

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118973.D
 Acq On : 20 Feb 2020 22:12
 Operator : CG/JU
 Sample : L1546-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 02:12:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	208886	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	785631	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	418675	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	706473	20.00	ng	0.00
76) Chrysene-d12	13.90	240	497944	20.00	ng	0.00
87) Perylene-d12	15.33	264	496113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1274299	101.95	ng	0.01
7) Phenol-d6	6.40	99	1564281	102.90	ng	0.00
23) Nitrobenzene-d5	7.32	82	1035418	69.59	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	515232	94.07	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1744690	61.39	ng	0.00
79) Terphenyl-d14	12.86	244	1641215	56.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	347	0.062	ng	# 73
6) Aniline	6.41	93	619	0.033	ng	# 1
9) Benzaldehyde	6.31	77	109	0.011	ng	# 1
10) Phenol	6.41	94	15030	0.914	ng	# 14
11) bis(2-Chloroethyl)ether	6.41	93	619	0.049	ng	# 1
12) 1,3-Dichlorobenzene	6.77	146	465	0.029	ng	# 1
13) 1,4-Dichlorobenzene	6.77	146	465	0.029	ng	# 37
14) 1,2-Dichlorobenzene	6.77	146	465	0.032	ng	# 42
15) Benzyl Alcohol	6.92	79	17802	1.620	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.29	45	109	0.010	ng	# 52
17) 2-Methylphenol	6.91	107	388	0.035	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	143790	16.233	ng	# 76
20) 3+4-Methylphenols	6.91	107	388	0.029	ng	# 1
22) Acetophenone	7.17	105	589	0.032	ng	# 53
24) Nitrobenzene	7.32	77	3420	0.232	ng	# 29
25) Isophorone	7.32	82	1032326	39.949	ng	# 63
28) bis(2-Chloroethoxy)methane	8.04	93	117	0.007	ng	# 1
31) Naphthalene	8.06	128	2684	0.066	ng	# 80
32) Benzoic acid	8.04	122	154	6.697	ng	# 1
33) 4-Chloroaniline	8.06	127	310	0.018	ng	# 23
37) 2-Methylnaphthalene	8.85	142	1251	0.046	ng	# 88
38) 1-Methylnaphthalene	8.85	142	1251	0.049	ng	# 90
46) 1,1'-Biphenyl	9.22	154	5623	0.166	ng	# 93
47) 2-Chloronaphthalene	9.50	162	139	0.005	ng	# 1
48) 2-Nitroaniline	9.23	65	126	0.017	ng	# 1
49) Acenaphthylene	9.65	152	6428	0.163	ng	# 98
50) Dimethylphthalate	9.50	163	97461	3.044	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	54131	7.610	ng	# 30
52) Acenaphthene	9.82	154	3138	0.132	ng	# 96
55) Dibenzofuran	10.00	168	1419	0.040	ng	# 74
56) 4-Nitrophenol	9.99	139	553	0.117	ng	# 10
57) 2,4-Dinitrotoluene	9.79	165	54131	5.871	ng	# 29
58) Fluorene	10.34	166	3194	0.116	ng	# 88
60) Diethylphthalate	10.21	149	647	0.021	ng	# 58

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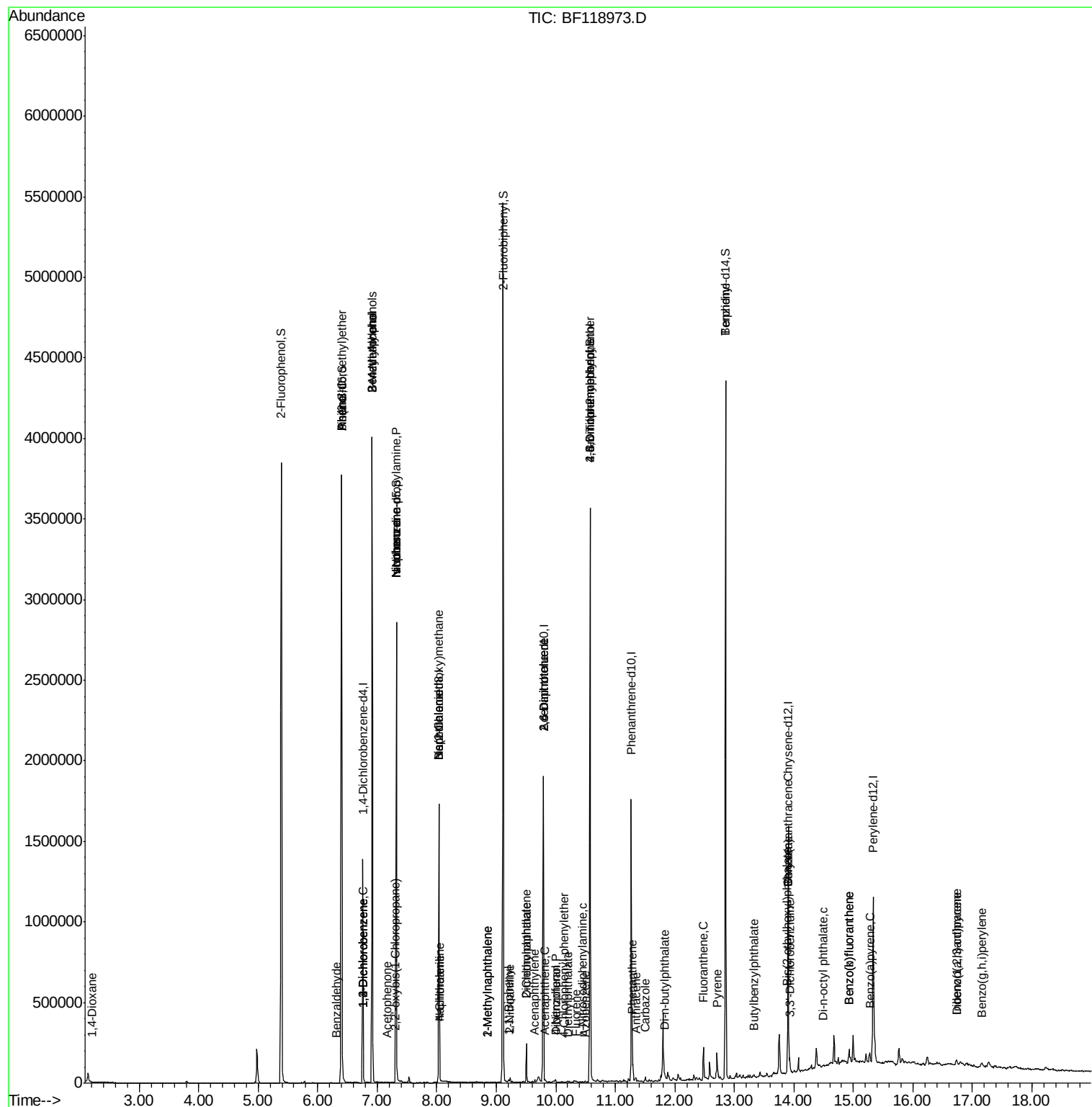
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Chlorophenyl-phenylether	10.13	204	117	0.008	nq	# 27
63) Azobenzene	10.50	77	741	0.028	nq	# 1
65) 4,6-Dinitro-2-methylphenol	10.58	198	1028	0.240	nq	# 1
66) n-Nitrosodiphenylamine	10.45	169	545	0.024	nq	# 82
67) 4-Bromophenyl-phenylether	10.58	248	33185	3.594	nq	# 1
71) Phenanthrene	11.29	178	46915	1.218	nq	99
72) Anthracene	11.35	178	9117	0.237	nq	98
73) Carbazole	11.50	167	5445	0.159	nq	97
74) Di-n-butylphthalate	11.83	149	5735	0.138	nq	# 91
75) Fluoranthene	12.48	202	72893	1.782	nq	99
77) Benzidine	12.86	184	20618	1.018	nq	# 93
78) Pyrene	12.71	202	71721	1.794	nq	98
80) Butylbenzylphthalate	13.33	149	1457	0.087	nq	# 88
81) Benzo(a)anthracene	13.89	228	33870	0.998	nq	98
82) 3,3'-Dichlorobenzidine	13.94	252	423	0.032	nq	# 1
83) Chrysene	13.89	228	33870	1.002	nq	95
84) Bis(2-ethylhexyl)phthalate	13.89	149	8214	0.386	nq	94
85) Di-n-octyl phthalate	14.49	149	1038	0.031	nq	# 1
86) Indeno(1,2,3-cd)pyrene	16.73	276	17651	0.539	nq	98
88) Benzo(b)fluoranthene	14.93	252	54593	1.669	nq	# 94
89) Benzo(k)fluoranthene	14.93	252	54593	1.801	nq	# 93
90) Benzo(a)pyrene	15.27	252	28760	0.974	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	5654	0.218	nq	# 73
92) Benzo(g,h,i)perylene	17.15	276	22144	0.863	nq	96

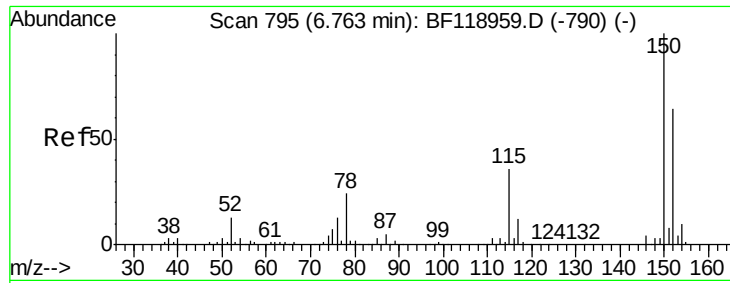
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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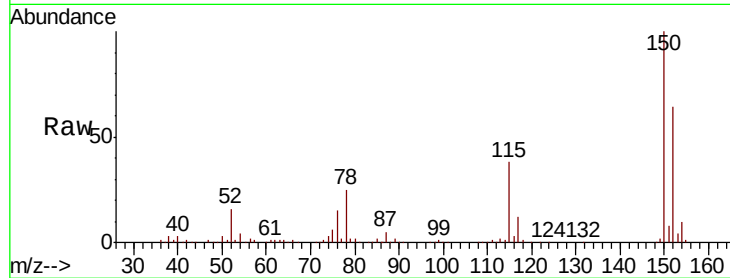


#1

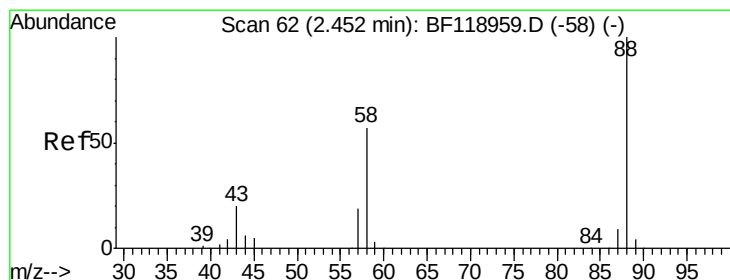
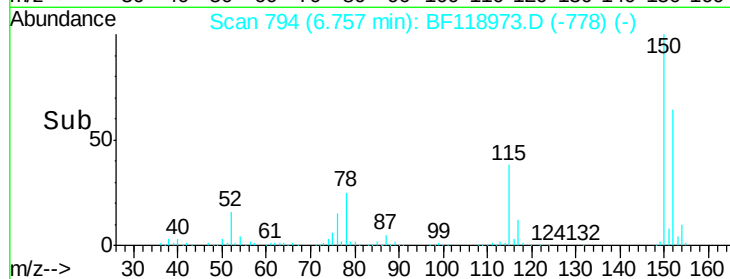
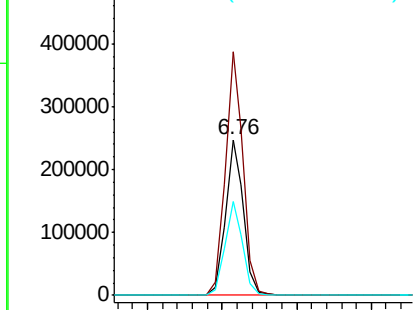
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	60.1	44.6	67.0



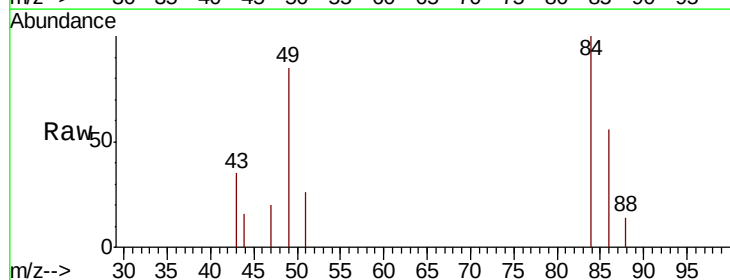
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



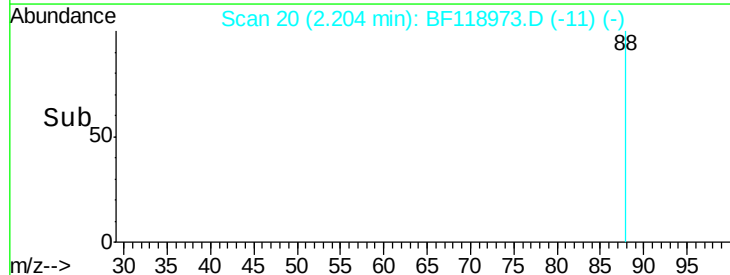
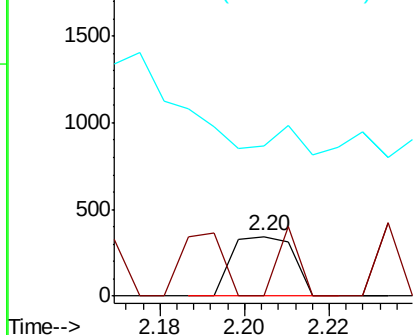
#2

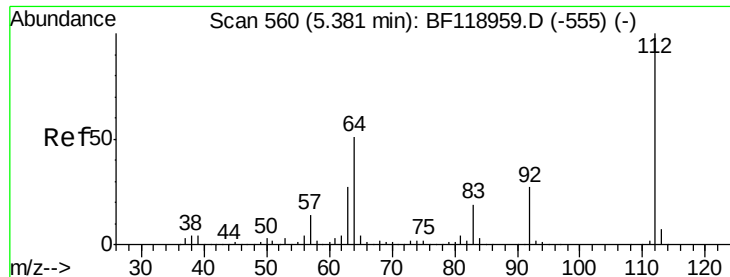
1,4-Dioxane
Concen: 0.062 ng
RT: 2.20 min Scan# 20
Delta R.T. -0.25 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	40.3	44.6	66.8#
43	0.0	16.0	24.0#



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: 101.949 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampled :

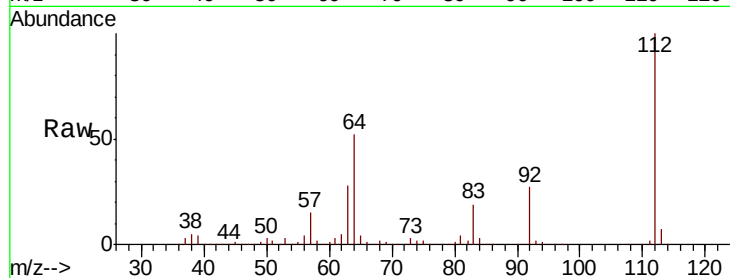
Tot Ion:112 Resp: 1274299

Ion Ratio Lower Upper

112 100

64 51.7 40.4 60.6

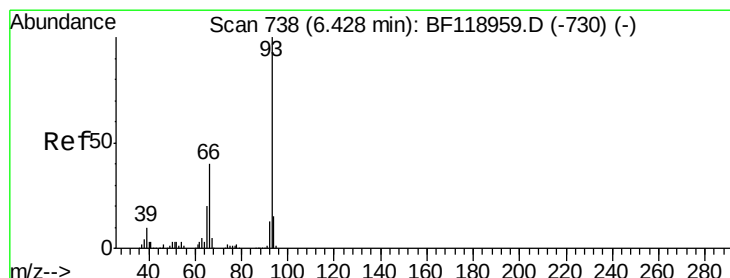
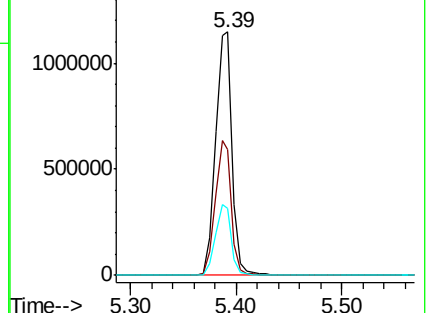
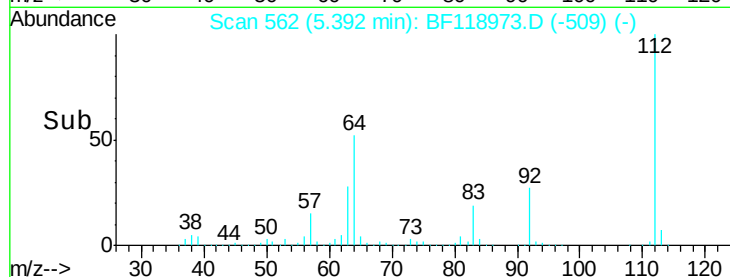
63 27.7 21.3 31.9



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



#6

Aniline

Concen: 0.033 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

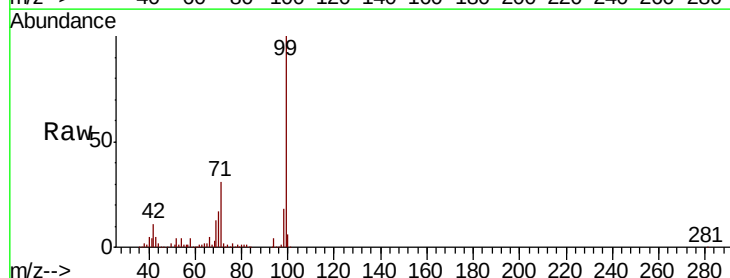
Tgt Ion: 93 Resp: 619

Ion Ratio Lower Upper

93 100

66 3927.3 32.2 48.2#

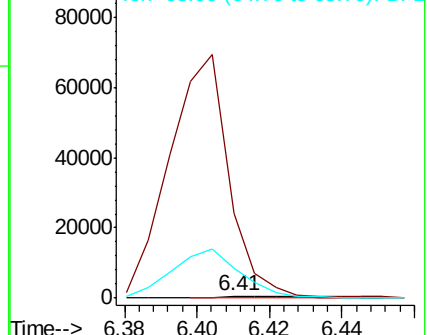
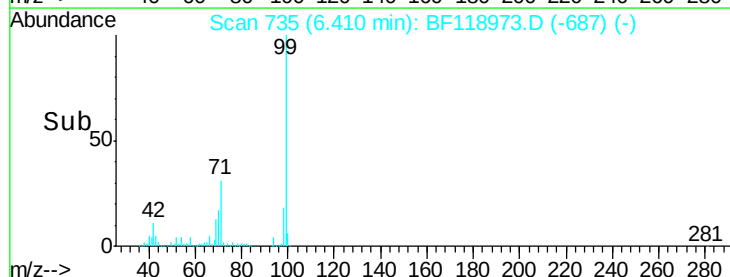
65 1372.1 16.1 24.1#

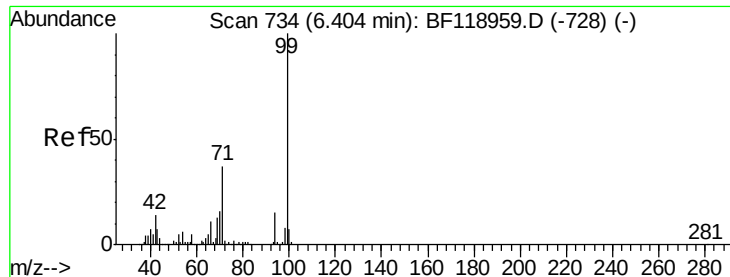


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.903 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

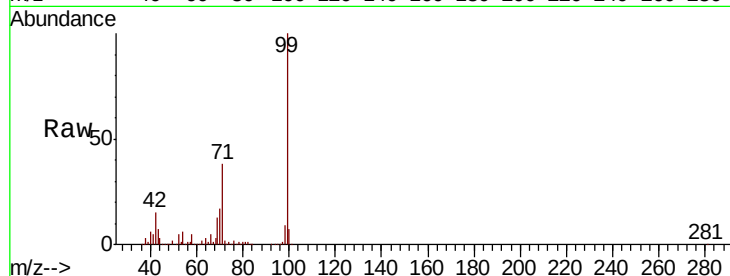
Tot Ion: 99 Resp: 1564281

Ion Ratio Lower Upper

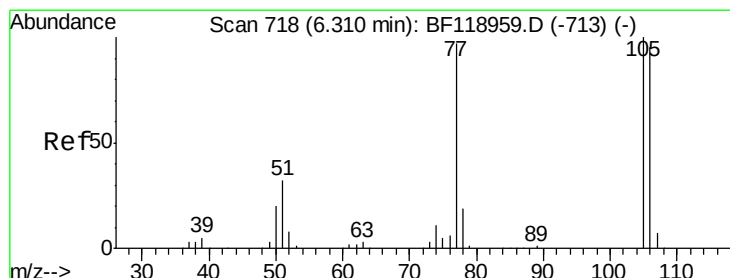
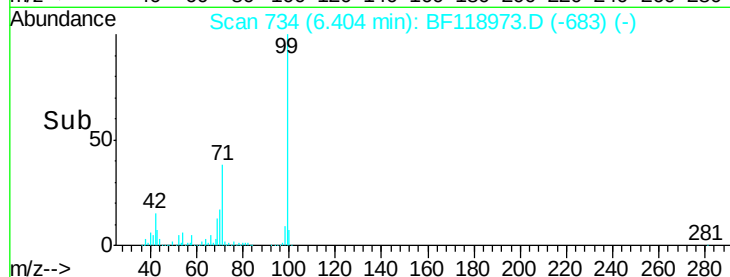
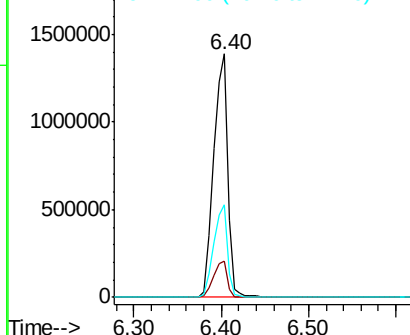
99 100

42 14.8 11.4 17.0

71 38.1 29.8 44.6



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: 0.011 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

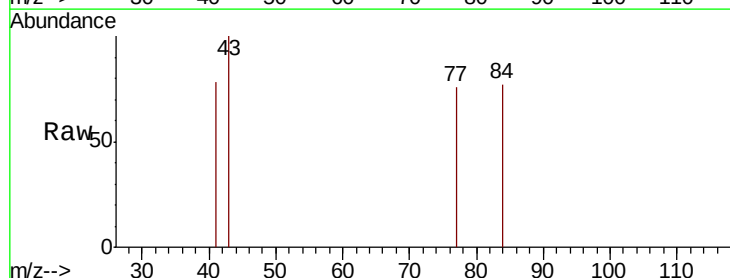
Tgt Ion: 77 Resp: 109

Ion Ratio Lower Upper

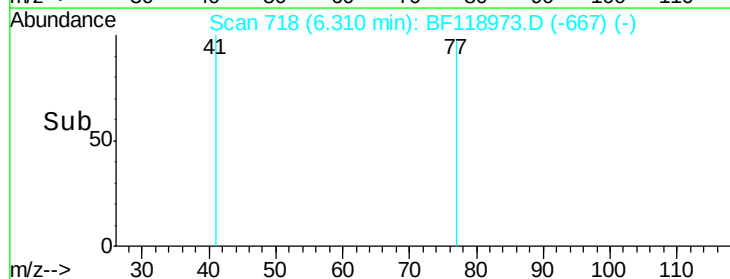
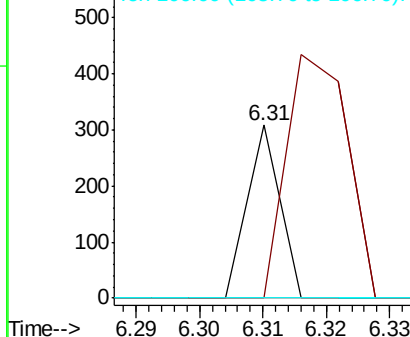
77 100

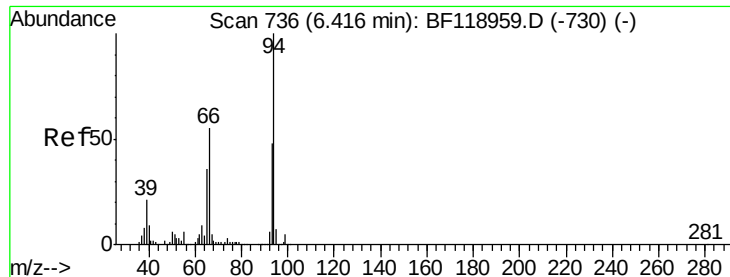
105 0.0 83.0 123.0#

106 0.0 78.3 118.3#



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: 0.914 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

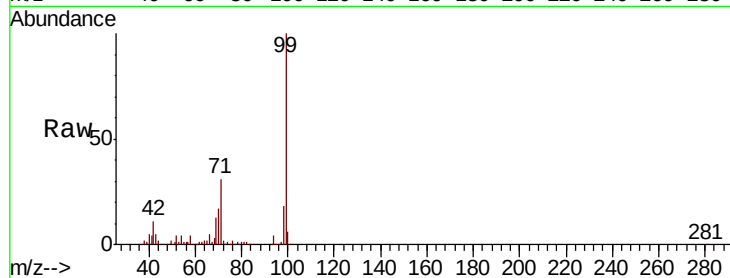
Tot Ion: 94 Resp: 15030

Ion Ratio Lower Upper

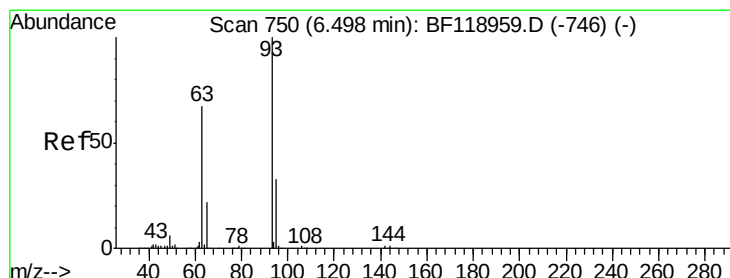
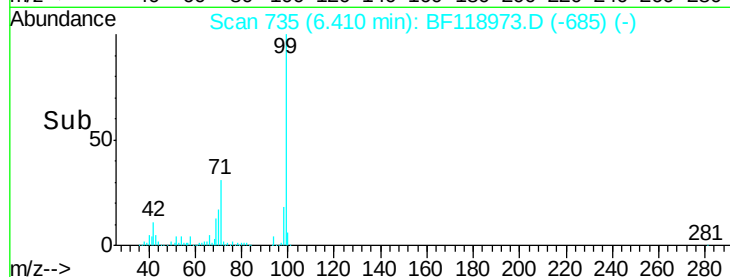
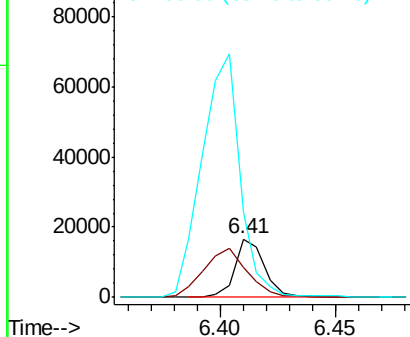
94 100

65 50.9 15.5 55.5

66 145.7 35.6 75.6#



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: 0.049 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.09 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

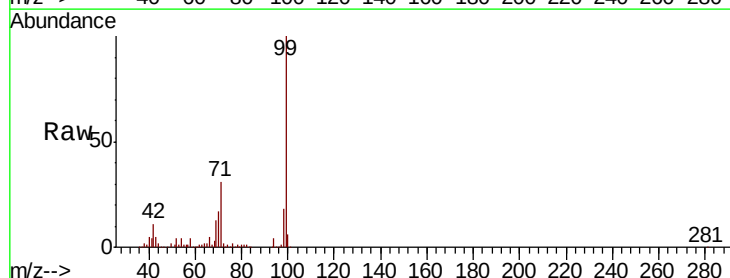
Tgt Ion: 93 Resp: 619

Ion Ratio Lower Upper

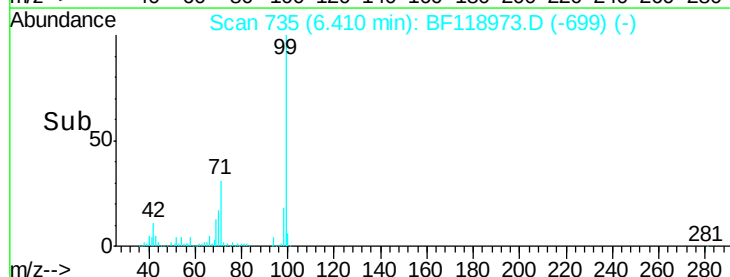
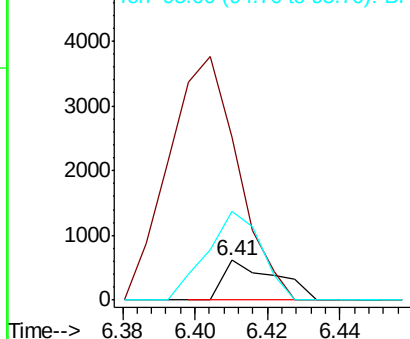
93 100

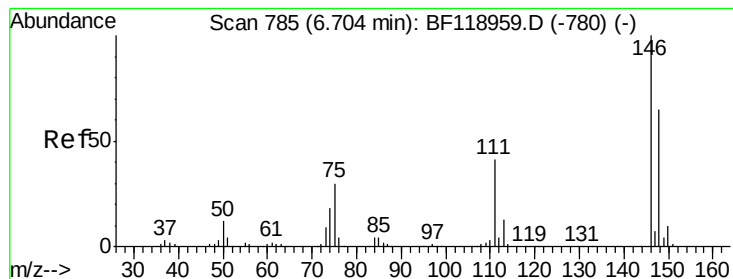
63 410.2 46.8 86.8#

95 221.1 12.7 52.7#



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





#12

1,3-Dichlorobenzene

Concen: 0.029 ng

RT: 6.77 min Scan# 797

Delta R.T. 0.07 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampled :

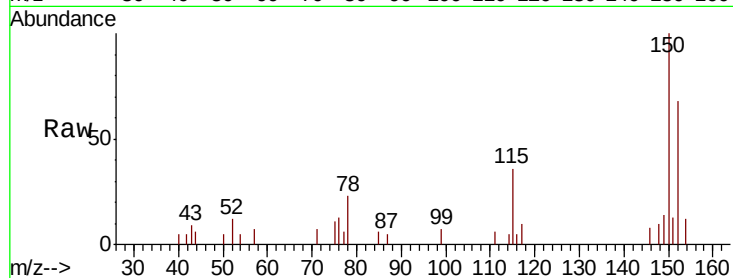
Tot Ion:146 Resp: 465

Ion Ratio Lower Upper

146 100

148 120.2 51.7 77.5#

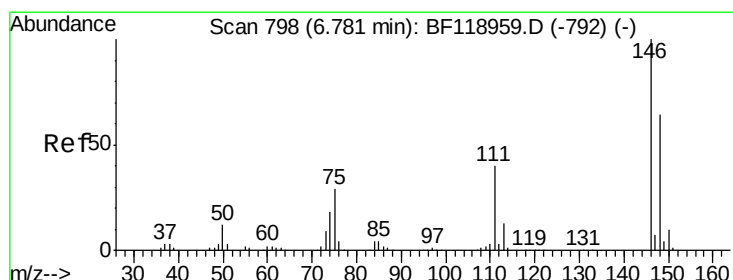
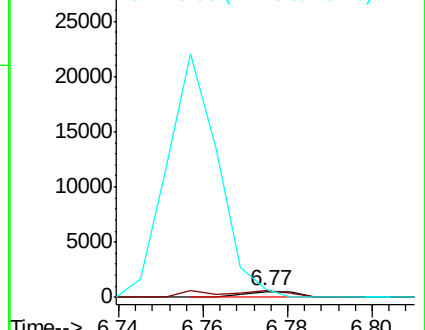
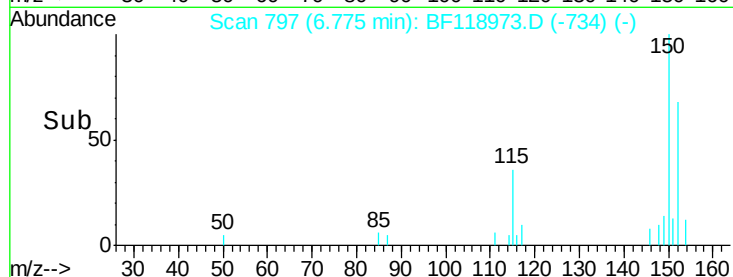
75 137.6 23.6 35.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 0.029 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

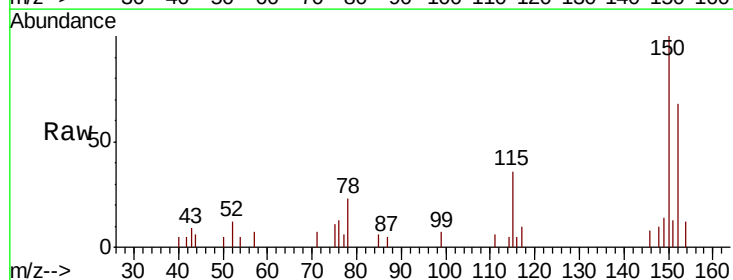
Tgt Ion:146 Resp: 465

Ion Ratio Lower Upper

146 100

148 120.2 51.4 77.2#

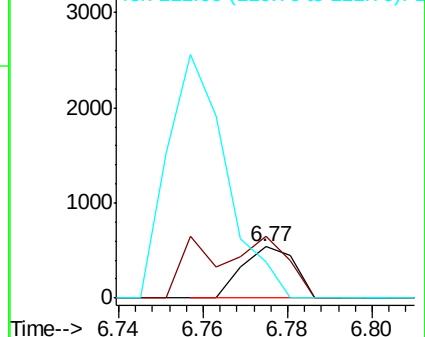
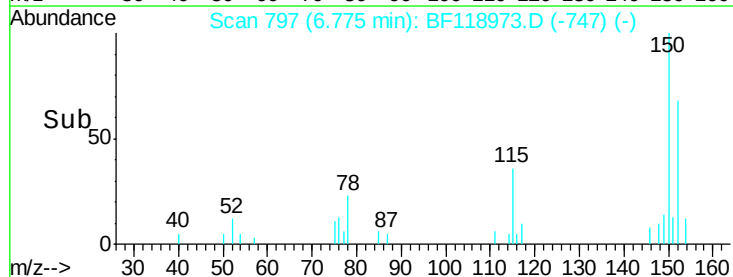
111 70.4 31.9 47.9#

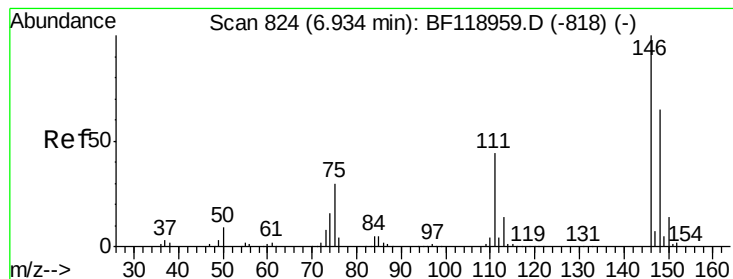


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.032 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.16 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

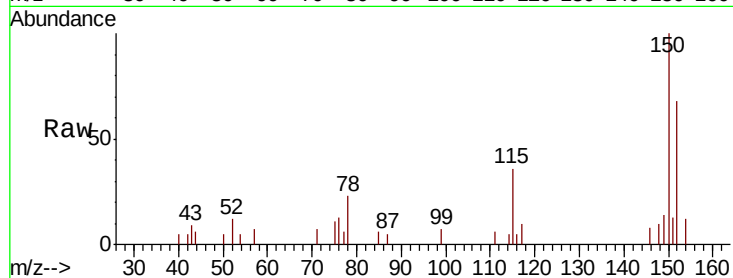
Tot Ion:146 Resp: 465

Ion Ratio Lower Upper

146 100

148 120.2 52.1 78.1#

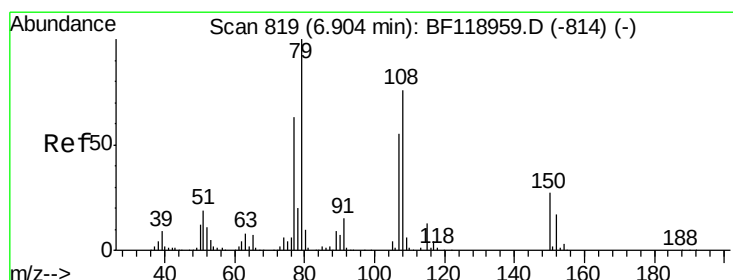
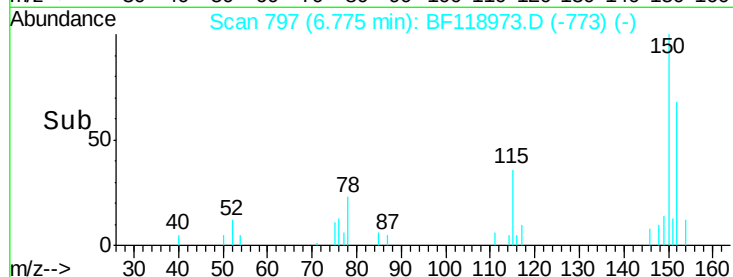
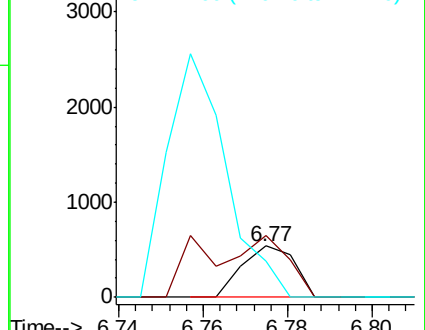
111 70.4 35.5 53.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.620 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

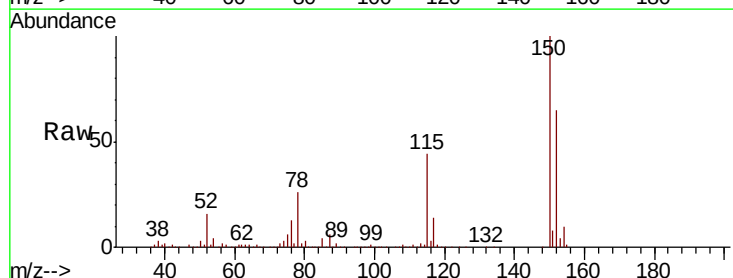
Tgt Ion: 79 Resp: 17802

Ion Ratio Lower Upper

79 100

108 30.4 61.1 91.7#

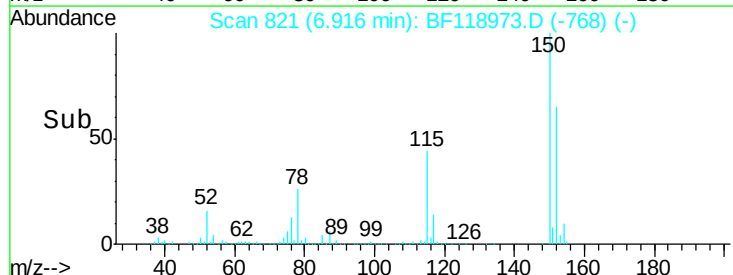
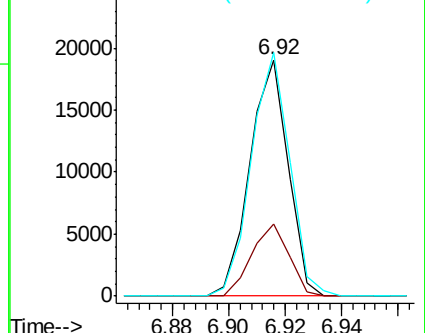
77 102.9 50.2 75.2#

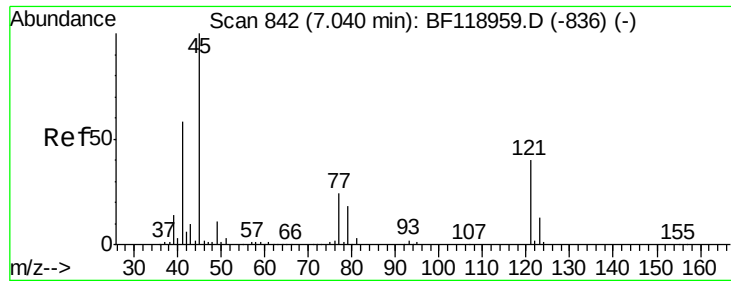


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

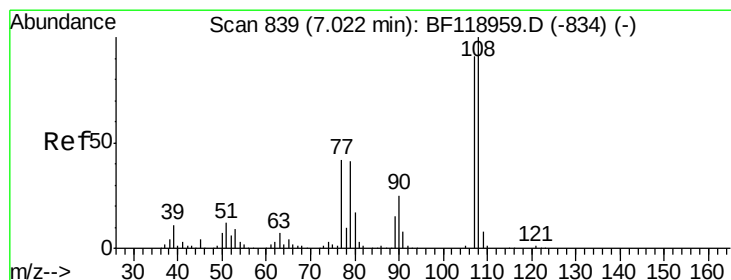
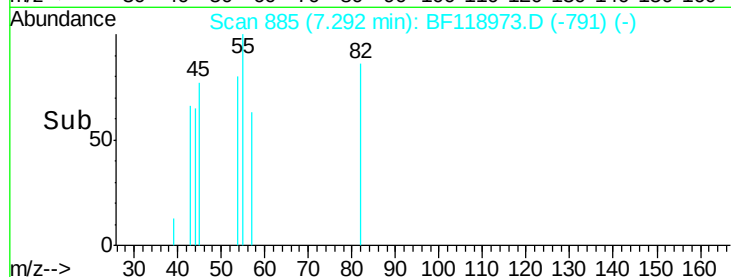
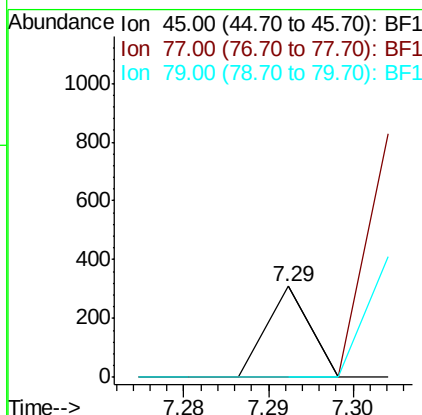
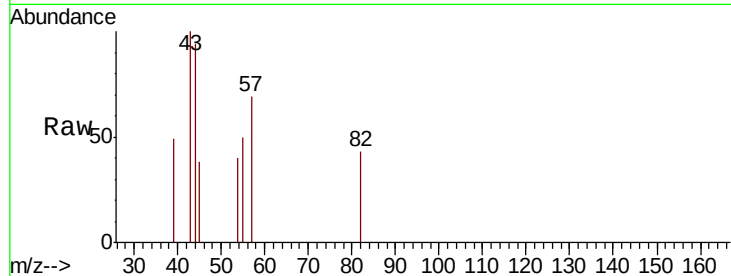




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.010 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.25 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

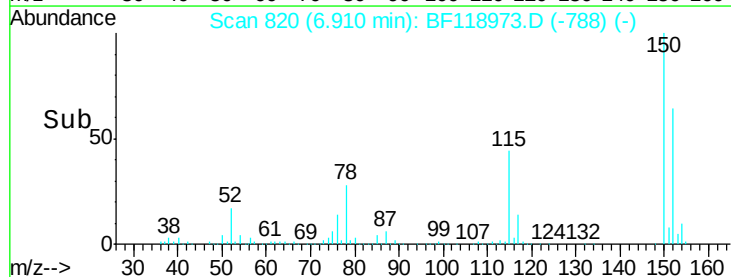
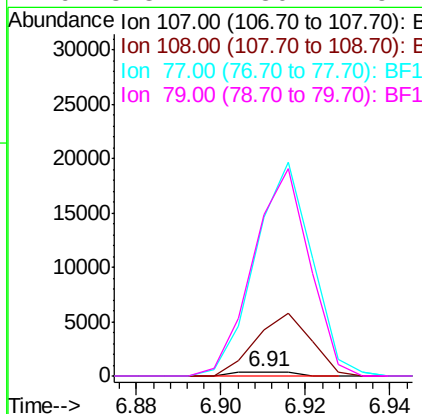
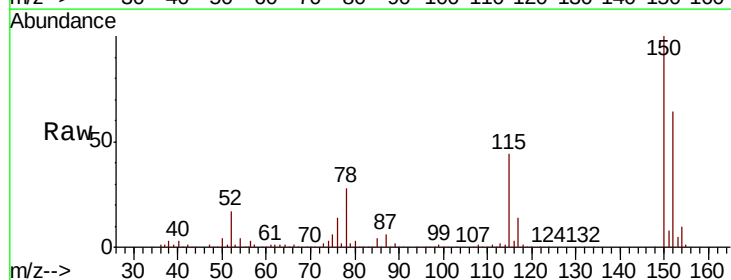
Instrument :
BNA_F
ClientSampled :

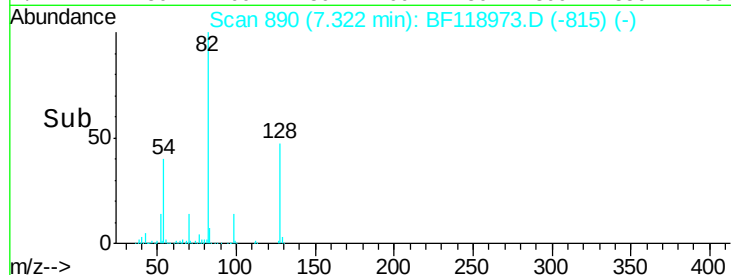
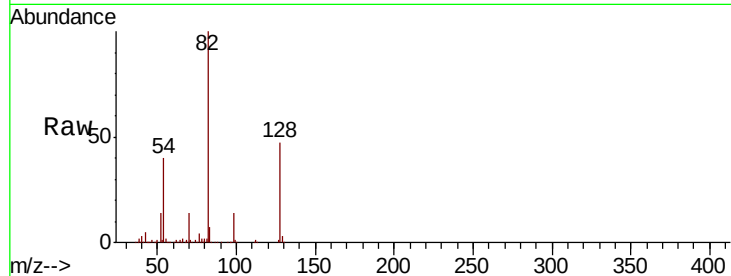
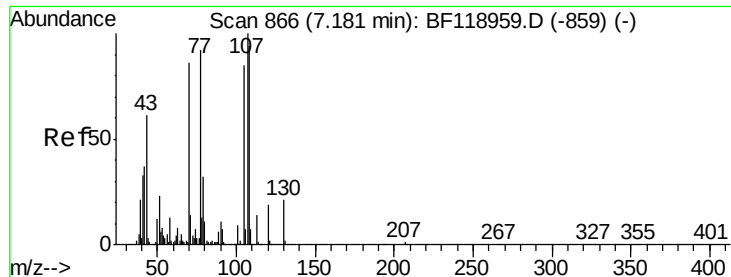
Tot Ion: 45 Resp: 109
Ion Ratio Lower Upper
45 100
77 0.0 6.1 46.1#
79 0.0 0.5 40.5#



#17
2-Methylphenol
Concen: 0.035 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.11 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:107 Resp: 388
Ion Ratio Lower Upper
107 100
108 1060.8 87.7 131.5#
77 3656.3 36.8 55.2#
79 3737.4 36.4 54.6#

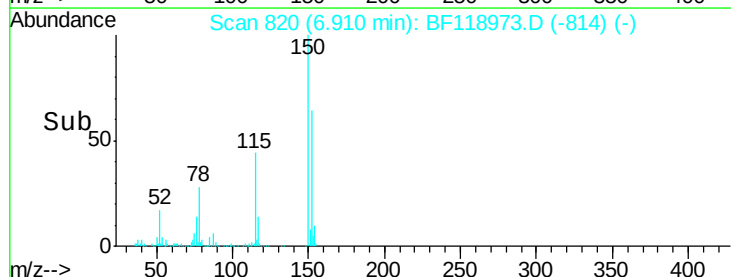
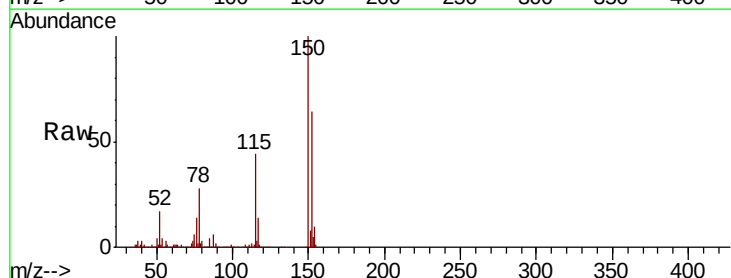
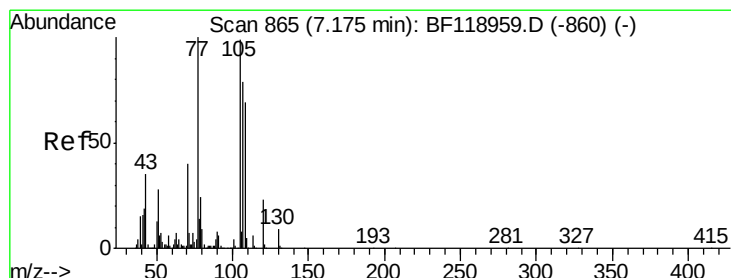
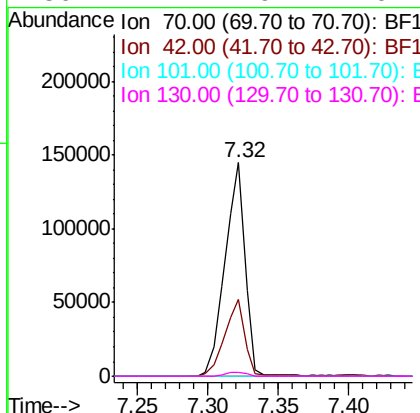




#19
n-Nitroso-di-n-propylamine
Concen: 16.233 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

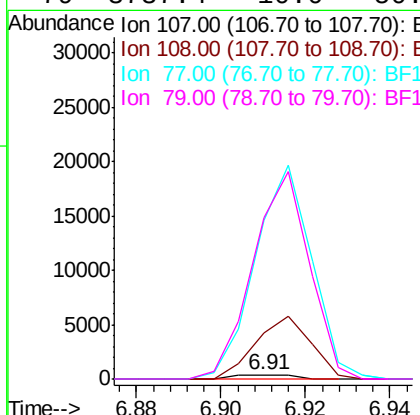
Instrument :
BNA_F
ClientSampleId :

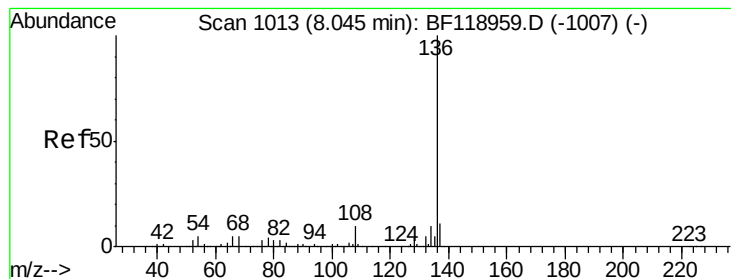
Tot Ion	Ratio	Lower	Upper
70	100		
42	35.8	34.6	51.8
101	0.0	8.1	12.1#
130	2.1	19.4	29.2#



#20
3+4-Methylphenols
Concen: 0.029 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.26 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	1060.8	67.0	107.0#
77	3656.3	106.2	146.2#
79	3737.4	10.0	50.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 785631

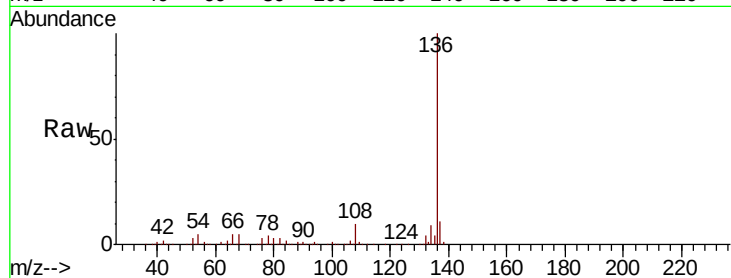
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.0 3.8 5.6

68 5.2 4.2 6.2

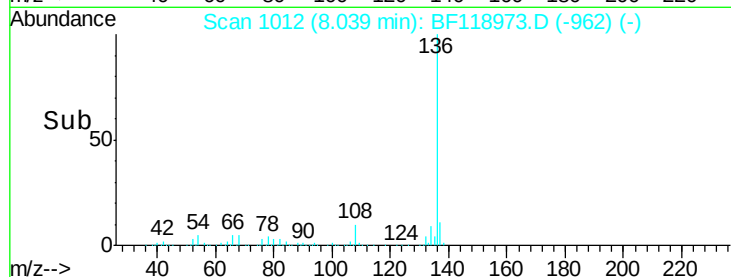
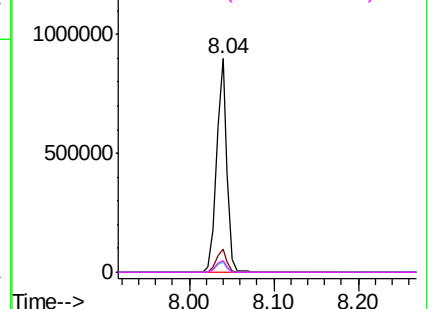


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.032 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Tgt Ion:105 Resp: 589

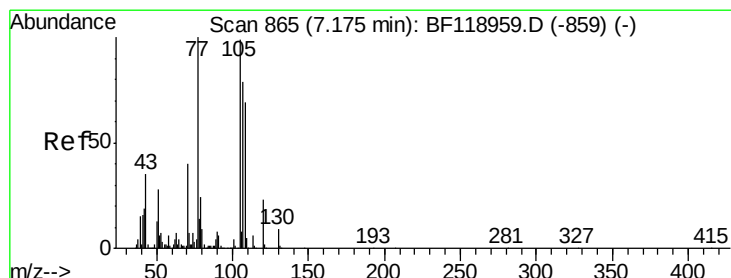
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 0.0 22.5 33.7#

120 0.0 18.4 27.6#

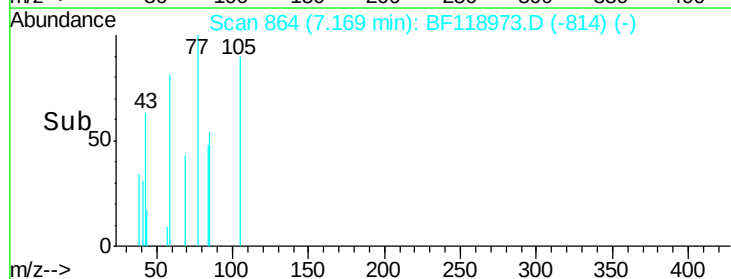
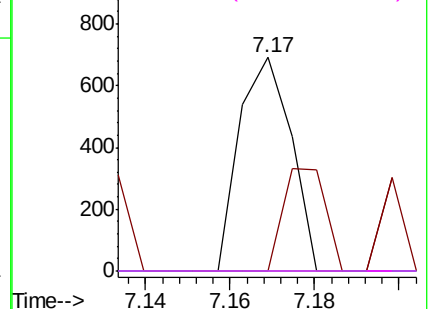


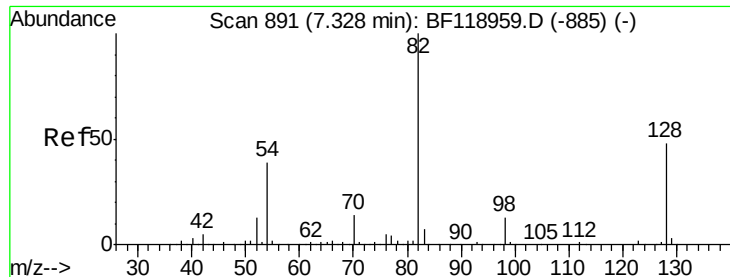
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

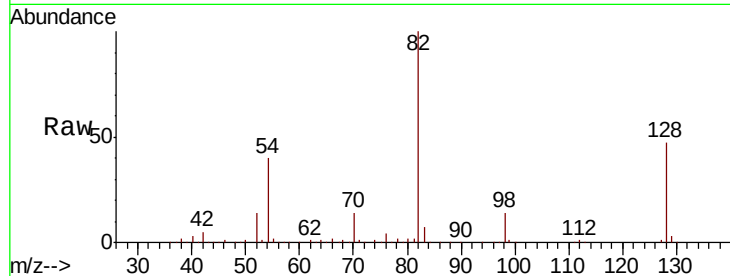




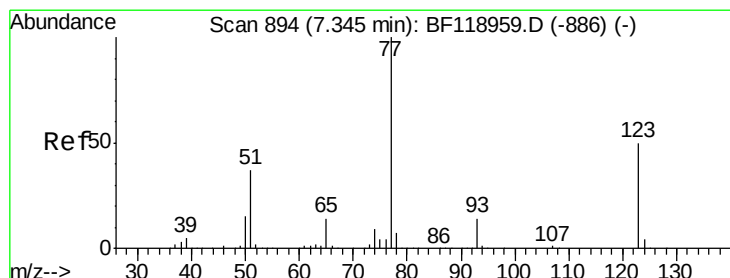
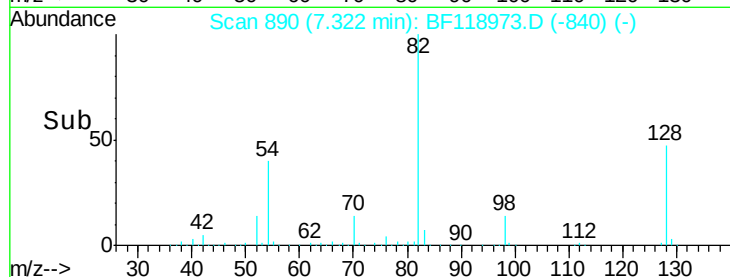
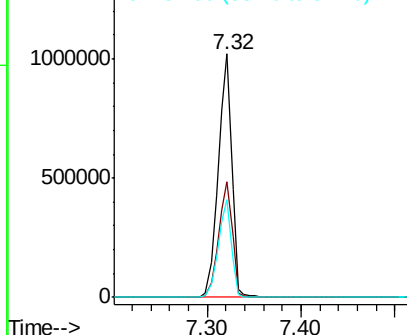
#23
Nitrobenzene-d5
Concen: 69.587 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1035418
Ion Ratio Lower Upper
82 100
128 47.5 38.2 57.2
54 40.1 31.3 46.9

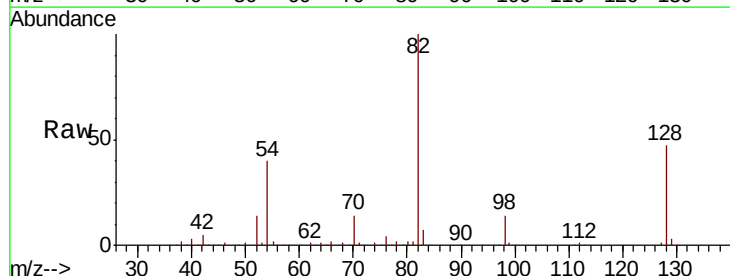


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

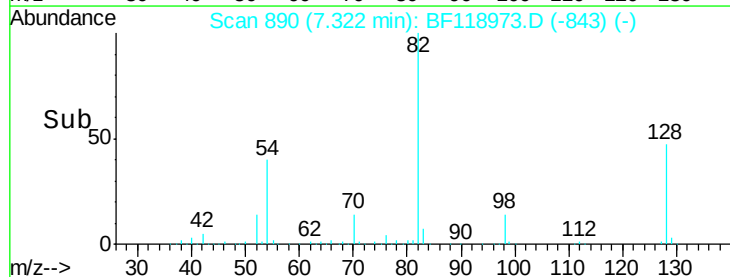
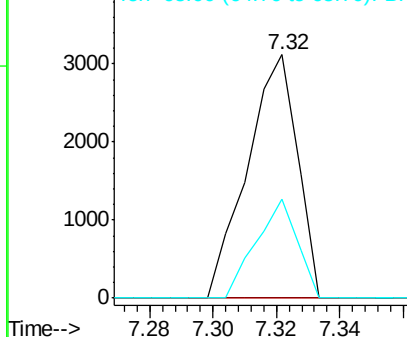


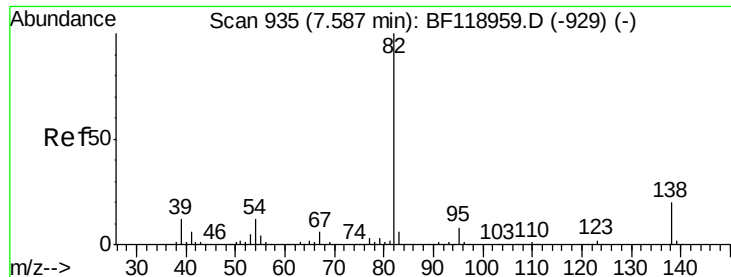
#24
Nitrobenzene
Concen: 0.232 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion: 77 Resp: 3420
Ion Ratio Lower Upper
77 100
123 0.0 40.1 60.1#
65 40.4 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.949 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

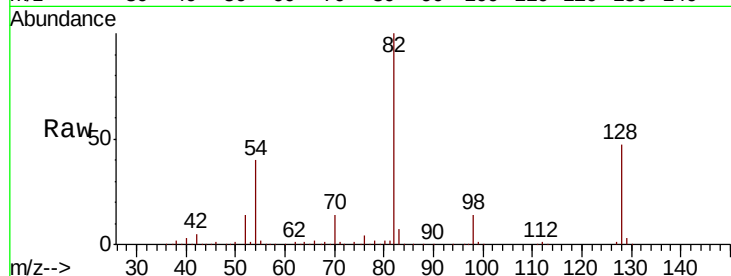
Tot Ion: 82 Resp: 1032326

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

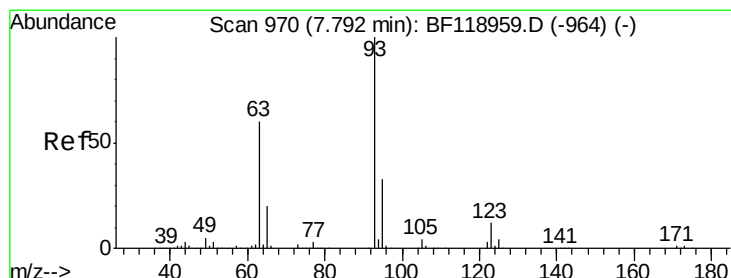
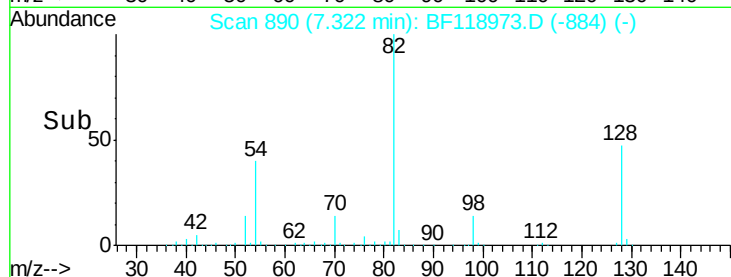
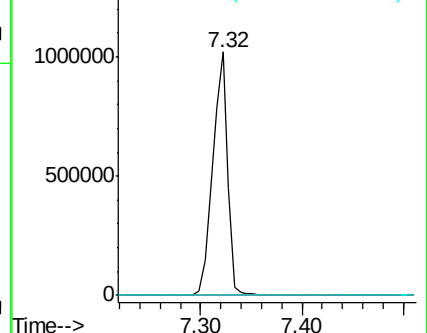
138 0.0 15.8 23.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#28

bis(2-Chloroethoxy)methane

Concen: 0.007 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.25 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

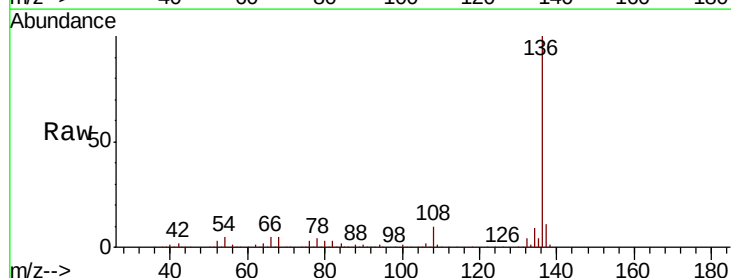
Tgt Ion: 93 Resp: 117

Ion Ratio Lower Upper

93 100

95 232.3 26.3 39.5#

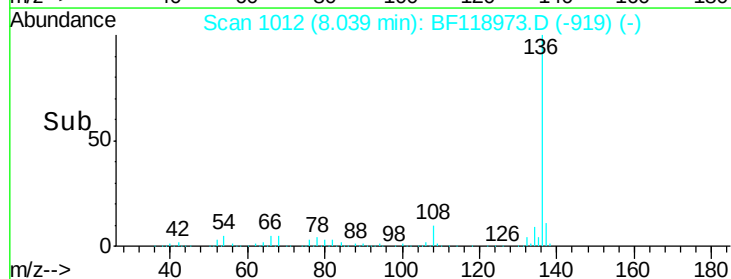
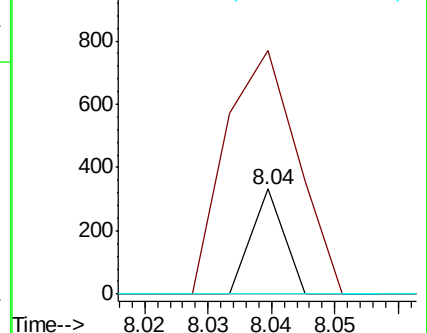
123 0.0 9.8 14.8#

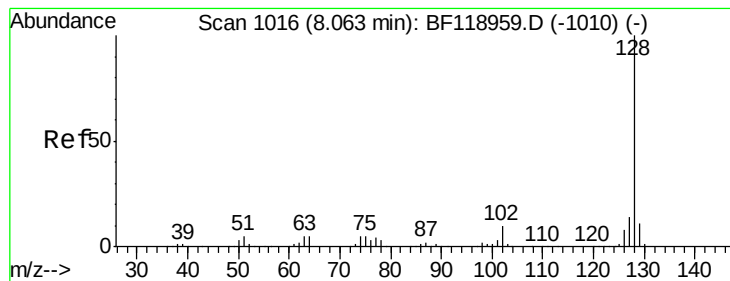


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1





#31

Naphthalene

Concen: 0.066 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

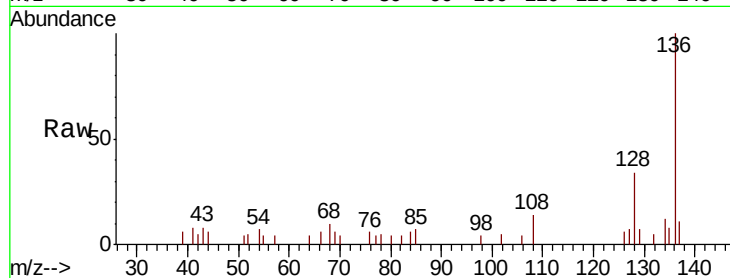
Tot Ion:128 Resp: 2684

Ion Ratio Lower Upper

128 100

129 20.4 9.0 13.4#

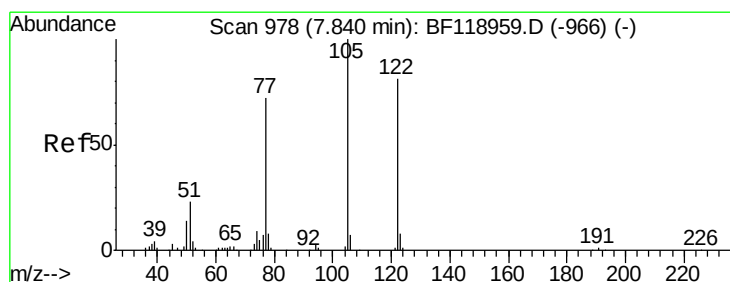
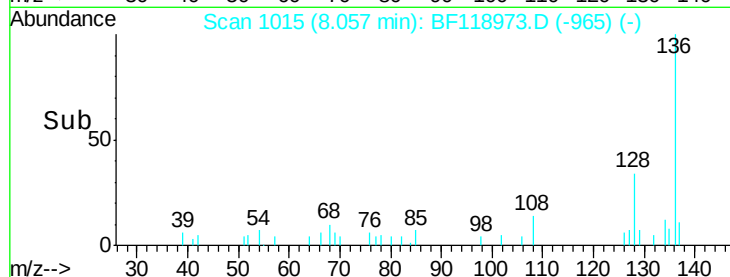
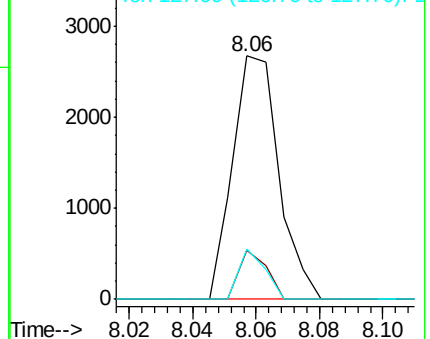
127 20.6 10.9 16.3#



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: 6.697 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.20 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

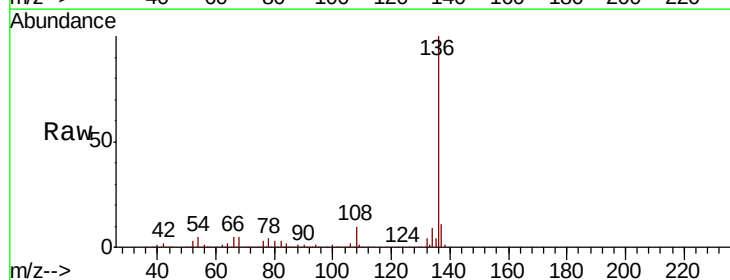
Tgt Ion:122 Resp: 154

Ion Ratio Lower Upper

122 100

105 262.2 102.2 142.2#

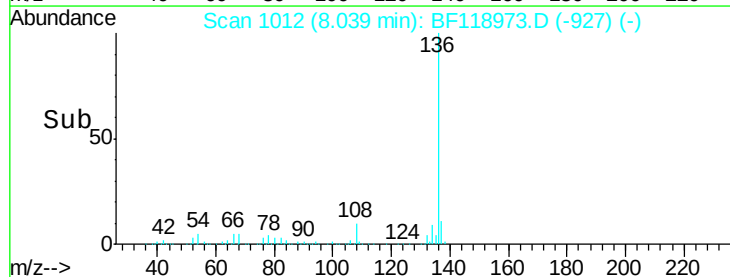
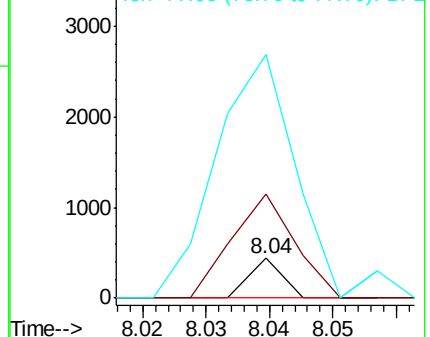
77 615.1 68.6 108.6#

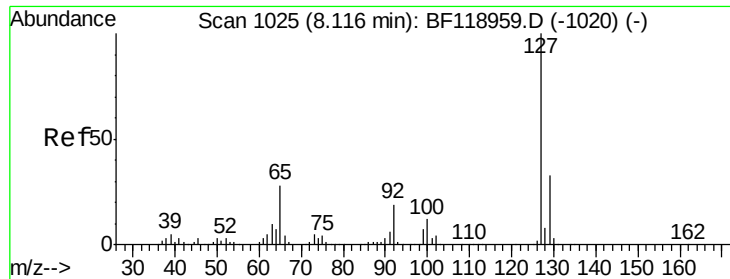


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

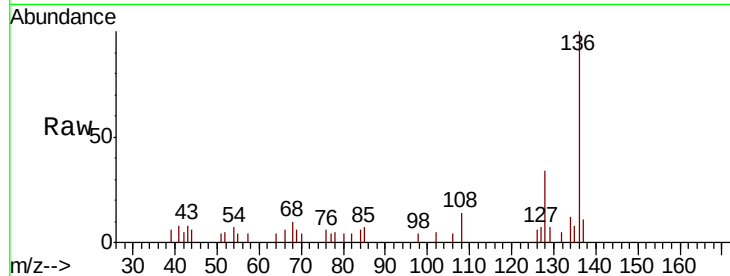




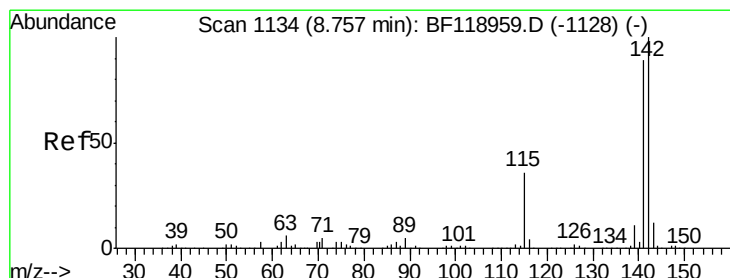
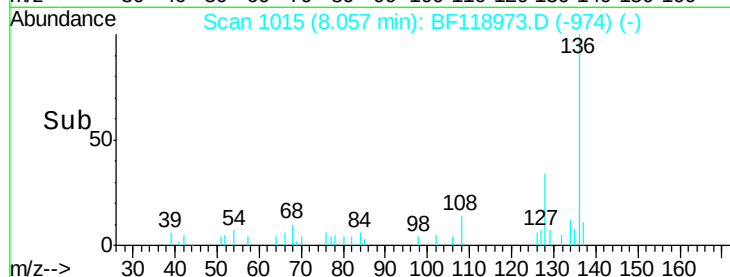
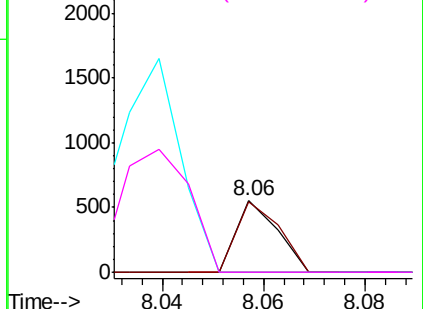
#33
4-Chloroaniline
Concen: 0.018 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.06 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	310
Ion	Ratio	Lower	Upper
127	100		
129	98.7	26.2	39.2#
65	0.0	22.0	33.0#
92	0.0	15.5	23.3#

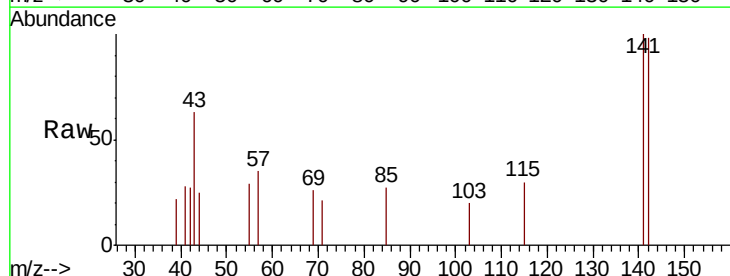


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

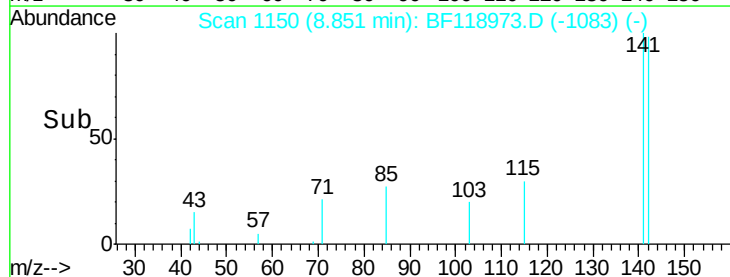
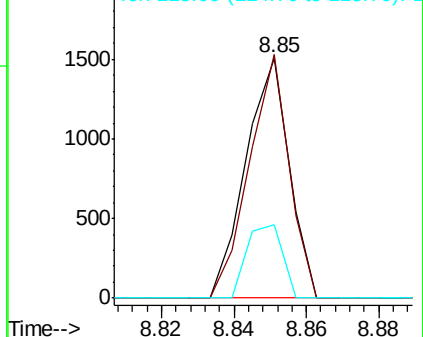


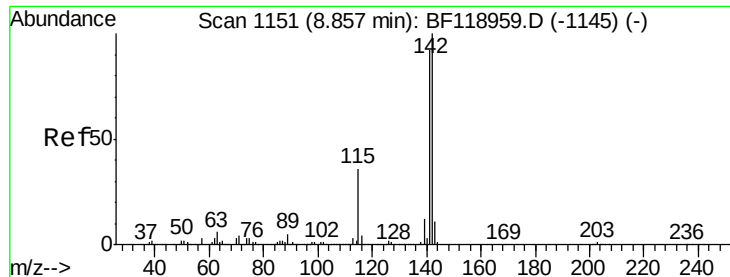
#37
2-Methylnaphthalene
Concen: 0.046 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.09 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:	142	Resp:	1251
Ion	Ratio	Lower	Upper
142	100		
141	101.5	71.0	106.4
115	30.7	28.6	42.8



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

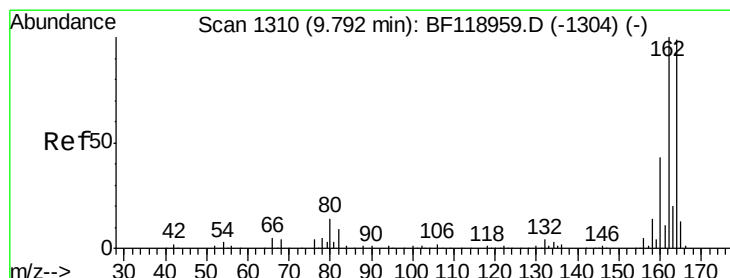
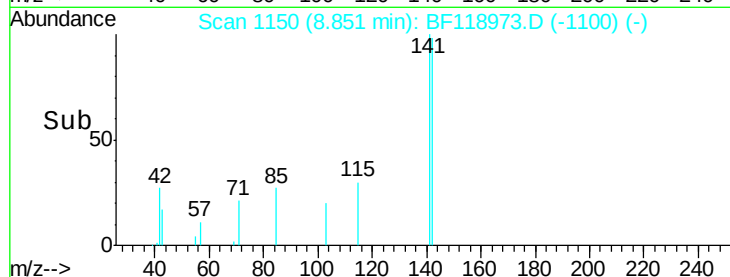
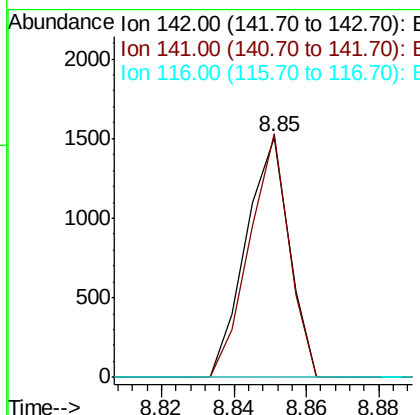
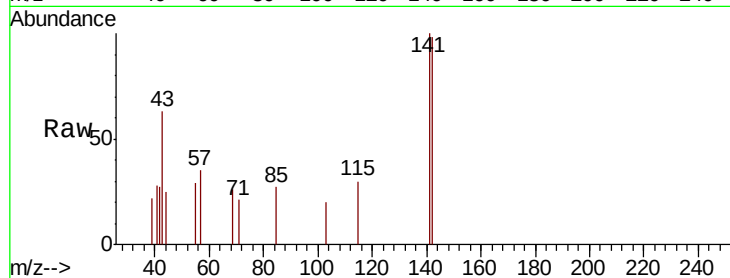




#38
1-Methylnaphthalene
Concen: 0.049 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

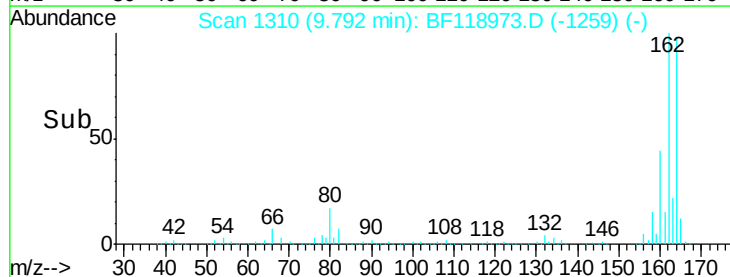
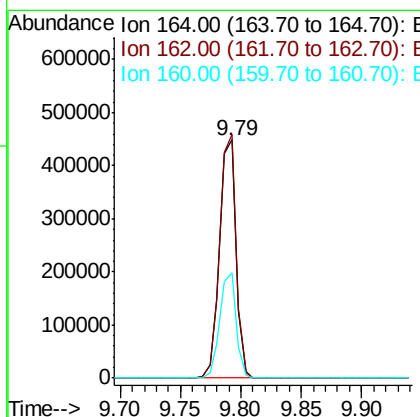
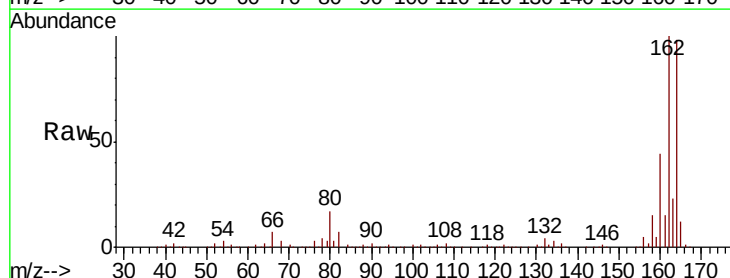
Instrument :
BNA_F
ClientSampleId :

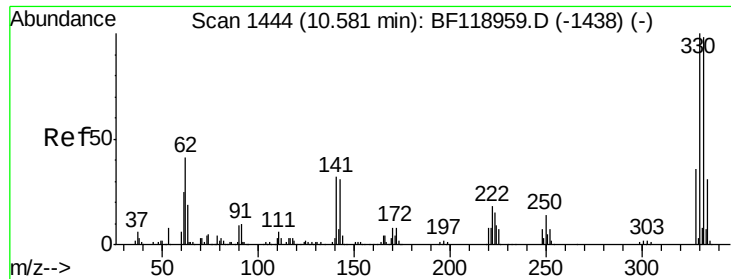
Tot Ion:142 Resp: 1251
Ion Ratio Lower Upper
142 100
141 101.5 73.7 110.5
116 0.0 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:164 Resp: 418675
Ion Ratio Lower Upper
164 100
162 102.3 81.2 121.8
160 44.5 35.2 52.8

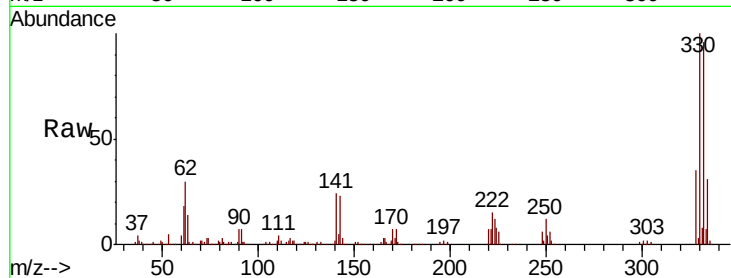




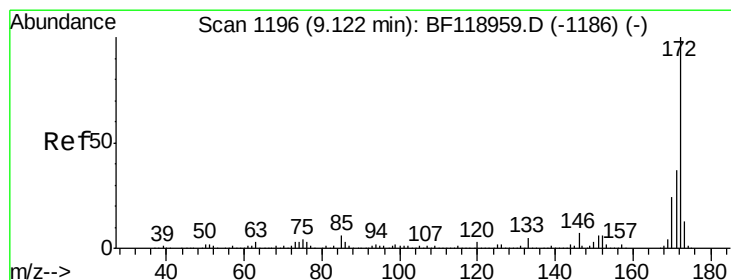
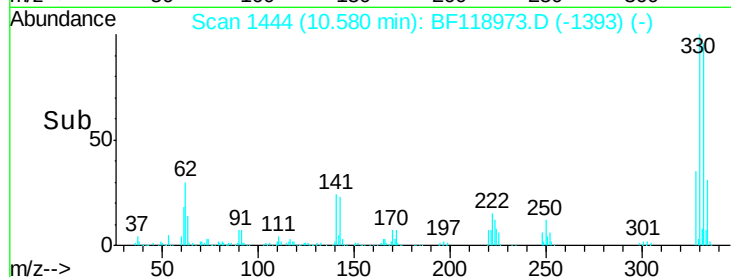
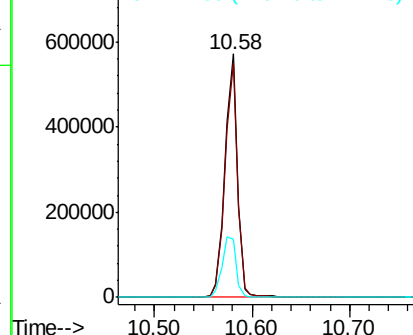
#42
 2,4,6-Tribromophenol
 Concen: 94.072 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118973.D
 Acq: 20 Feb 2020 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	28.2	23.0	34.6

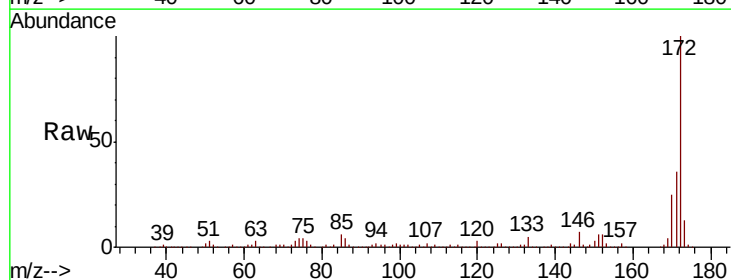


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

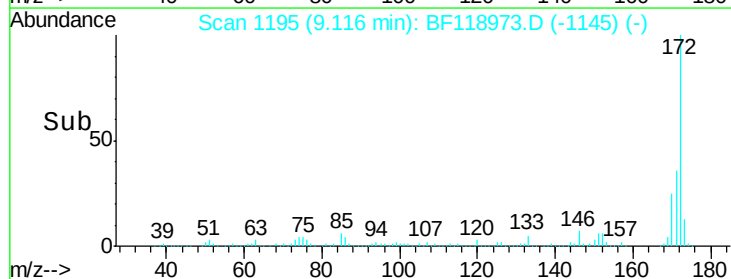
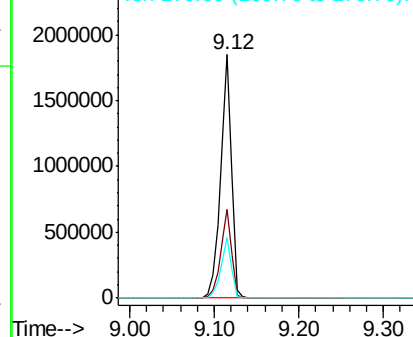


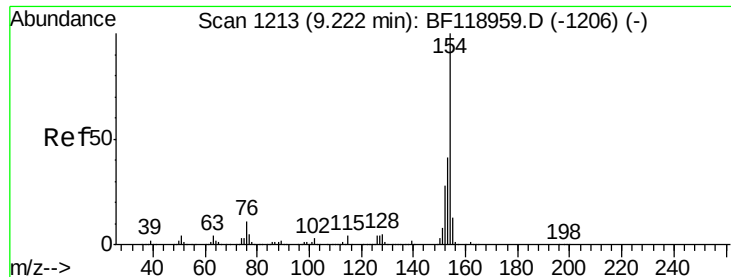
#45
 2-Fluorobiphenyl
 Concen: 61.390 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF118973.D
 Acq: 20 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.7	19.6	29.4



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





#46

1,1'-Biphenyl

Concen: 0.166 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

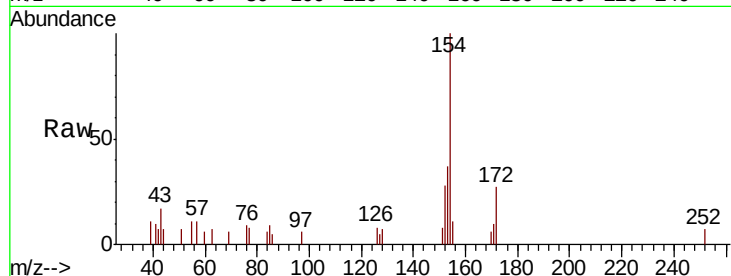
Tot Ion:154 Resp: 5623

Ion Ratio Lower Upper

154 100

153 37.0 21.2 61.2

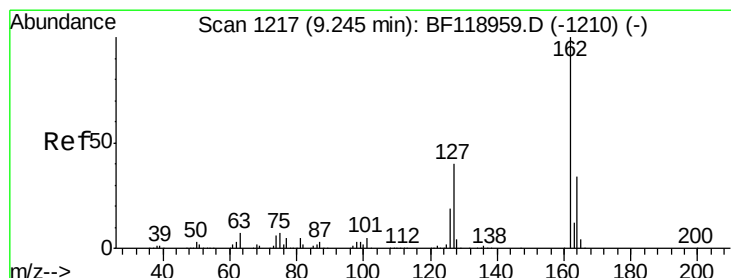
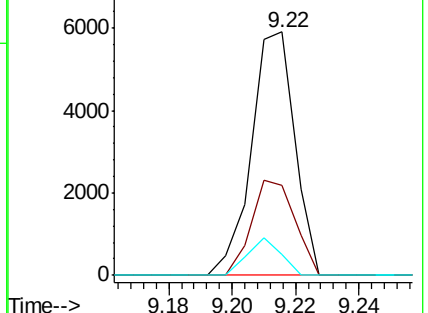
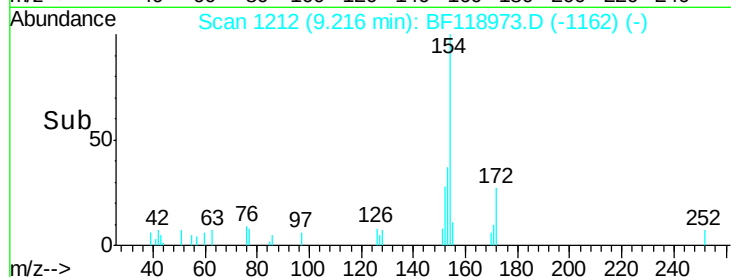
76 8.5 0.0 31.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 0.005 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.25 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

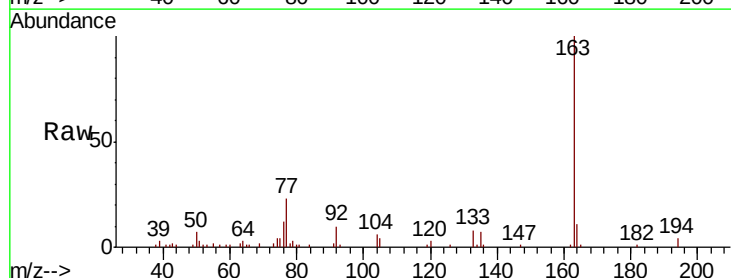
Tgt Ion:162 Resp: 139

Ion Ratio Lower Upper

162 100

127 0.0 31.9 47.9#

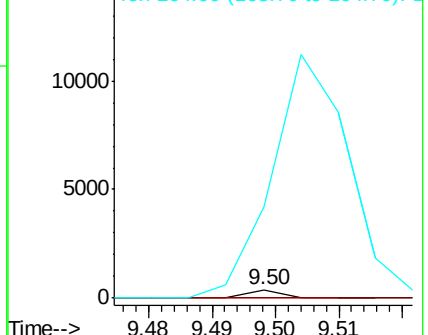
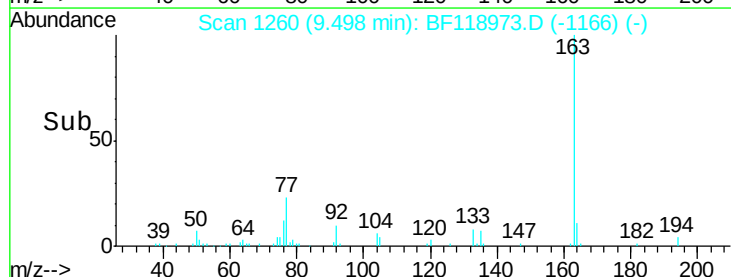
164 1070.1 26.8 40.2#

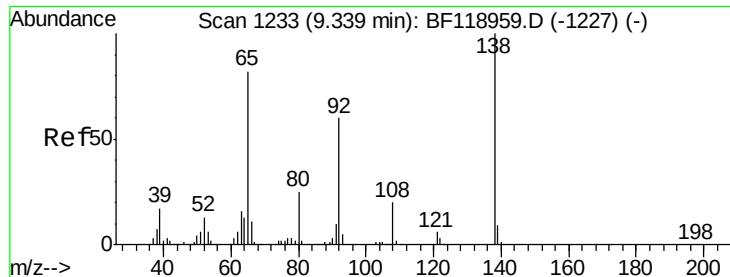


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

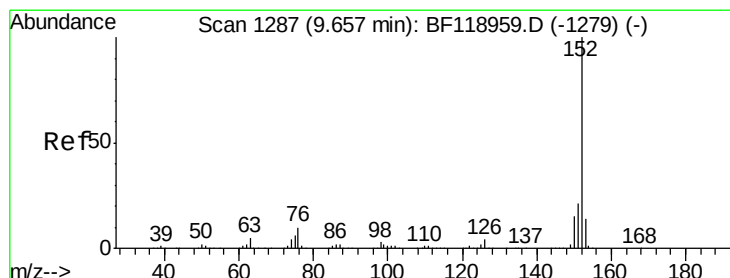
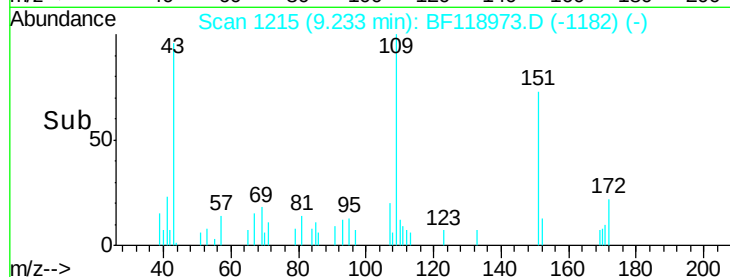
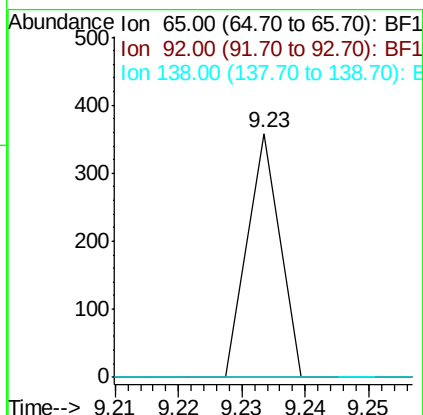
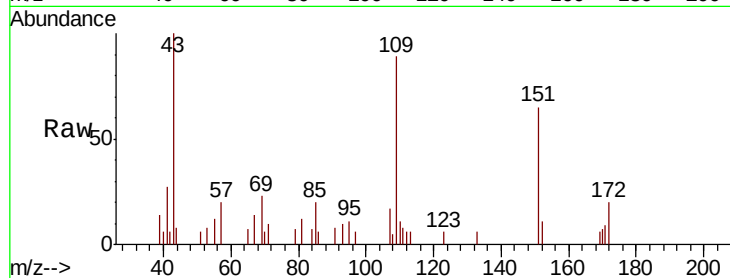




#48
2-Nitroaniline
Concen: 0.017 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.11 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

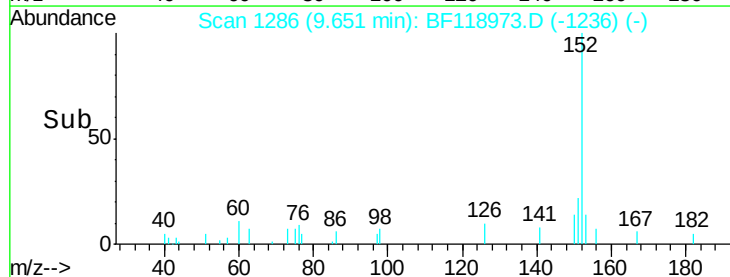
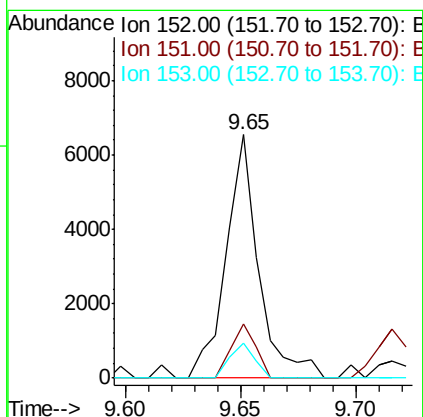
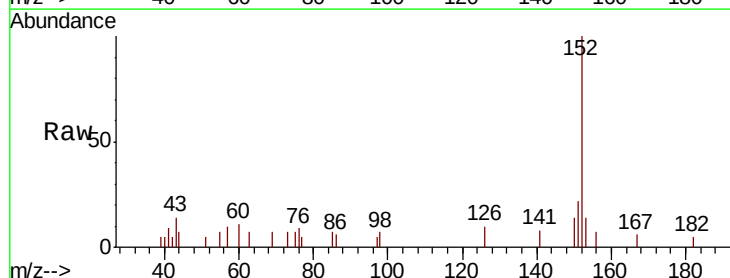
Instrument :
BNA_F
ClientSampleId :

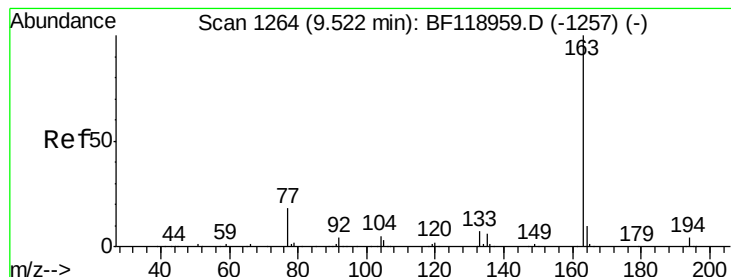
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	58.6	87.8#
138	0.0	97.5	146.3#



#49
Acenaphthylene
Concen: 0.163 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.7	25.1
153	14.2	10.9	16.3





#50

Dimethylphthalate

Concen: 3.044 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

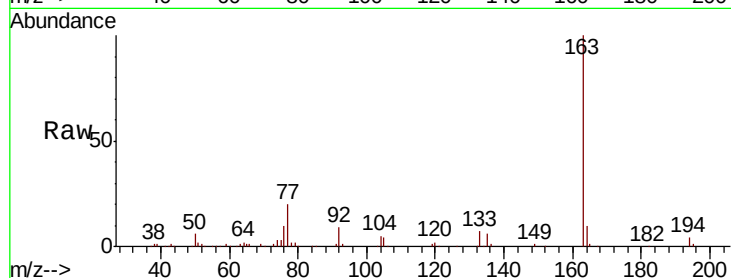
Tot Ion:163 Resp: 97461

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

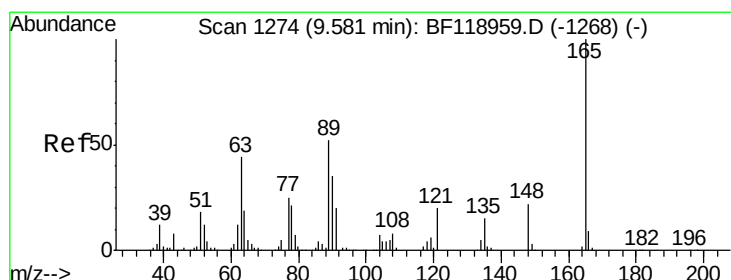
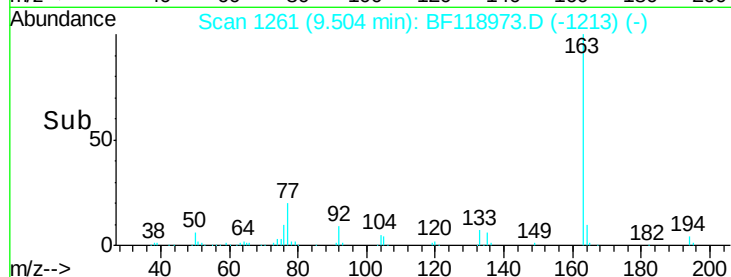
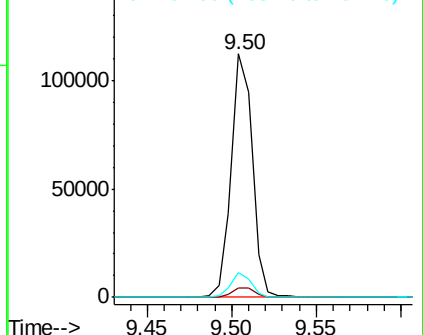
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.610 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

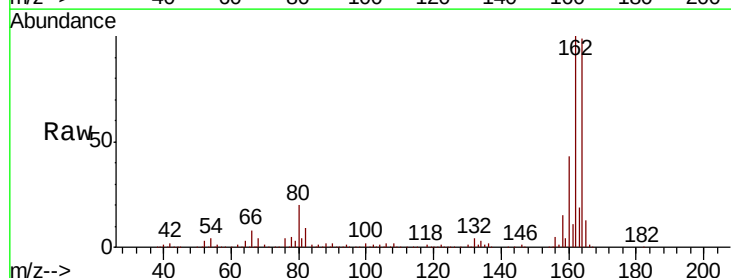
Tgt Ion:165 Resp: 54131

Ion Ratio Lower Upper

165 100

63 1.0 37.9 56.9#

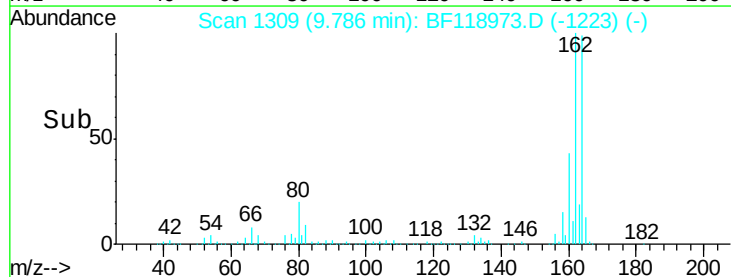
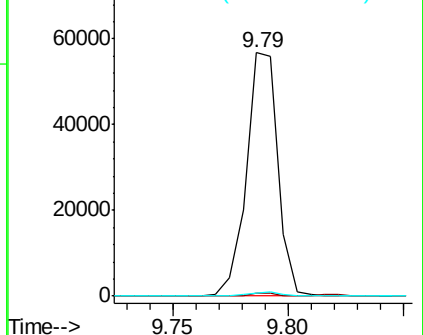
89 1.5 41.4 62.0#

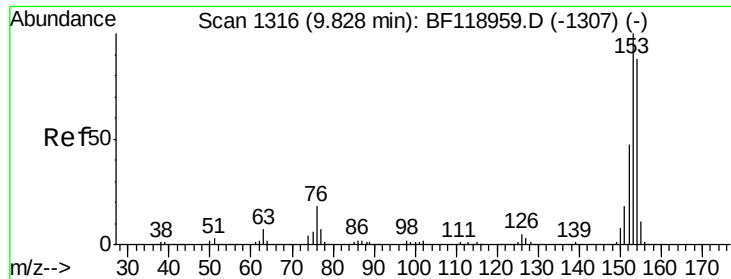


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.132 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

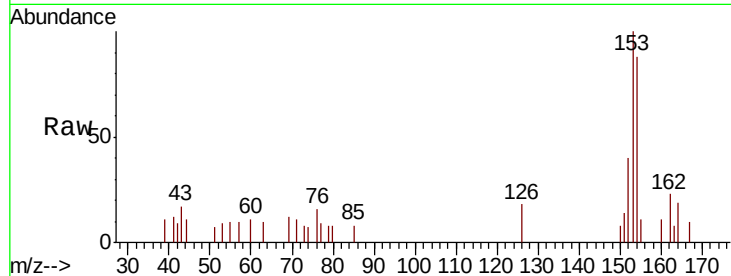
Tot Ion:154 Resp: 3138

Ion Ratio Lower Upper

154 100

153 113.7 90.4 135.6

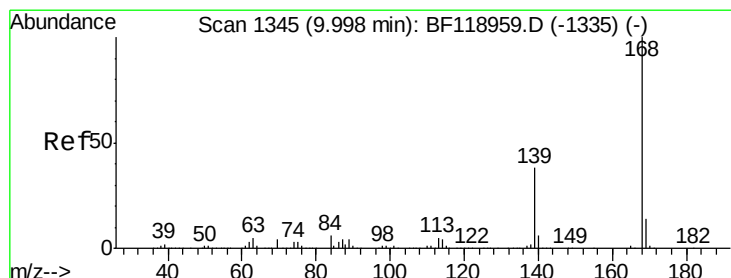
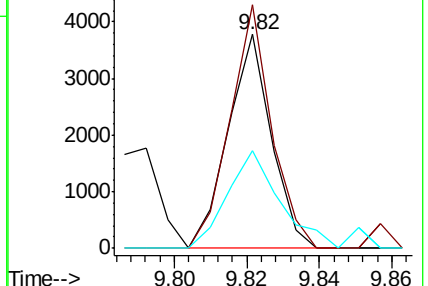
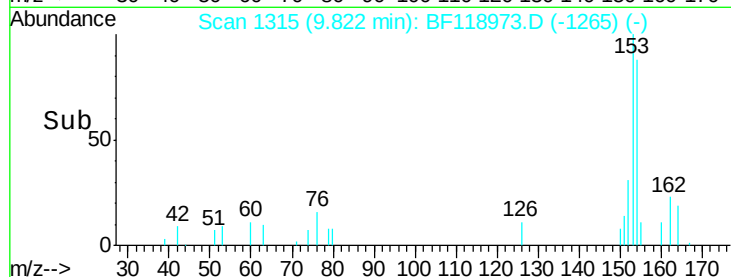
152 45.6 42.9 64.3



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



#55

Dibenzofuran

Concen: 0.040 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

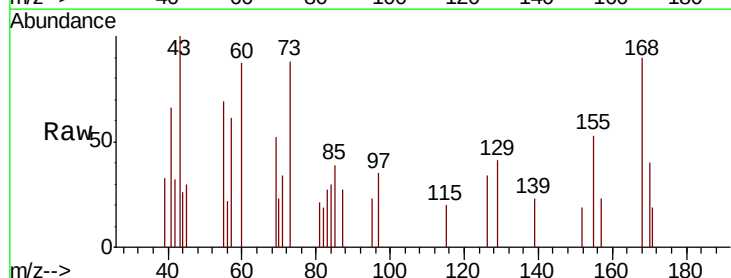
Tgt Ion:168 Resp: 1419

Ion Ratio Lower Upper

168 100

139 25.5 31.7 47.5#

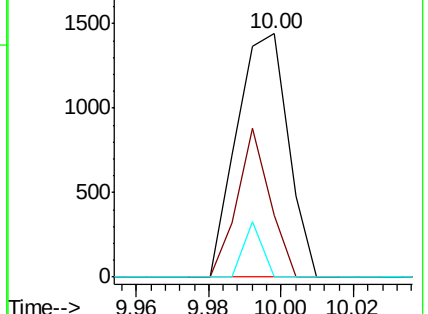
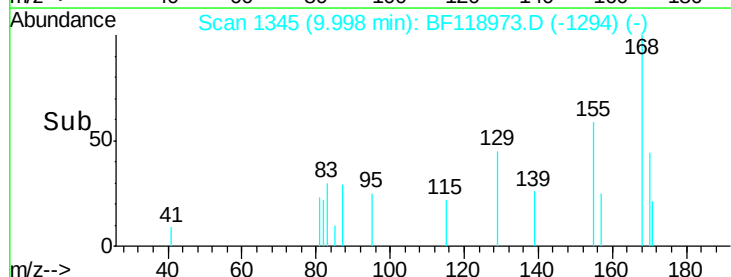
169 0.0 11.0 16.4#

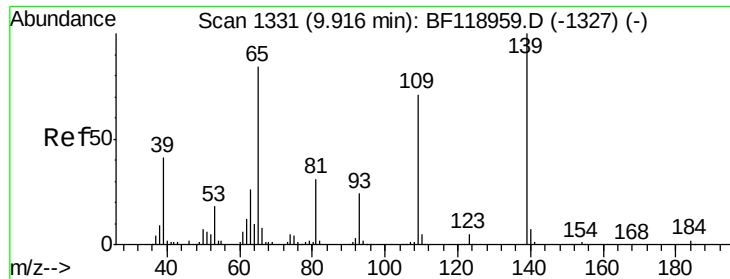


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

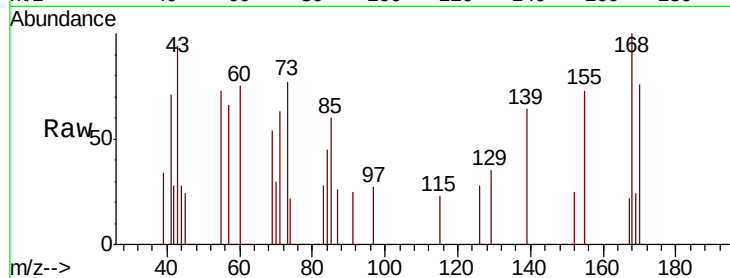




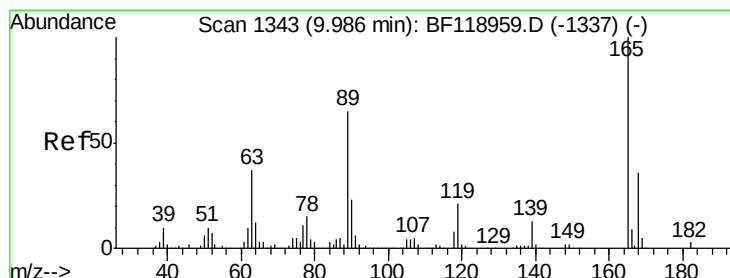
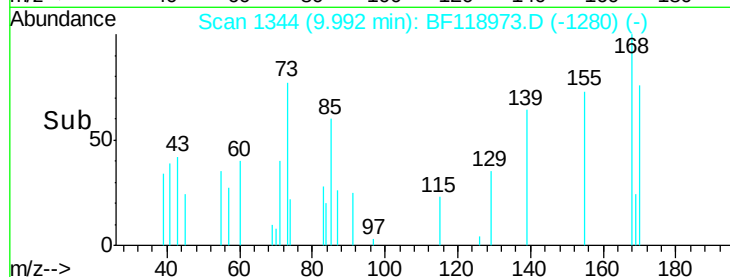
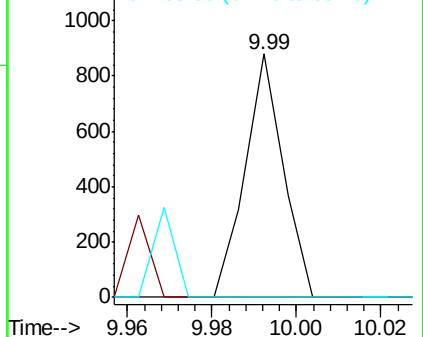
#56
4-Nitrophenol
Concen: 0.117 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.08 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 553
Ion Ratio Lower Upper
139 100
109 0.0 51.1 91.1#
65 0.0 64.7 104.7#

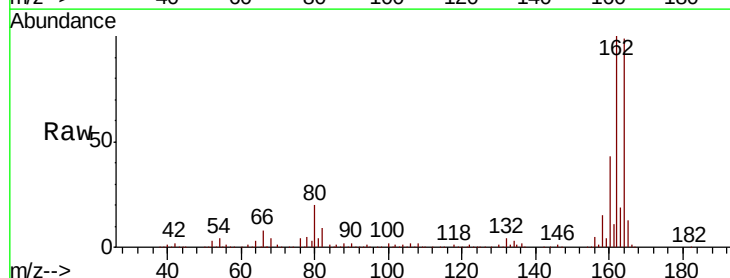


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

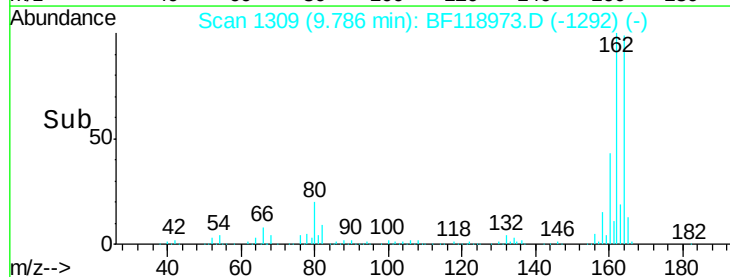
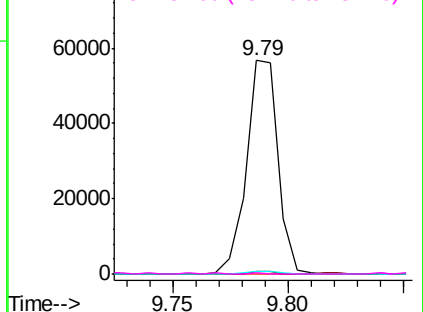


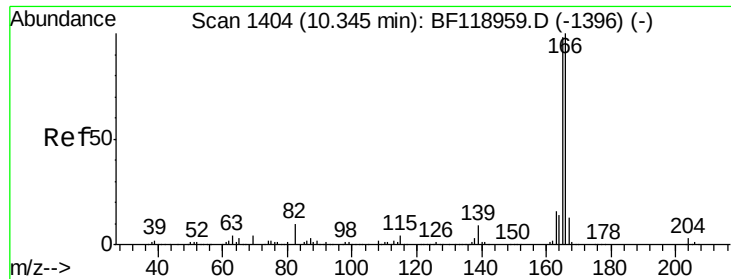
#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:165 Resp: 54131
Ion Ratio Lower Upper
165 100
63 1.0 29.8 44.8#
89 1.5 51.9 77.9#
182 0.7 2.3 3.5#



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: 0.116 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

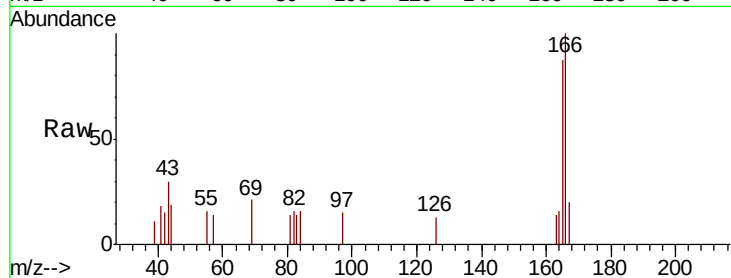
Tot Ion:166 Resp: 3194

Ion Ratio Lower Upper

166 100

165 87.1 78.2 117.4

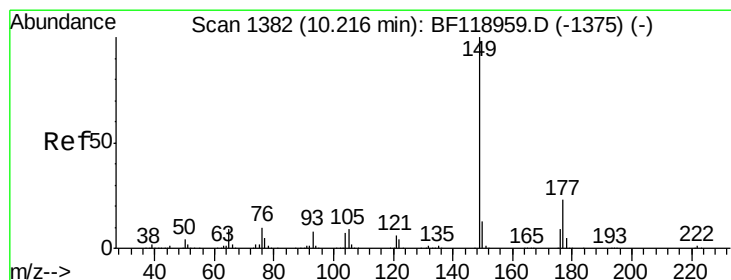
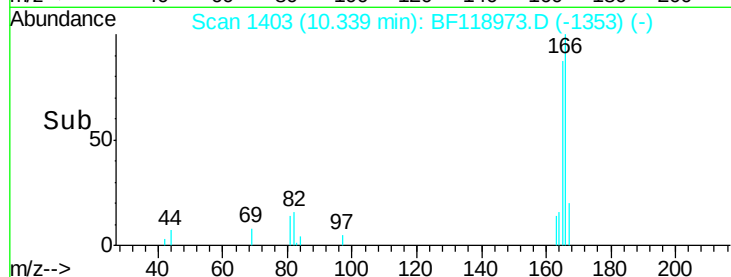
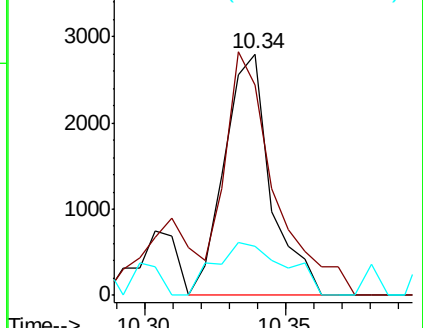
167 20.4 10.6 16.0#



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



#60

Diethylphthalate

Concen: 0.021 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

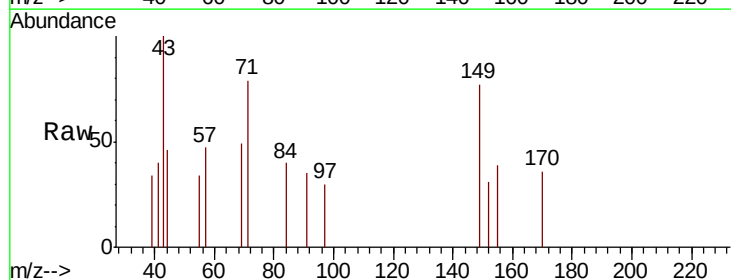
Tgt Ion:149 Resp: 647

Ion Ratio Lower Upper

149 100

177 0.0 18.1 27.1#

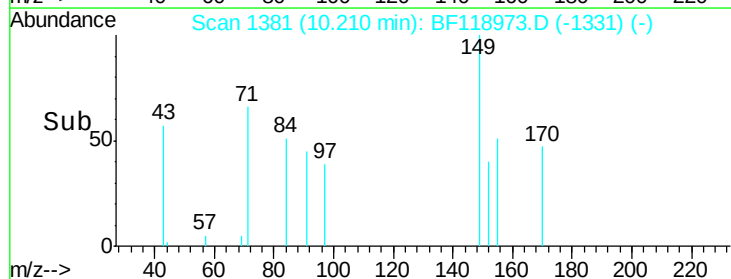
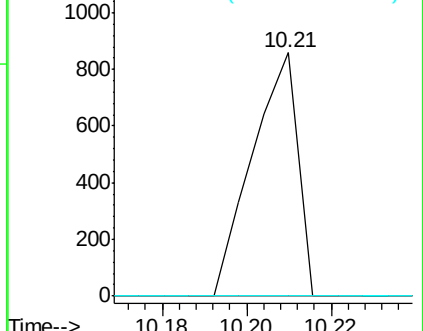
150 0.0 10.4 15.6#

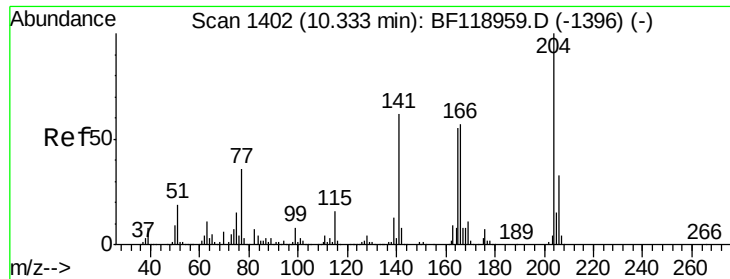


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

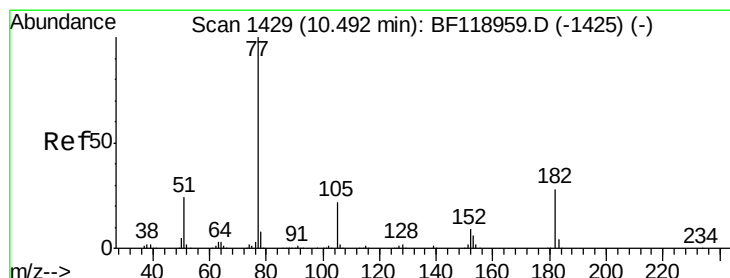
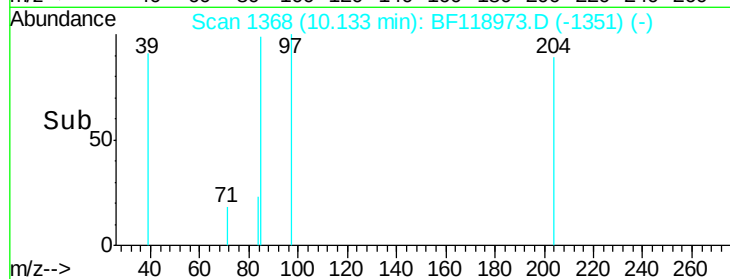
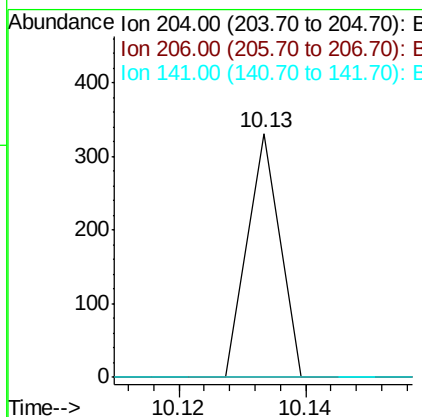
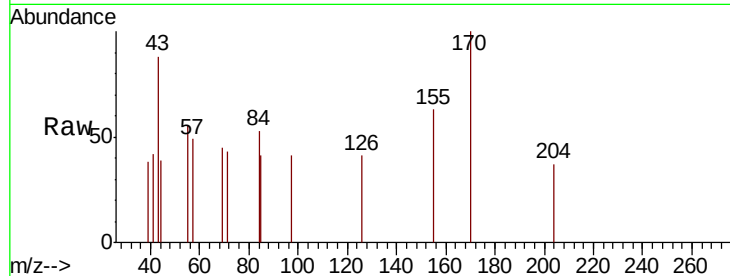




#61
 4-Chlorophenyl-phenylether
 Concen: 0.008 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.20 min
 Lab File: BF118973.D
 Acq: 20 Feb 2020 22:12

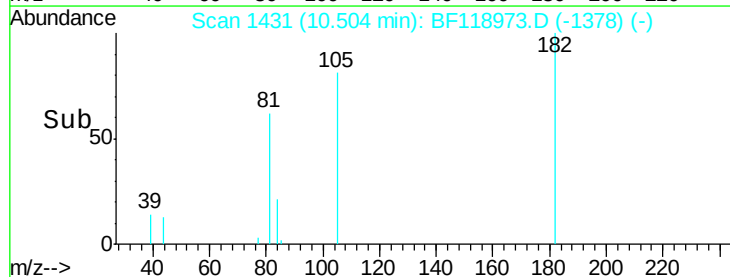
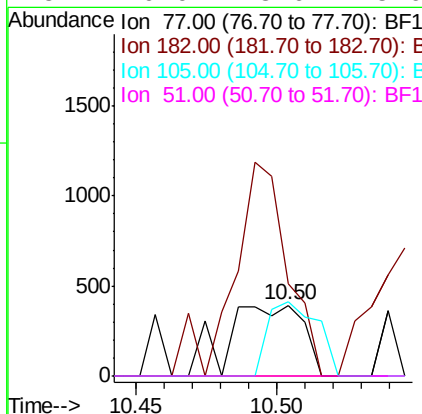
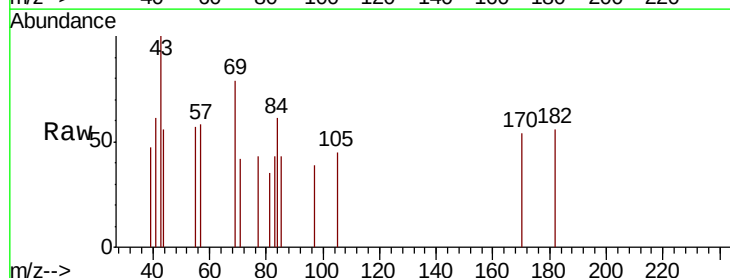
Instrument :
 BNA_F
 ClientSampleId :

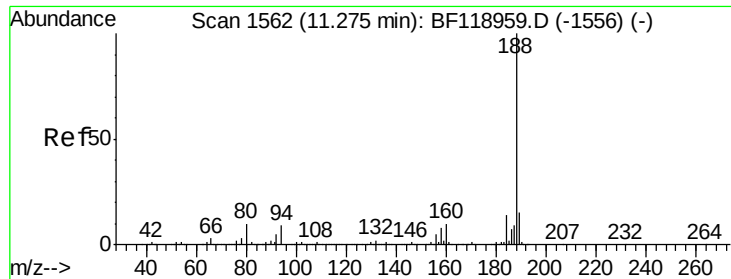
Tot Ion:	204	Resp:	117
Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	0.0	49.5	74.3#



#63
 Azobenzene
 Concen: 0.028 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF118973.D
 Acq: 20 Feb 2020 22:12

Tgt Ion:	77	Resp:	741
Ion	Ratio	Lower	Upper
77	100		
182	130.1	8.2	48.2#
105	104.8	2.3	42.3#
51	0.0	3.6	43.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampled :

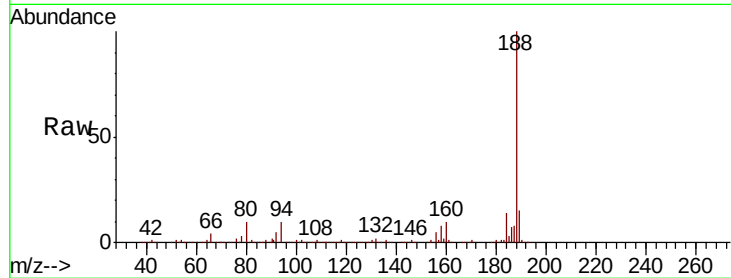
Tot Ion:188 Resp: 706473

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

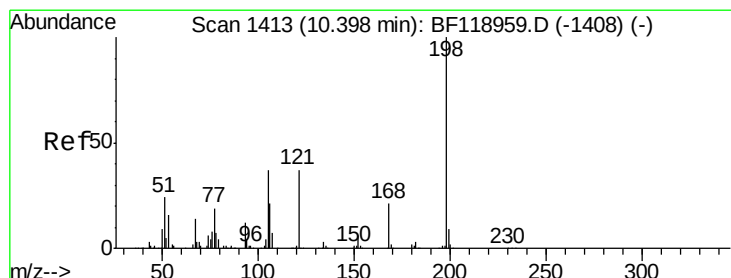
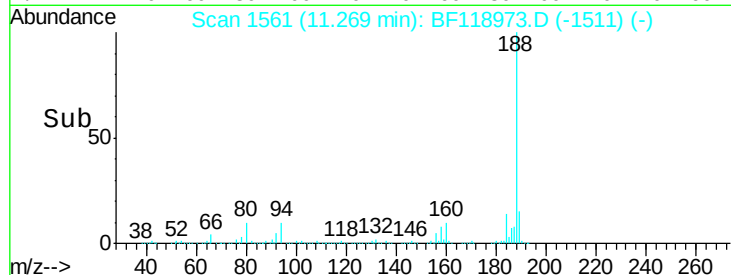
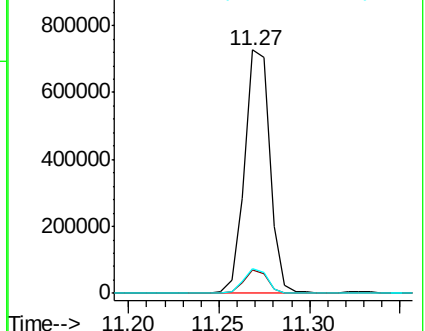
80 10.4 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 0.240 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.18 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

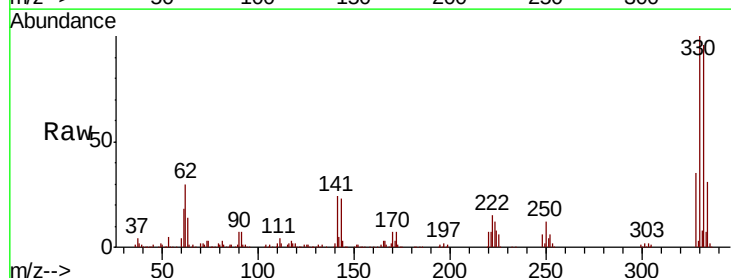
Tgt Ion:198 Resp: 1028

Ion Ratio Lower Upper

198 100

51 95.6 7.1 47.1#

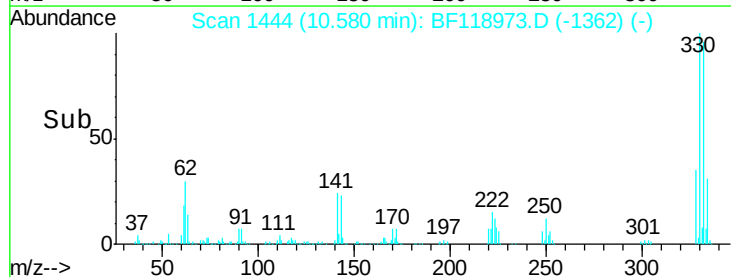
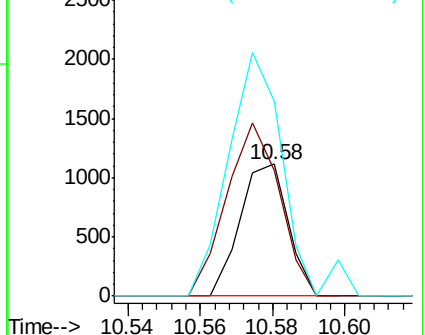
105 147.7 18.3 58.3#

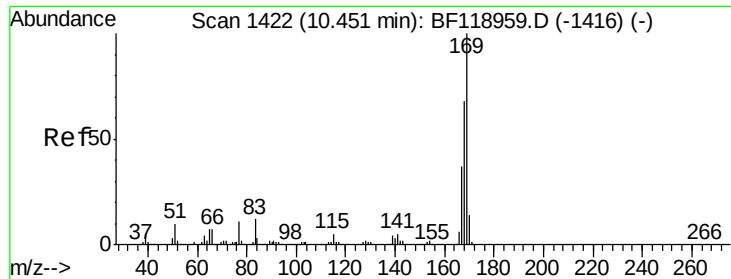


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

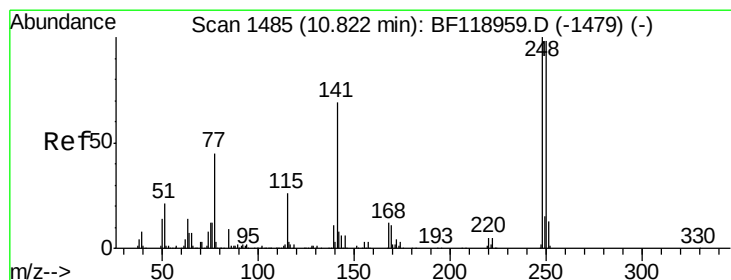
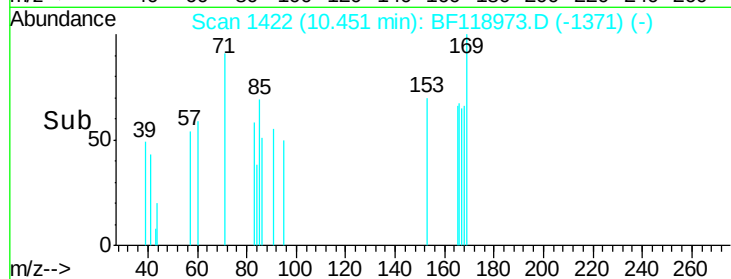
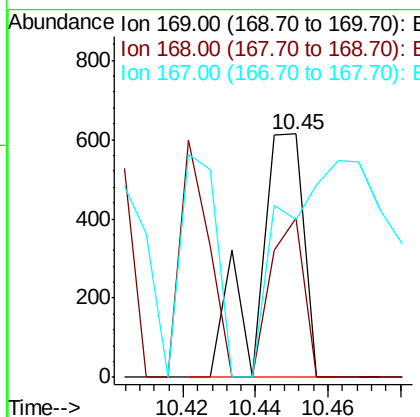
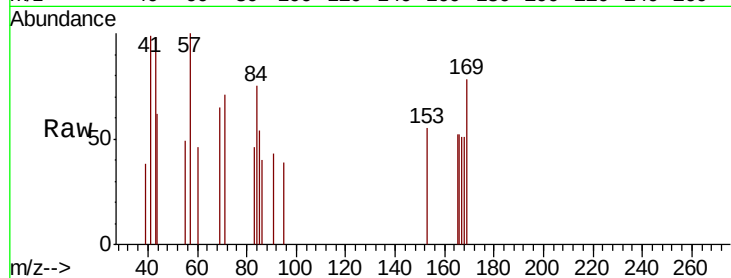




#66
 n-Nitrosodiphenylamine
 Concen: 0.024 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF118973.D
 Acq: 20 Feb 2020 22:12

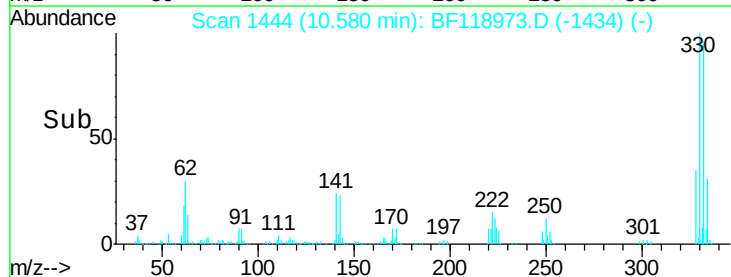
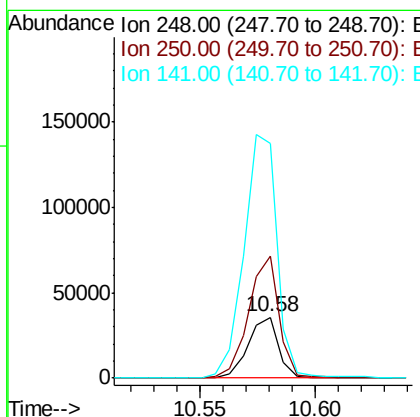
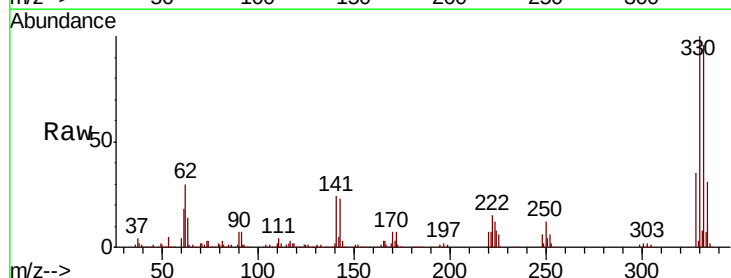
Instrument :
 BNA_F
 ClientSampleId :

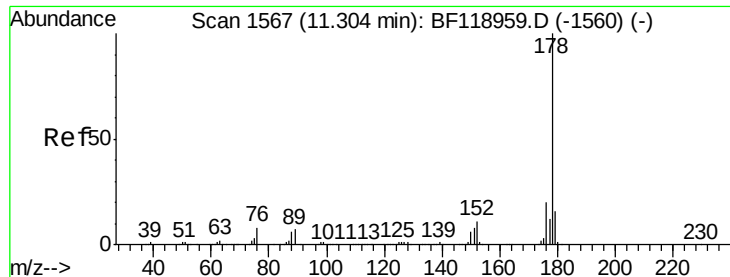
Tot Ion:169 Resp: 545
 Ion Ratio Lower Upper
 169 100
 168 65.6 54.2 81.2
 167 64.7 29.4 44.2#



#67
 4-Bromophenyl-phenylether
 Concen: 3.594 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.24 min
 Lab File: BF118973.D
 Acq: 20 Feb 2020 22:12

Tgt Ion:248 Resp: 33185
 Ion Ratio Lower Upper
 248 100
 250 200.0 78.8 118.2#
 141 385.1 55.3 82.9#

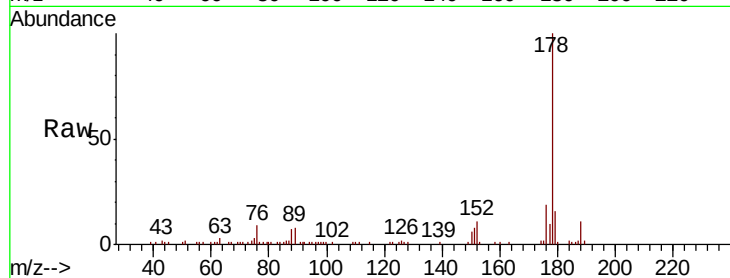




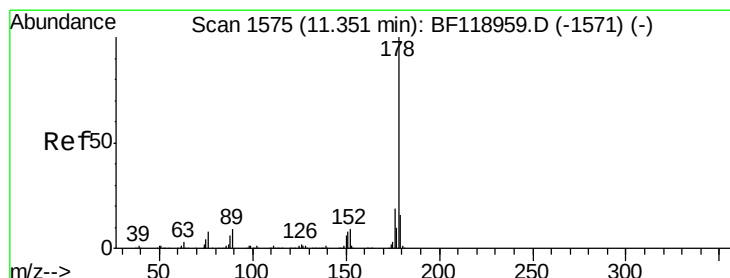
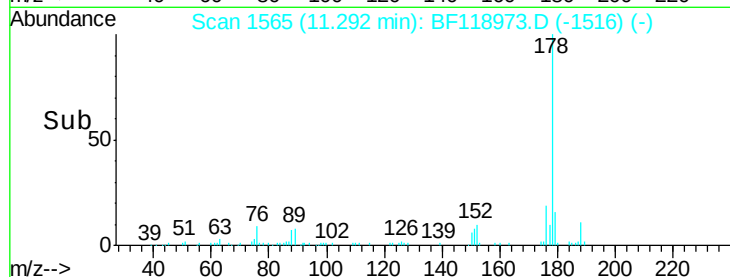
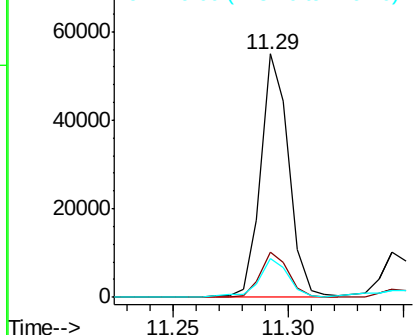
#71
Phenanthrene
Concen: 1.218 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 46915
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.7 12.6 18.8

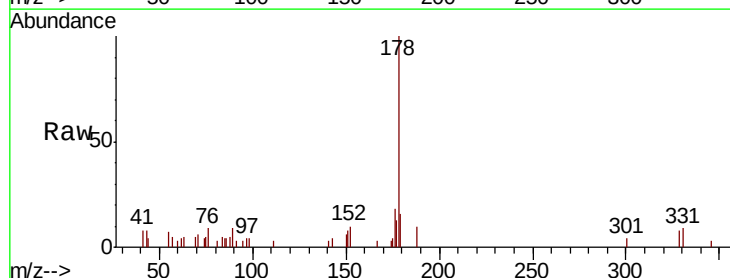


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

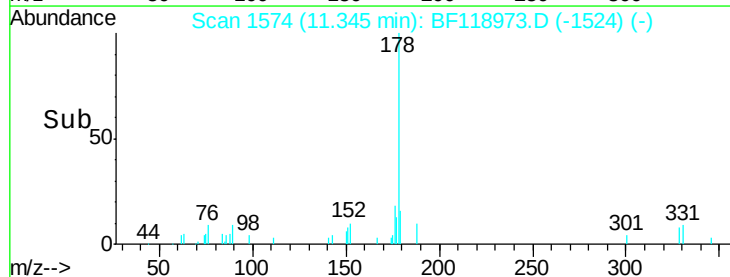
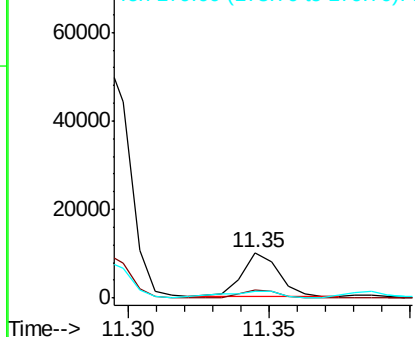


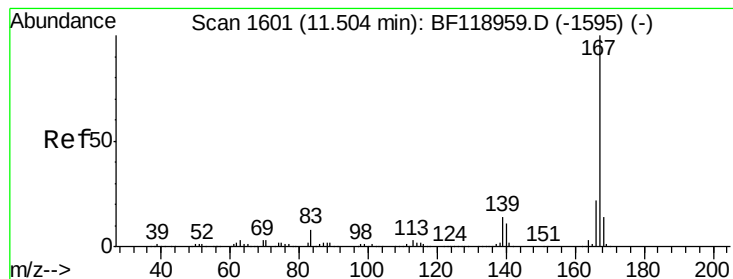
#72
Anthracene
Concen: 0.237 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:178 Resp: 9117
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 15.5 12.8 19.2



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





#73

Carbazole

Concen: 0.159 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

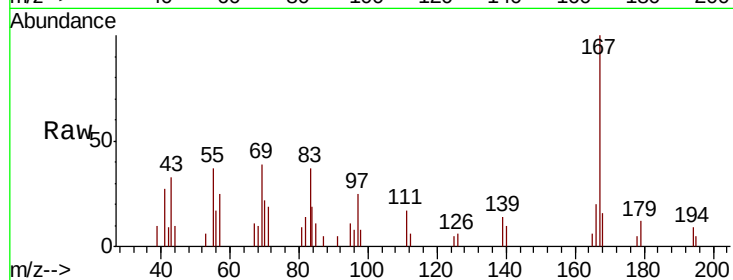
Tot Ion:167 Resp: 5445

Ion Ratio Lower Upper

167 100

166 19.8 17.8 26.6

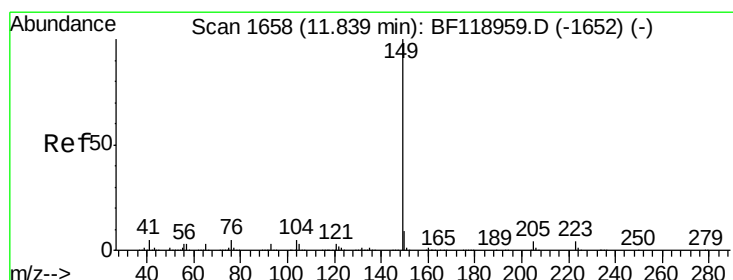
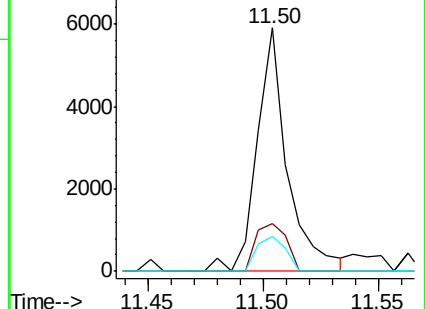
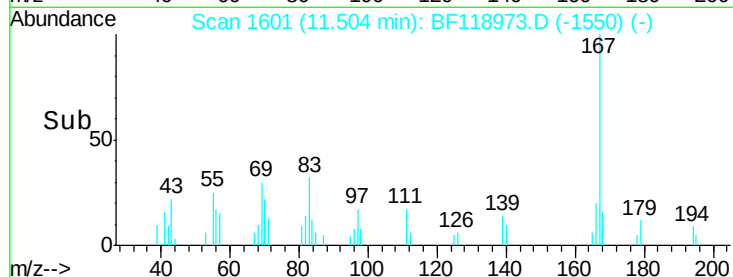
139 14.4 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 0.138 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

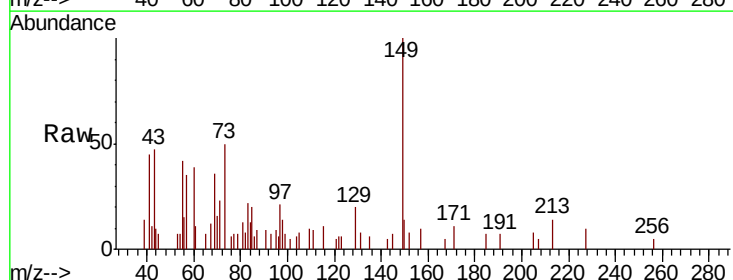
Tgt Ion:149 Resp: 5735

Ion Ratio Lower Upper

149 100

150 13.6 7.5 11.3#

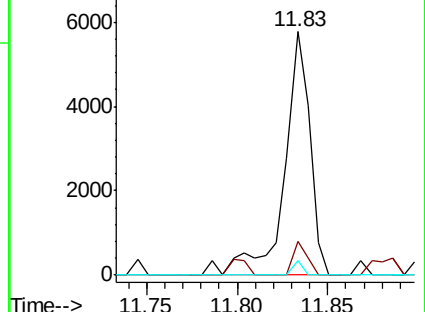
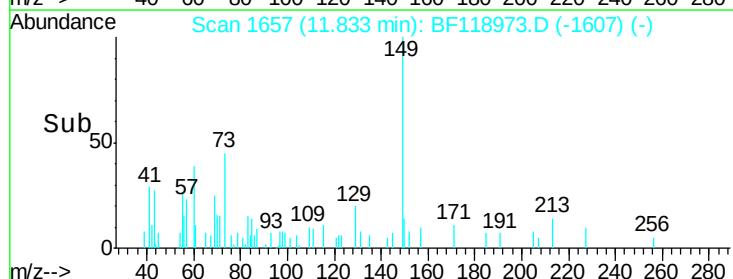
104 6.1 4.0 6.0#

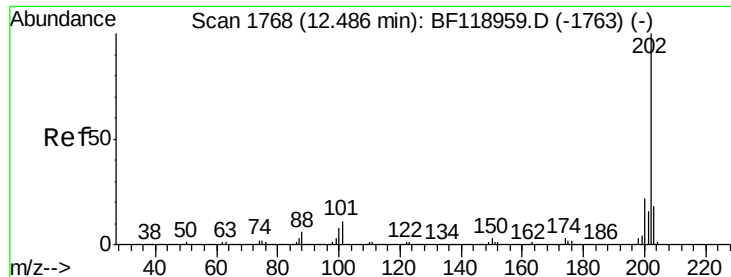


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 1.782 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

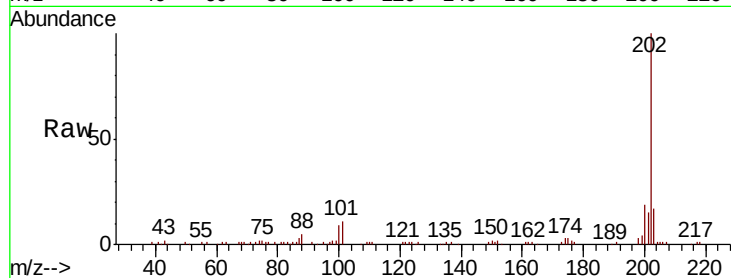
Tot Ion:202 Resp: 72893

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.1

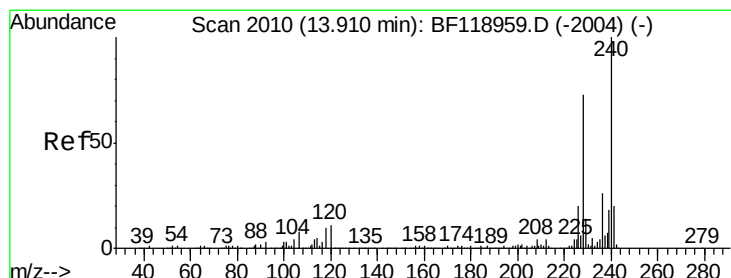
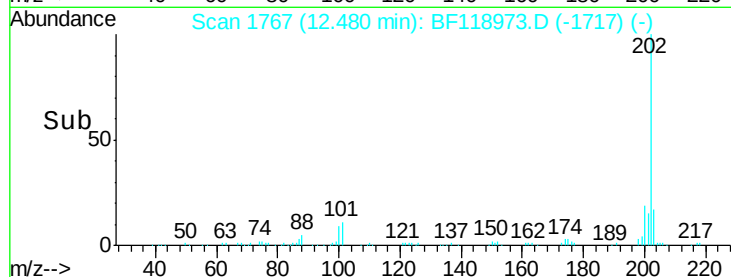
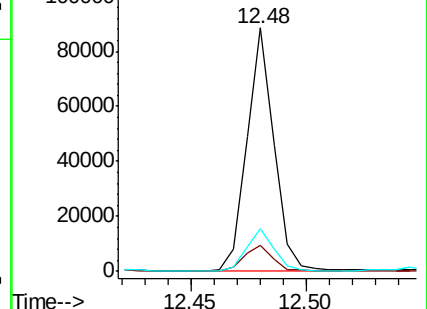
203 17.3 0.0 38.1



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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

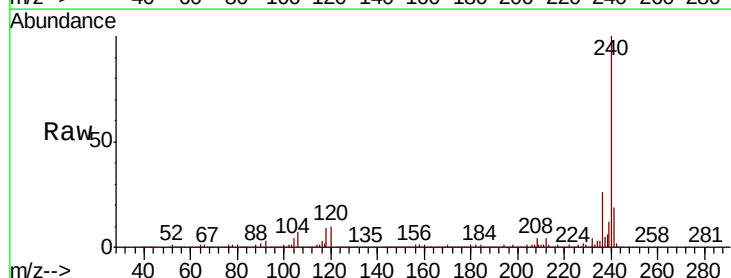
Tgt Ion:240 Resp: 497944

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

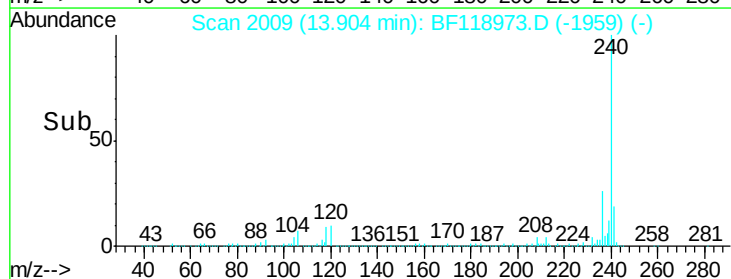
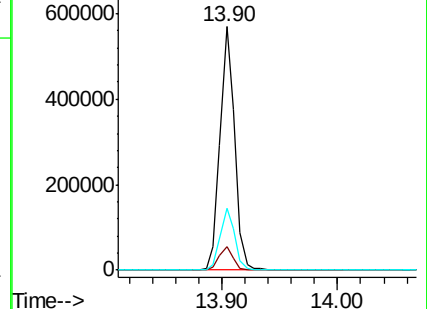
236 25.7 20.6 30.8

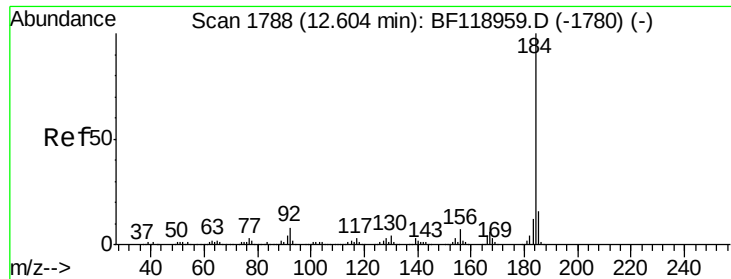


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.018 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.25 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

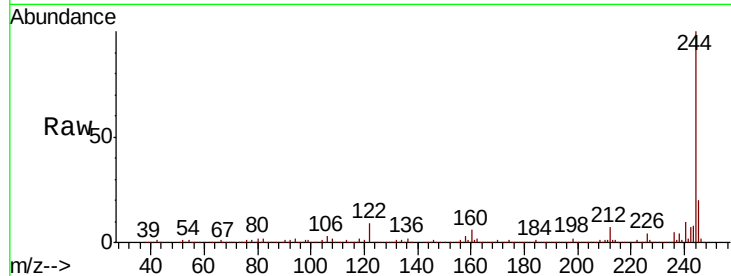
Tot Ion:184 Resp: 20618

Ion Ratio Lower Upper

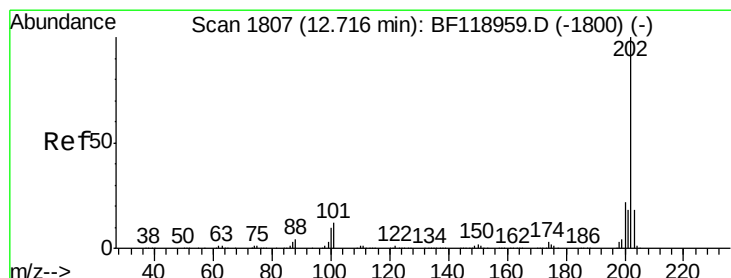
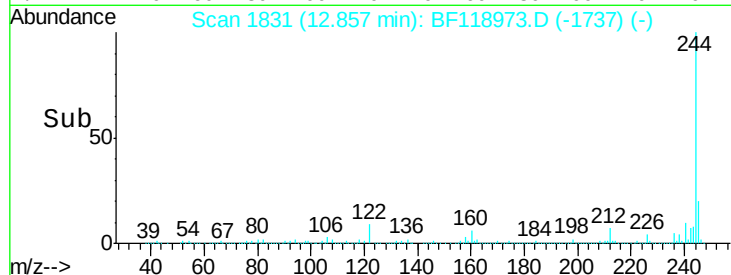
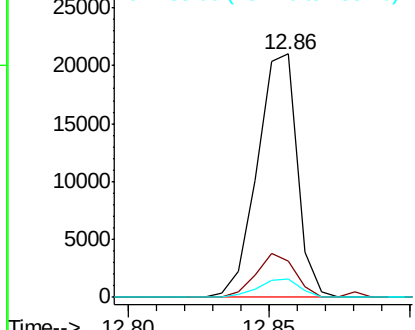
184 100

185 14.7 12.6 19.0

183 7.5 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 1.794 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

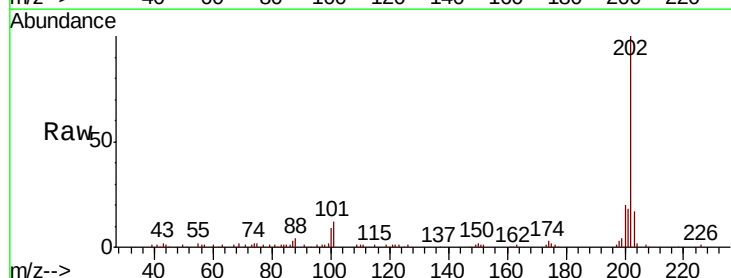
Tgt Ion:202 Resp: 71721

Ion Ratio Lower Upper

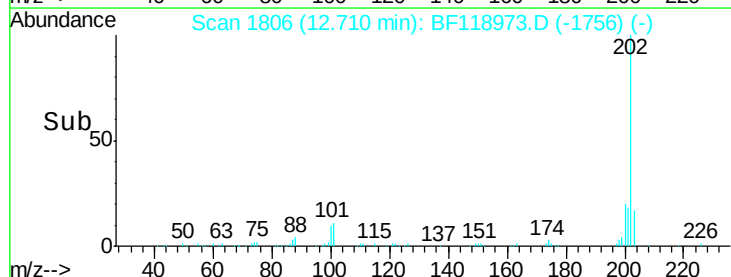
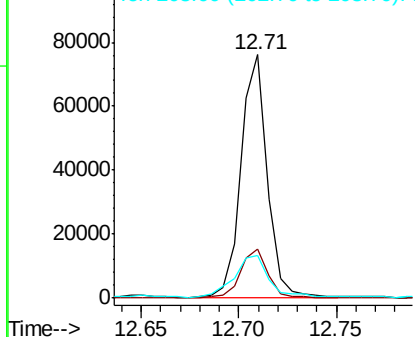
202 100

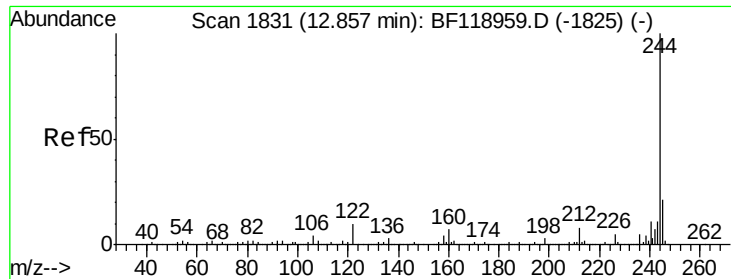
200 20.3 17.4 26.0

203 17.4 14.5 21.7



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: 56.746 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

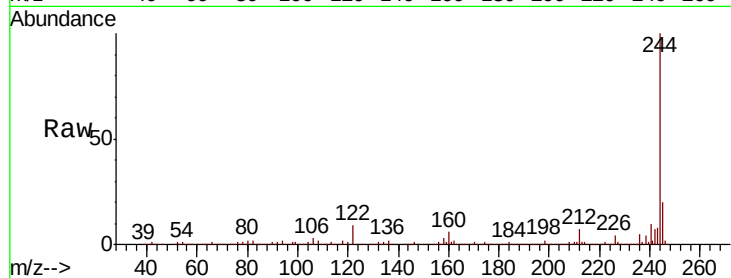
Tot Ion:244 Resp: 1641215

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

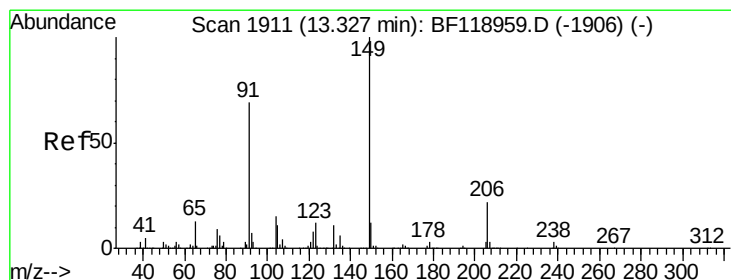
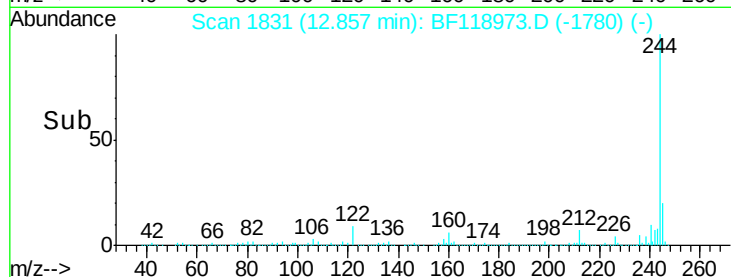
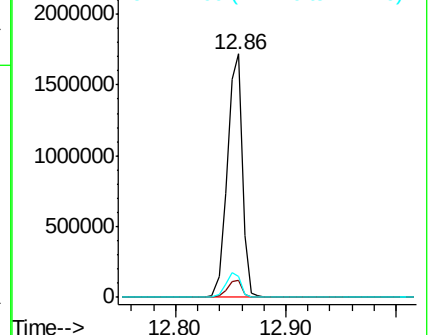
122 8.8 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 0.087 ng

RT: 13.33 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

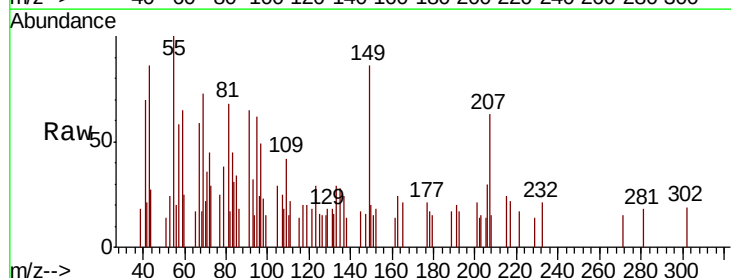
Tgt Ion:149 Resp: 1457

Ion Ratio Lower Upper

149 100

91 75.0 55.4 83.2

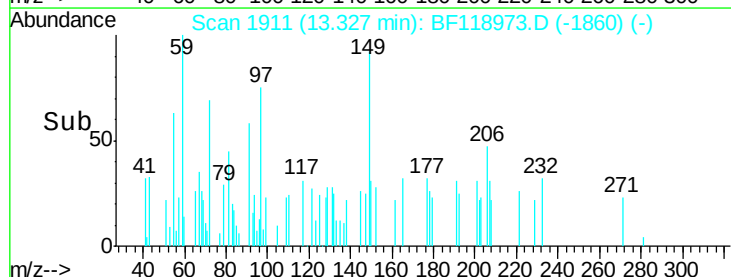
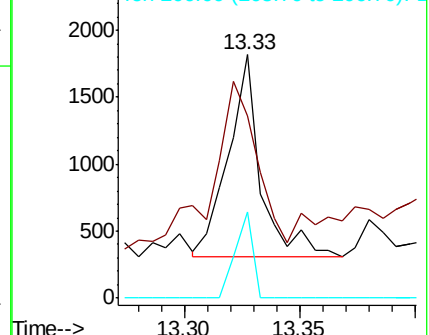
206 35.3 17.7 26.5#

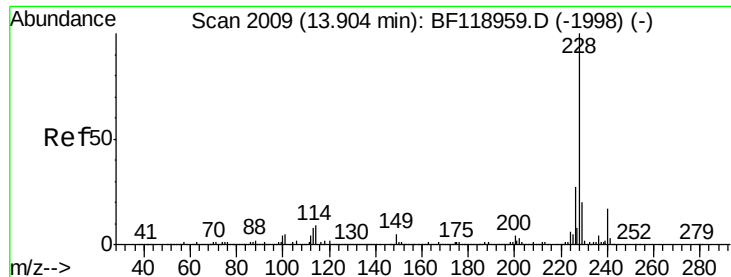


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.998 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

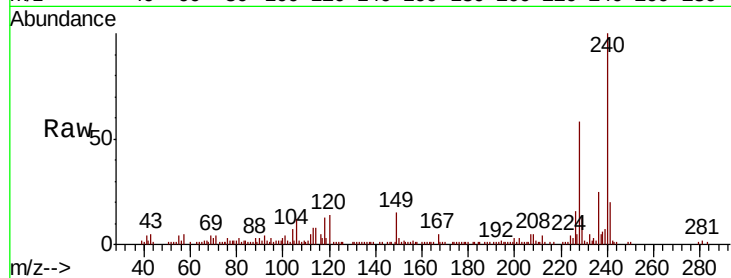
Tot Ion:228 Resp: 33870

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

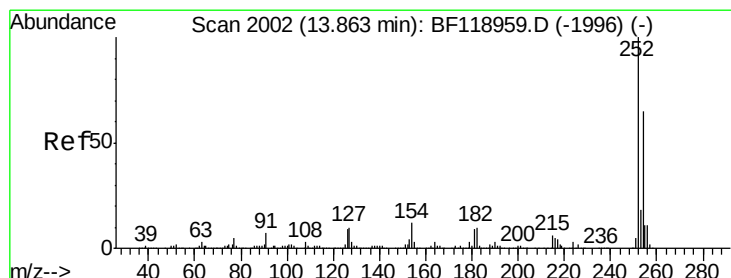
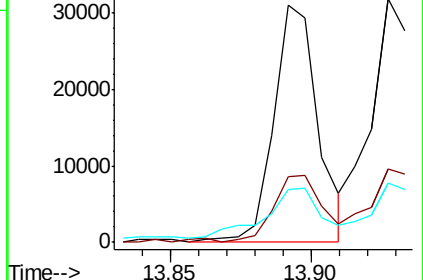
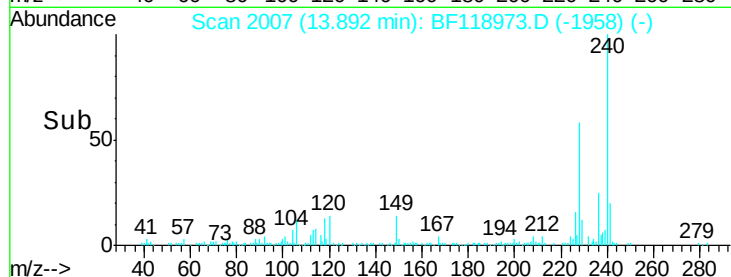
229 22.3 16.0 24.0



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

3,3'-Dichlorobenzidine

Concen: 0.032 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.08 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

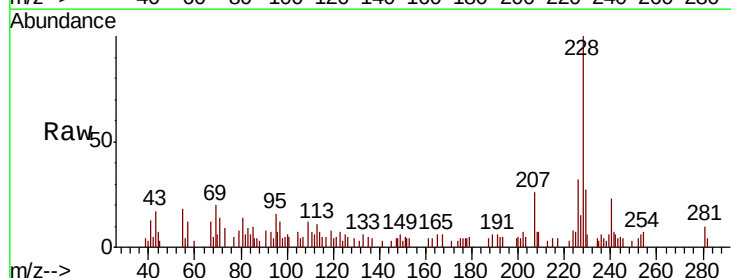
Tgt Ion:252 Resp: 423

Ion Ratio Lower Upper

252 100

254 157.9 52.1 78.1#

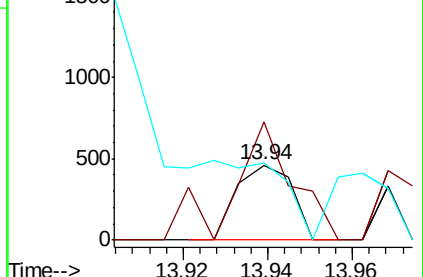
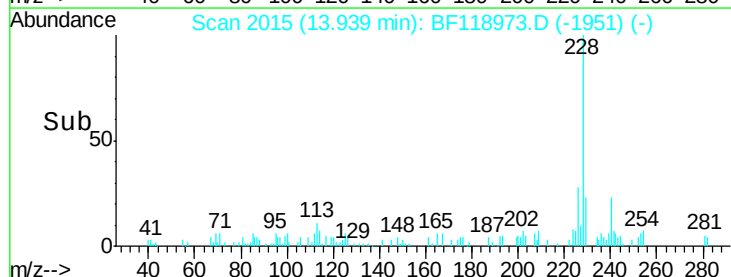
126 102.4 7.3 10.9#

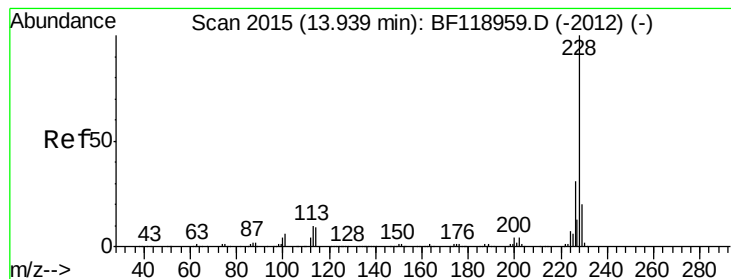


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 1.002 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.05 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

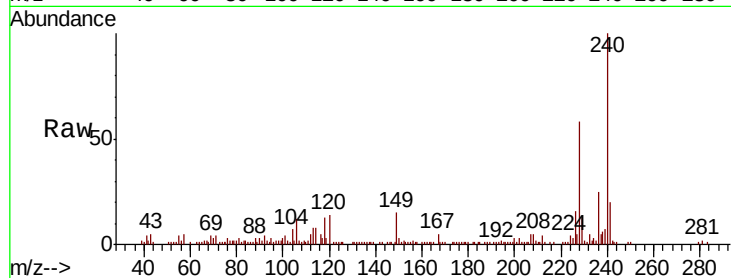
Tot Ion:228 Resp: 33870

Ion Ratio Lower Upper

228 100

226 27.6 24.6 37.0

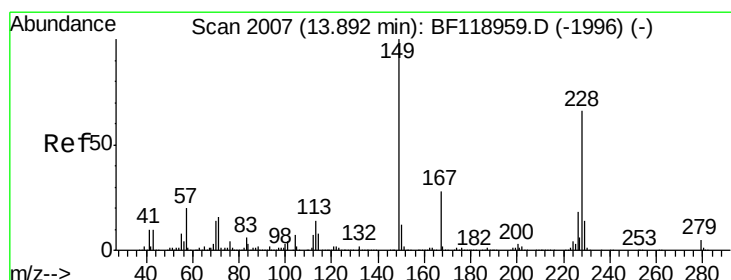
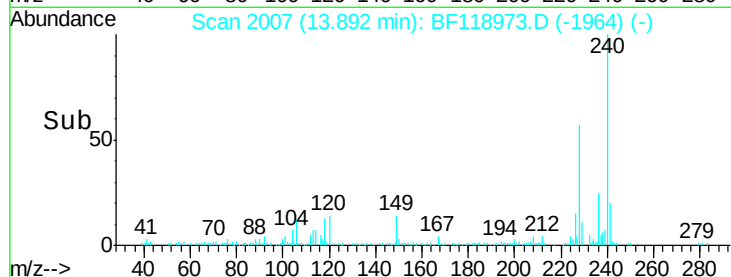
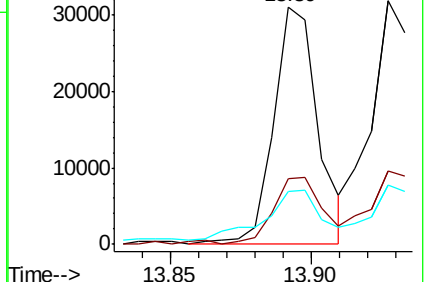
229 22.3 16.2 24.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.386 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

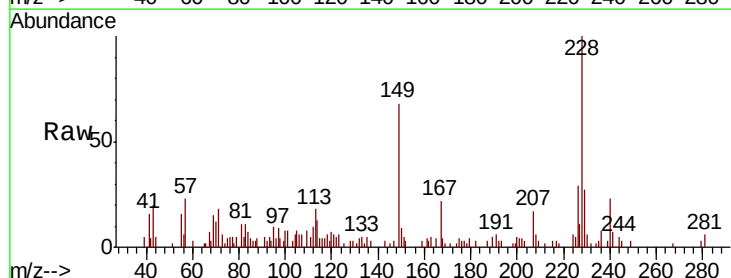
Tgt Ion:149 Resp: 8214

Ion Ratio Lower Upper

149 100

167 31.7 22.3 33.5

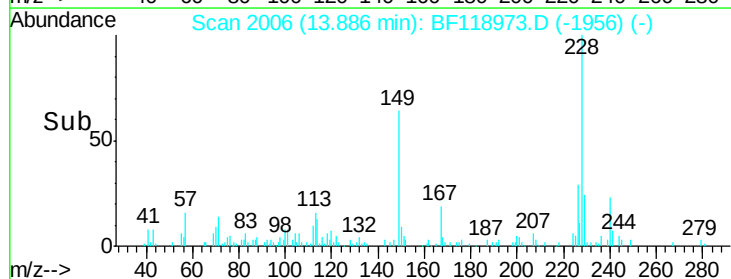
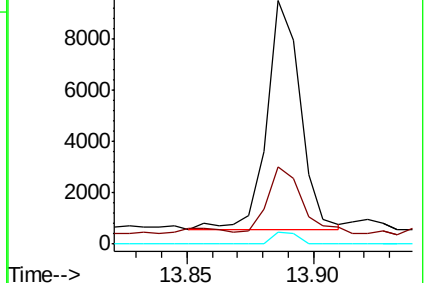
279 5.1 4.2 6.4

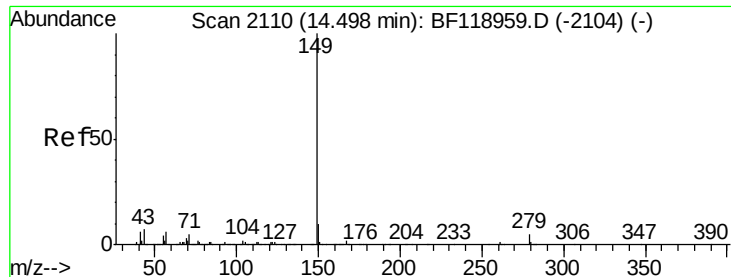


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.031 ng

RT: 14.49 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

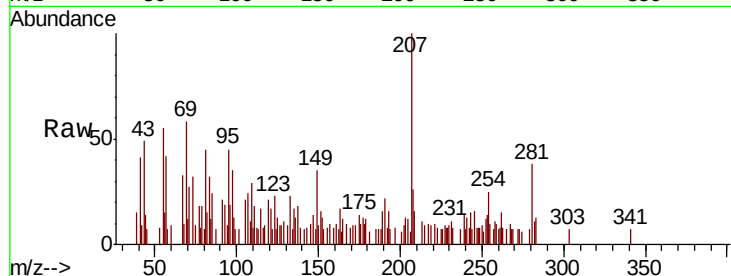
Tot Ion:149 Resp: 1038

Ion Ratio Lower Upper

149 100

167 15.7 1.3 1.9#

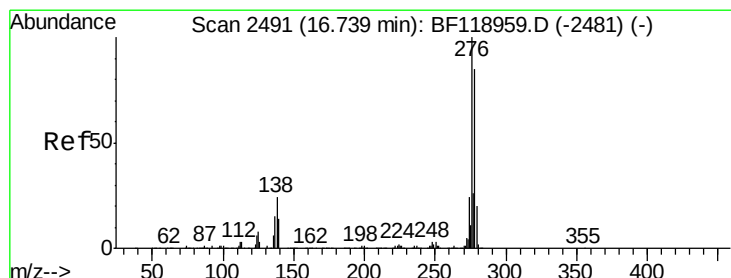
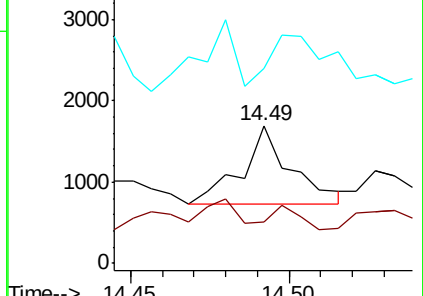
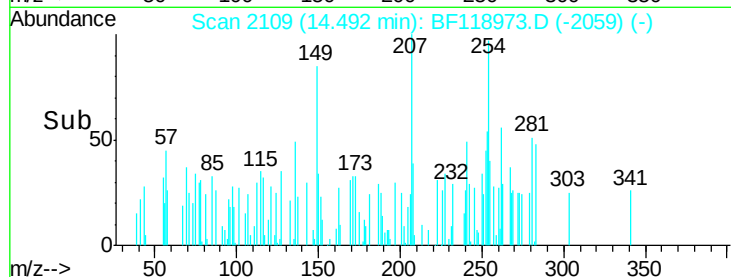
43 88.9 5.2 7.8#



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

Indeno(1,2,3-cd)pyrene

Concen: 0.539 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

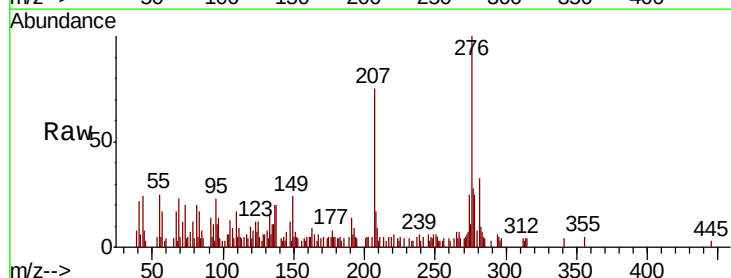
Tgt Ion:276 Resp: 17651

Ion Ratio Lower Upper

276 100

138 22.2 18.7 28.1

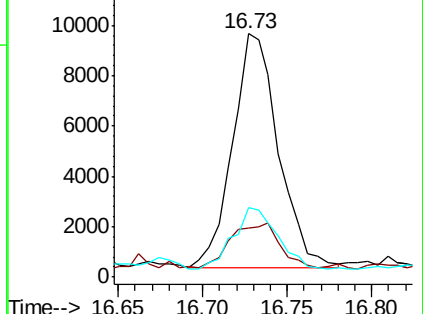
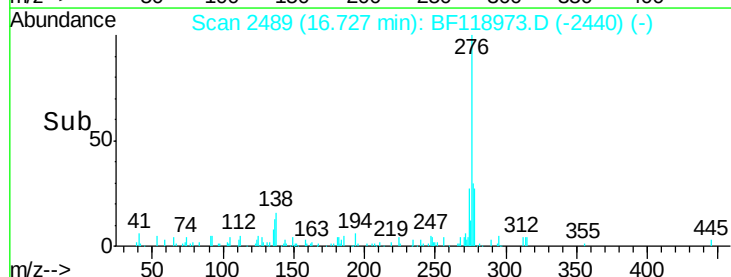
277 26.3 20.3 30.5

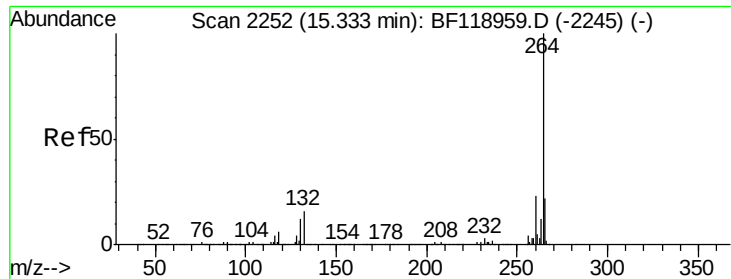


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

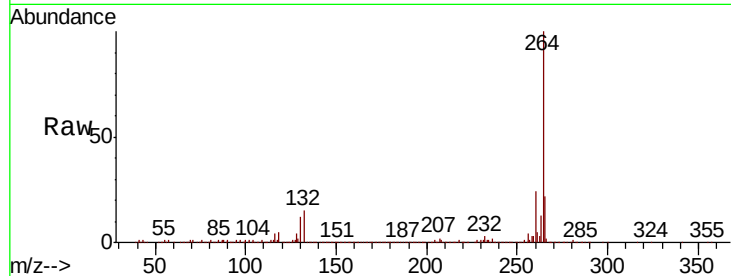
Tot Ion:264 Resp: 496113

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

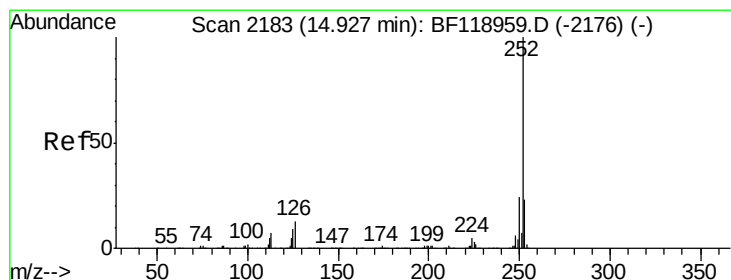
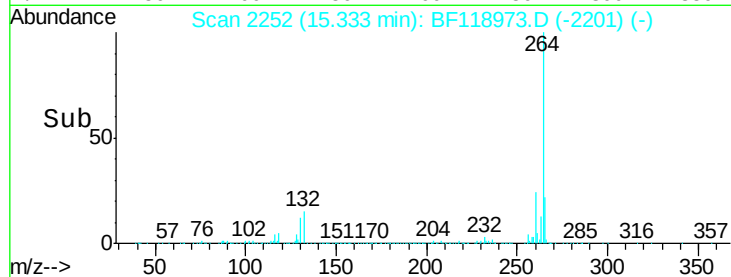
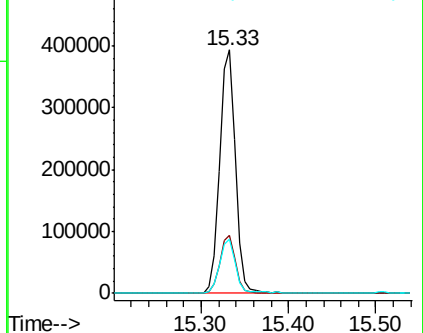
265 22.2 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 1.669 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

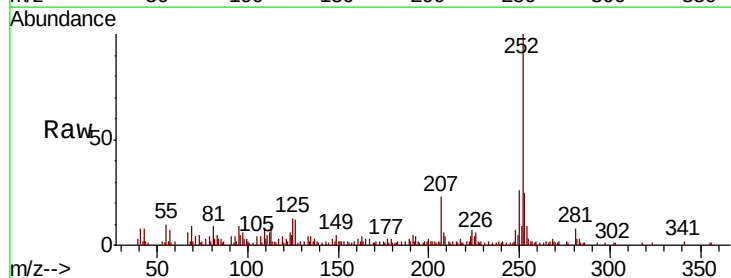
Tgt Ion:252 Resp: 54593

Ion Ratio Lower Upper

252 100

253 25.0 18.2 27.2

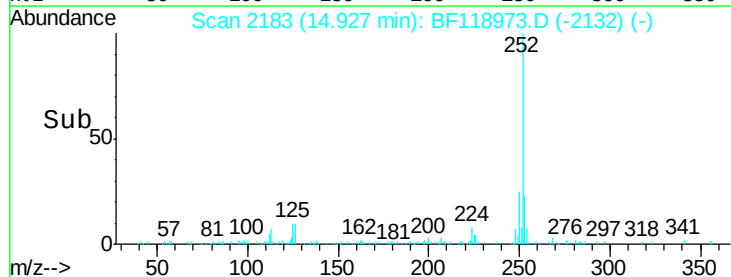
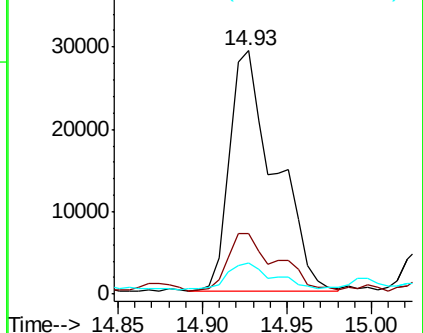
125 12.8 7.4 11.0#

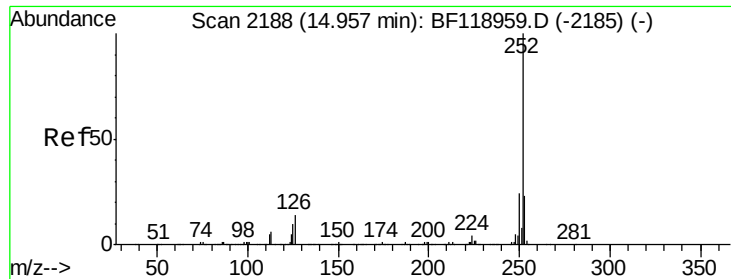


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

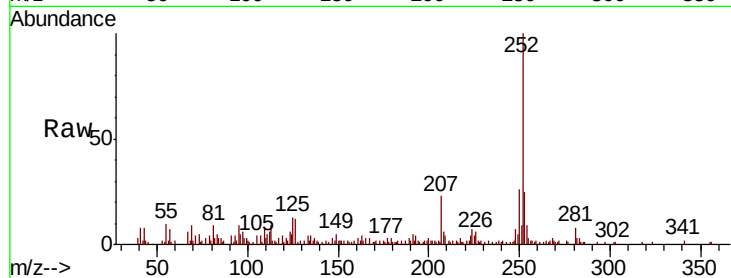




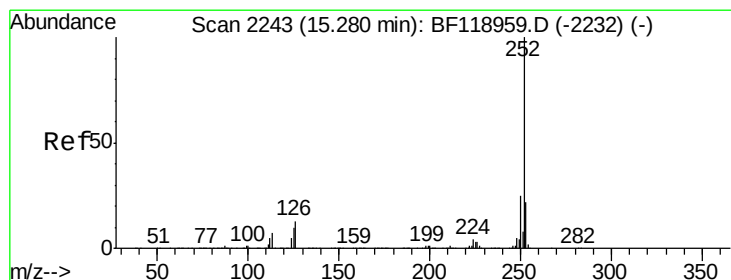
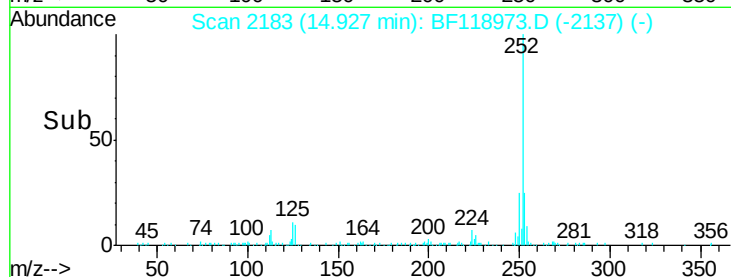
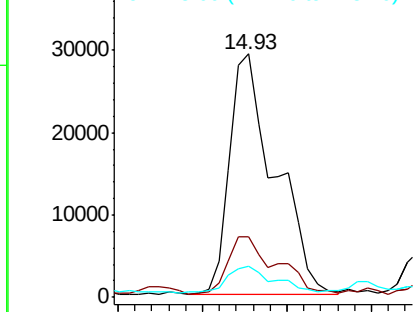
#89
Benzo(k)fluoranthene
Concen: 1.801 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 54593
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 12.8 7.3 10.9#

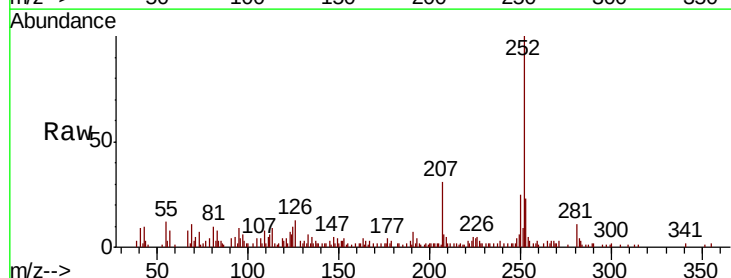


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

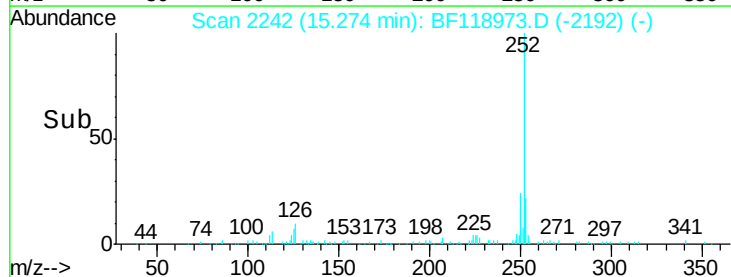
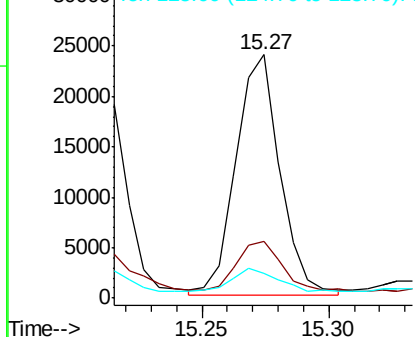


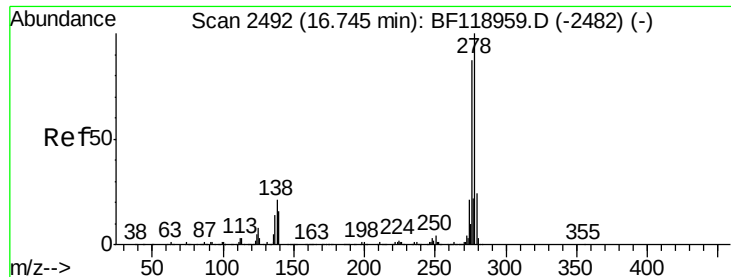
#90
Benzo(a)pyrene
Concen: 0.974 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118973.D
Acq: 20 Feb 2020 22:12

Tgt Ion:252 Resp: 28760
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.4 7.8 11.6



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





#91

Dibenzo(a,h)anthracene

Concen: 0.218 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

Instrument :

BNA_F

ClientSampleId :

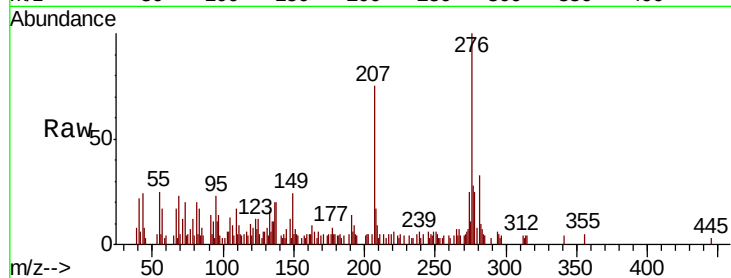
Tot Ion:278 Resp: 5654

Ion Ratio Lower Upper

278 100

139 0.0 12.6 18.8#

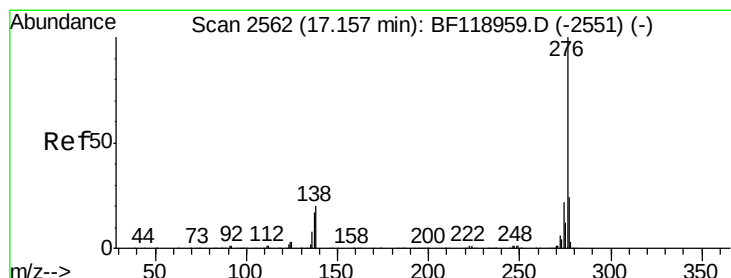
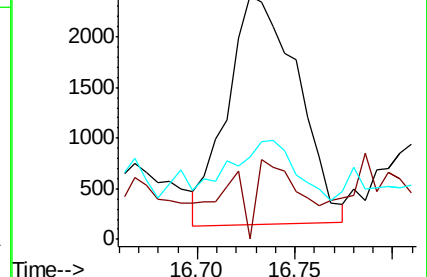
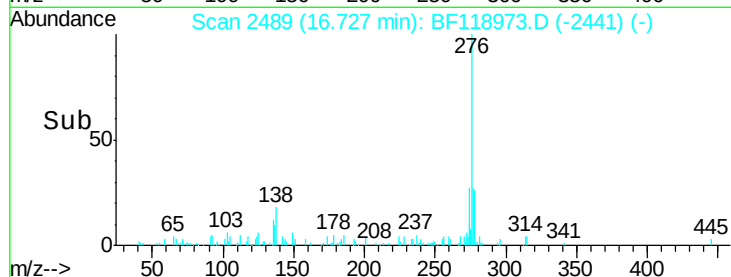
279 33.9 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.863 ng

RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BF118973.D

Acq: 20 Feb 2020 22:12

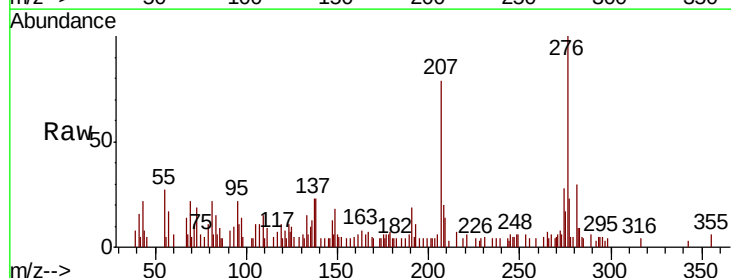
Tgt Ion:276 Resp: 22144

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 23.4 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

