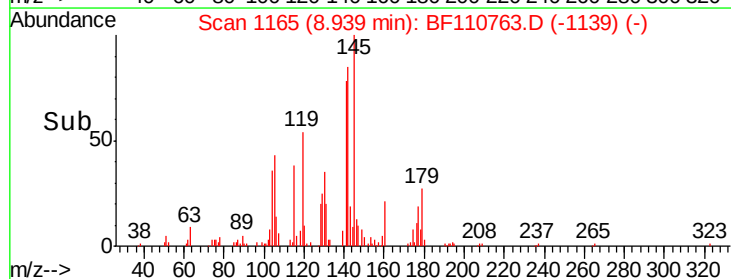
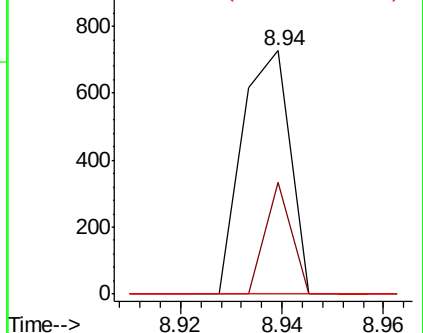
272 0.0 0.0 32.6

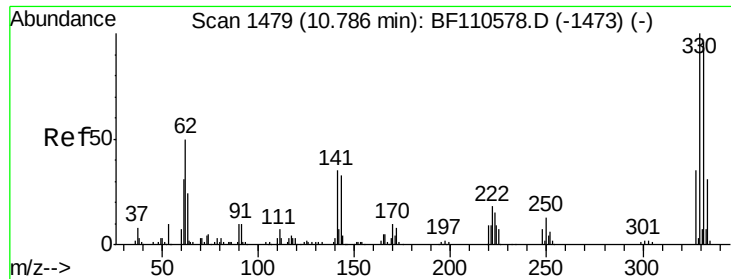


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

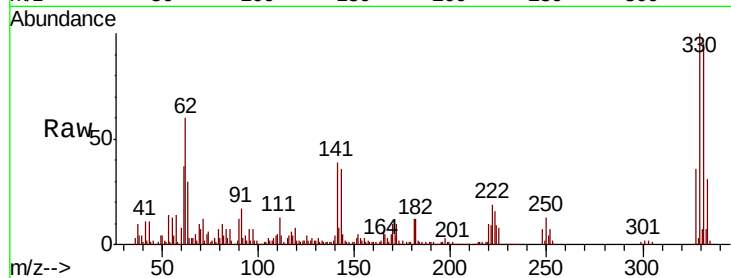




#42
 2,4,6-Tribromophenol
 Concen: 131.483 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	37.4	27.0	40.4

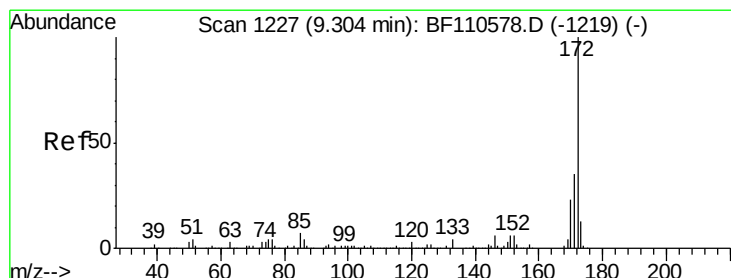
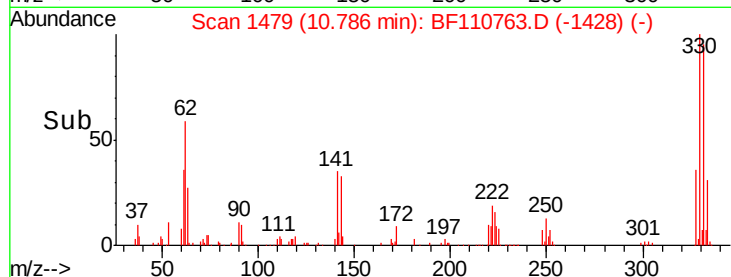
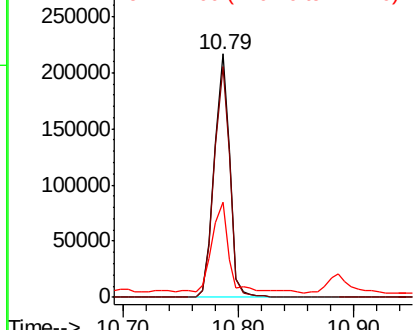


Abundance

Ion 329.80 (329.50 to 330.50): E

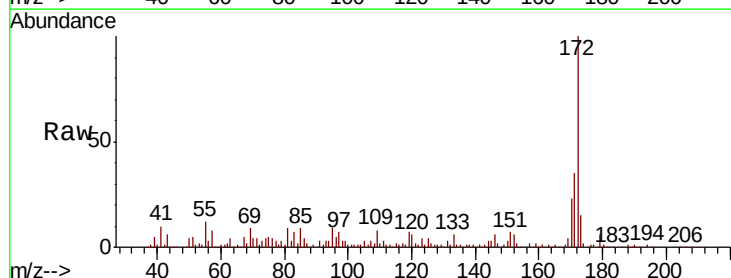
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.656 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.2	19.7	29.5

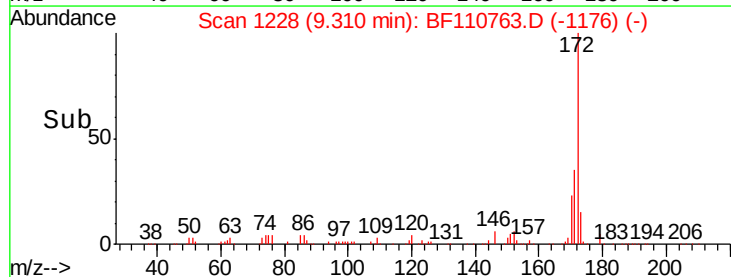
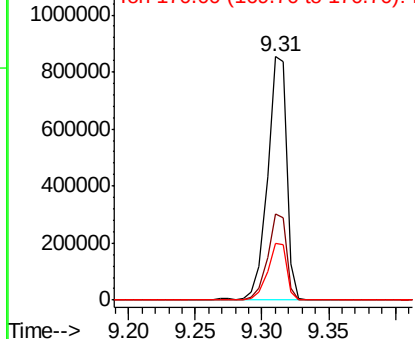


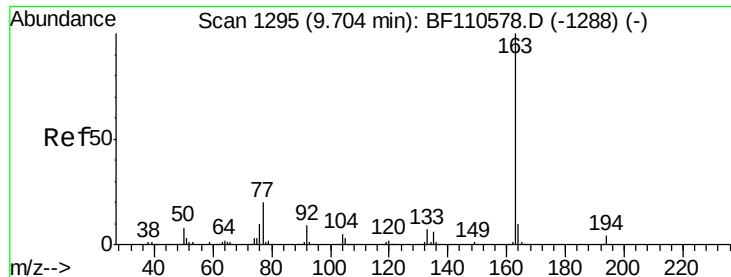
Abundance

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

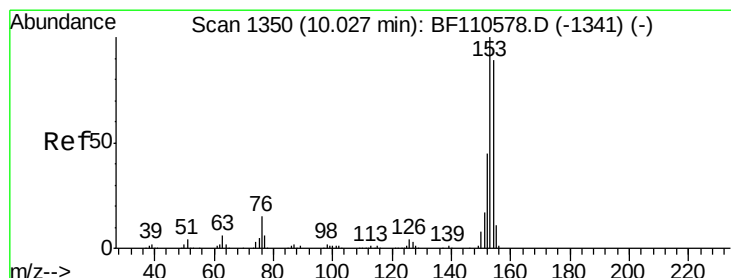
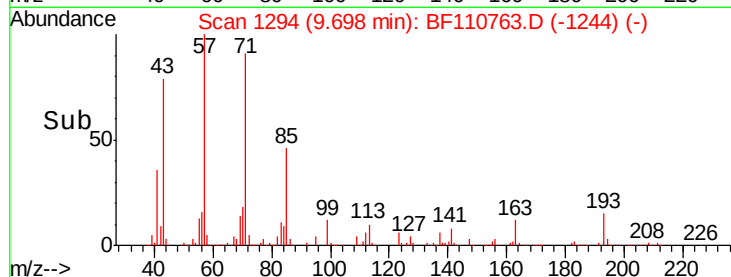
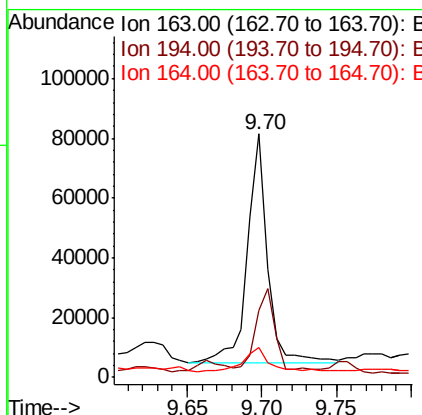
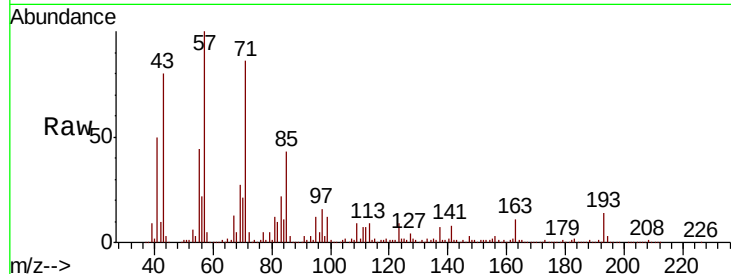




#50
Dimethylphthalate
Concen: 6.201 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

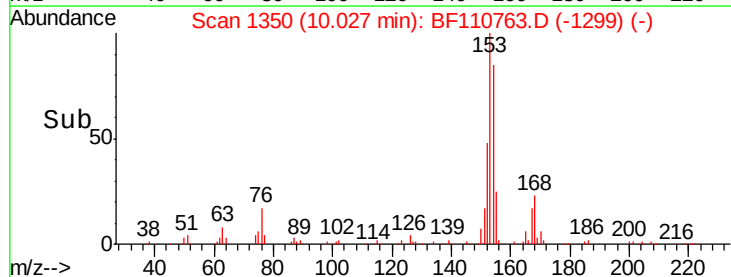
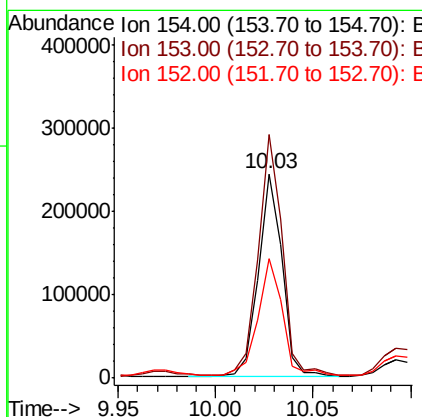
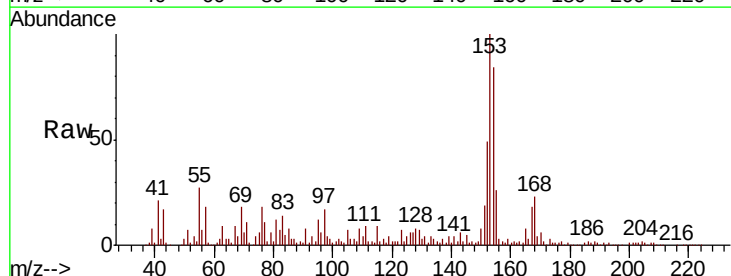
Instrument :
BNA_F
ClientSampleId :

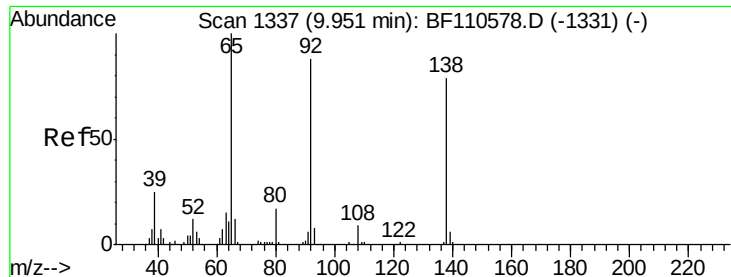
Tot Ion:163 Resp: 70243
Ion Ratio Lower Upper
163 100
194 27.4 3.2 4.8#
164 12.5 8.1 12.1#



#52
Acenaphthene
Concen: 21.990 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion:154 Resp: 204189
Ion Ratio Lower Upper
154 100
153 119.0 90.1 135.1
152 58.4 43.4 65.2

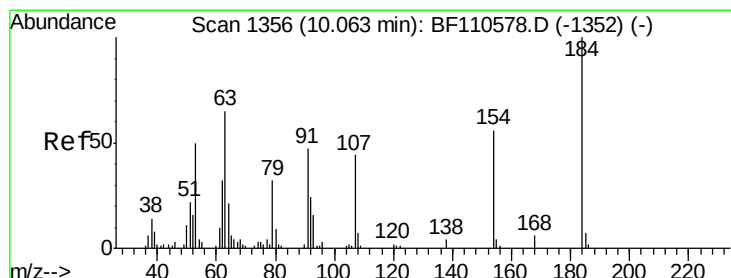
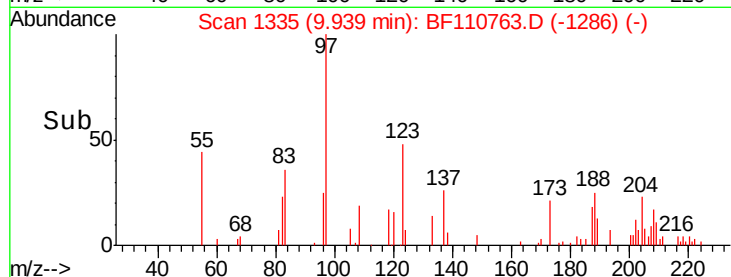
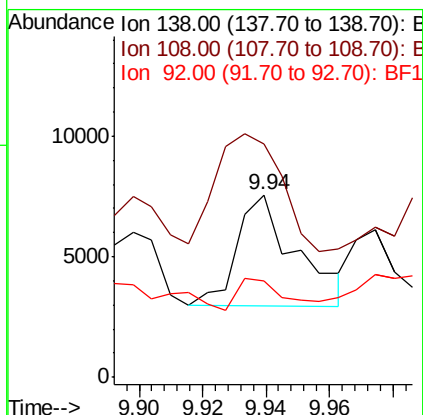
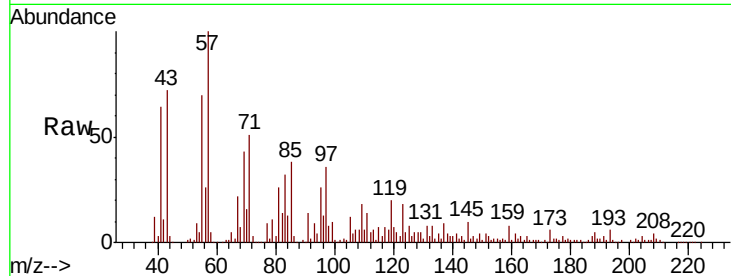




#53
 3-Nitroaniline
 Concen: 2.039 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

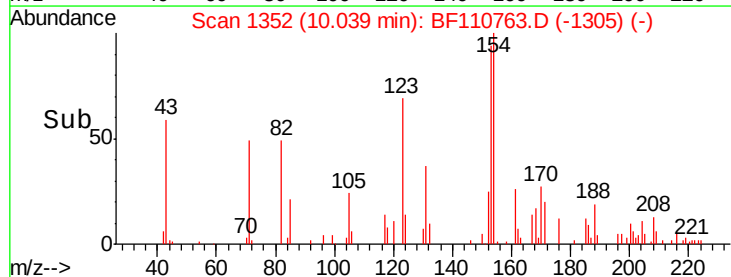
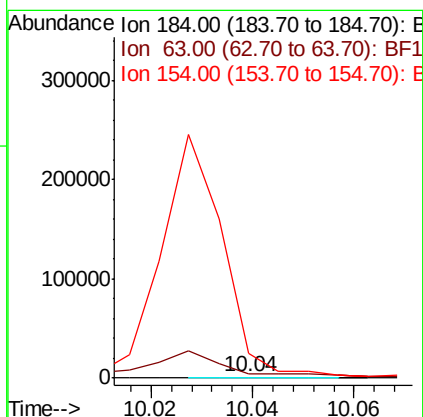
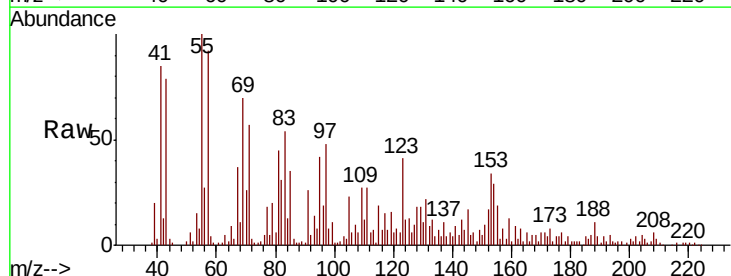
Instrument :
 BNA_F
 ClientSampleId :

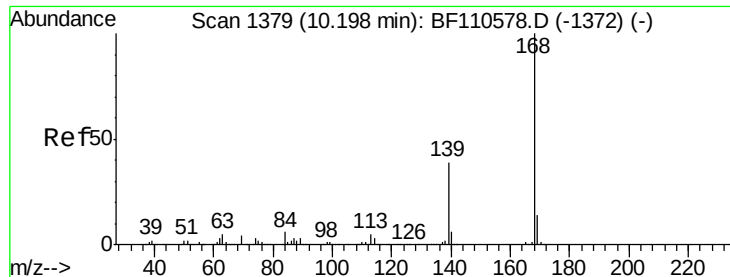
Tot Ion:138 Resp: 5887
 Ion Ratio Lower Upper
 138 100
 108 128.1 8.7 13.1#
 92 52.7 97.0 145.4#



#54
 2,4-Dinitrophenol
 Concen: 5.059 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Tgt Ion:184 Resp: 377
 Ion Ratio Lower Upper
 184 100
 63 1067.1 55.8 83.6#
 154 6528.5 63.2 94.8#

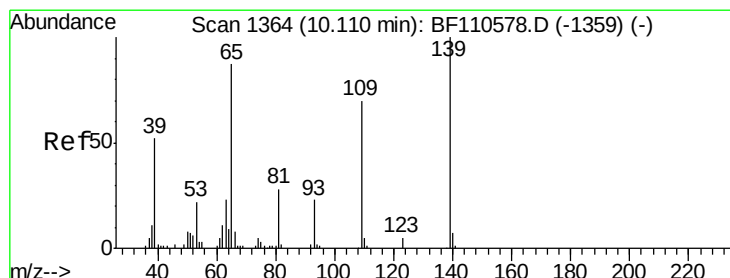
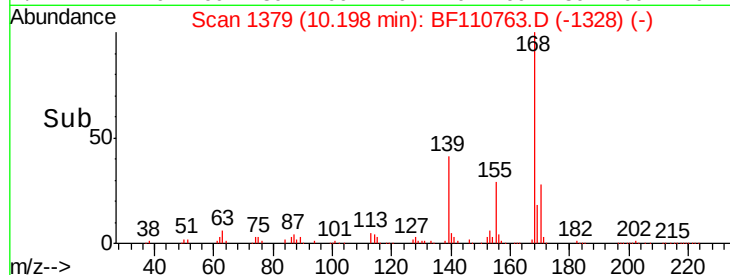
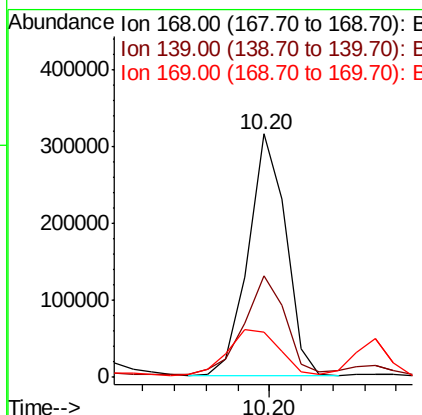
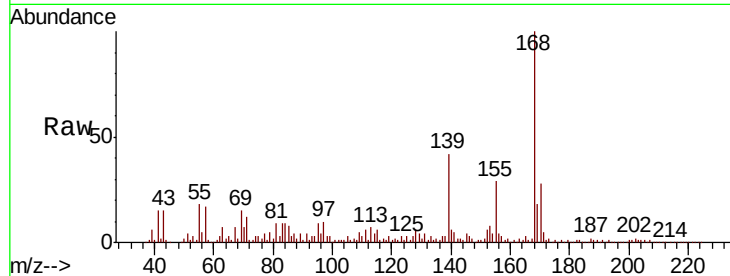




#55
Dibenzo(furan)
Concen: 19.165 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

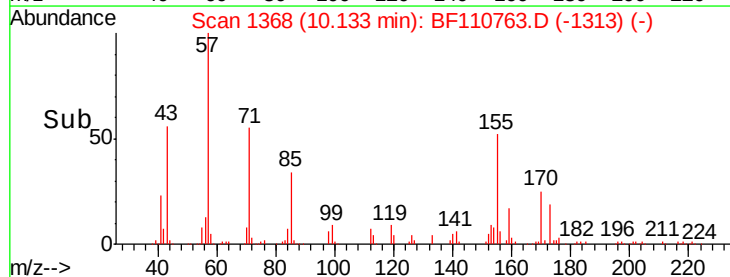
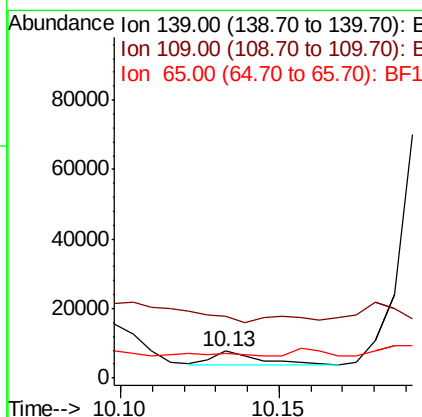
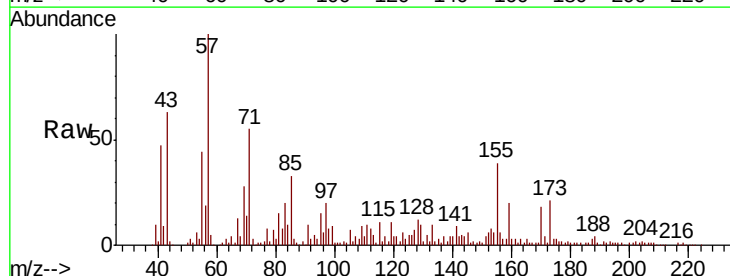
Instrument :
BNA_F
ClientSampleId :

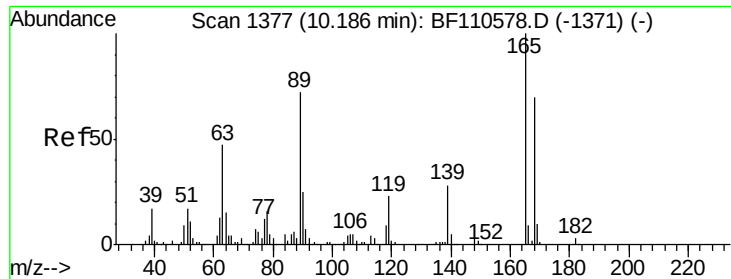
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	33.0	49.6
169	18.4	11.3	16.9#



#56
4-Nitrophenol
Concen: 2.227 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	226.6	55.8	95.8#
65	93.4	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 3.211 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 10404

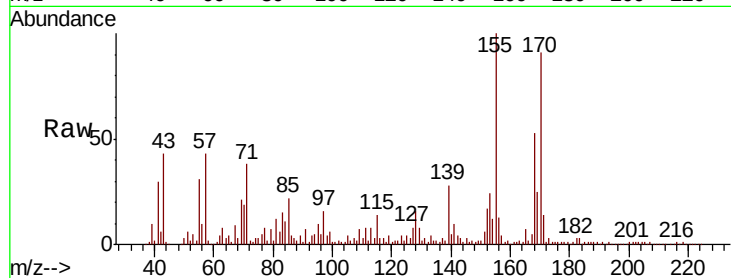
Ion Ratio Lower Upper

165 100

63 122.9 44.8 67.2#

89 56.8 62.2 93.4#

182 51.2 2.1 3.1#

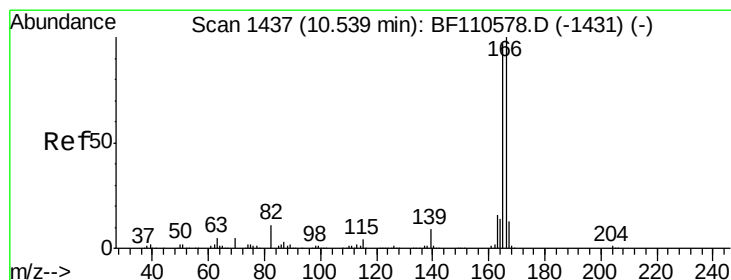
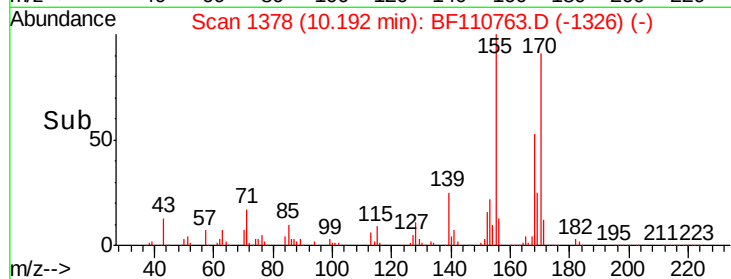
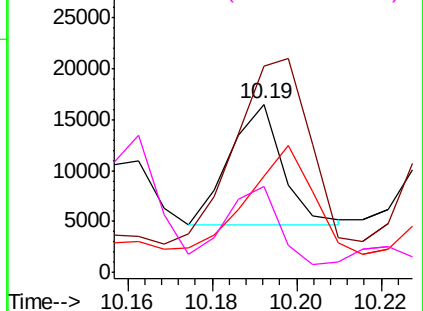


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 16.136 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

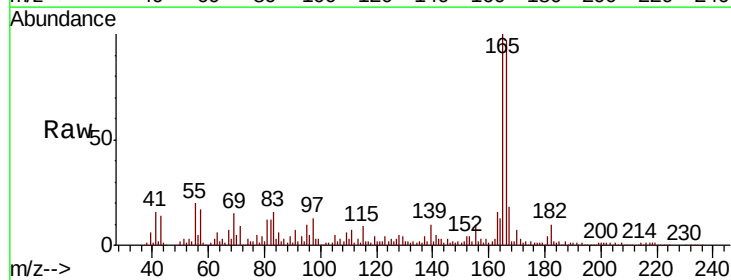
Tgt Ion:166 Resp: 168378

Ion Ratio Lower Upper

166 100

165 102.6 78.6 117.8

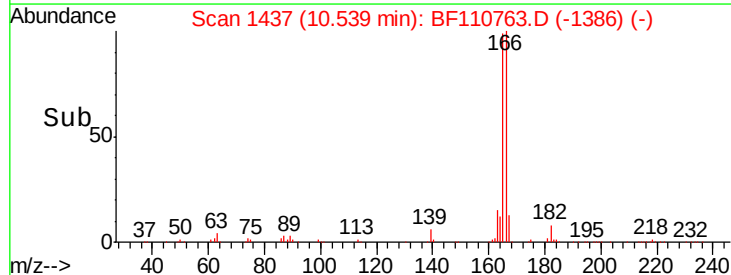
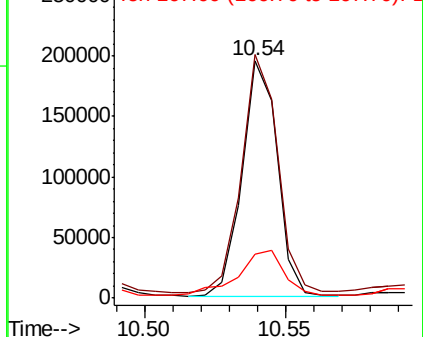
167 18.5 10.8 16.2#

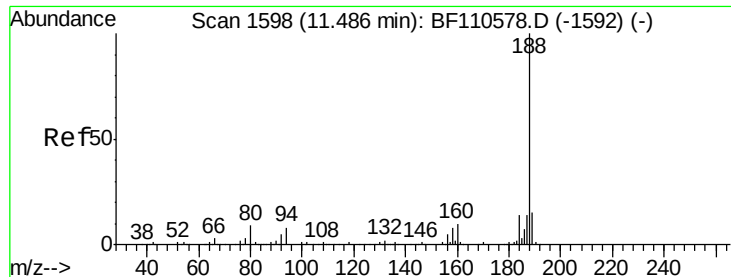


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

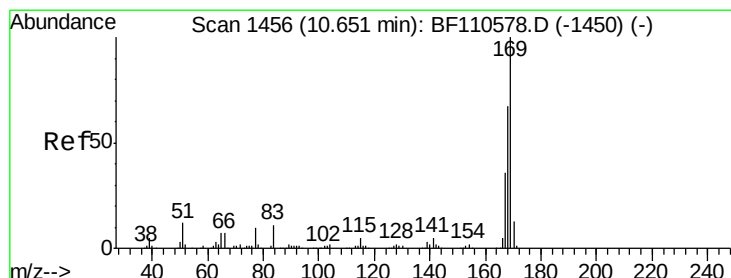
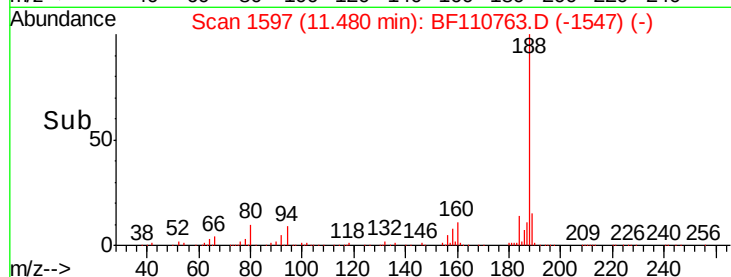
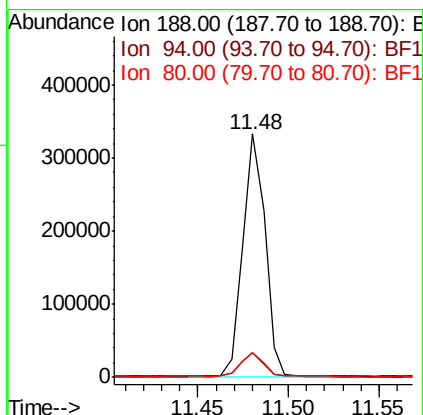
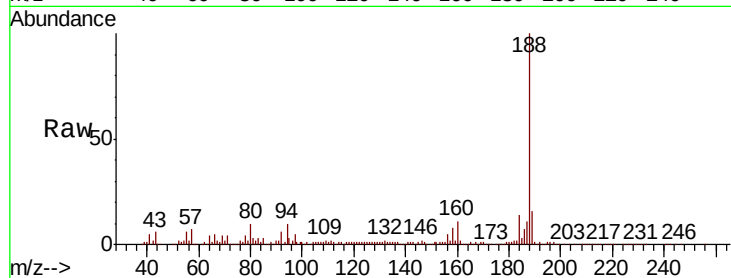




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

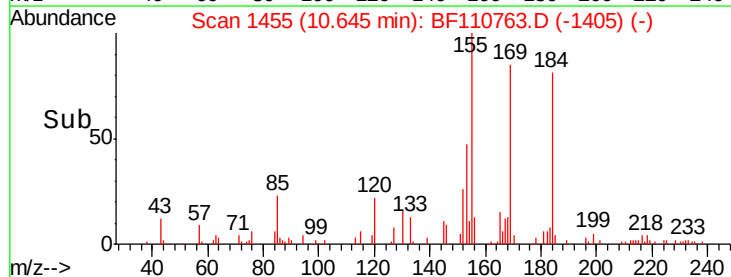
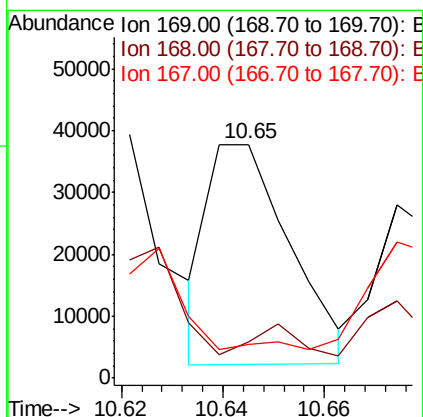
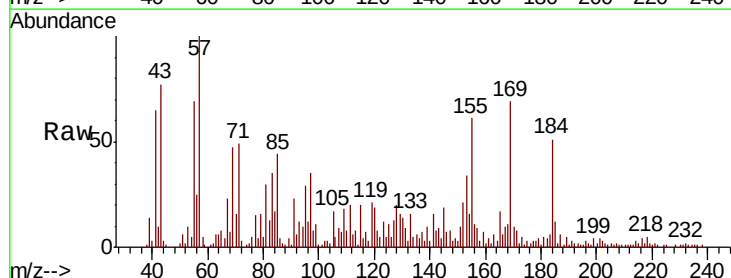
Instrument :
BNA_F
ClientSampleId :

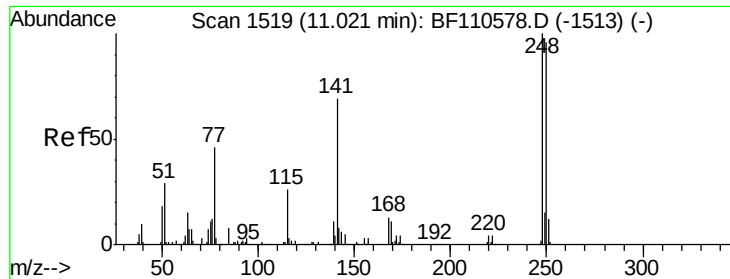
Tot Ion:188 Resp: 287663
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.1 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 4.126 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion:169 Resp: 40010
Ion Ratio Lower Upper
169 100
168 15.6 51.2 76.8#
167 14.4 27.8 41.6#

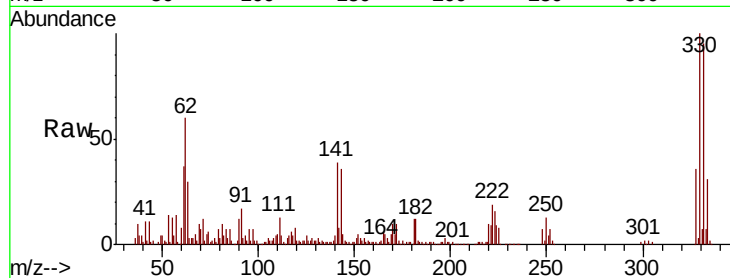




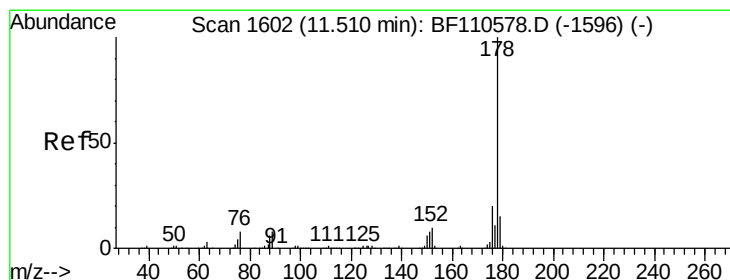
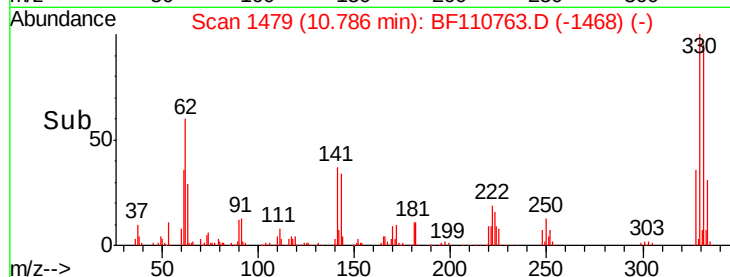
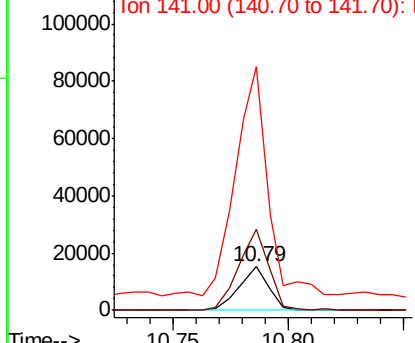
#67
4-Bromophenyl-phenylether
Concen: 4.291 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13641
Ion Ratio Lower Upper
248 100
250 186.4 79.4 119.2#
141 557.2 55.9 83.9#

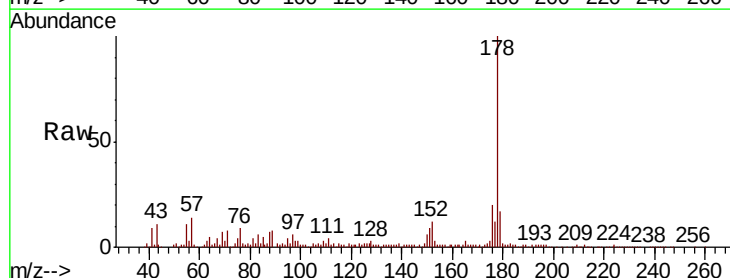


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

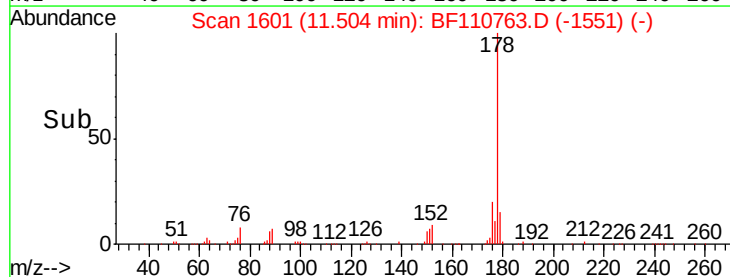
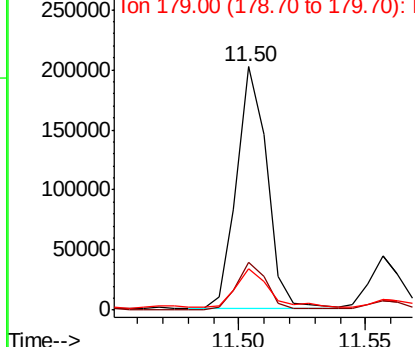


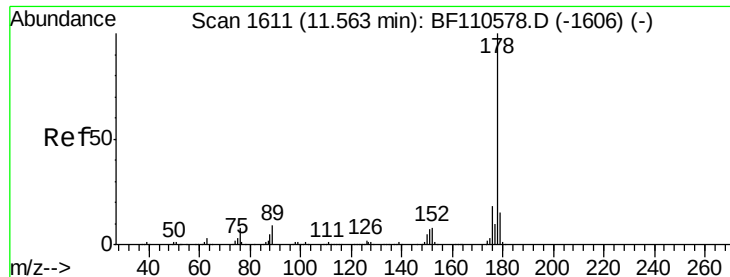
#71
Phenanthrene
Concen: 10.850 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion:178 Resp: 167217
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 10.756 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.06 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampleId :

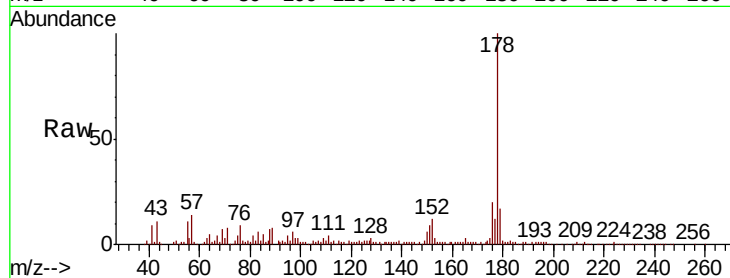
Tot Ion:178 Resp: 167217

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

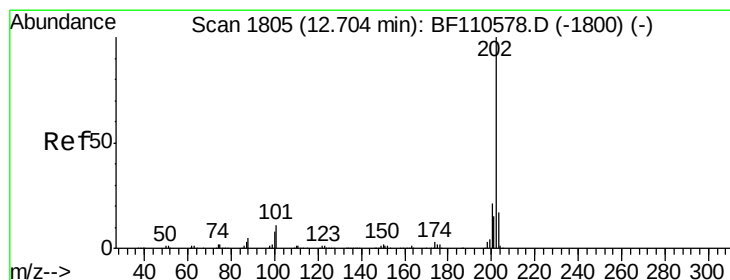
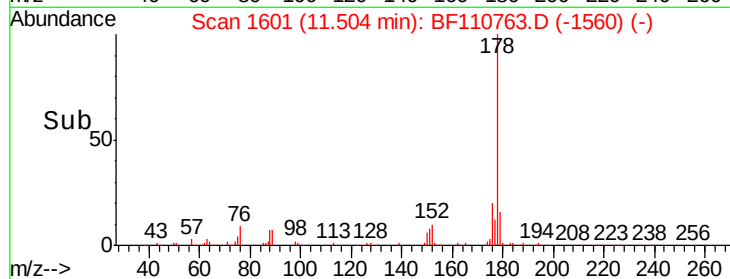
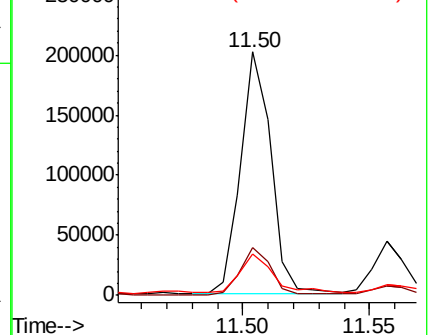
179 16.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.978 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

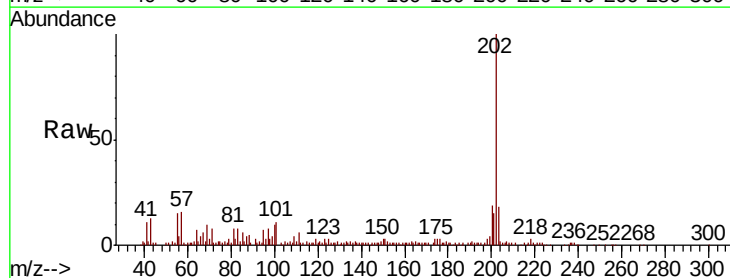
Tgt Ion:202 Resp: 92371

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

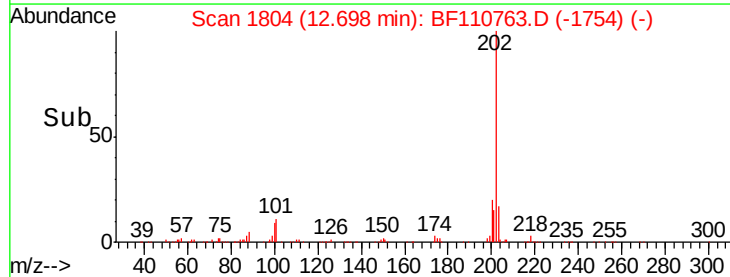
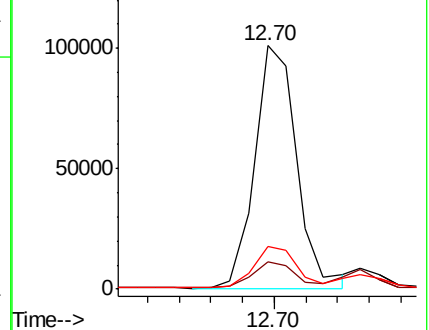
203 17.5 0.0 37.7

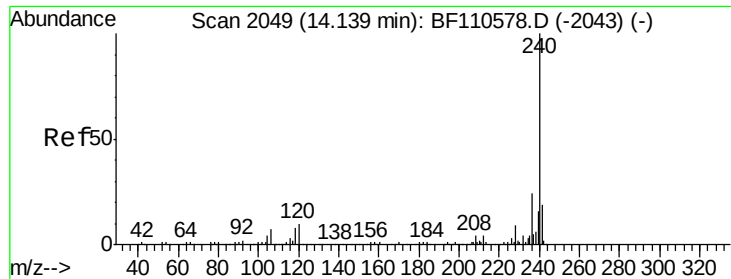


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

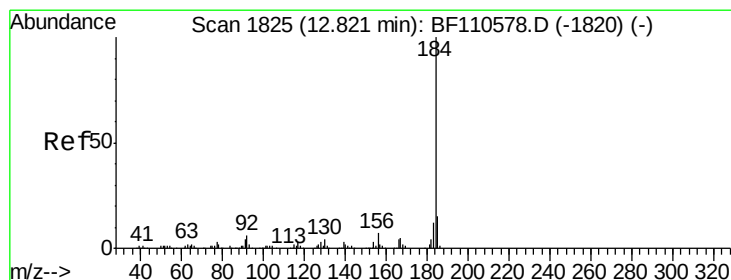
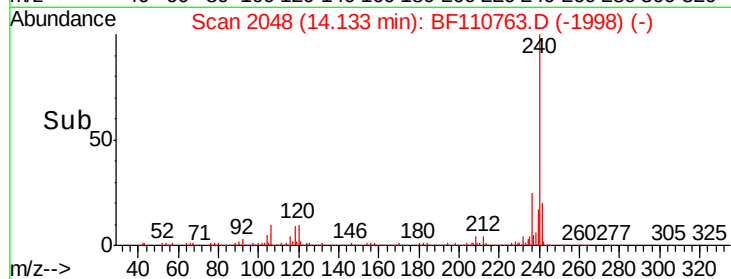
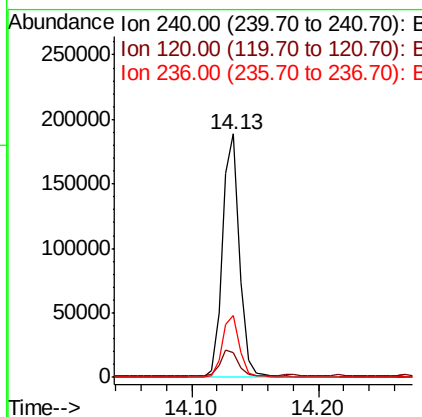
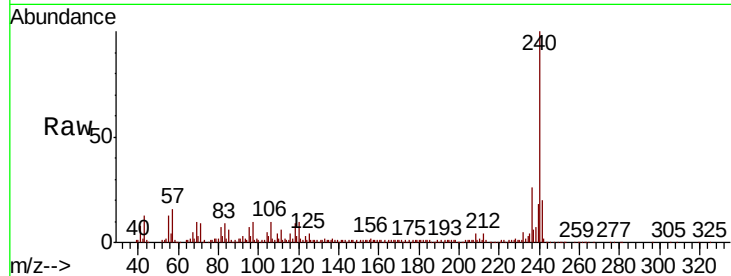




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

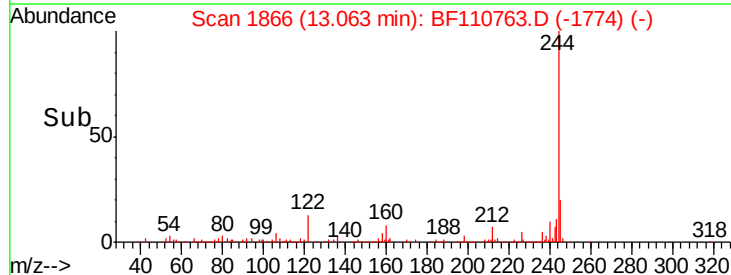
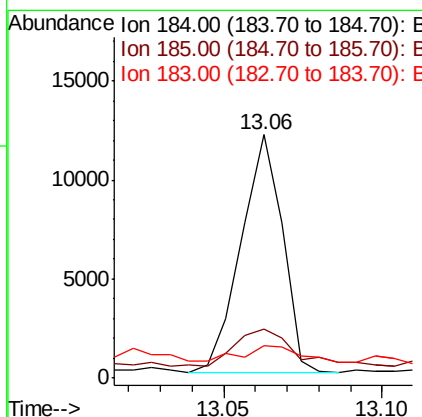
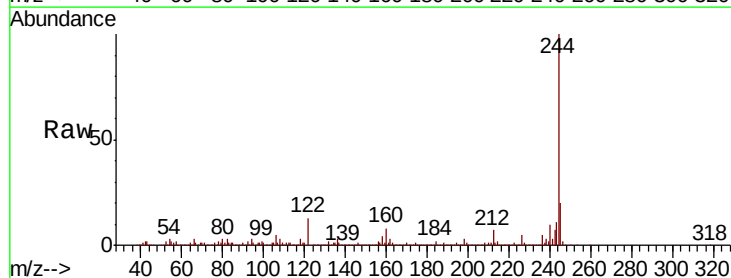
Instrument :
 BNA_F
 ClientSampled :

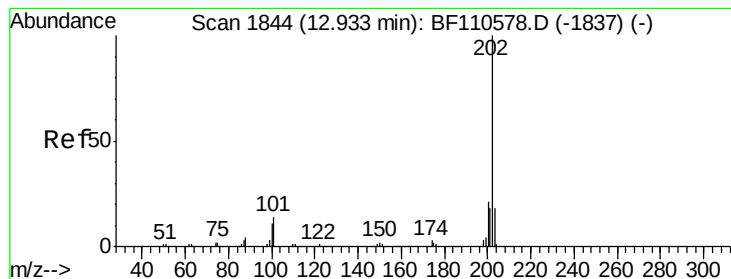
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	25.6	21.2	31.8



#77
 Benzidine
 Concen: 2.232 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.24 min
 Lab File: BF110763.D
 Acq: 14 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	20.2	13.4	20.2
183	13.2	9.4	14.2





#78

Pvrene

Concen: 5.758 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

Instrument :

BNA_F

ClientSampled :

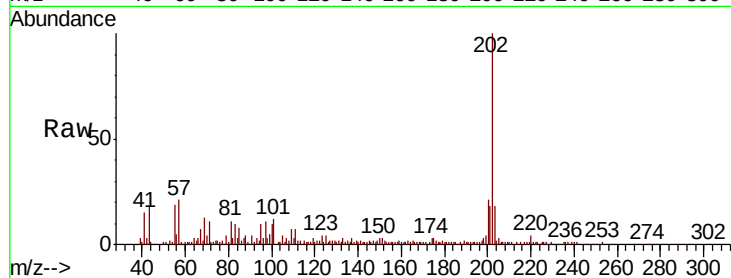
Tot Ion:202 Resp: 78261

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

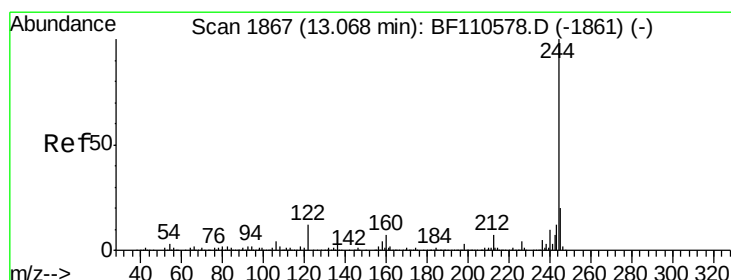
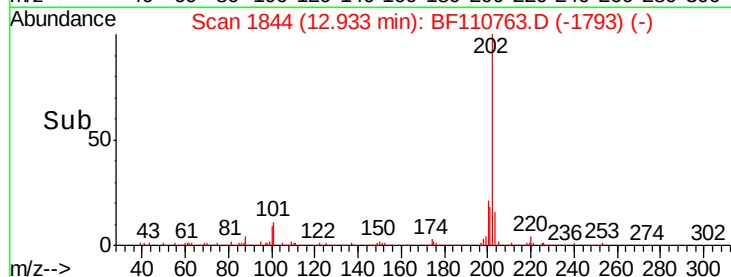
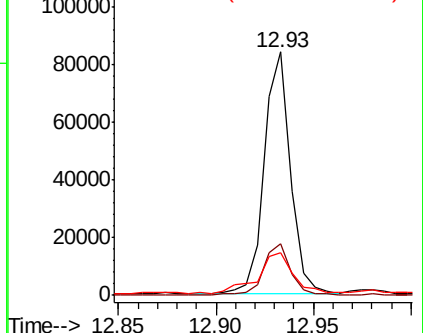
203 17.6 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 82.138 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110763.D

Acq: 14 Nov 2018 14:44

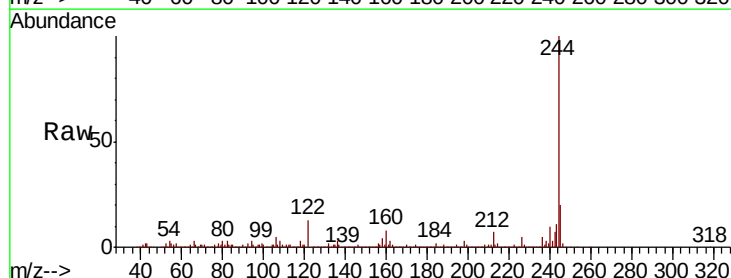
Tgt Ion:244 Resp: 774159

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

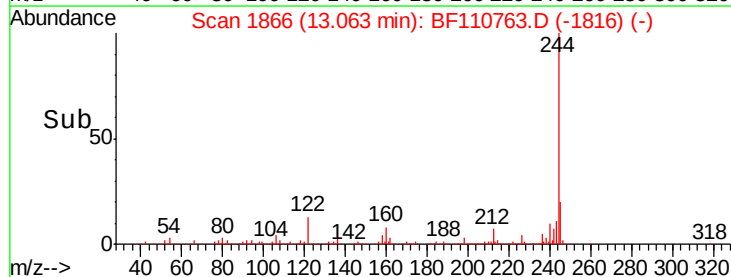
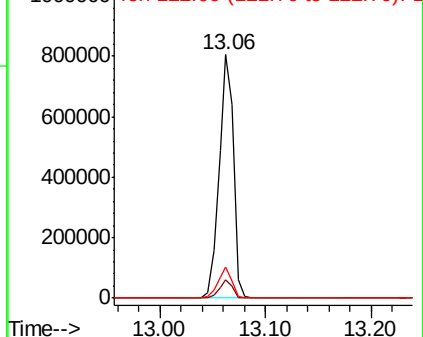
122 13.0 8.7 13.1

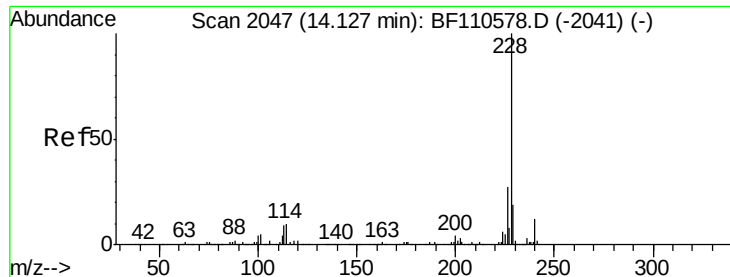


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

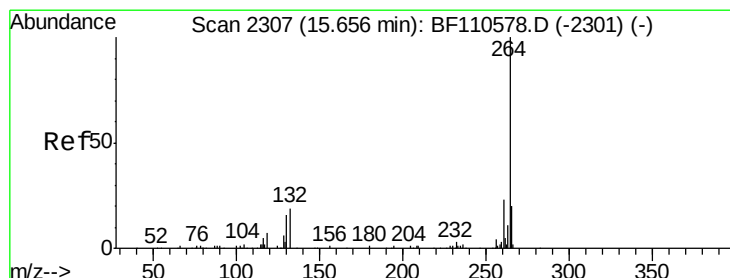
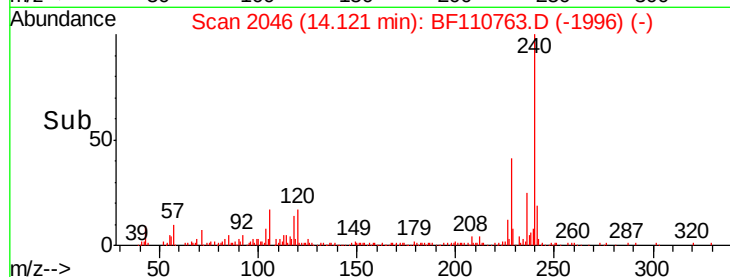
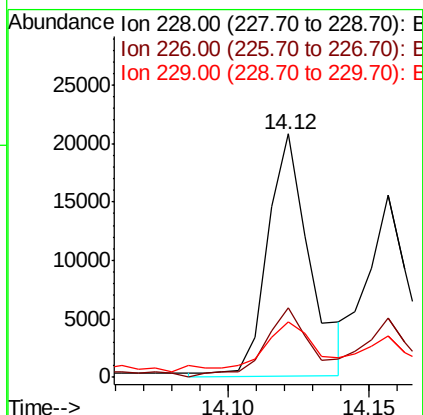
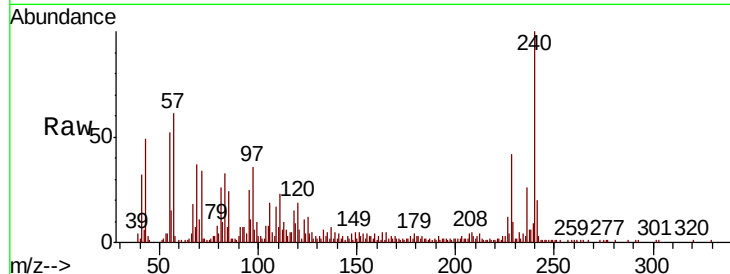




#81
Benzo(a)anthracene
Concen: 2.035 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

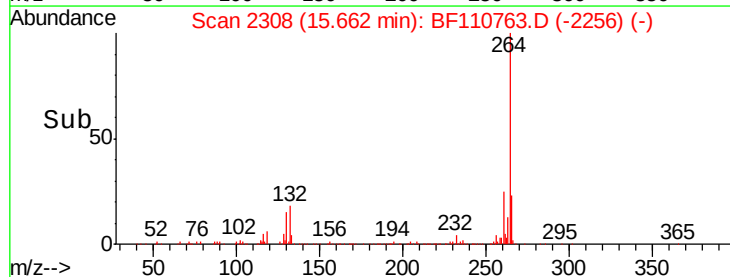
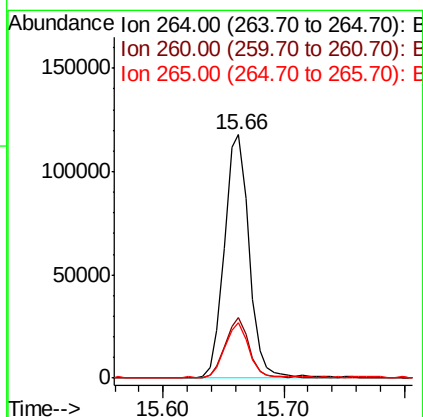
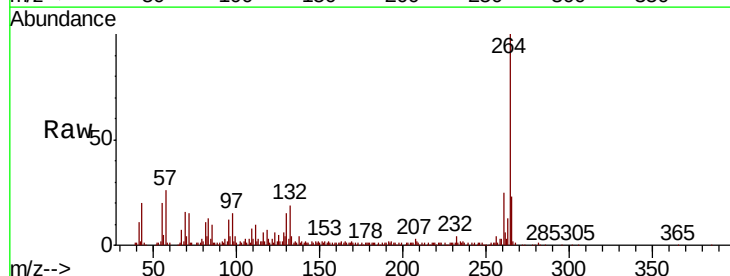
Instrument :
BNA_F
ClientSampled :

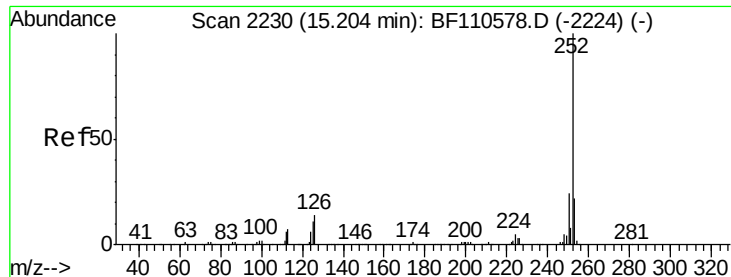
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	22.8	15.6	23.4



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.7	28.1
265	22.8	16.7	25.1

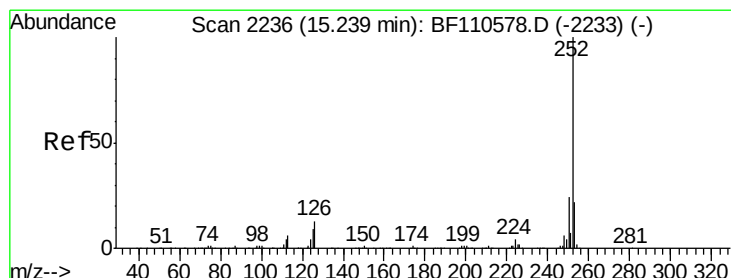
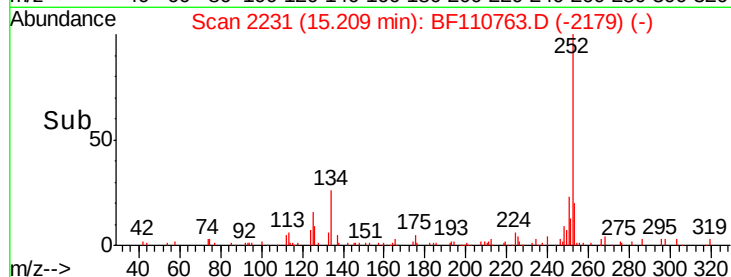
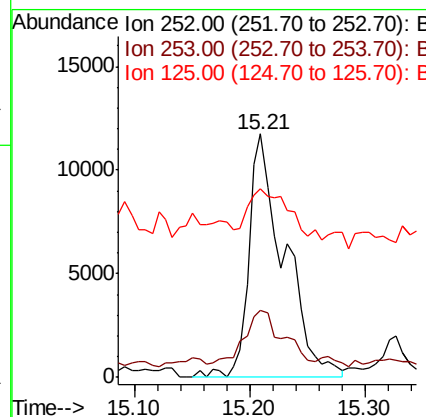
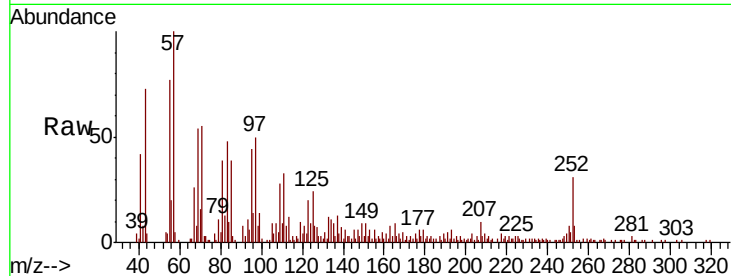




#88
Benzo(b)fluoranthene
Concen: 2.483 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 24989
Ion Ratio Lower Upper
252 100
253 27.3 17.2 25.8#
125 77.6 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.513 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110763.D
Acq: 14 Nov 2018 14:44

Tgt Ion:252 Resp: 24989
Ion Ratio Lower Upper
252 100
253 27.3 17.2 25.8#
125 77.6 7.4 11.0#

