

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112753.D
 Acq On : 28 Feb 2019 11:05
 Operator : JU/SJ
 Sample : K1613-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-1

Quant Time: Mar 01 04:42:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	216649	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	799591	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	336375	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	553012	20.00	ng	0.00
76) Chrysene-d12	13.87	240	437506	20.00	ng	0.00
87) Perylene-d12	15.29	264	548054	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1192041	85.59	ng	0.01
7) Phenol-d6	6.37	99	1528267	87.35	ng	0.00
23) Nitrobenzene-d5	7.30	82	921173	68.94	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	318872	89.29	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1383423	67.93	ng	0.00
79) Terphenyl-d14	12.83	244	1058324	46.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	293	0.042	ng	# 47
3) Pyridine	3.39	79	232	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.12	42	847	0.104	ng	# 1
6) Aniline	6.39	93	1172	0.049	ng	# 1
8) 2-Chlorophenol	6.53	128	492	0.032	ng	# 1
9) Benzaldehyde	6.29	77	899	0.071	ng	# 77
10) Phenol	6.39	94	55320	2.710	ng	# 93
11) bis(2-Chloroethyl)ether	6.51	93	2131	0.136	ng	# 1
15) Benzyl Alcohol	6.90	79	16008	1.200	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.03	45	354	0.014	ng	# 71
17) 2-Methylphenol	6.90	107	119	0.009	ng	# 1
18) Hexachloroethane	7.00	117	114	0.019	ng	# 4
19) n-Nitroso-di-n-propylamine	7.30	70	123072	11.107	ng	# 77
20) 3+4-Methylphenols	7.15	107	636	0.045	ng	# 87
22) Acetophenone	7.14	105	772	0.041	ng	# 62
24) Nitrobenzene	7.30	77	3153	0.212	ng	# 36
25) Isophorone	7.30	82	913628	31.737	ng	# 66
26) 2-Nitrophenol	7.56	139	399	0.064	ng	# 38
27) 2,4-Dimethylphenol	7.68	122	129	0.011	ng	# 64
28) bis(2-Chloroethoxy)methane	7.68	93	107	0.006	ng	# 49
31) Naphthalene	8.05	128	2807	0.071	ng	# 92
32) Benzoic acid	7.73	122	1325	0.164	ng	# 90
33) 4-Chloroaniline	8.05	127	293	0.017	ng	# 1
35) Caprolactam	8.43	113	249	0.063	ng	# 1
36) 4-Chloro-3-methylphenol	8.57	107	155	0.013	ng	# 20
37) 2-Methylnaphthalene	8.83	142	560	0.022	ng	# 93
38) 1-Methylnaphthalene	8.83	142	560	0.023	ng	# 98
46) 1,1'-Biphenyl	9.20	154	3034	0.111	ng	# 87
47) 2-Chloronaphthalene	9.49	162	586	0.027	ng	# 1
48) 2-Nitroaniline	9.30	65	267	0.041	ng	# 4
49) Acenaphthylene	9.63	152	9763	0.268	ng	# 98
50) Dimethylphthalate	9.49	163	96526	3.892	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	42887	8.304	ng	# 18
52) Acenaphthene	9.80	154	648	0.030	ng	# 75

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

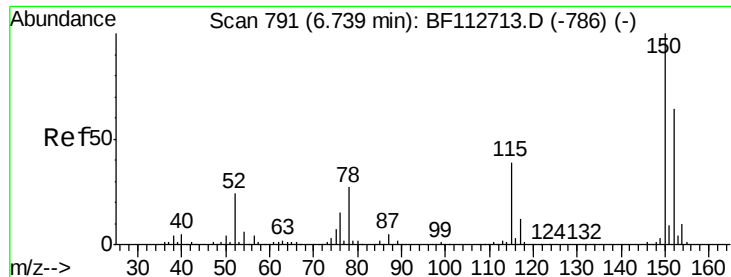
Instrument :
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Quant Time: Mar 01 04:42:31 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) 3-Nitroaniline	9.82	138	106	0.017	ng	# 3
55) Dibenzofuran	9.97	168	1212	0.039	ng	# 85
56) 4-Nitrophenol	9.87	139	403	0.079	ng	# 9
57) 2,4-Dinitrotoluene	10.05	165	1402	0.218	ng	# 47
58) Fluorene	10.32	166	1102	0.050	ng	# 42
60) Diethylphthalate	10.19	149	2285	0.087	ng	# 74
62) 4-Nitroaniline	10.25	138	123	0.021	ng	# 55
63) Azobenzene	10.47	77	716	0.027	ng	# 4
65) 4,6-Dinitro-2-methylphenol	10.55	198	555	4.834	ng	# 1
66) n-Nitrosodiphenylamine	10.43	169	993	0.056	ng	# 71
67) 4-Bromophenyl-phenylether	10.56	248	17916	3.076	ng	# 1
68) Hexachlorobenzene	10.75	284	129	0.020	ng	# 40
71) Phenanthrene	11.27	178	13042	0.474	ng	97
72) Anthracene	11.27	178	13042	0.453	ng	98
73) Carbazole	11.47	167	3740	0.133	ng	# 81
74) Di-n-butylphthalate	11.82	149	24997	0.742	ng	98
75) Fluoranthene	12.45	202	92741	3.146	ng	97
77) Benzidine	12.59	184	1273	0.056	ng	# 1
78) Pyrene	12.68	202	100507	2.725	ng	97
80) Butylbenzylphthalate	13.30	149	95196	5.847	ng	98
81) Benzo(a)anthracene	13.86	228	65438	2.158	ng	96
82) 3,3'-Dichlorobenzidine	13.83	252	261	0.023	ng	# 1
83) Chrysene	13.90	228	59684	2.009	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	615808	32.248	ng	100
85) Di-n-octyl phthalate	14.49	149	1187	0.036	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.63	276	69514	2.745	ng	# 93
88) Benzo(b)fluoranthene	14.88	252	156652	4.419	ng	98
89) Benzo(k)fluoranthene	14.88	252	156652	4.879	ng	98
90) Benzo(a)pyrene	15.22	252	87375	2.787	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	17514	0.655	ng	# 83
92) Benzo(g,h,i)perylene	17.04	276	72637	2.704	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

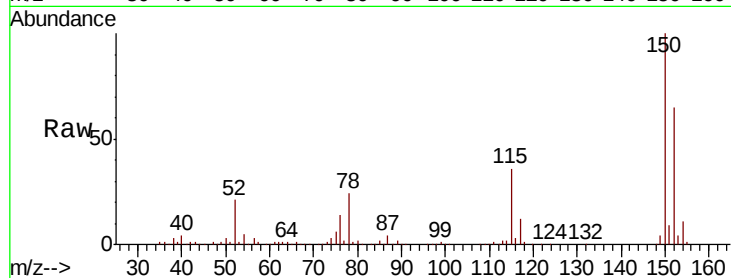
Tgt Ion: 152 Resp: 216649

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

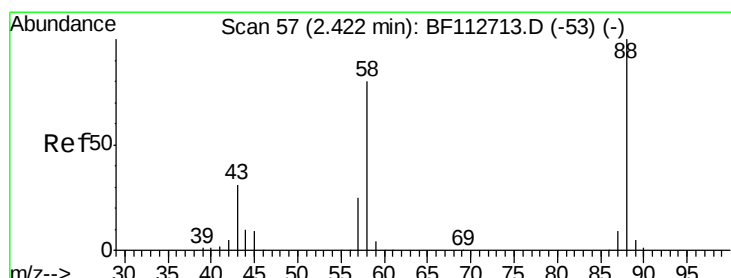
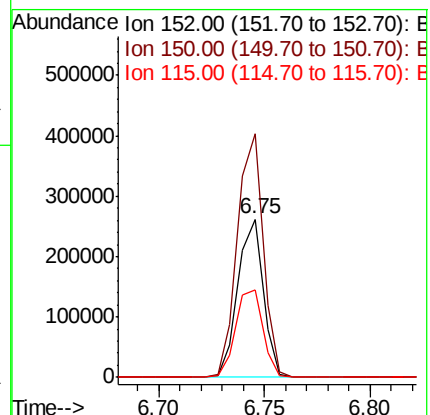
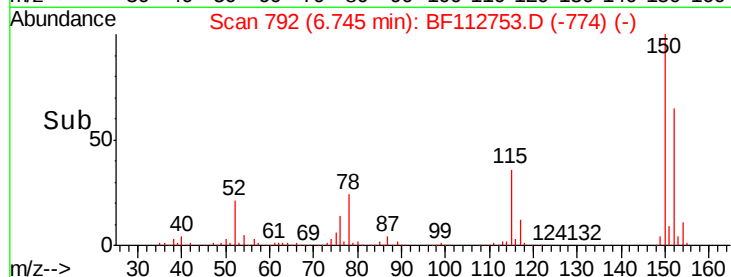
115 55.7 48.2 72.4



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: 0.042 ng

RT: 2.42 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

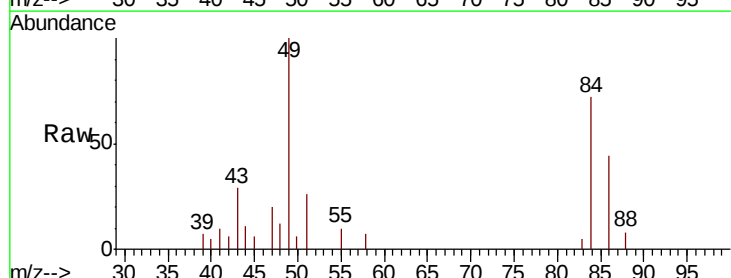
Tgt Ion: 88 Resp: 293

Ion Ratio Lower Upper

88 100

58 137.2 63.1 94.7#

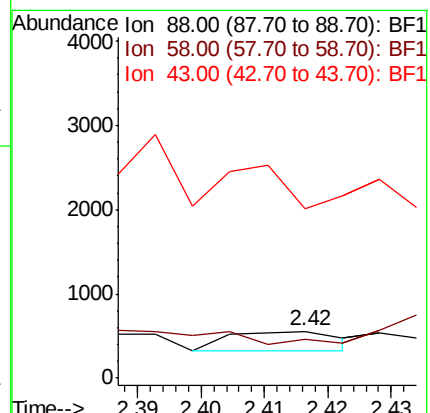
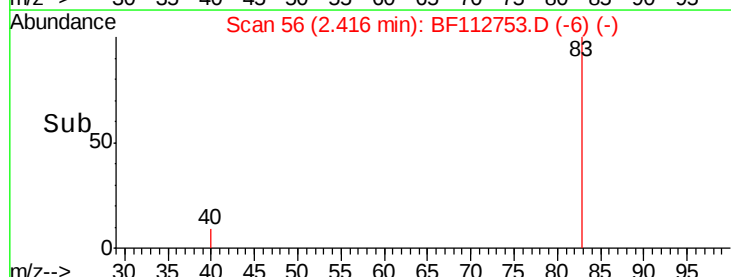
43 40.3 24.3 36.5#

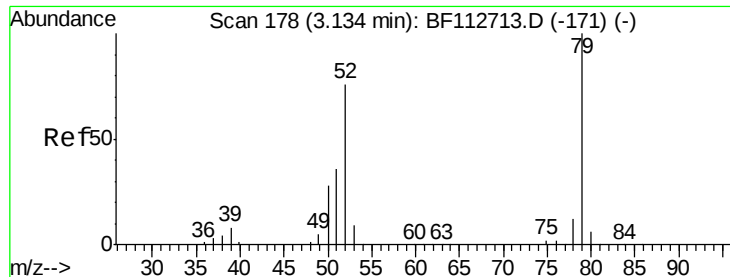


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.012 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.25 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

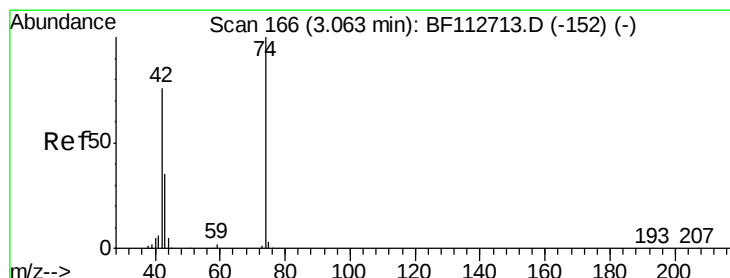
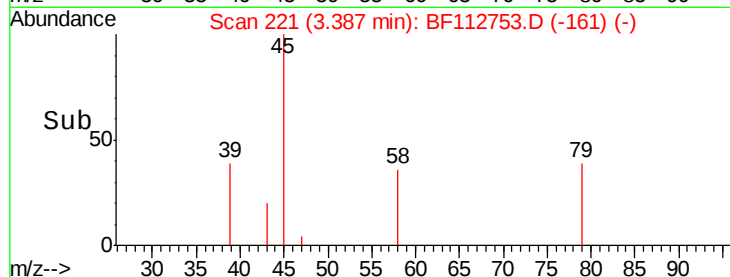
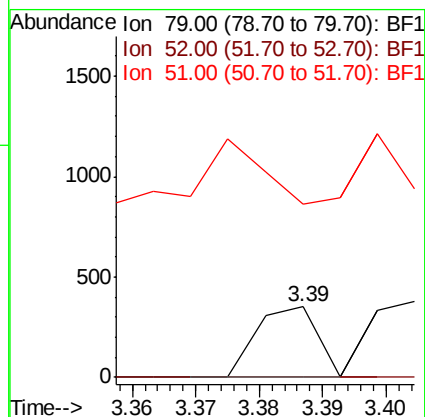
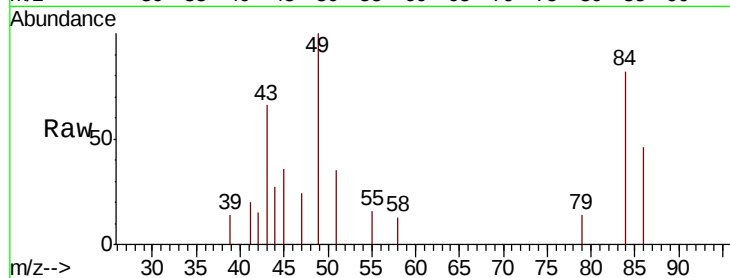
Tgt Ion: 79 Resp: 232

Ion Ratio Lower Upper

79 100

52 0.0 60.5 90.7#

51 246.6 28.8 43.2#



#4

n-Nitrosodimethylamine

Concen: 0.104 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.05 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

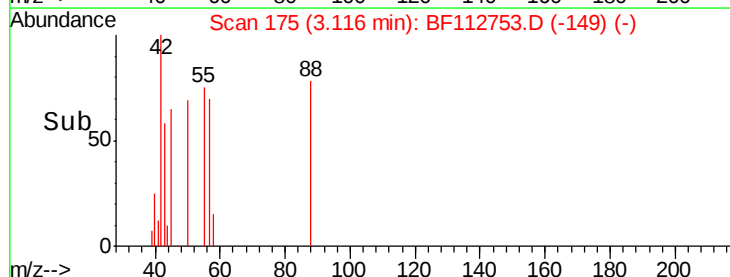
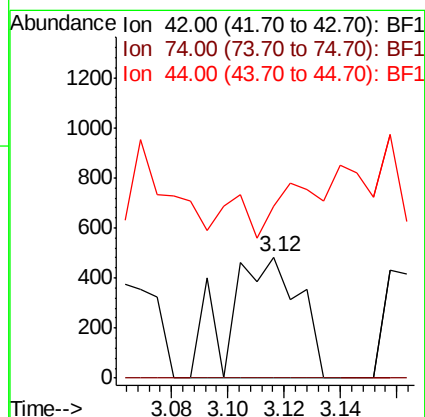
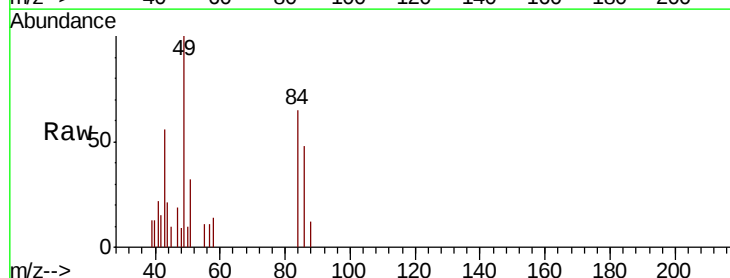
Tgt Ion: 42 Resp: 847

Ion Ratio Lower Upper

42 100

74 0.0 105.8 158.8#

44 142.1 6.2 9.2#





#5

2-Fluorophenol

Concen: 85.589 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

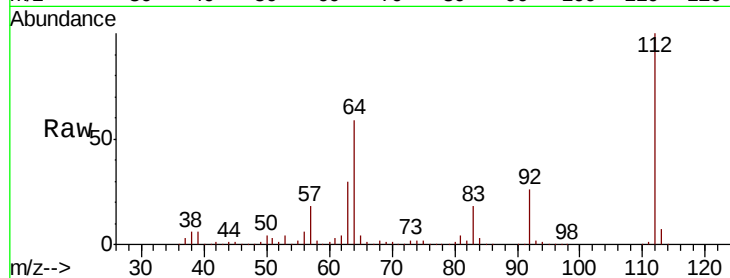
Tgt Ion: 112 Resp: 1192041

Ion Ratio Lower Upper

112 100

64 58.7 47.6 71.4

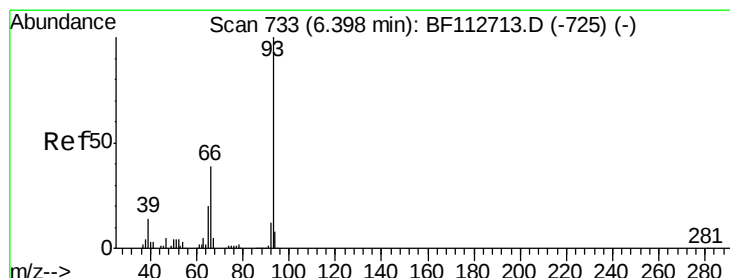
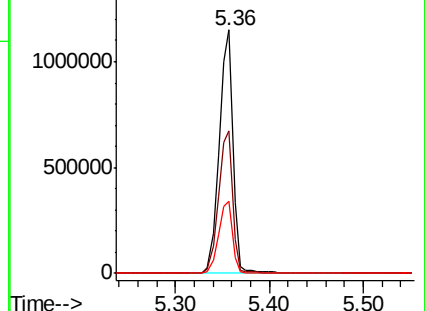
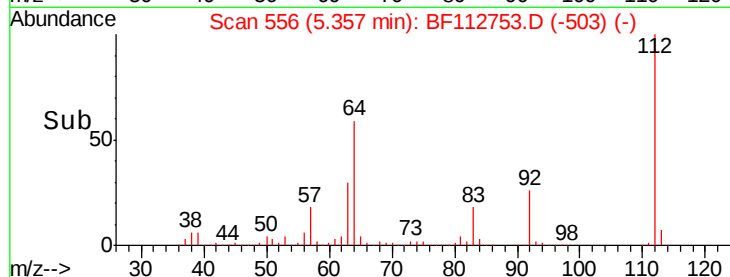
63 29.8 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF112753.D (-503) (-)

Ion 64.00 (63.70 to 64.70): BF112753.D (-503) (-)

Ion 63.00 (62.70 to 63.70): BF112753.D (-503) (-)



#6

Aniline

Concen: 0.049 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

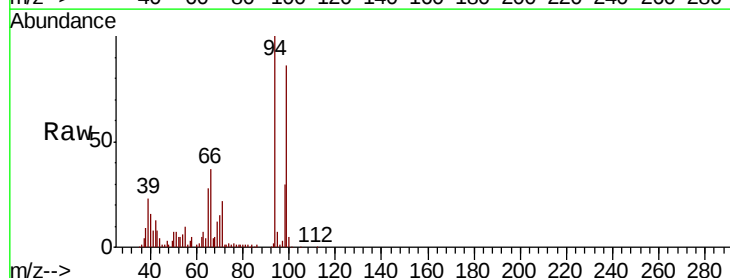
Tgt Ion: 93 Resp: 1172

Ion Ratio Lower Upper

93 100

66 1886.5 32.2 48.2#

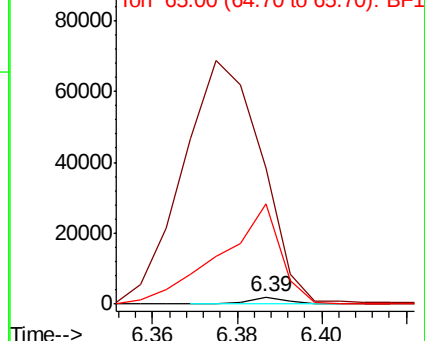
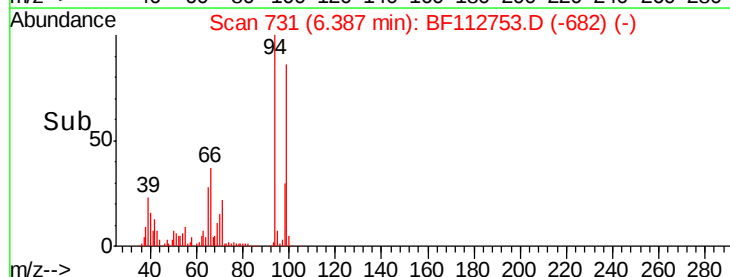
65 1397.7 16.2 24.4#

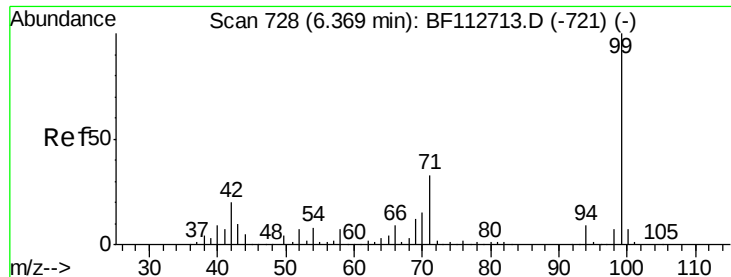


Abundance Ion 93.00 (92.70 to 93.70): BF112753.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BF112753.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BF112753.D (-682) (-)





#7

Phenol-d6

Concen: 87.353 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

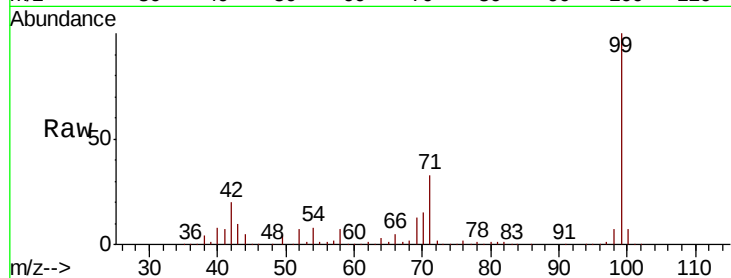
Tgt Ion: 99 Resp: 1528267

Ion Ratio Lower Upper

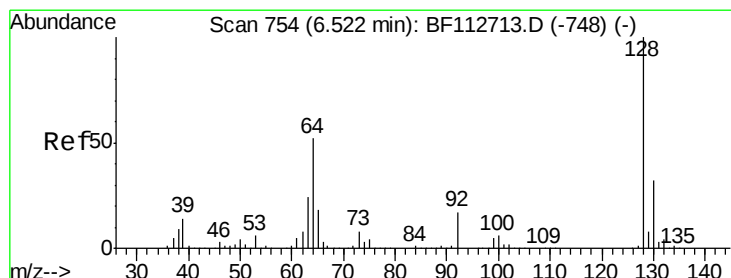
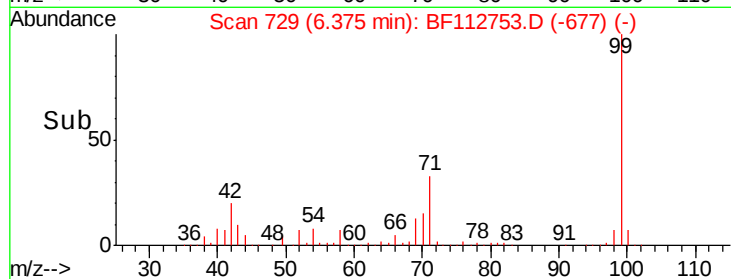
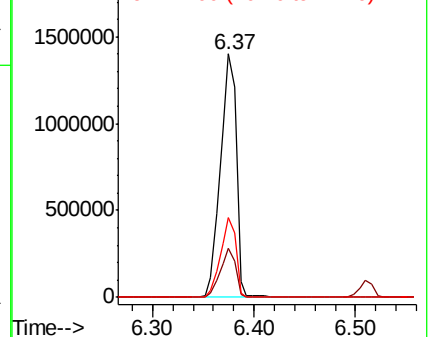
99 100

42 19.9 16.3 24.5

71 32.8 26.2 39.4



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



#8

2-Chlorophenol

Concen: 0.032 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

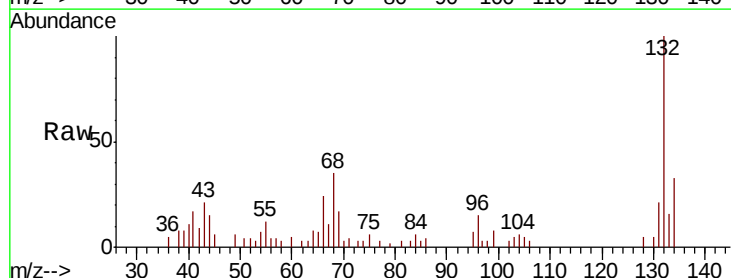
Tgt Ion: 128 Resp: 492

Ion Ratio Lower Upper

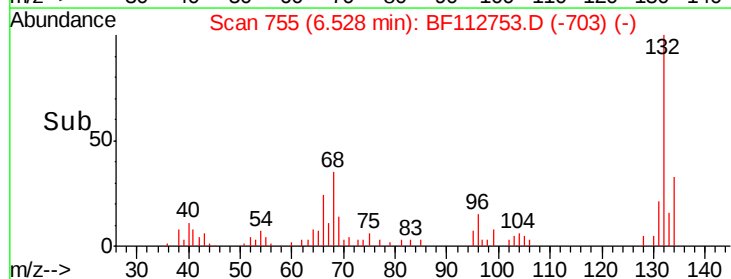
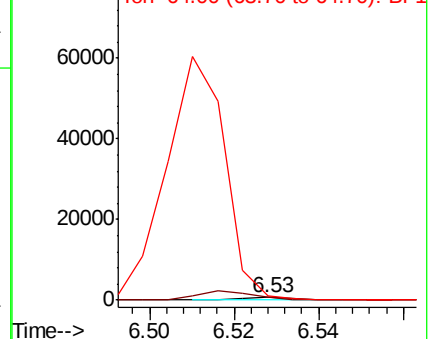
128 100

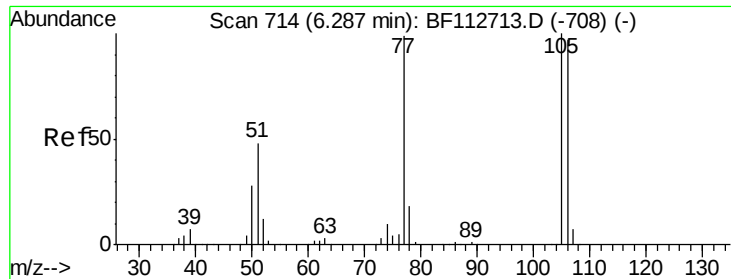
130 103.1 12.4 52.4#

64 164.0 32.2 72.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.071 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

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ClientSampled :

L-1

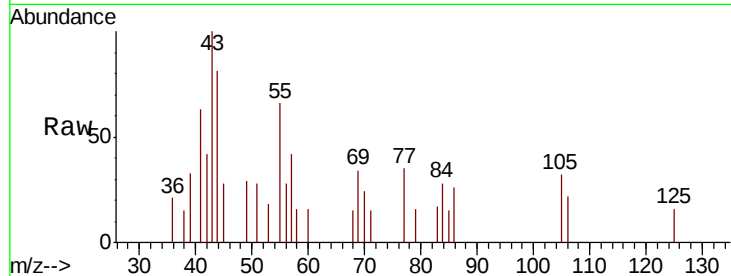
Tgt Ion: 77 Resp: 899

Ion Ratio Lower Upper

77 100

105 91.1 81.4 121.4

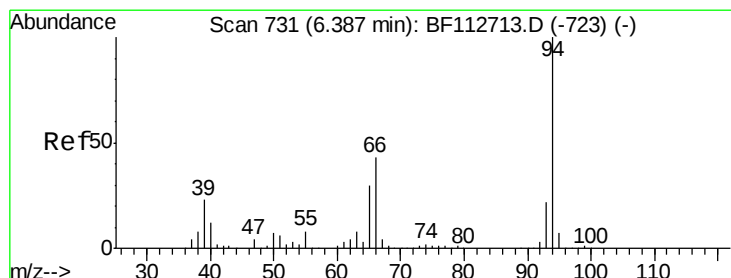
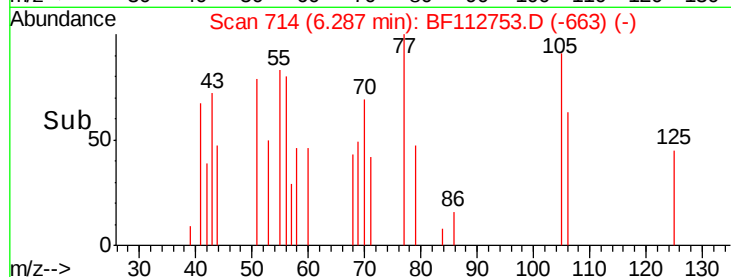
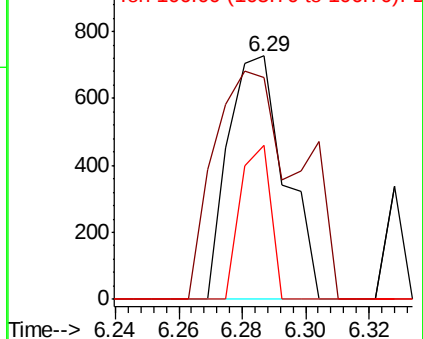
106 63.4 78.3 118.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.710 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

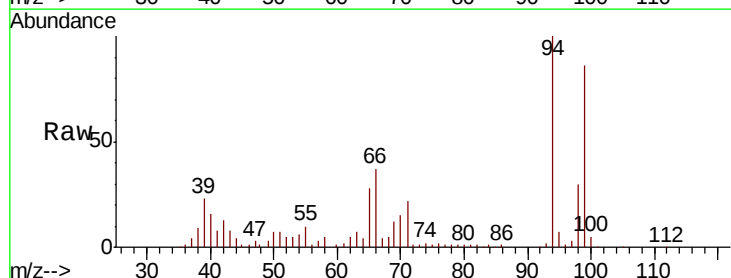
Tgt Ion: 94 Resp: 55320

Ion Ratio Lower Upper

94 100

65 27.5 10.5 50.5

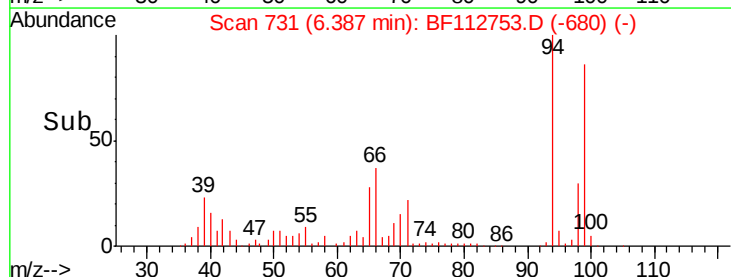
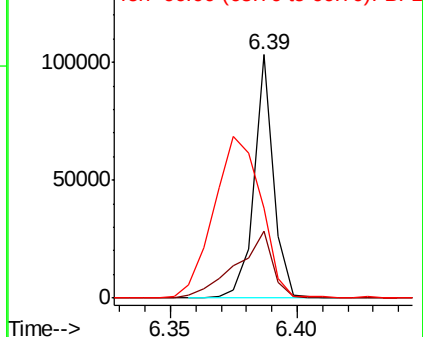
66 37.1 22.6 62.6



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

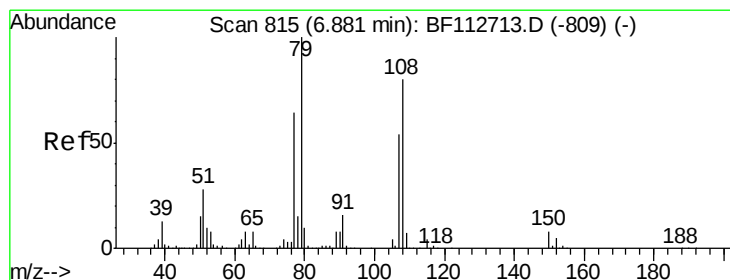
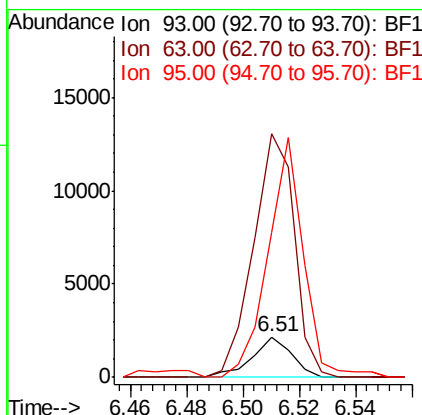
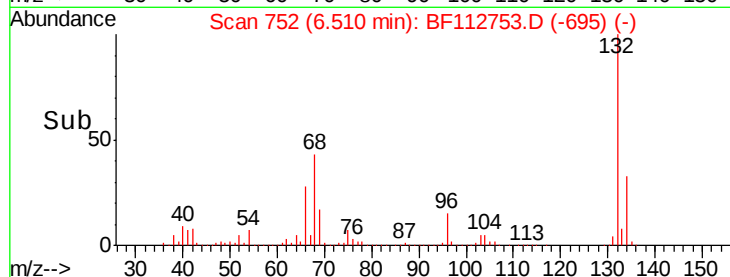
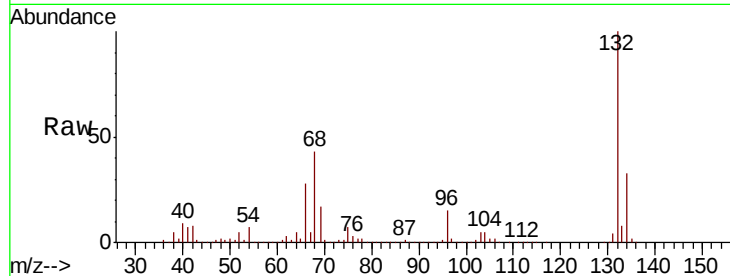




#11
bis(2-Chloroethyl)ether
Concen: 0.136 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

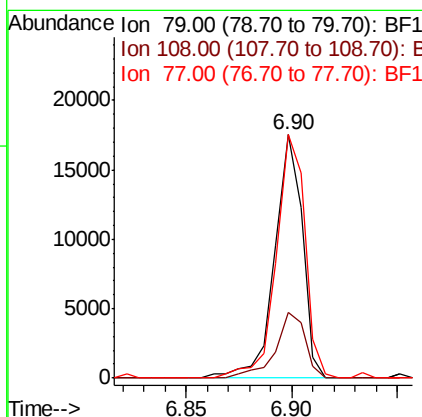
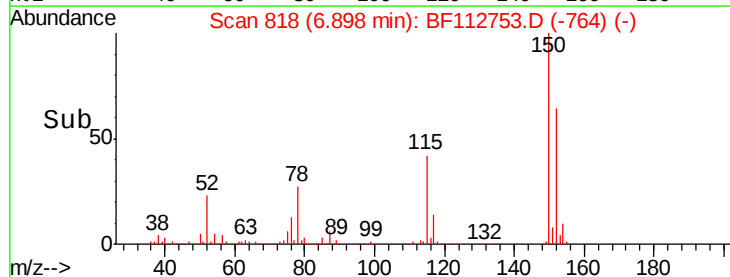
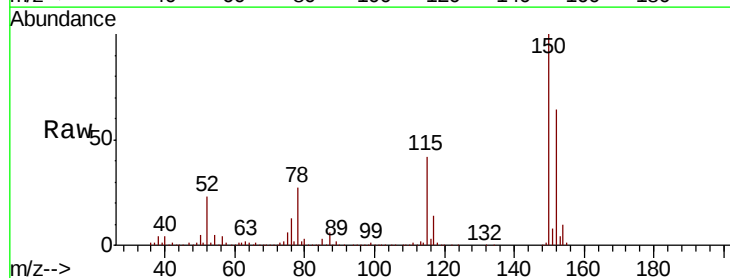
Instrument :
BNA_F
ClientSampleId :
L-1

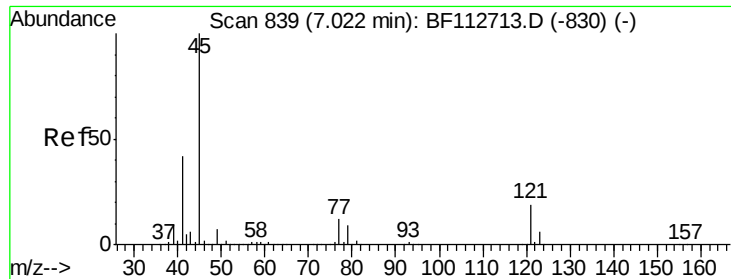
Tgt Ion: 93 Resp: 2131
Ion Ratio Lower Upper
93 100
63 604.5 60.5 100.5#
95 359.4 12.1 52.1#



#15
Benzyl Alcohol
Concen: 1.200 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 79 Resp: 16008
Ion Ratio Lower Upper
79 100
108 26.9 64.2 96.4#
77 100.1 51.1 76.7#

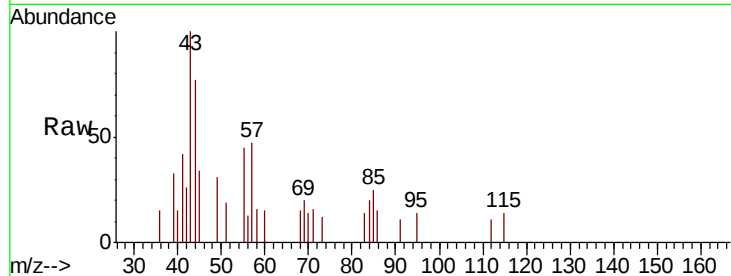




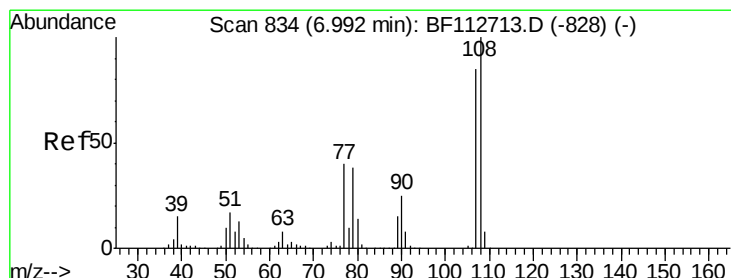
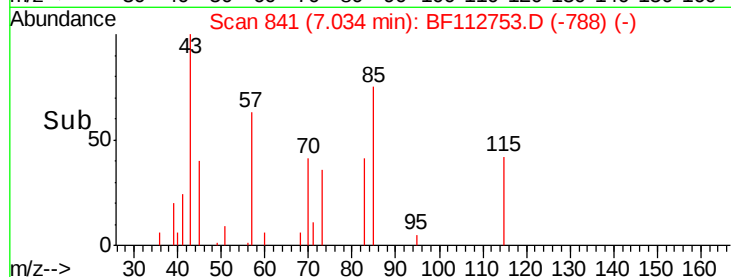
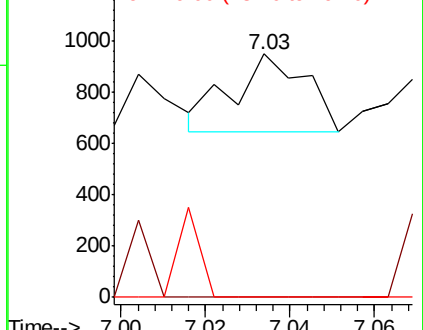
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampled :
L-1

Tgt Ion: 45 Resp: 354
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.1
79 0.0 0.0 29.4

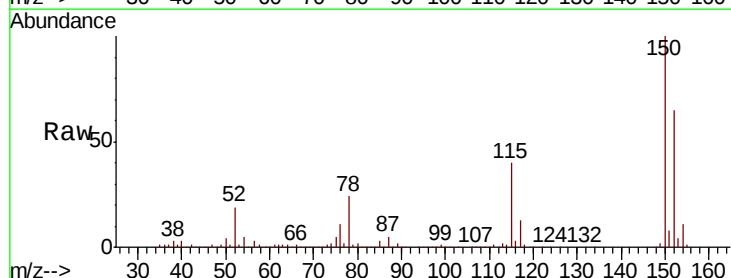


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

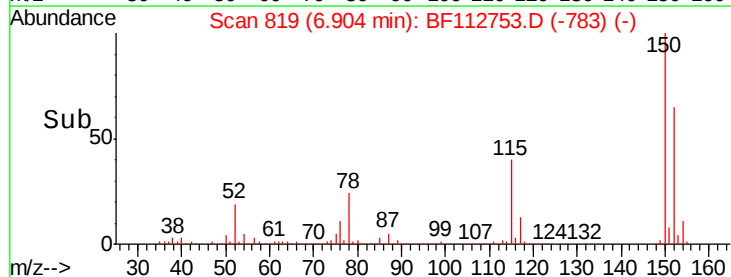
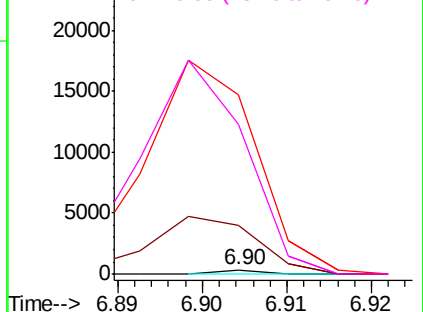


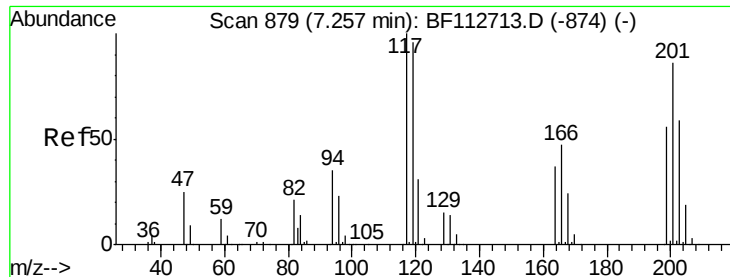
#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.09 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 107 Resp: 119
Ion Ratio Lower Upper
107 100
108 1178.6 94.6 142.0#
77 4383.7 37.8 56.8#
79 3655.5 36.2 54.2#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

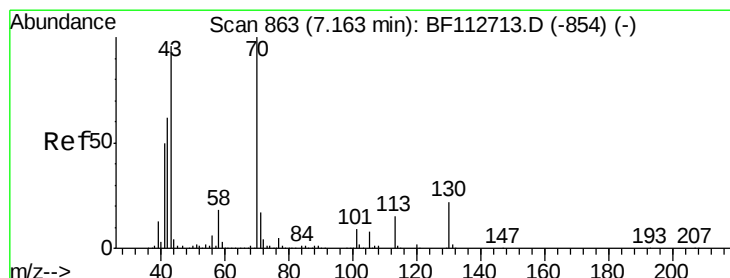
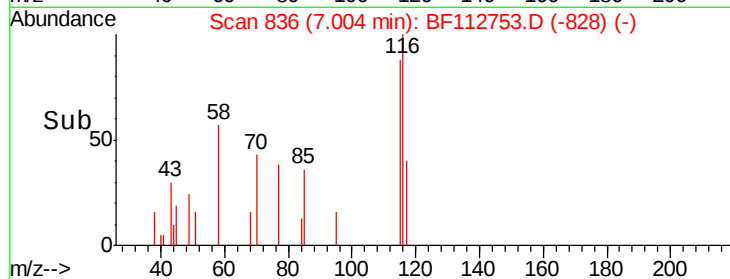
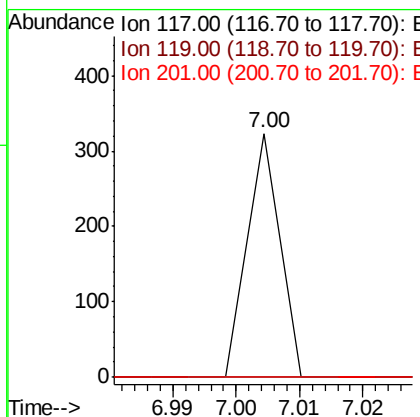
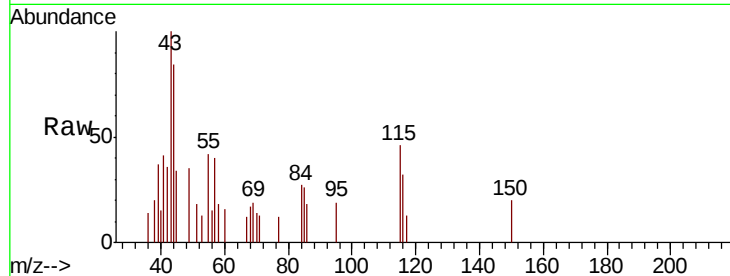




#18
Hexachloroethane
Concen: 0.019 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.25 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

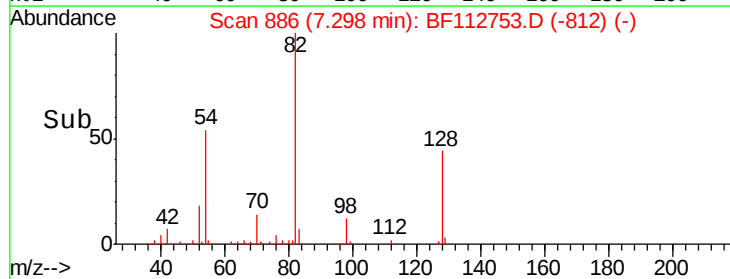
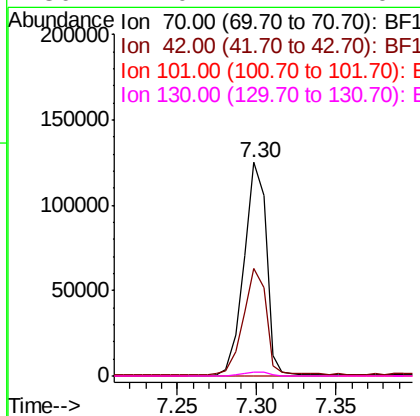
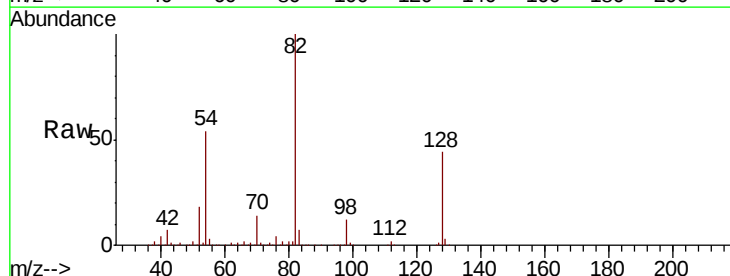
Instrument :
BNA_F
ClientSampleId :
L-1

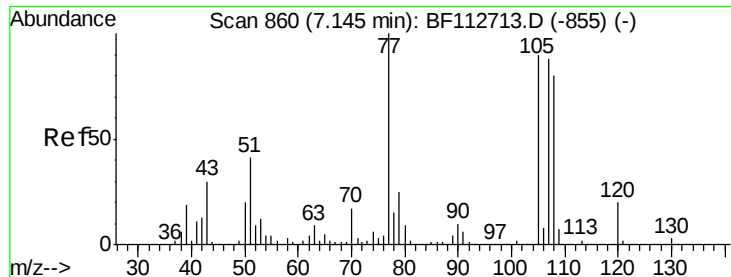
Tgt Ion: 117 Resp: 114
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
201 0.0 68.9 103.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.107 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 70 Resp: 123072
Ion Ratio Lower Upper
70 100
42 50.1 49.9 74.9
101 0.0 7.4 11.2#
130 2.0 17.4 26.2#

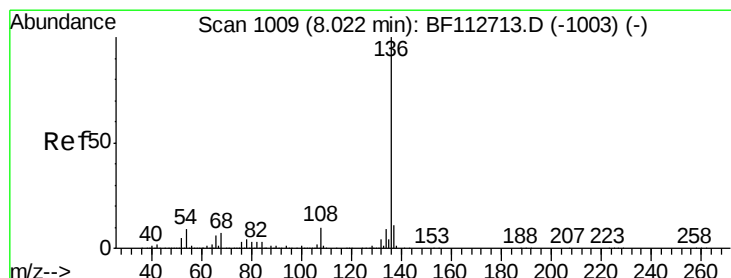
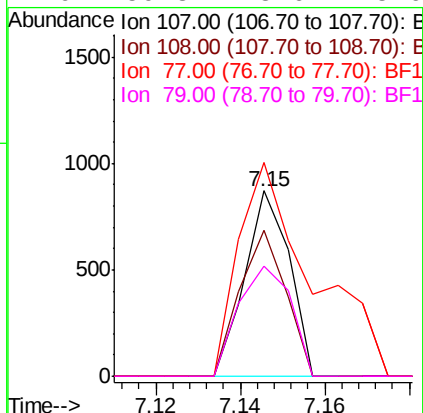
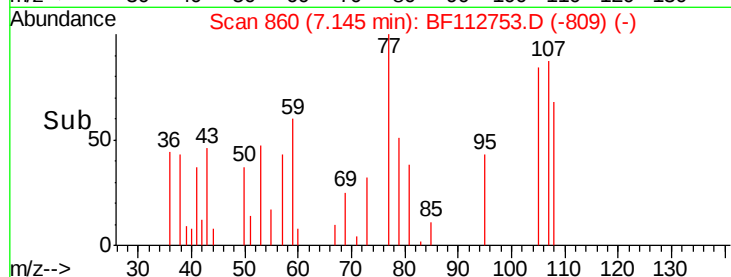
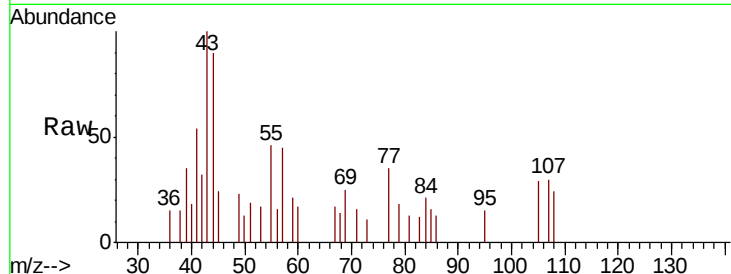




#20
3+4-Methylphenols
Concen: 0.045 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

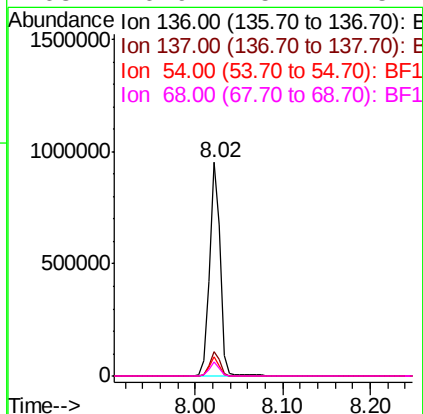
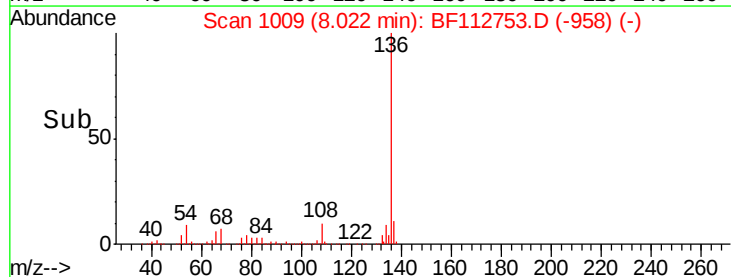
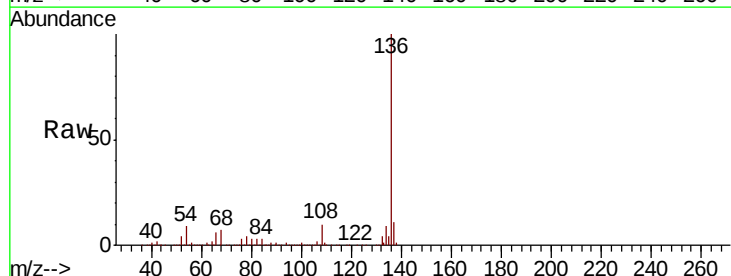
Instrument :
BNA_F
ClientSampleId :
L-1

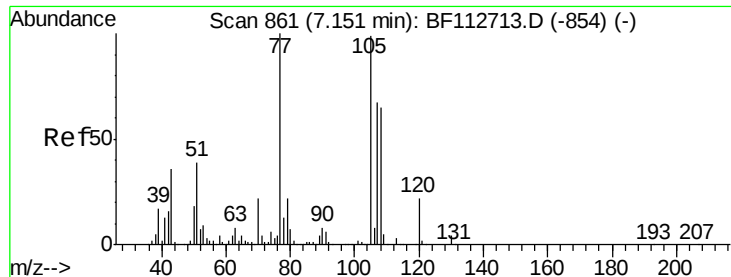
Tgt Ion:107 Resp: 636
Ion Ratio Lower Upper
107 100
108 78.9 71.4 111.4
77 115.4 94.1 134.1
79 59.3 8.6 48.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:136 Resp: 799591
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 9.1 7.3 10.9
68 6.9 5.4 8.2





#22

Acetophenone

Concen: 0.041 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

Tgt Ion: 105 Resp: 772

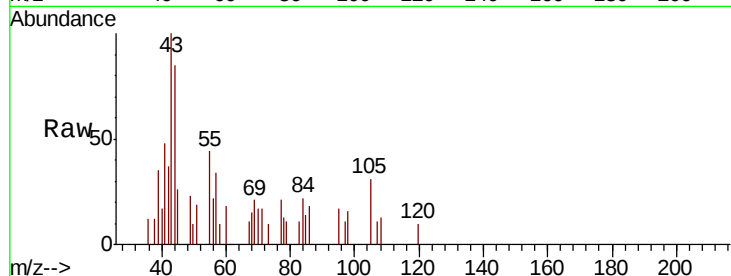
Ion Ratio Lower Upper

105 100

71 56.2 3.0 4.4#

51 62.0 31.5 47.3#

120 32.0 18.1 27.1#



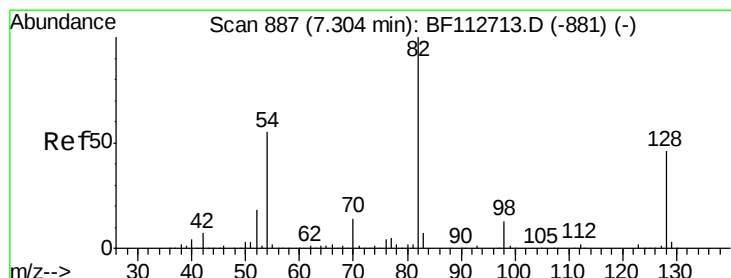
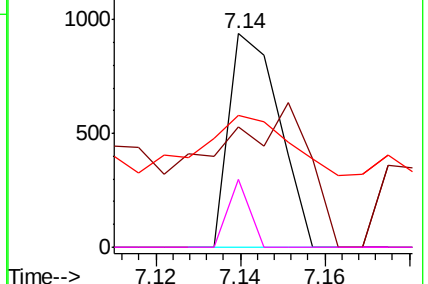
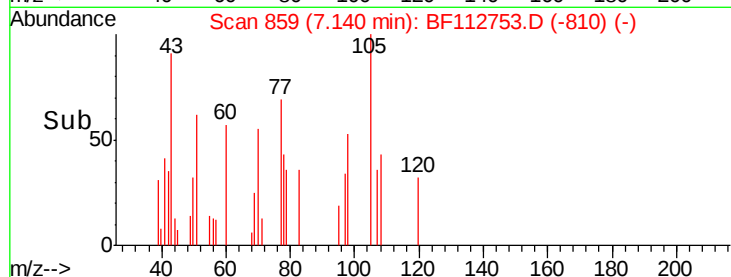
Abundance

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: 68.937 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

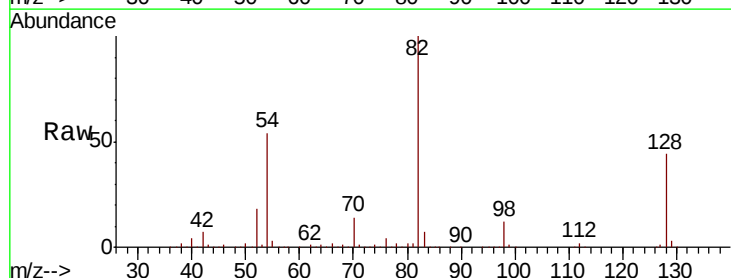
Tgt Ion: 82 Resp: 921173

Ion Ratio Lower Upper

82 100

128 44.5 36.3 54.5

54 54.2 43.7 65.5

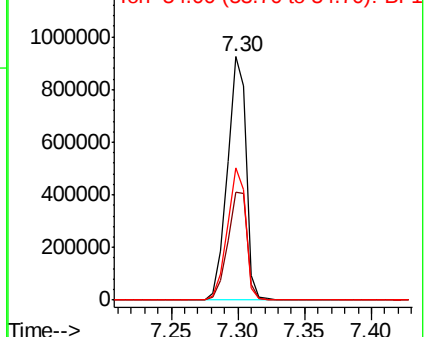
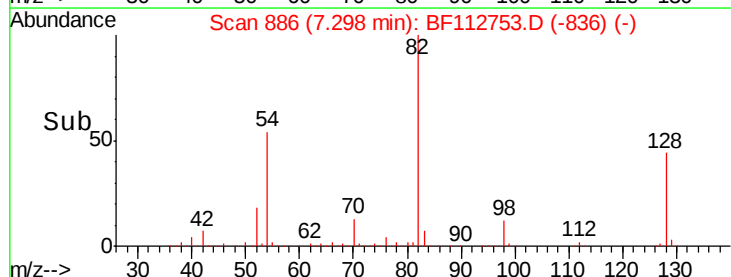


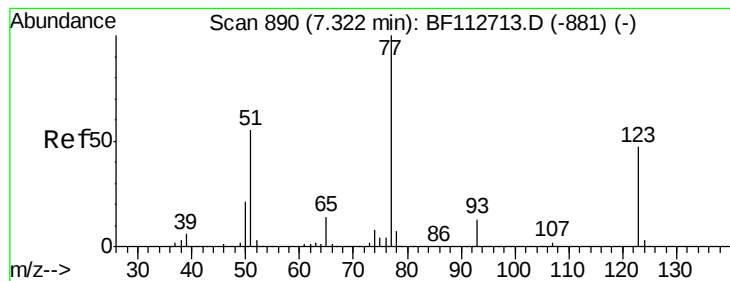
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.212 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

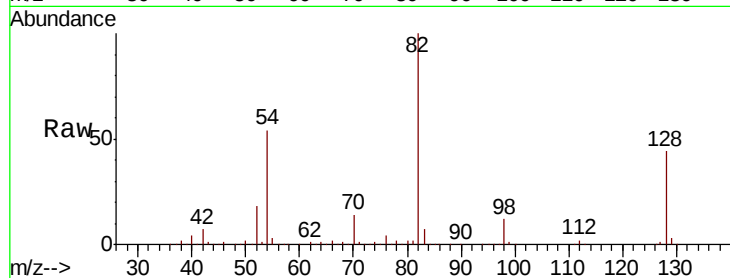
Tgt Ion: 77 Resp: 3153

Ion Ratio Lower Upper

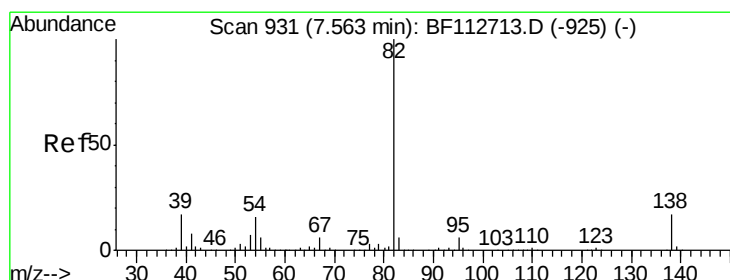
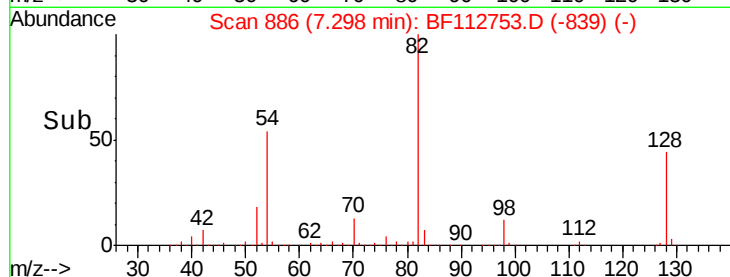
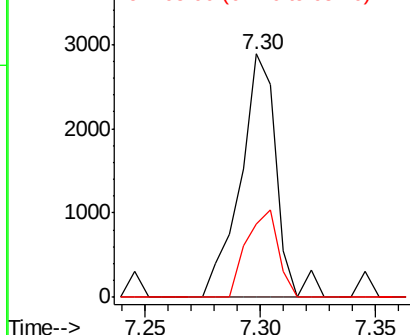
77 100

123 0.0 37.8 56.6#

65 30.3 11.1 16.7#



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: 31.737 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

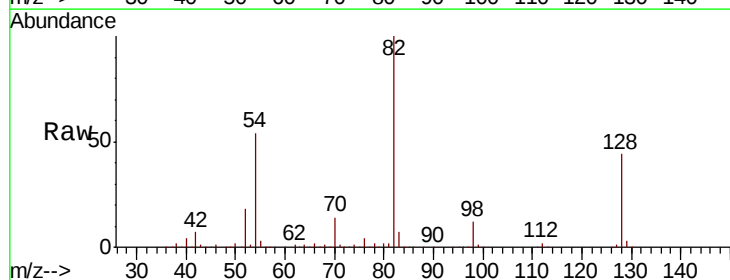
Tgt Ion: 82 Resp: 913628

Ion Ratio Lower Upper

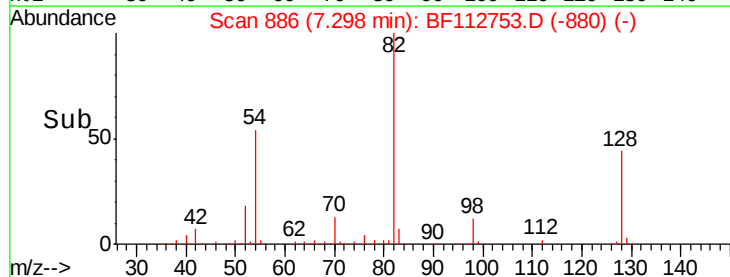
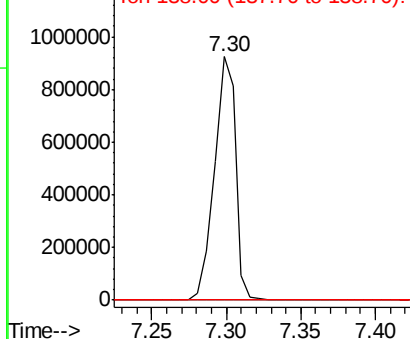
82 100

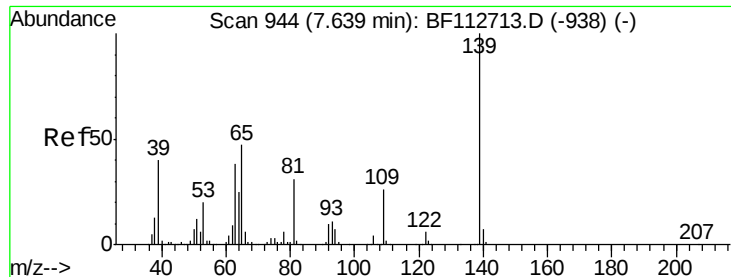
95 0.1 5.2 7.8#

138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 0.064 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.08 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

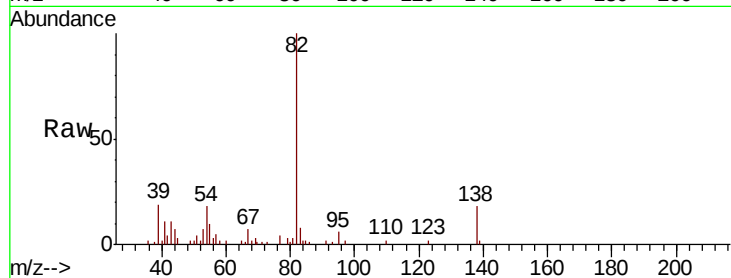
Tgt Ion:139 Resp: 399

Ion Ratio Lower Upper

139 100

109 0.0 20.6 31.0#

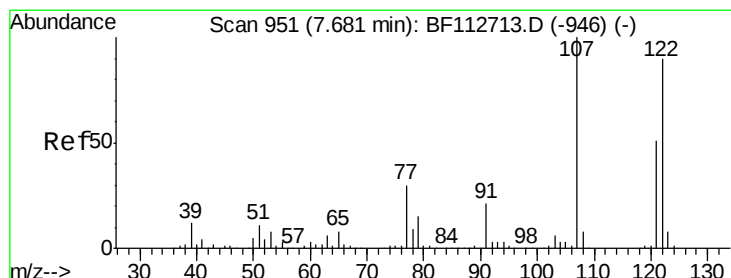
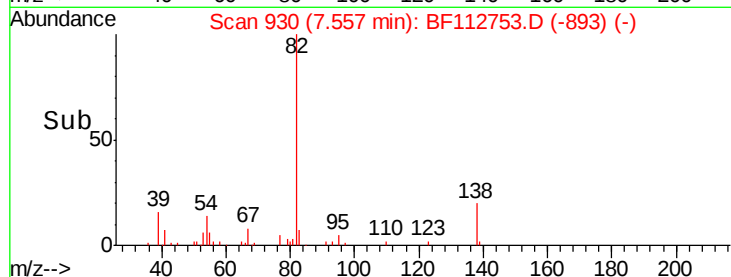
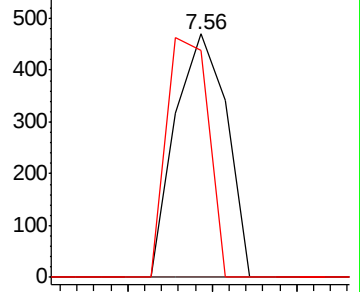
65 93.0 37.9 56.9#



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: 0.011 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

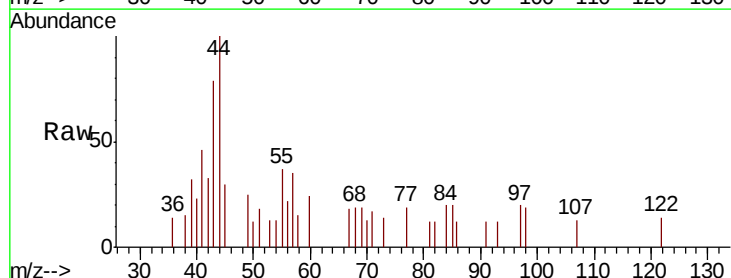
Tgt Ion:122 Resp: 129

Ion Ratio Lower Upper

122 100

107 95.3 89.4 134.0

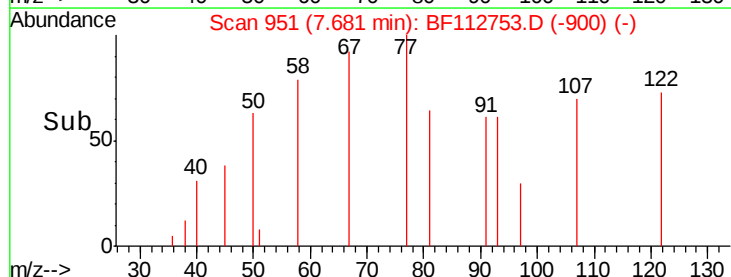
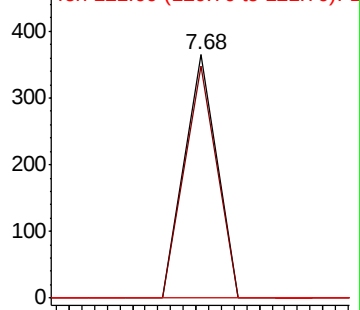
121 0.0 45.5 68.3#

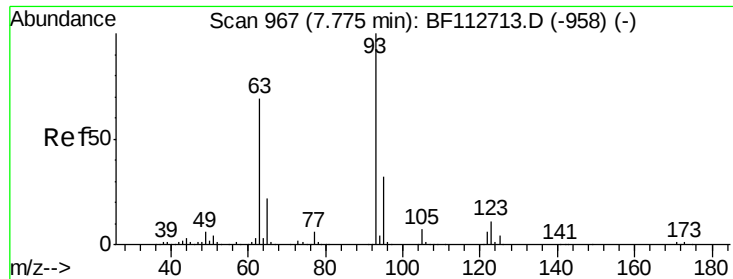


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

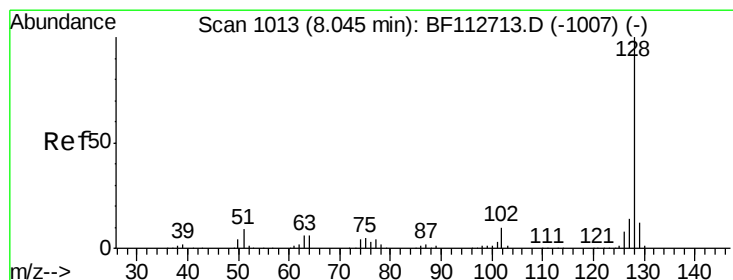
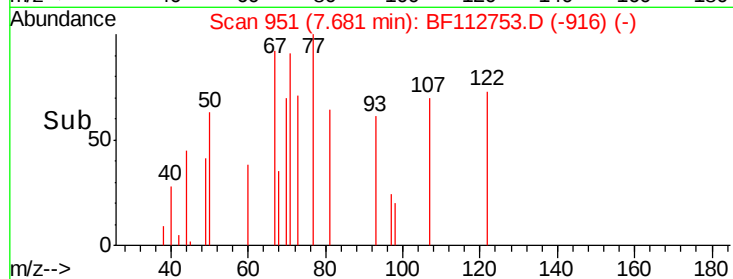
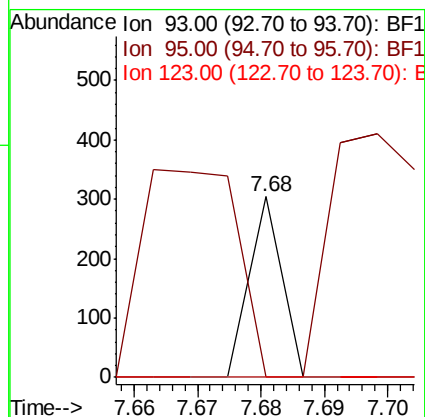
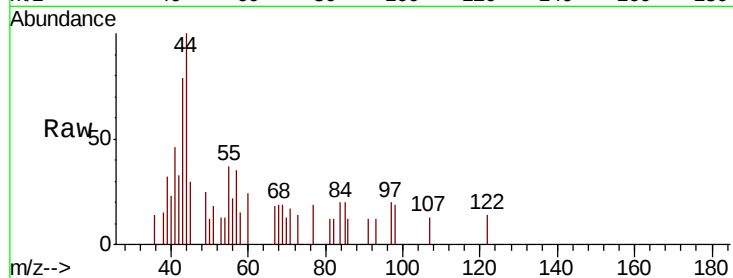




#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.09 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

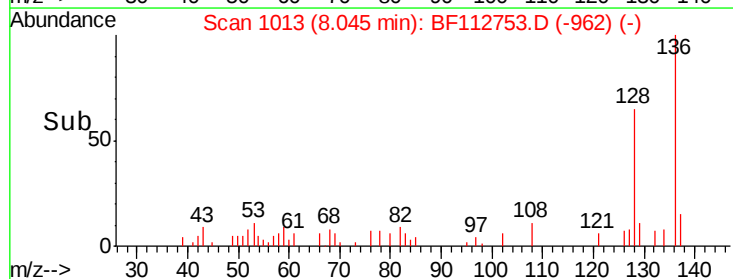
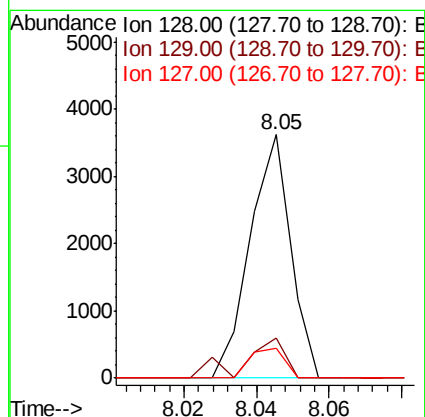
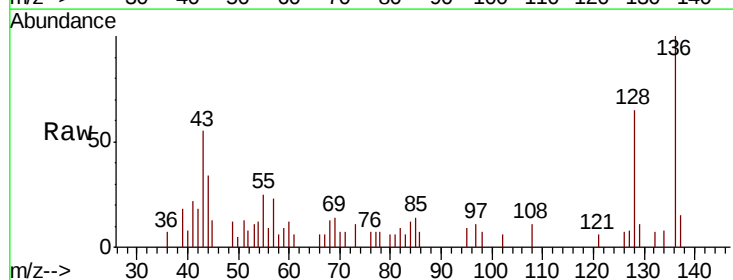
Instrument :
BNA_F
ClientSampleId :
L-1

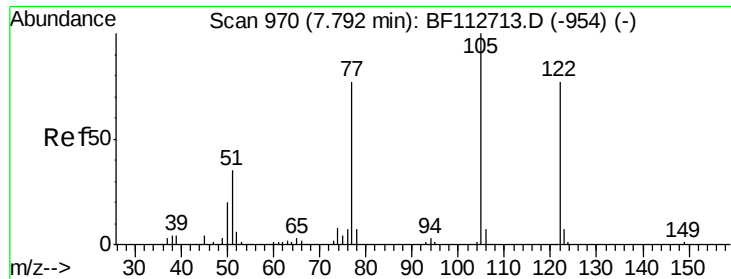
Tgt Ion: 93 Resp: 107
Ion Ratio Lower Upper
93 100
95 0.0 26.0 39.0#
123 0.0 9.3 13.9#



#31
Naphthalene
Concen: 0.071 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 128 Resp: 2807
Ion Ratio Lower Upper
128 100
129 16.4 9.3 13.9#
127 12.2 10.9 16.3

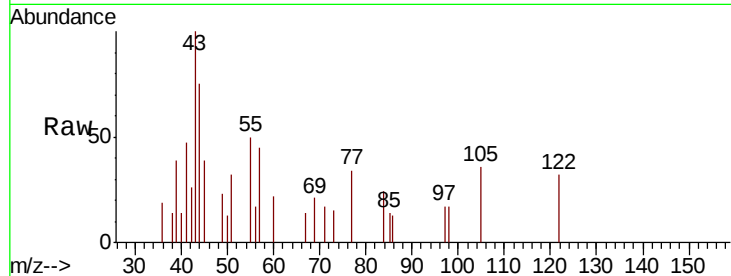




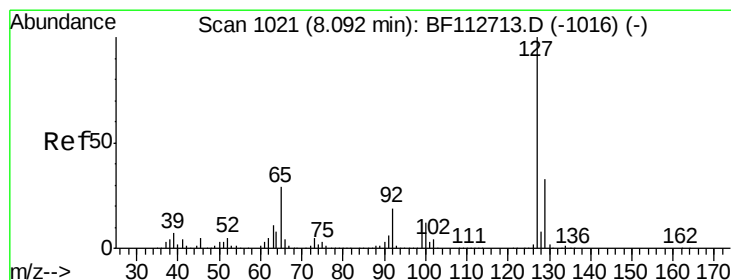
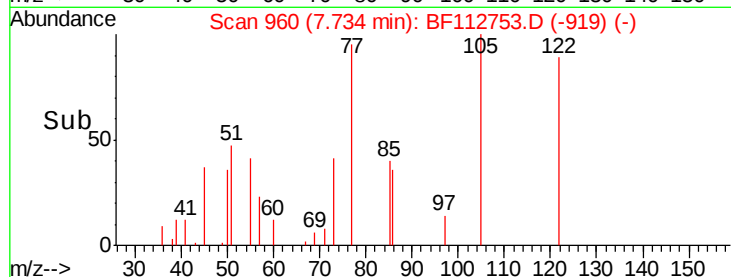
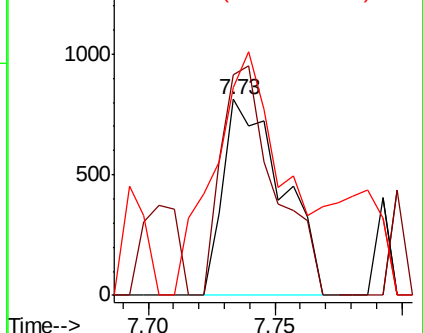
#32
Benzoic acid
Concen: 0.164 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampled :
L-1

Tgt Ion:122 Resp: 1325
Ion Ratio Lower Upper
122 100
105 112.2 106.8 146.8
77 106.0 79.4 119.4



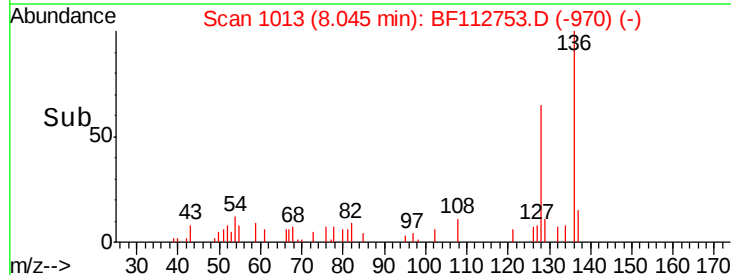
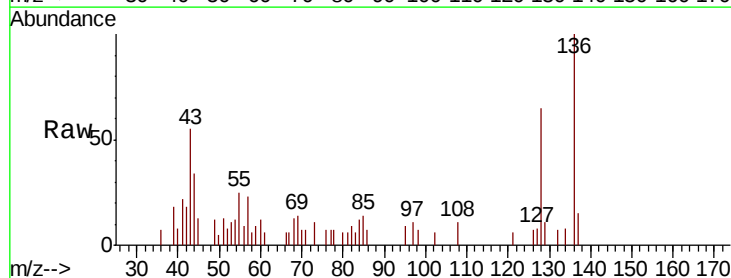
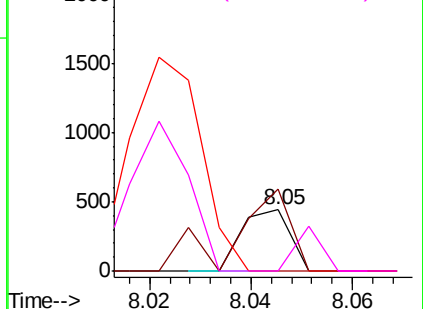
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

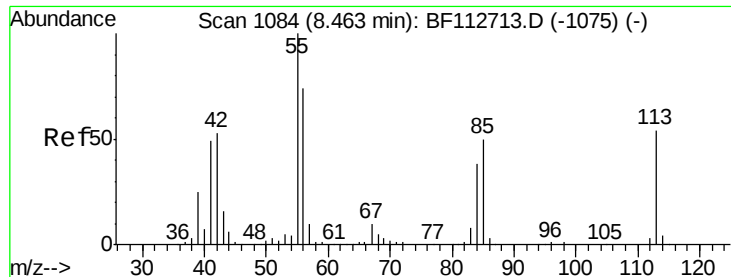


#33
4-Chloroaniline
Concen: 0.017 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:127 Resp: 293
Ion Ratio Lower Upper
127 100
129 135.1 26.4 39.6#
65 0.0 23.1 34.7#
92 0.0 14.9 22.3#

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

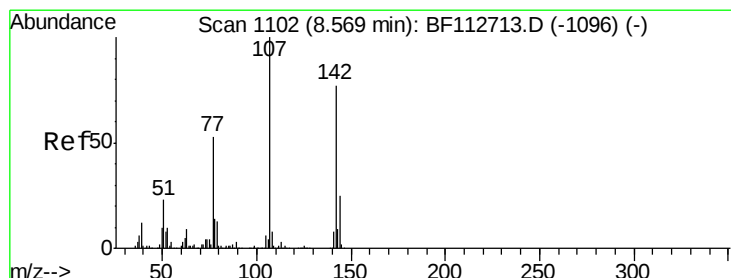
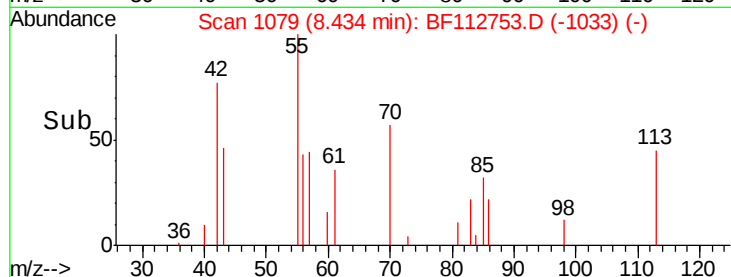
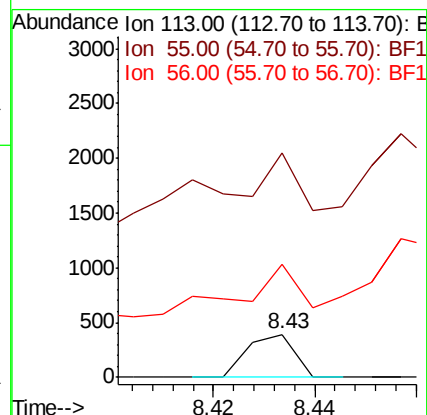
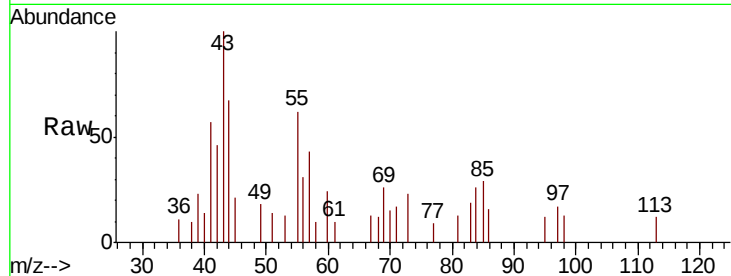




#35
 Caprolactam
 Concen: 0.063 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

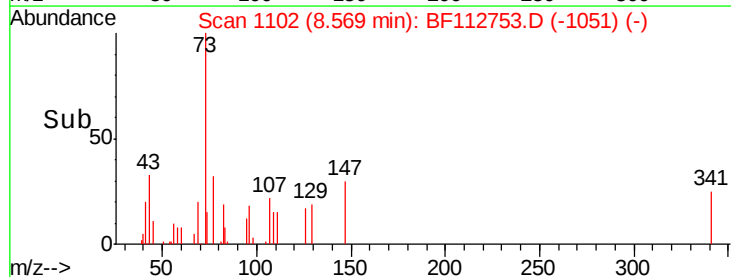
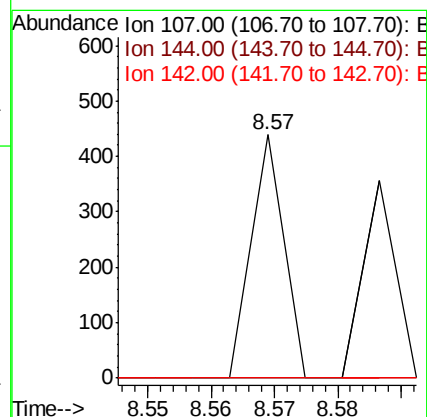
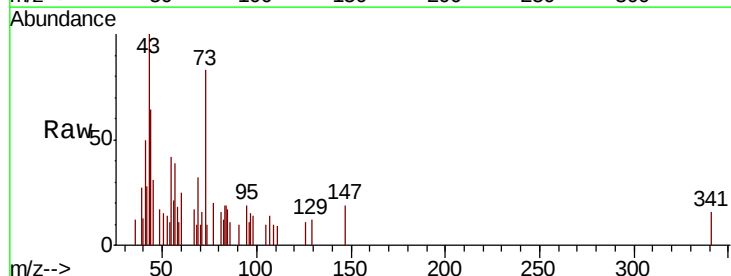
Instrument :
 BNA_F
 ClientSampled :
 L-1

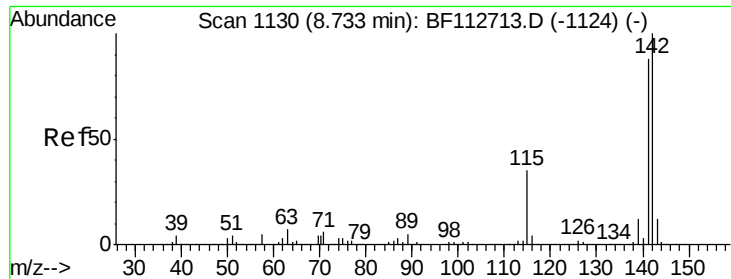
Tgt Ion:113 Resp: 249
 Ion Ratio Lower Upper
 113 100
 55 521.2 163.5 203.5#
 56 262.0 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 0.013 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Tgt Ion:107 Resp: 155
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.1 30.1#
 142 0.0 61.9 92.9#

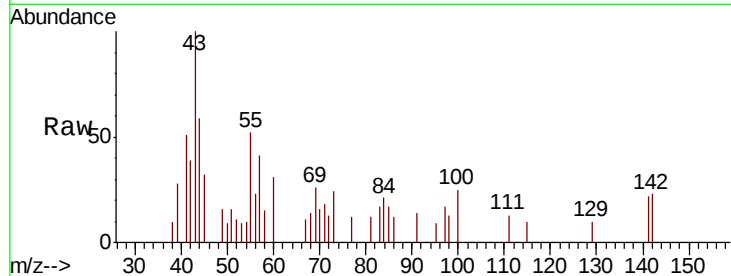




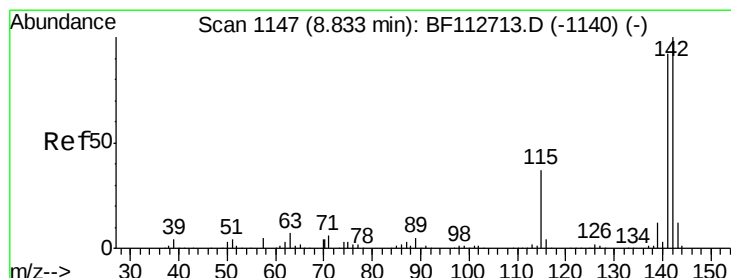
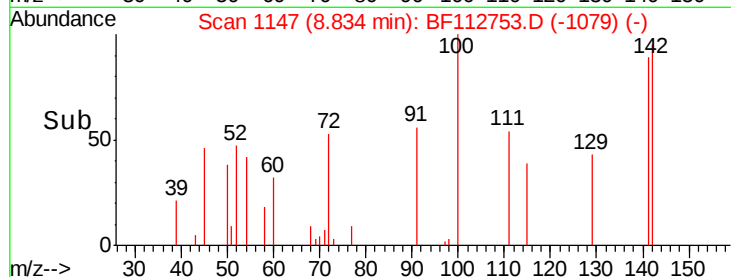
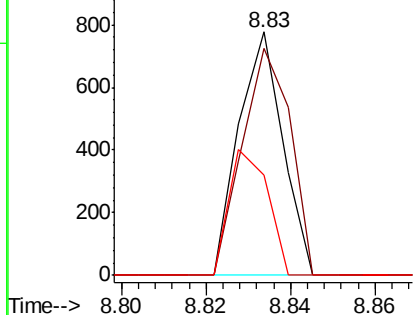
#37
 2-Methylnaphthalene
 Concen: 0.022 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.10 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :
 L-1

Tgt Ion:142 Resp: 560
 Ion Ratio Lower Upper
 142 100
 141 93.2 70.3 105.5
 115 41.4 27.8 41.6

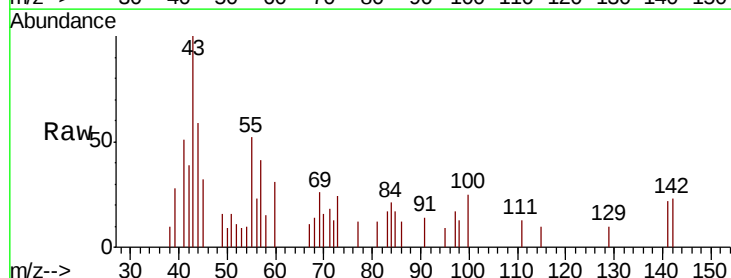


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

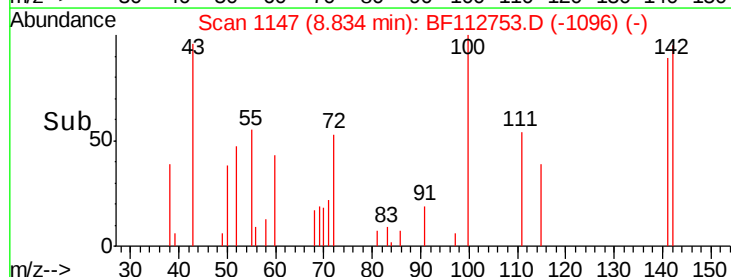
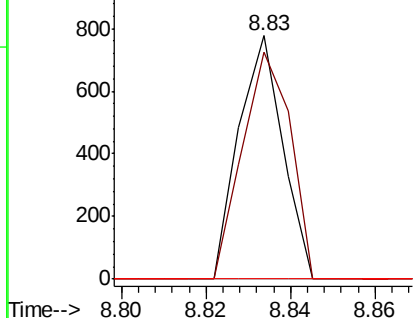


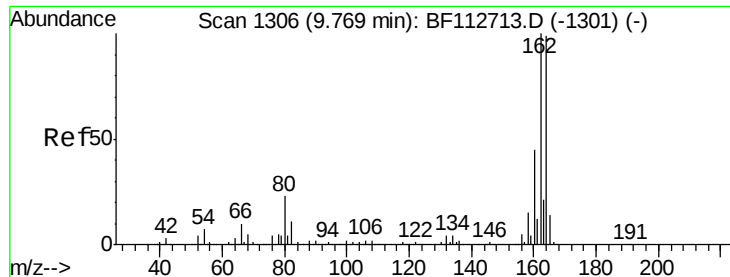
#38
 1-Methylnaphthalene
 Concen: 0.023 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Tgt Ion:142 Resp: 560
 Ion Ratio Lower Upper
 142 100
 141 93.2 73.7 110.5
 116 0.0 3.1 4.7#



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

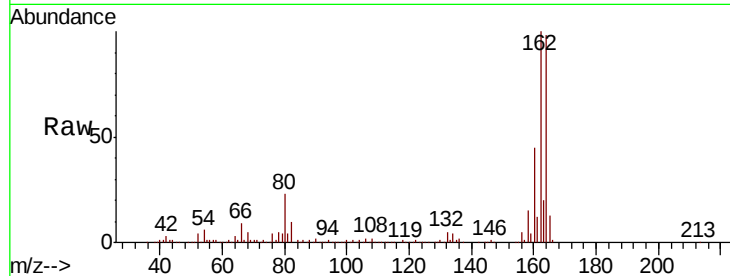




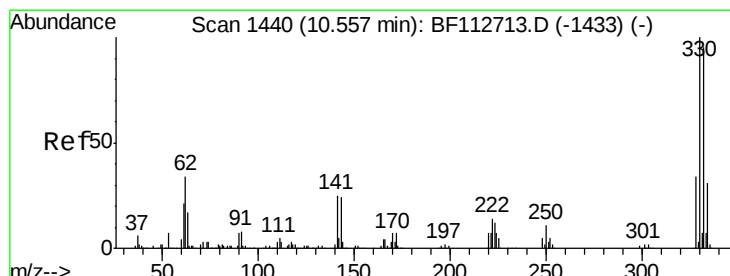
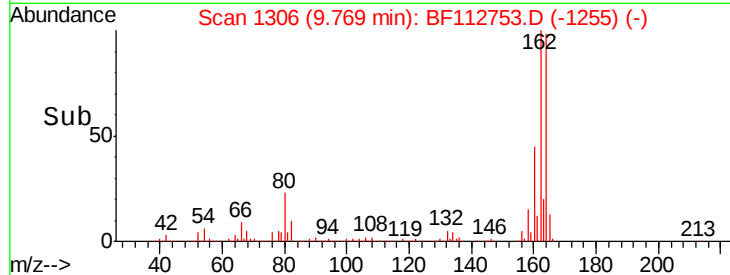
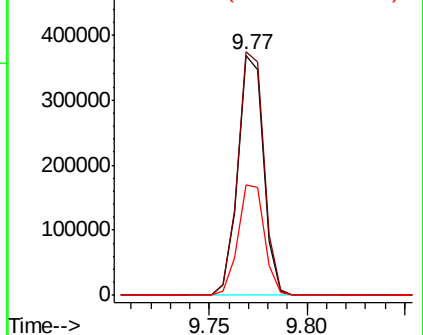
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampled :
L-1

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	46.1	36.0	54.0

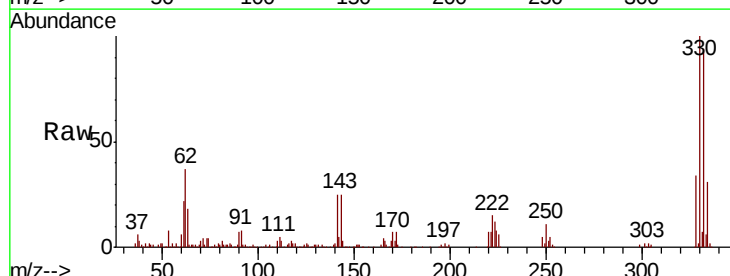


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

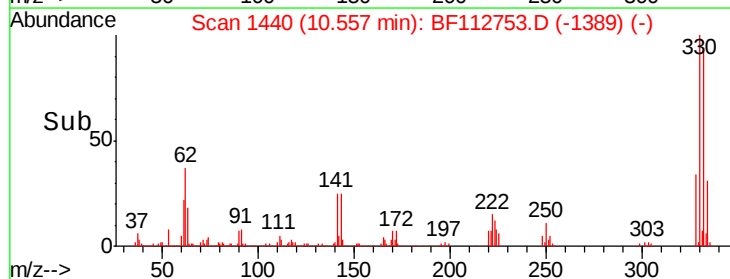
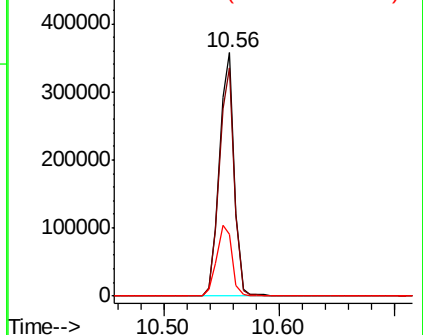


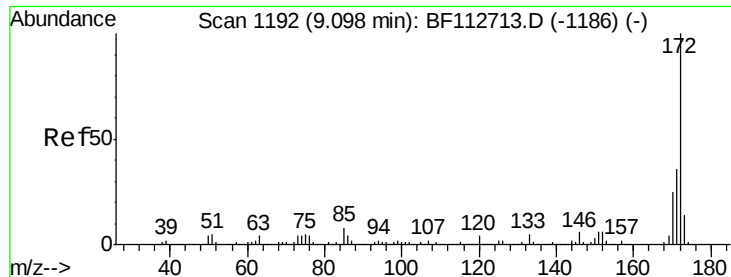
#42
2,4,6-Tribromophenol
Concen: 89.294 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	30.2	27.0	40.6



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

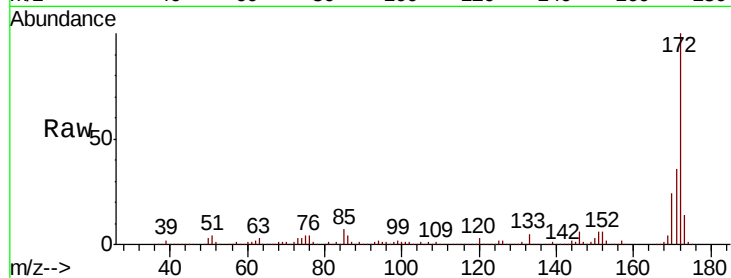




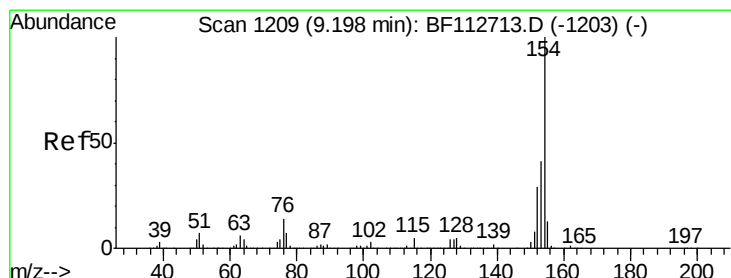
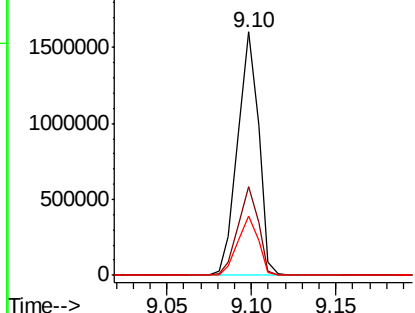
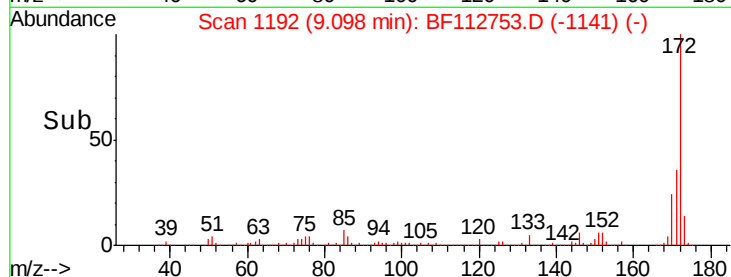
#45
 2-Fluorobiphenyl
 Concen: 67.932 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :
 L-1

Tgt Ion:172 Resp: 1383423
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.1 20.0 30.0

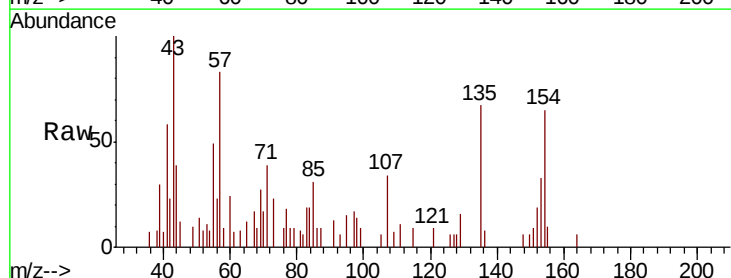


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

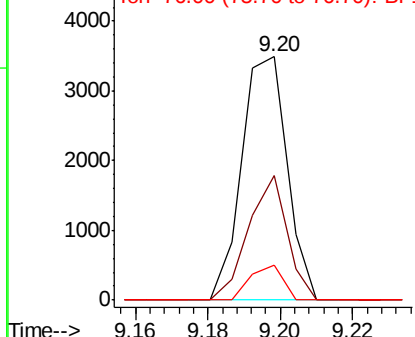
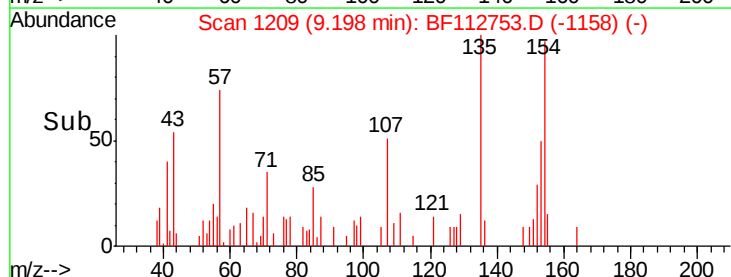


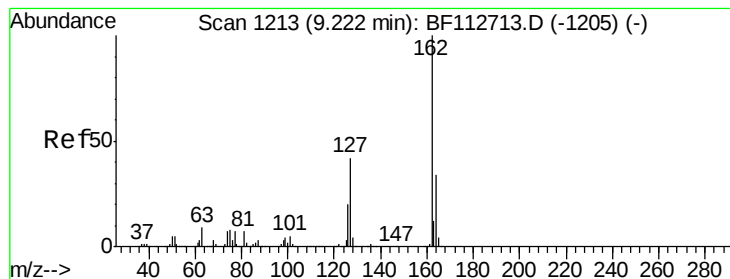
#46
 1,1'-Biphenyl
 Concen: 0.111 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Tgt Ion:154 Resp: 3034
 Ion Ratio Lower Upper
 154 100
 153 51.4 20.8 60.8
 76 14.1 0.0 33.8



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: 0.027 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.26 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

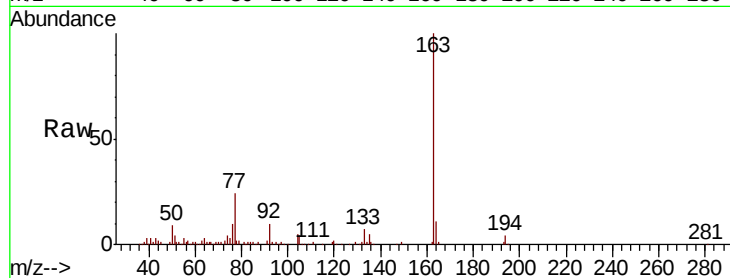
Tgt Ion: 162 Resp: 586

Ion Ratio Lower Upper

162 100

127 0.0 33.4 50.2#

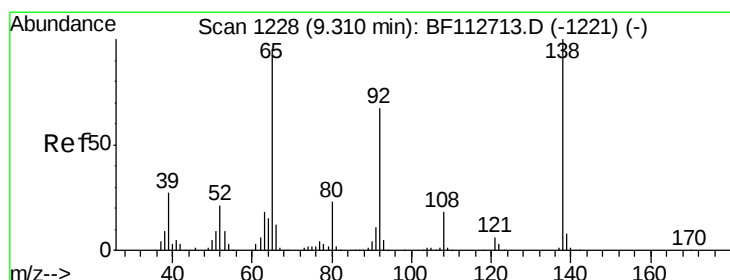
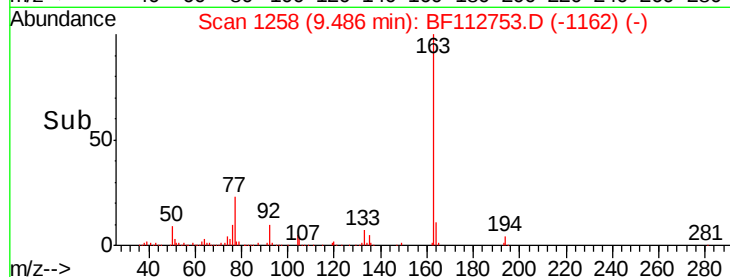
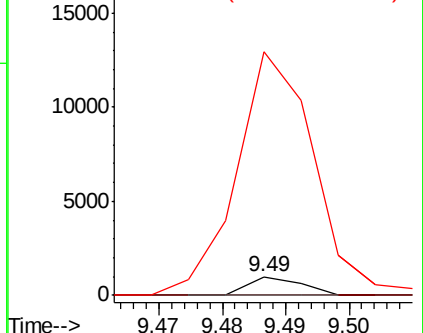
164 1295.5 26.9 40.3#



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: 0.041 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

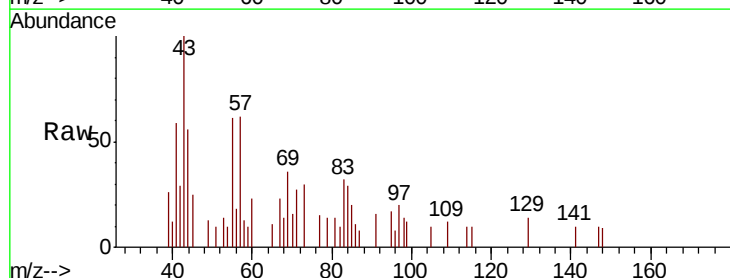
Tgt Ion: 65 Resp: 267

Ion Ratio Lower Upper

65 100

92 0.0 56.4 84.6#

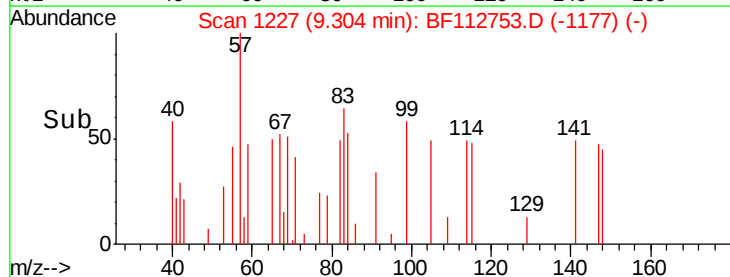
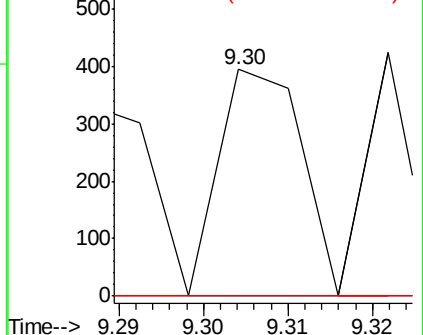
138 0.0 84.6 126.8#

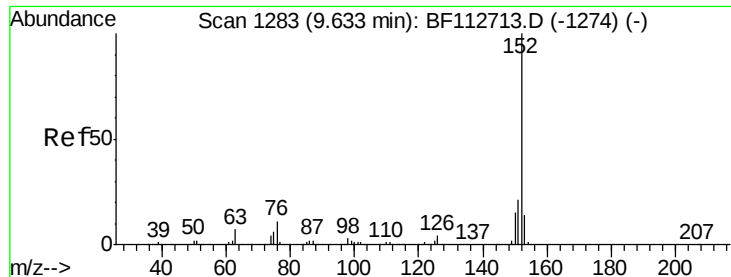


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.268 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

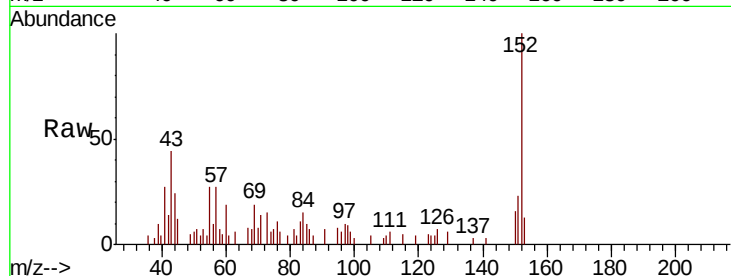
Tgt Ion:152 Resp: 9763

Ion Ratio Lower Upper

152 100

151 22.6 16.9 25.3

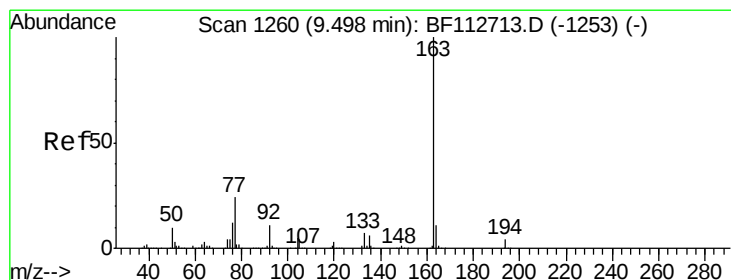
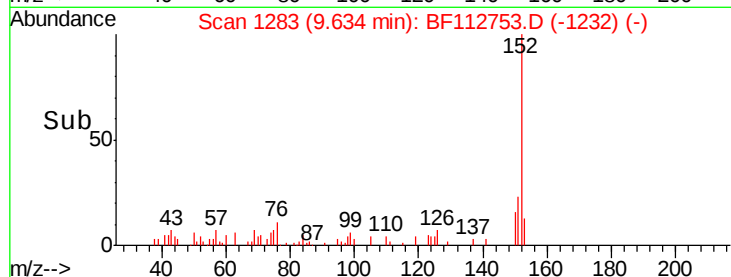
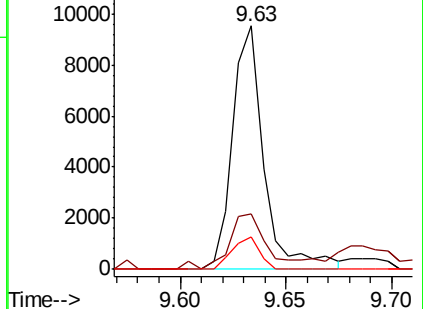
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.892 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

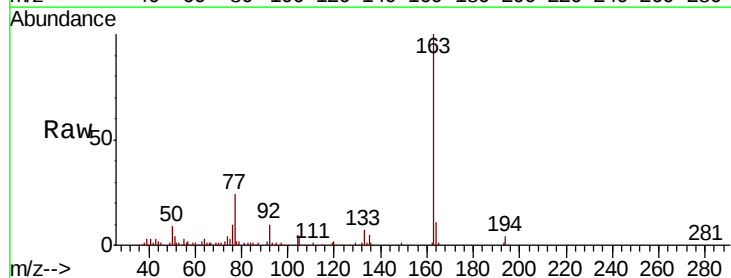
Tgt Ion:163 Resp: 96526

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

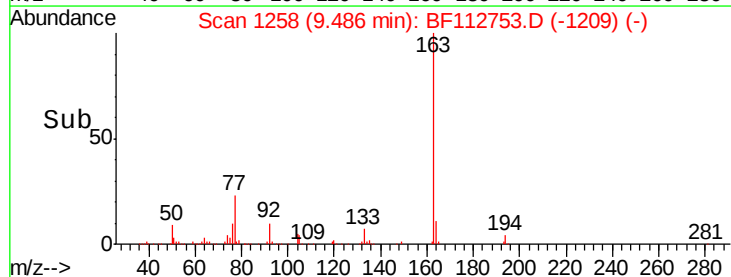
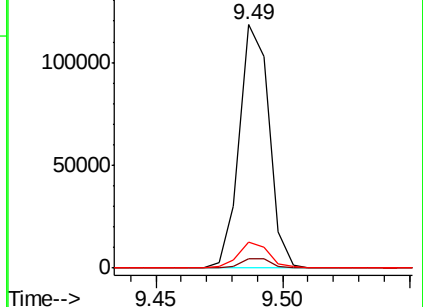
164 10.9 8.4 12.6

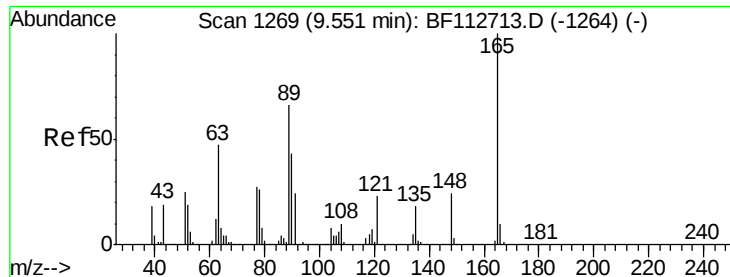


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

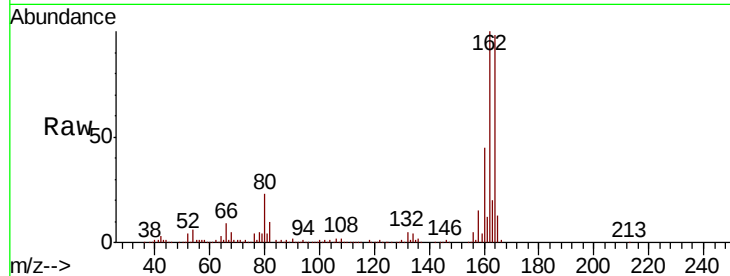




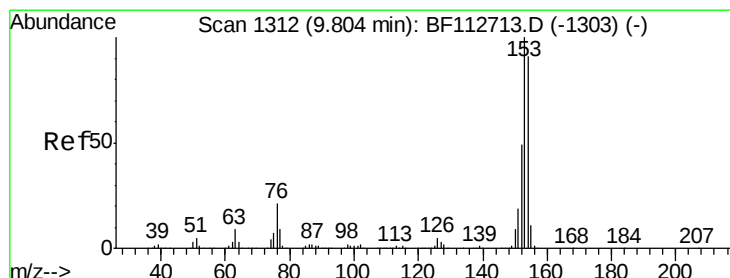
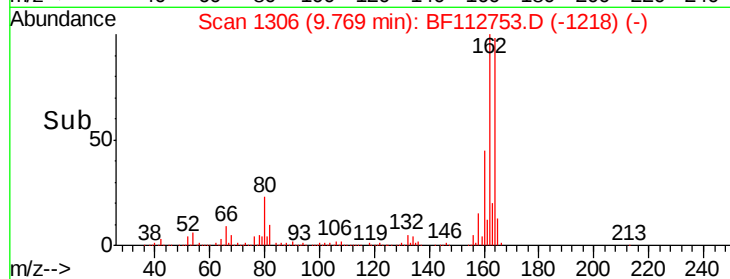
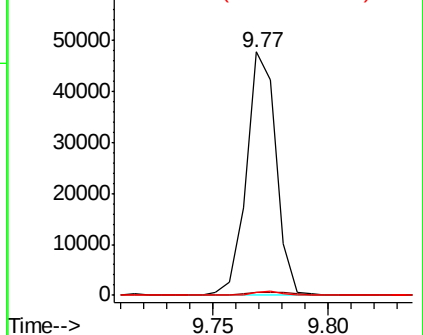
#51
 2,6-Dinitrotoluene
 Concen: 8.304 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Instrument :
 BNA_F
 ClientSampleId :
 L-1

Tgt Ion:165 Resp: 42887
 Ion Ratio Lower Upper
 165 100
 63 1.2 54.1 81.1#
 89 1.4 52.8 79.2#

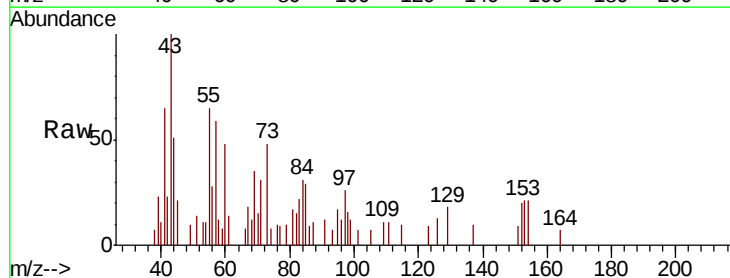


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

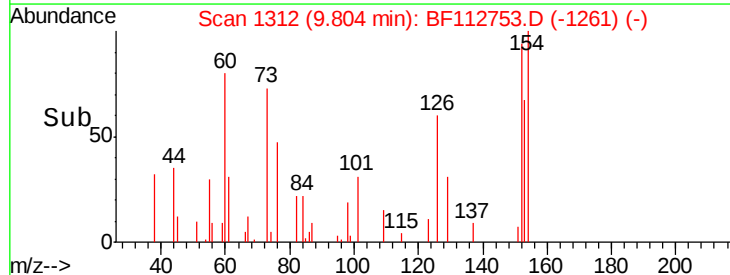
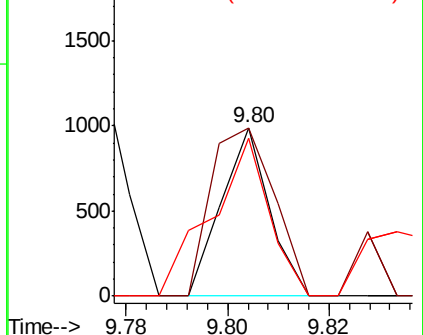


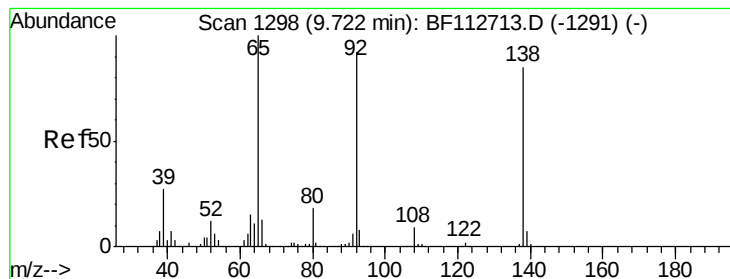
#52
 Acenaphthene
 Concen: 0.030 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Tgt Ion:154 Resp: 648
 Ion Ratio Lower Upper
 154 100
 153 99.9 87.8 131.8
 152 93.7 43.0 64.6#



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





#53

3-Nitroaniline

Concen: 0.017 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.10 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

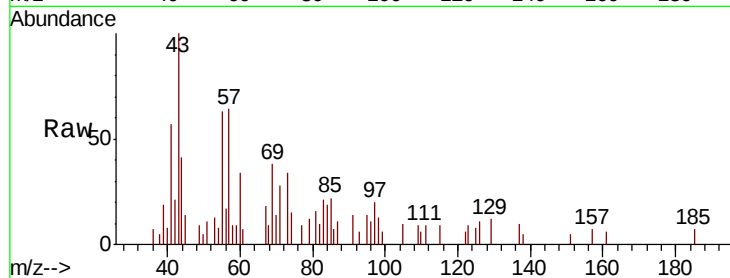
Tgt Ion:138 Resp: 106

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

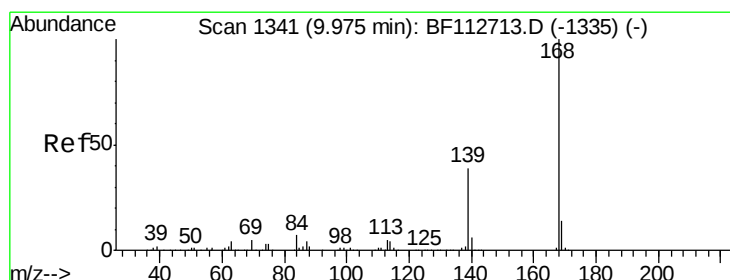
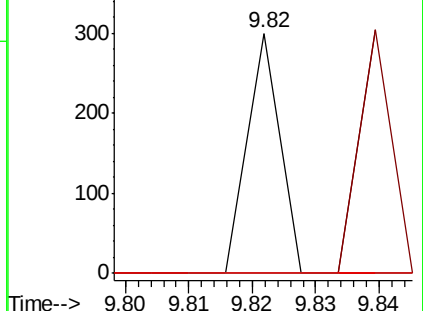
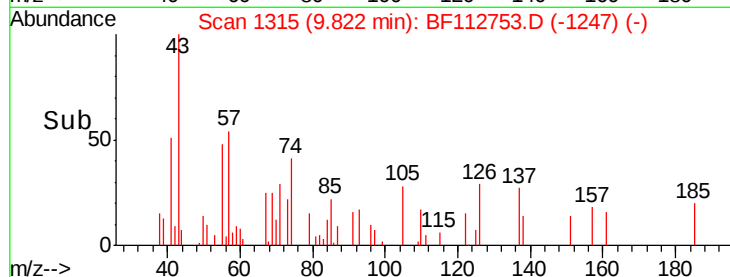
92 0.0 86.6 129.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#55

Dibenzofuran

Concen: 0.039 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

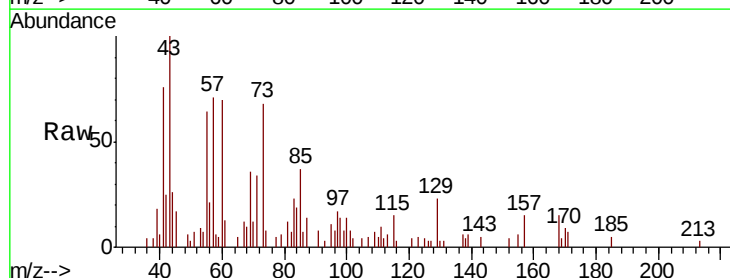
Tgt Ion:168 Resp: 1212

Ion Ratio Lower Upper

168 100

139 42.9 31.3 46.9

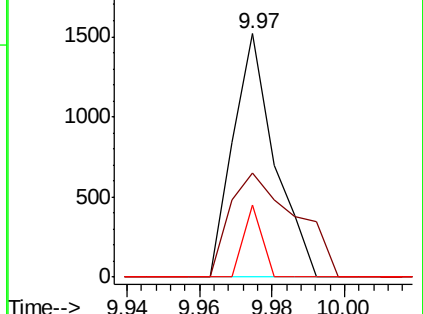
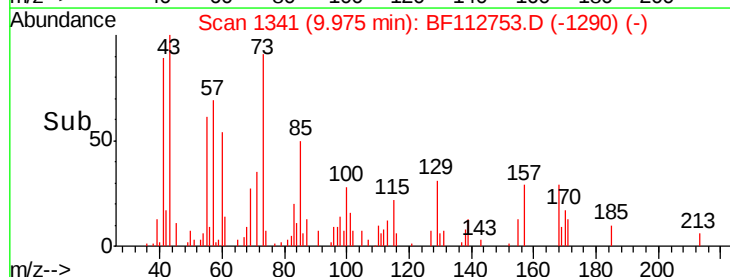
169 29.7 11.3 16.9#

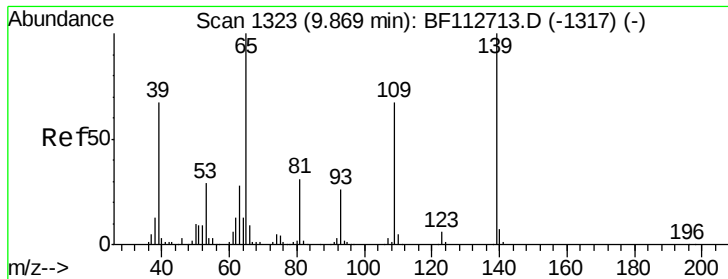


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

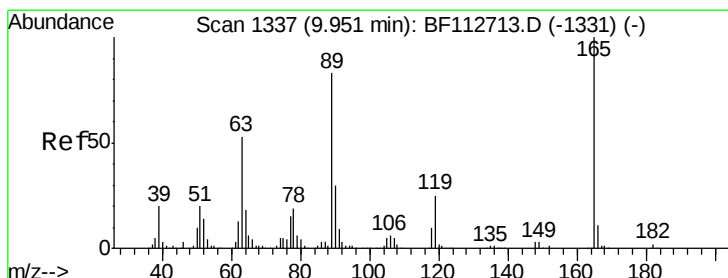
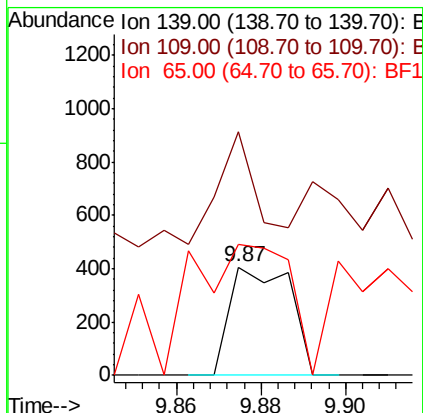
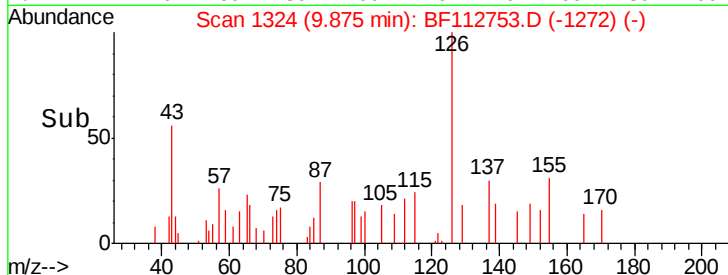
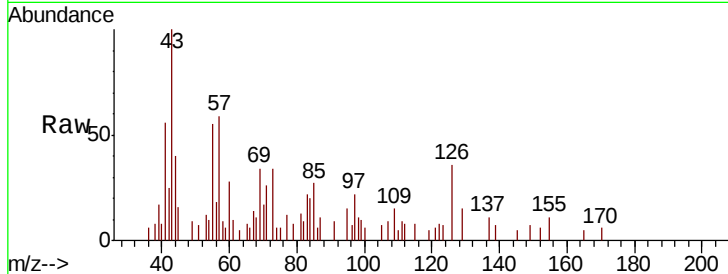




#56
4-Nitrophenol
Concen: 0.079 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

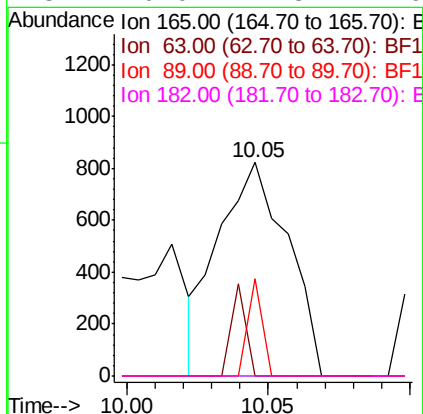
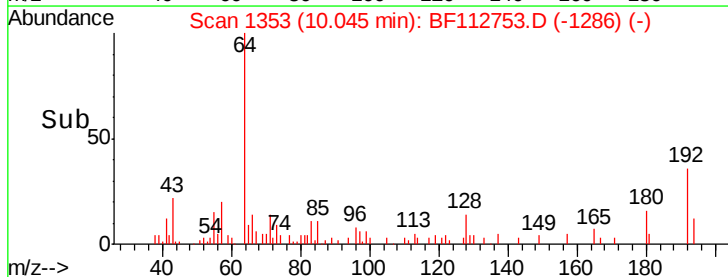
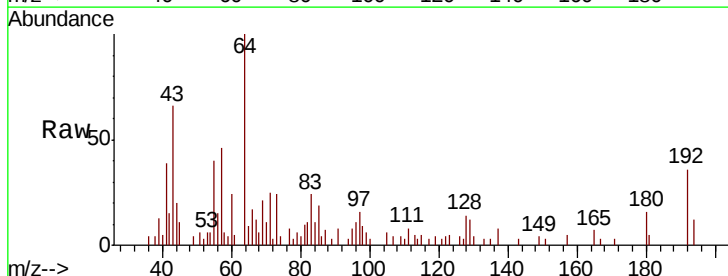
Instrument :
BNA_F
ClientSampleId :
L-1

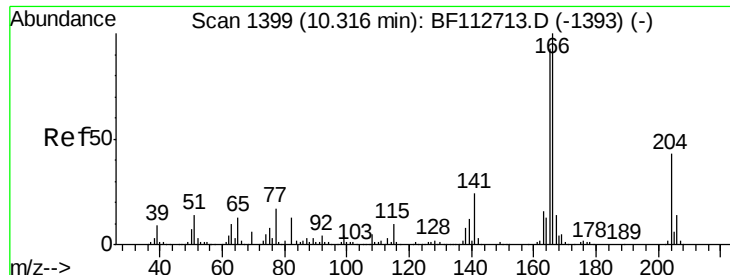
Tgt Ion:139 Resp: 403
Ion Ratio Lower Upper
139 100
109 224.9 46.8 86.8#
65 120.9 80.7 120.7#



#57
2,4-Dinitrotoluene
Concen: 0.218 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.09 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:165 Resp: 1402
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.2#
89 45.8 66.2 99.4#
182 0.0 1.8 2.6#





#58

Fluorene

Concen: 0.050 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampled :

L-1

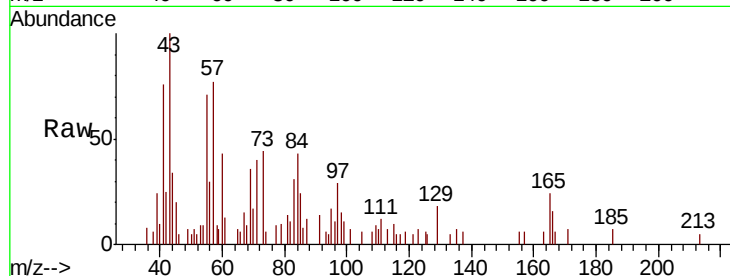
Tgt Ion:166 Resp: 1102

Ion Ratio Lower Upper

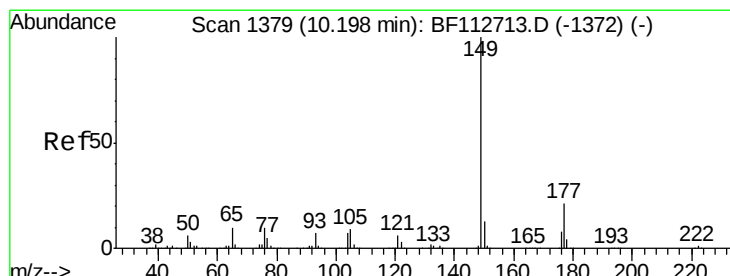
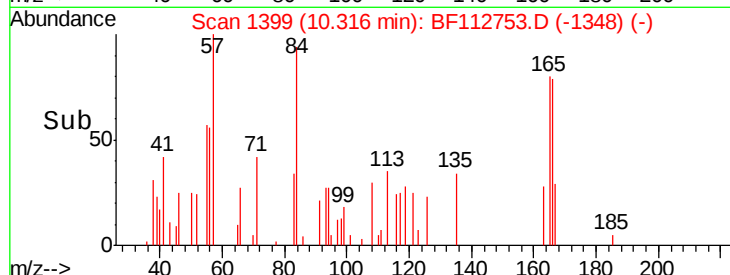
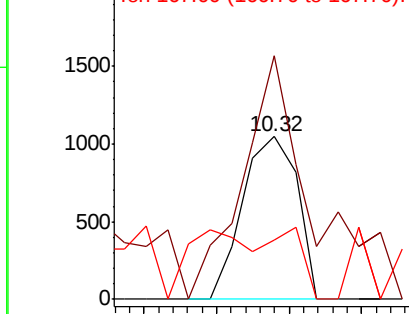
166 100

165 149.8 74.7 112.1#

167 36.2 11.0 16.6#



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: 0.087 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

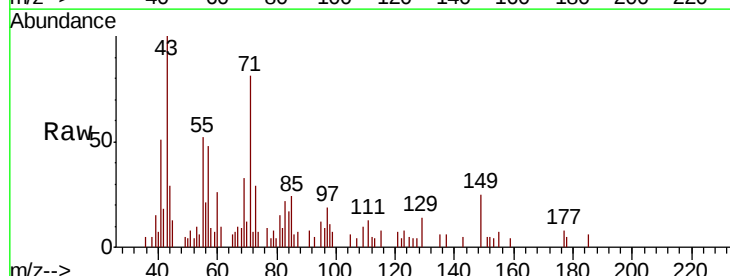
Tgt Ion:149 Resp: 2285

Ion Ratio Lower Upper

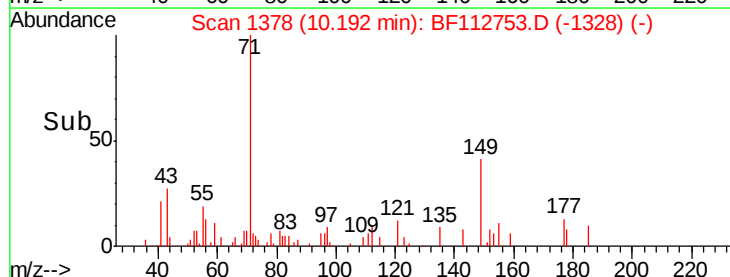
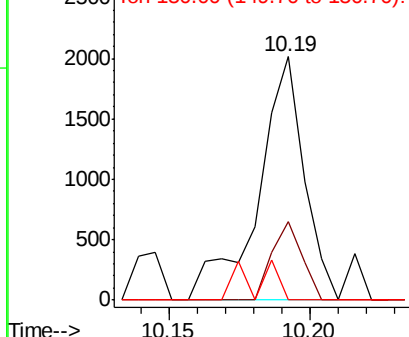
149 100

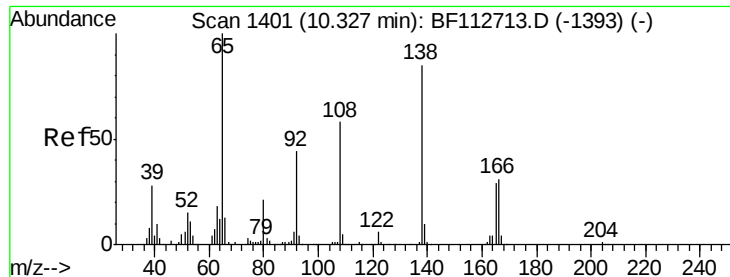
177 32.2 17.0 25.6#

150 0.0 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

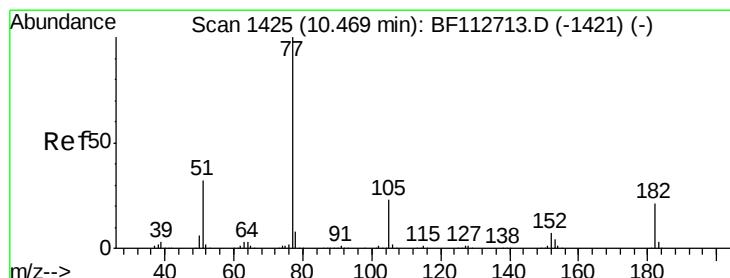
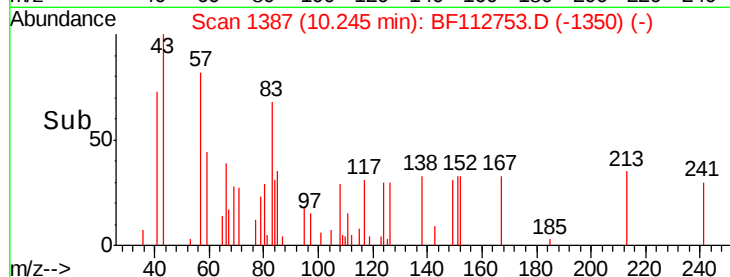
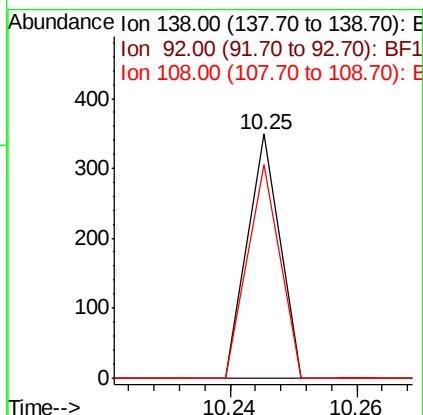
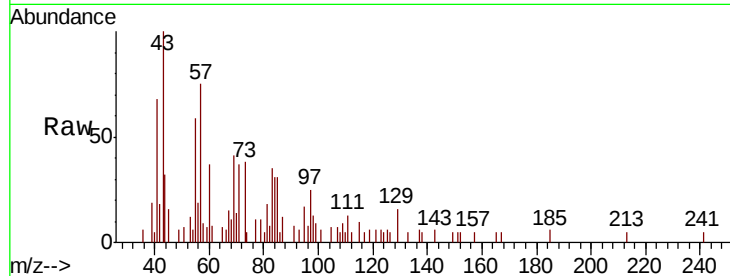




#62
4-Nitroaniline
Concen: 0.021 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.08 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

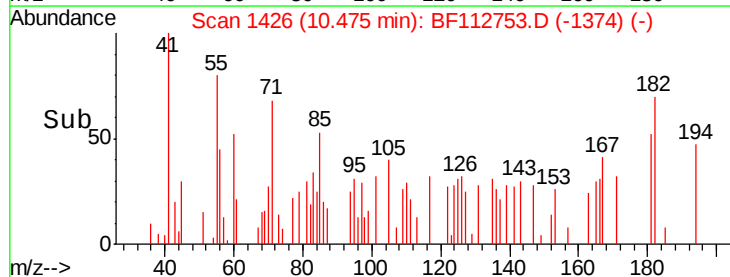
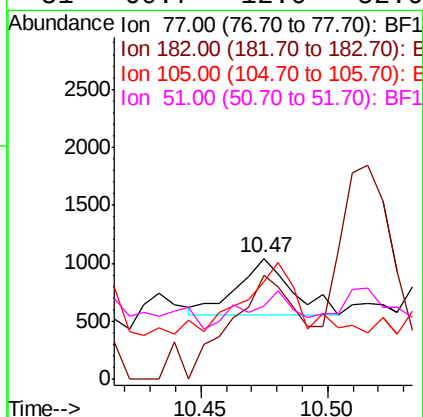
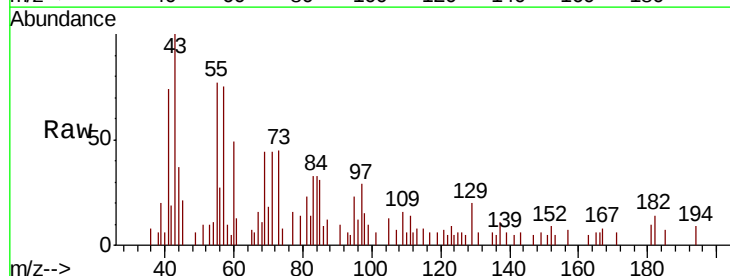
Instrument :
BNA_F
ClientSampleId :
L-1

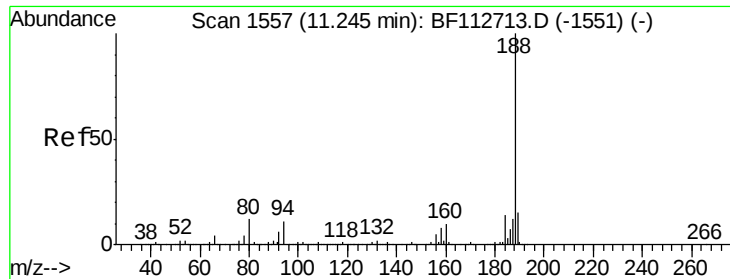
Tgt Ion: 138 Resp: 123
Ion Ratio Lower Upper
138 100
92 0.0 31.3 71.3#
108 87.7 48.1 88.1



#63
Azobenzene
Concen: 0.027 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 77 Resp: 716
Ion Ratio Lower Upper
77 100
182 85.8 1.4 41.4#
105 80.4 2.6 42.6#
51 60.7 12.0 52.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

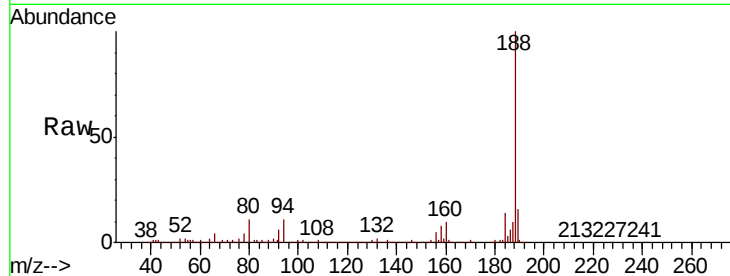
Tgt Ion:188 Resp: 553012

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

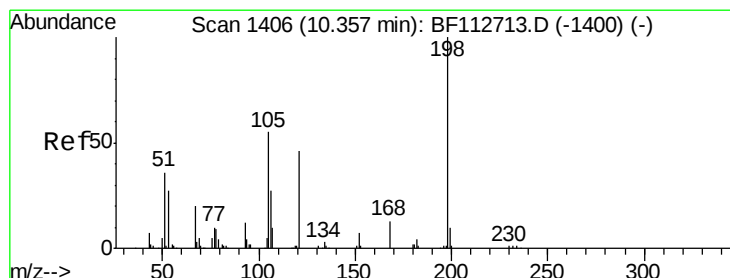
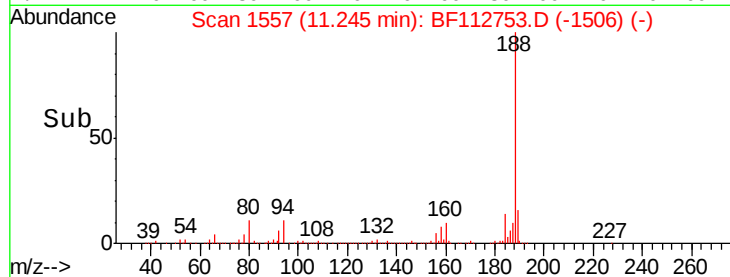
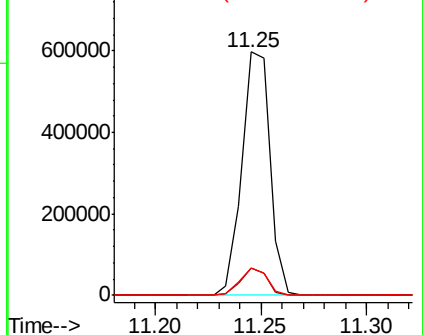
80 11.5 9.2 13.8



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: 4.834 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.20 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

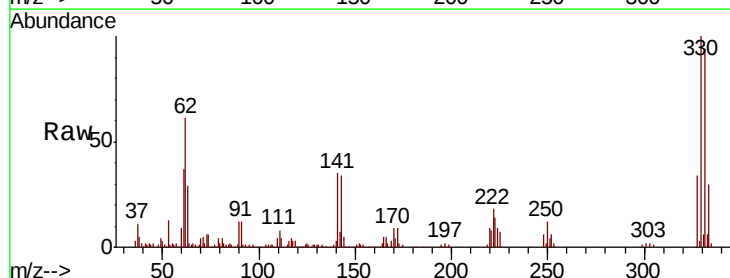
Tgt Ion:198 Resp: 555

Ion Ratio Lower Upper

198 100

51 272.3 43.8 83.8#

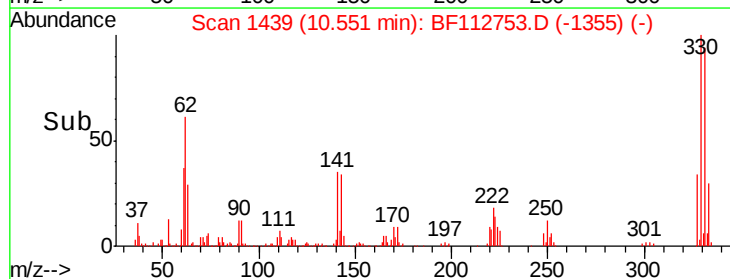
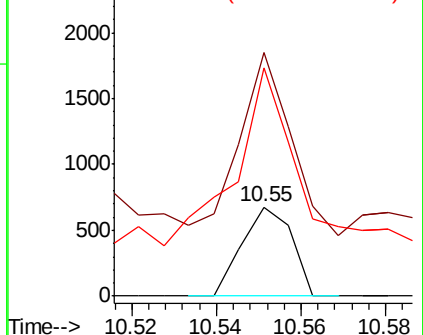
105 255.1 36.5 76.5#

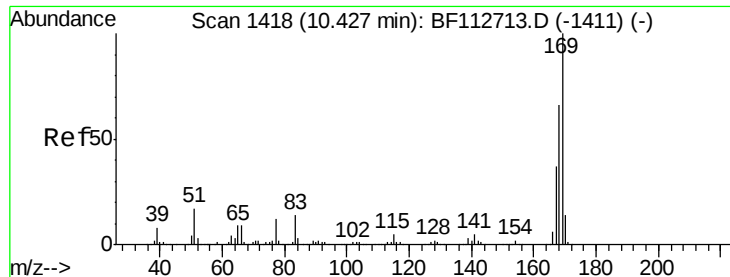


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

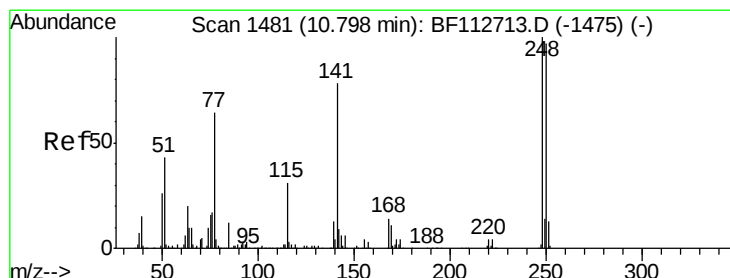
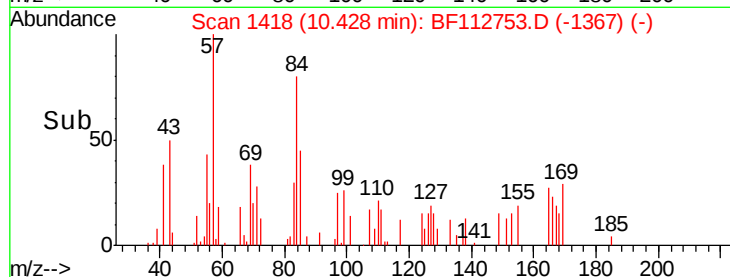
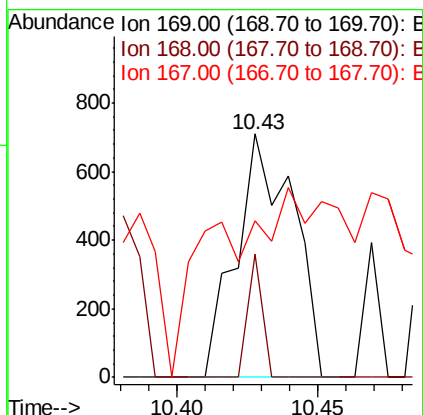
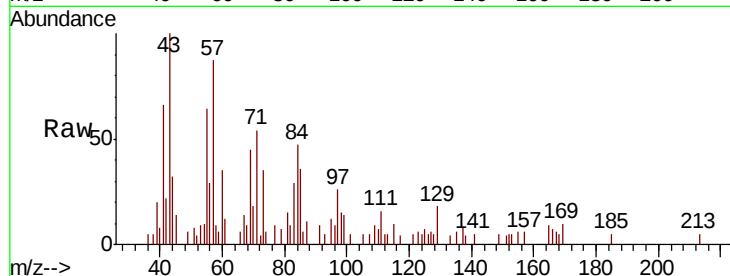




#66
 n-Nitrosodiphenylamine
 Concen: 0.056 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

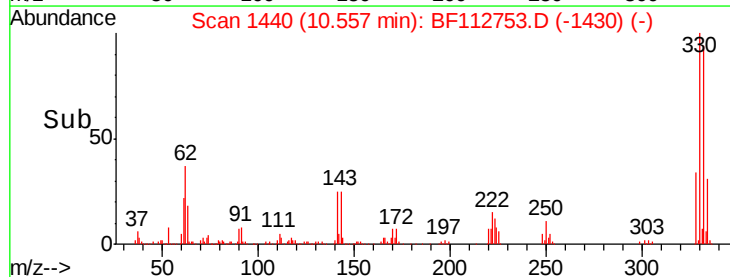
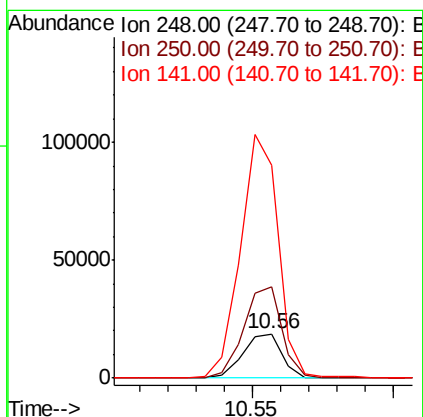
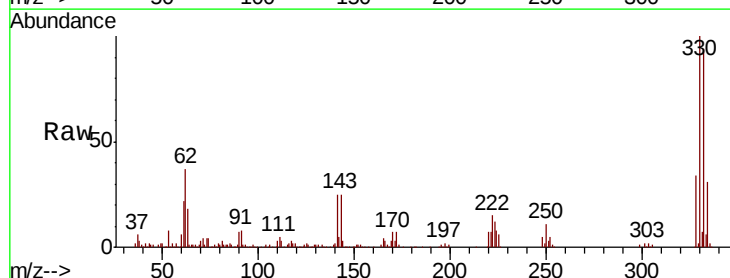
Instrument :
 BNA_F
 ClientSampleId :
 L-1

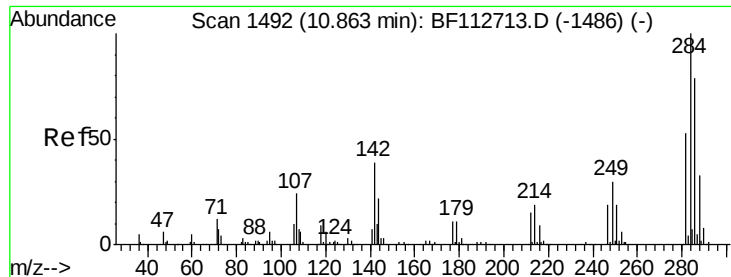
Tgt Ion:169 Resp: 993
 Ion Ratio Lower Upper
 169 100
 168 50.7 53.0 79.6#
 167 64.1 29.3 43.9#



#67
 4-Bromophenyl-phenylether
 Concen: 3.076 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Tgt Ion:248 Resp: 17916
 Ion Ratio Lower Upper
 248 100
 250 206.3 77.5 116.3#
 141 482.9 62.4 93.6#





#68

Hexachlorobenzene

Concen: 0.020 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.11 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampled :

L-1

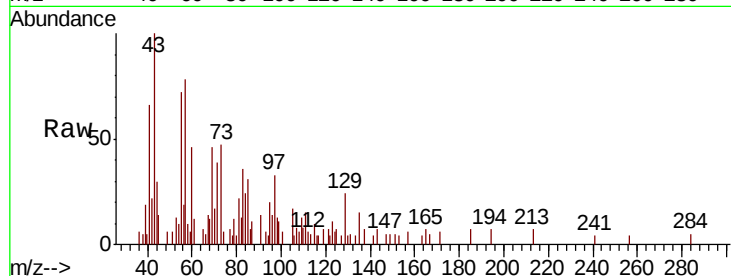
Tgt Ion:284 Resp: 129

Ion Ratio Lower Upper

284 100

142 0.0 31.0 46.6#

249 0.0 23.6 35.4#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

10.75

400

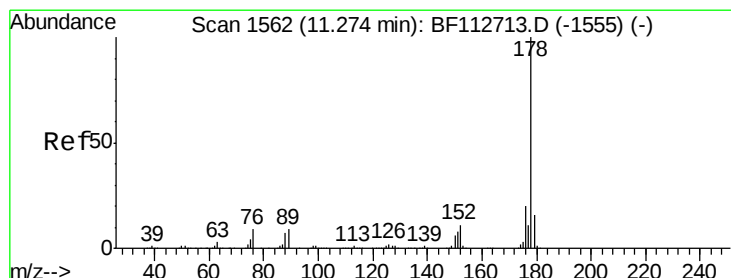
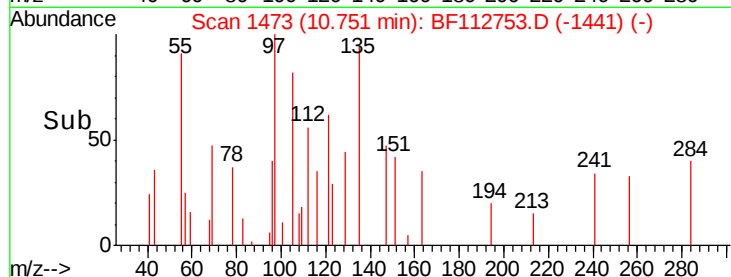
300

200

100

0

Time-->



#71

Phenanthrene

Concen: 0.474 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

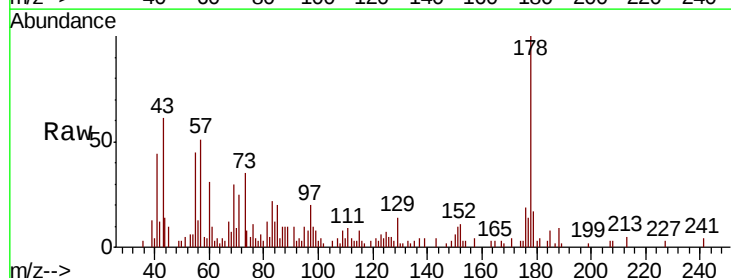
Tgt Ion:178 Resp: 13042

Ion Ratio Lower Upper

178 100

176 18.9 16.3 24.5

179 17.3 12.7 19.1



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

11.27

20000

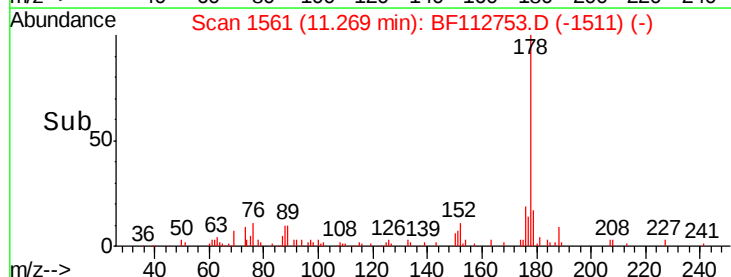
15000

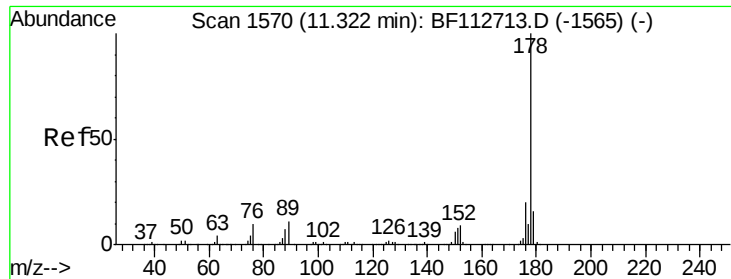
10000

5000

0

Time-->





#72

Anthracene

Concen: 0.453 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.05 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

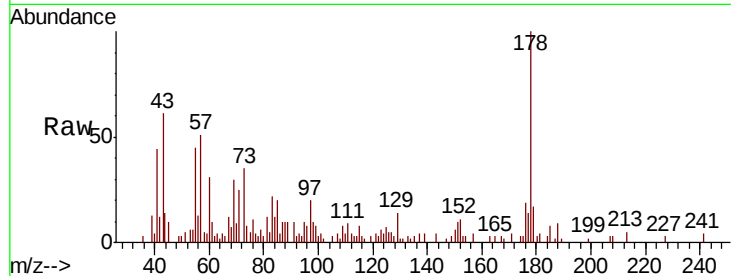
Tgt Ion:178 Resp: 13042

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

179 17.3 13.0 19.6

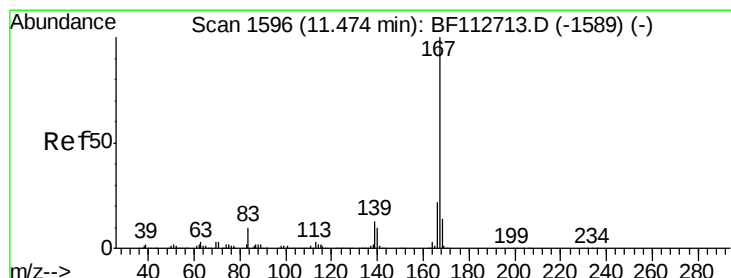
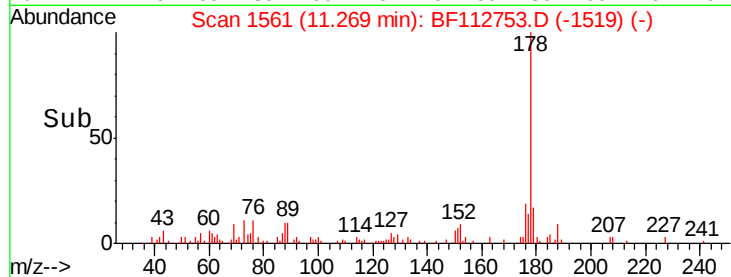
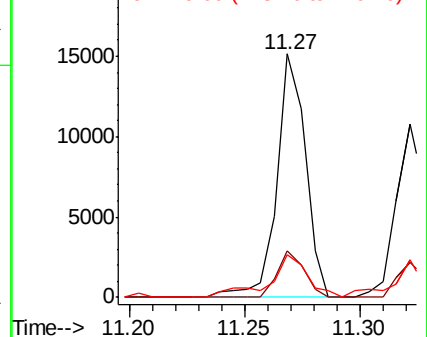


Abundance

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: 0.133 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

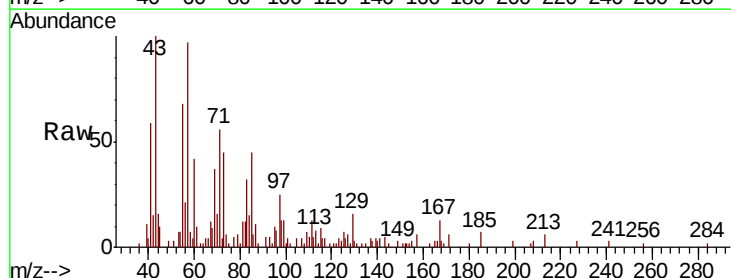
Tgt Ion:167 Resp: 3740

Ion Ratio Lower Upper

167 100

166 20.6 17.5 26.3

139 31.4 10.8 16.2#

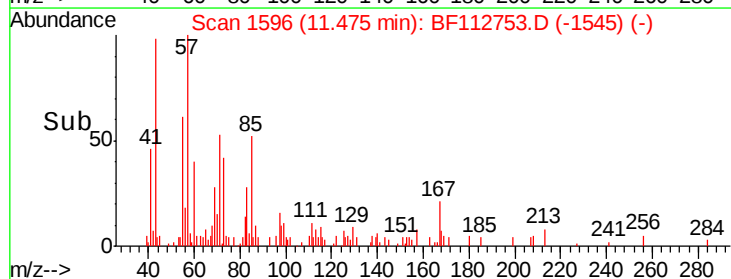
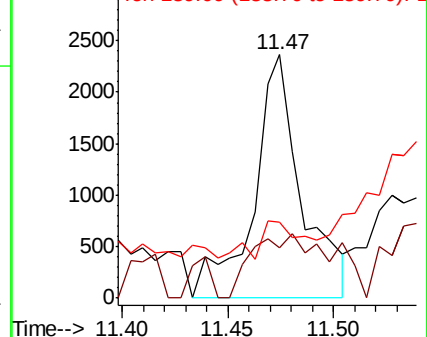


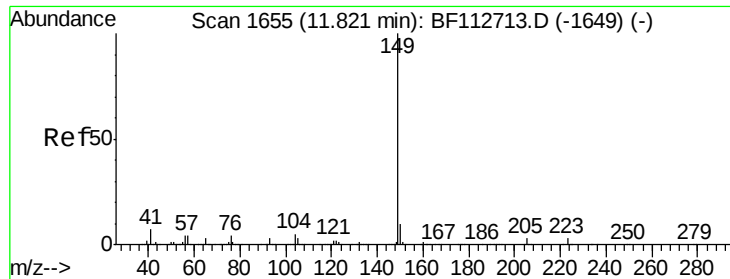
Abundance

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: 0.742 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

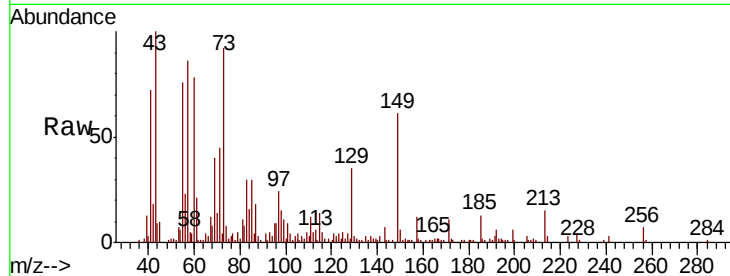
Tgt Ion:149 Resp: 24997

Ion Ratio Lower Upper

149 100

150 10.4 7.6 11.4

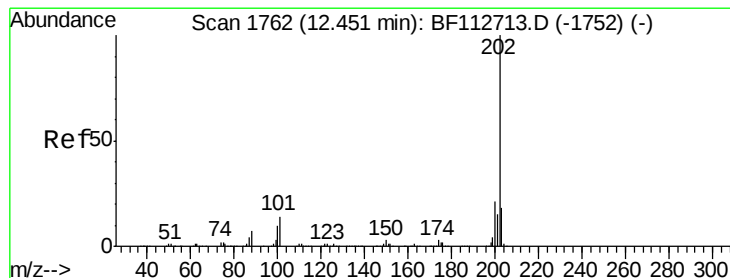
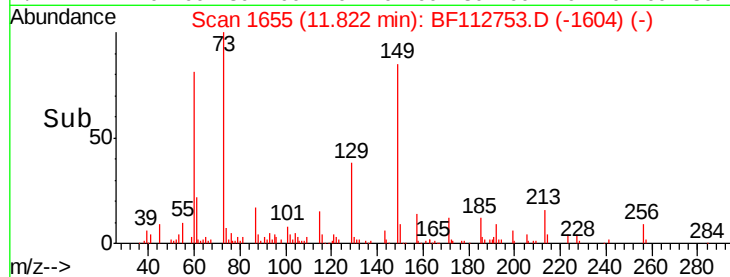
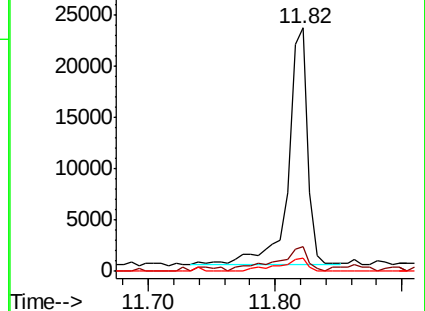
104 5.3 3.7 5.5



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: 3.146 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

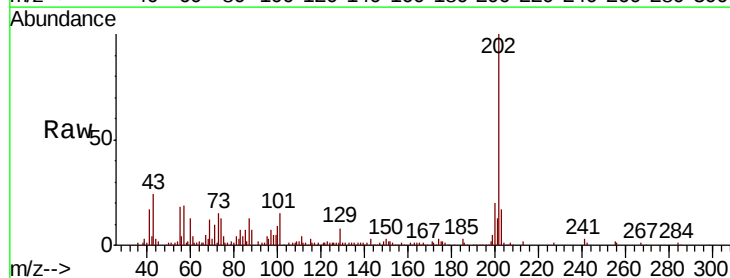
Tgt Ion:202 Resp: 92741

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.8

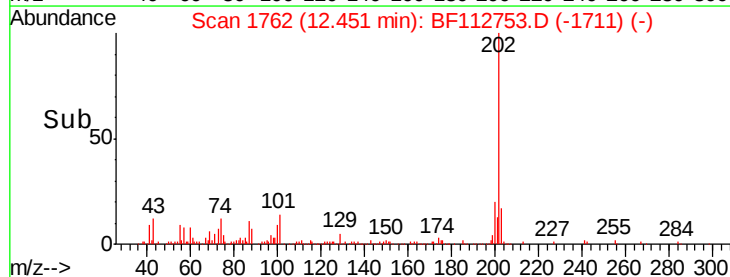
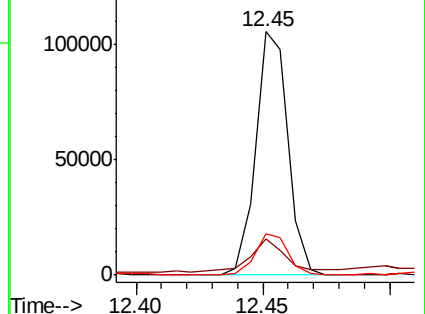
203 17.0 0.0 38.4

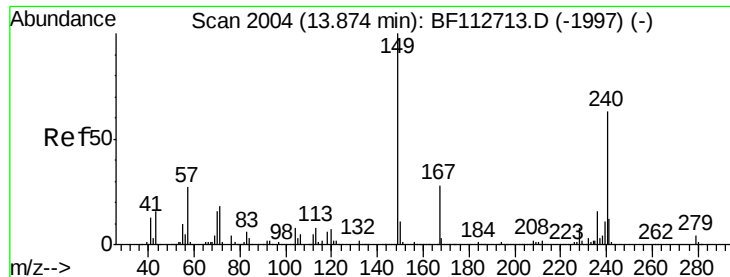


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

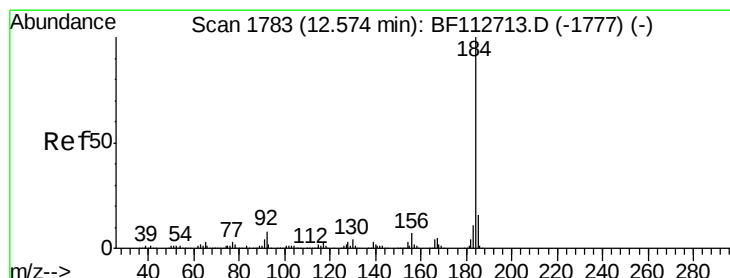
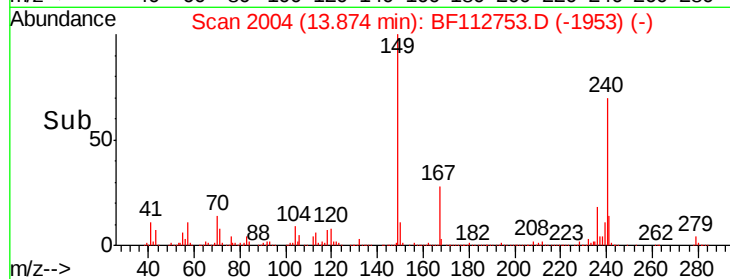
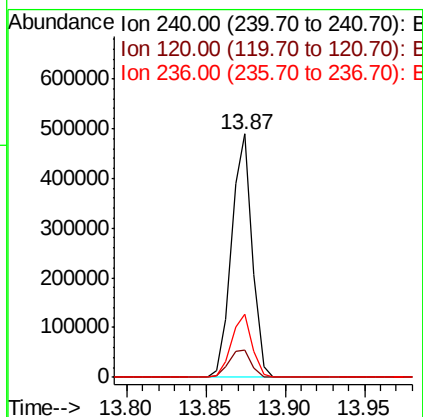
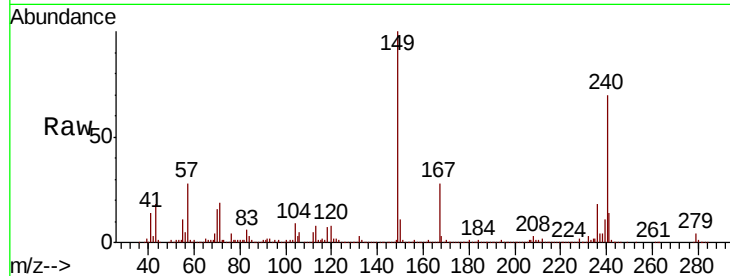




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

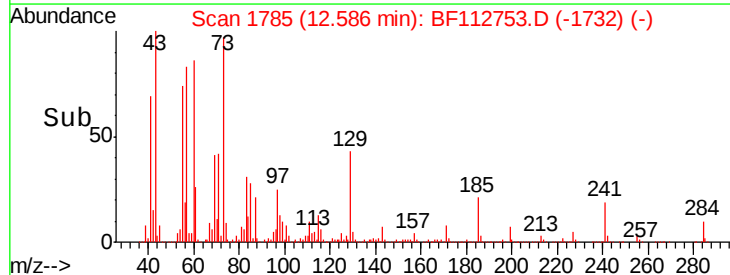
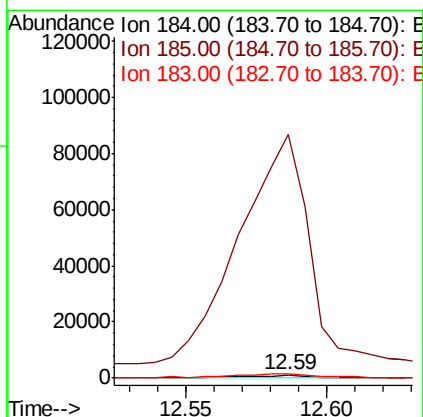
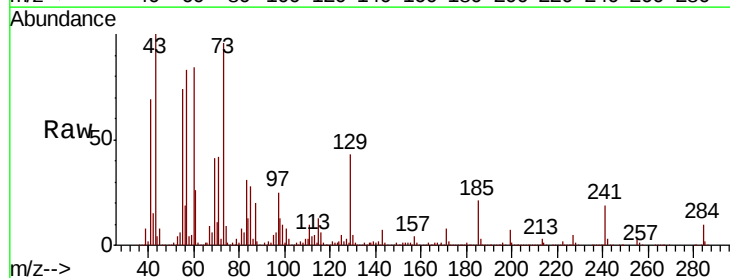
Instrument :
BNA_F
ClientSampleId :
L-1

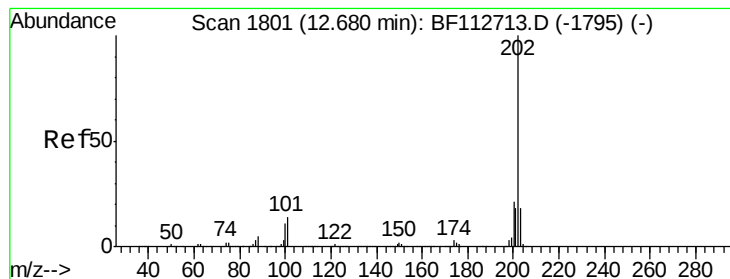
Tgt Ion:240 Resp: 437506
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.2 20.7 31.1



#77
Benzidine
Concen: 0.056 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion:184 Resp: 1273
Ion Ratio Lower Upper
184 100
185 7339.4 12.6 18.8#
183 123.6 8.6 12.8#





#78

Pyrene

Concen: 2.725 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

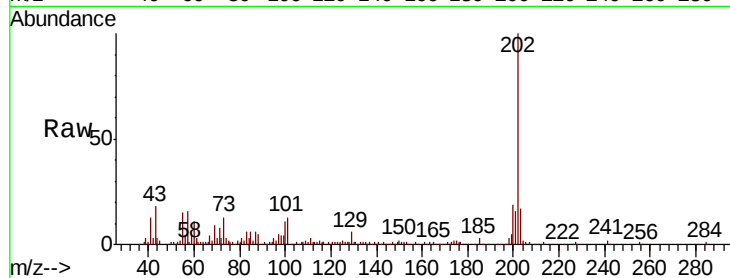
Tgt Ion:202 Resp: 100507

Ion Ratio Lower Upper

202 100

200 19.4 17.0 25.4

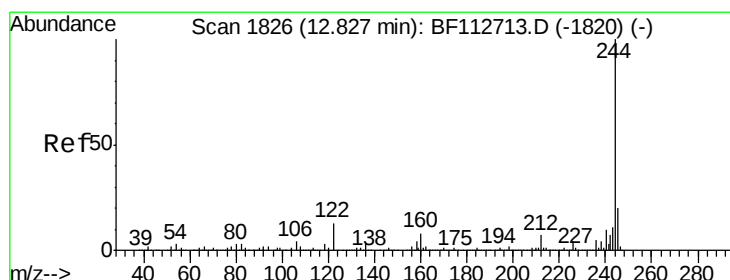
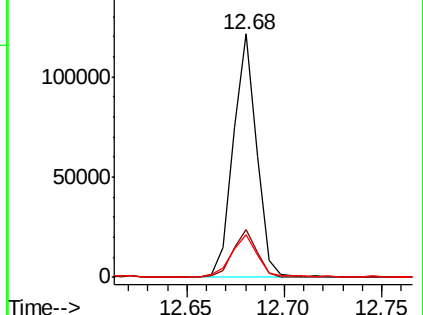
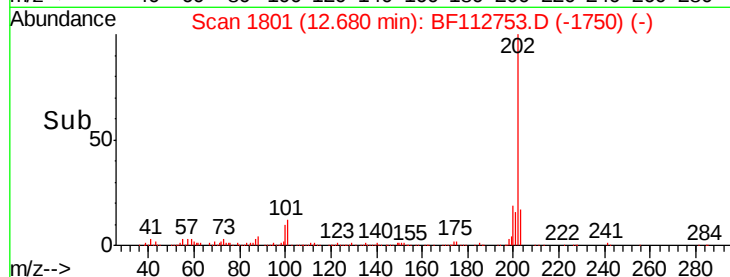
203 17.5 14.4 21.6



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: 46.892 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

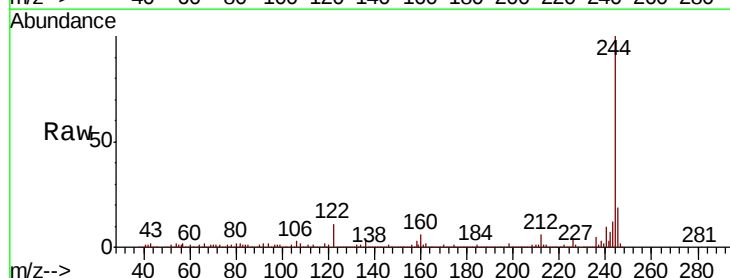
Tgt Ion:244 Resp: 1058324

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

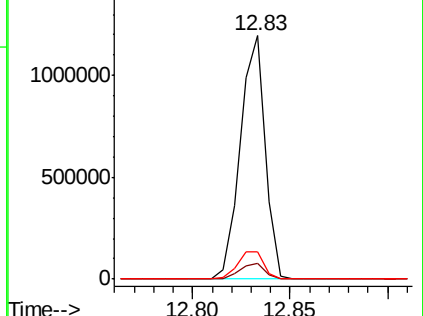
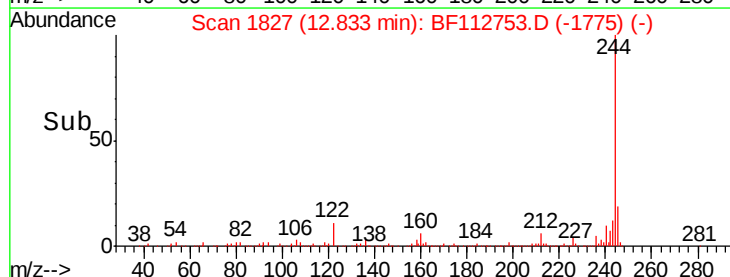
122 11.0 10.5 15.7

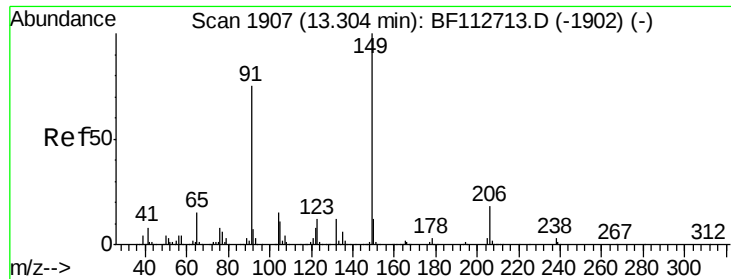


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

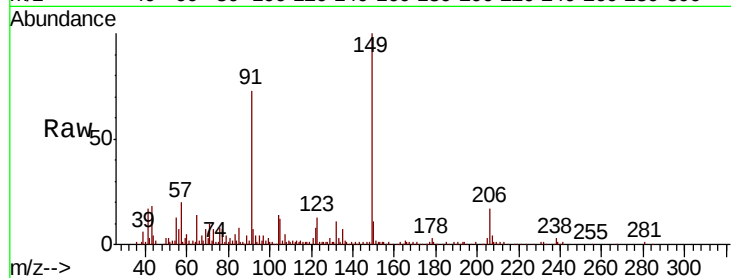




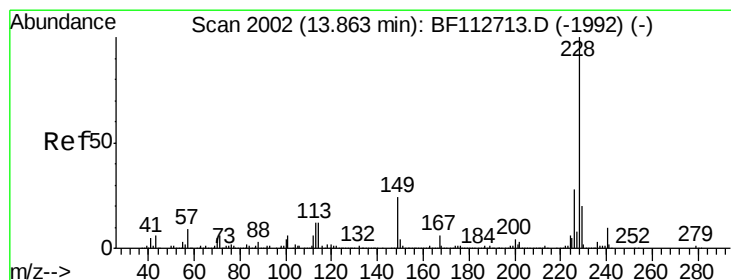
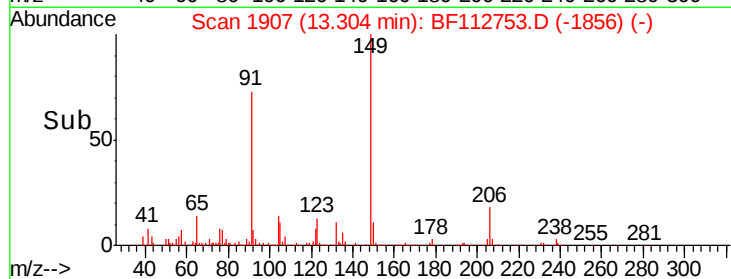
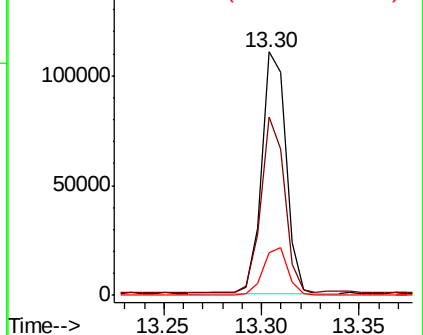
#80
Butylbenzylphthalate
Concen: 5.847 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampled :
L-1

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	59.9	89.9
206	17.4	14.7	22.1

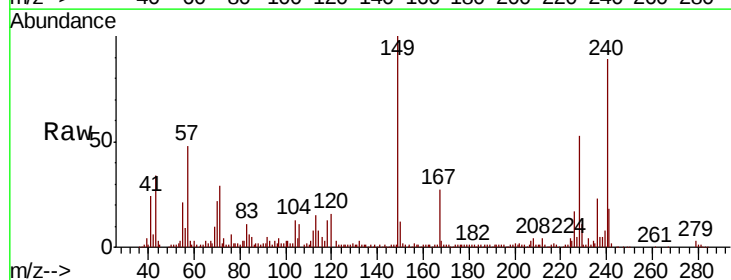


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

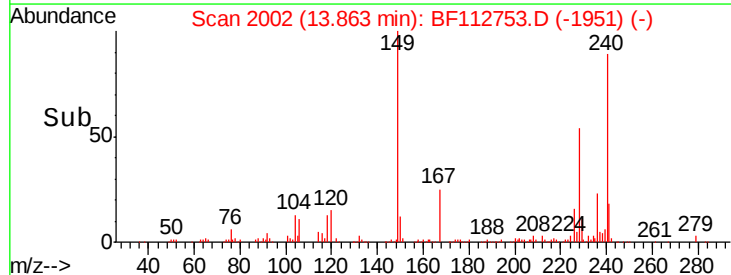
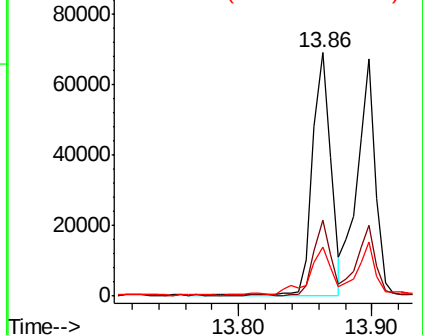


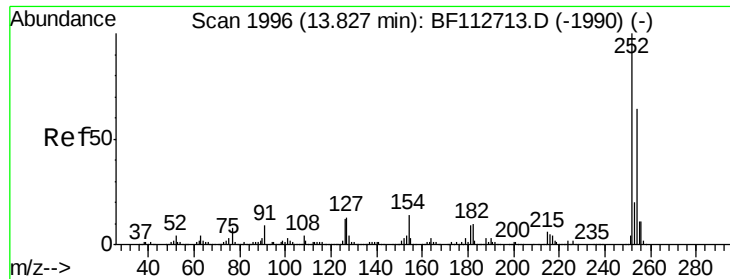
#81
Benzo(a)anthracene
Concen: 2.158 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.2	33.4
229	20.2	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

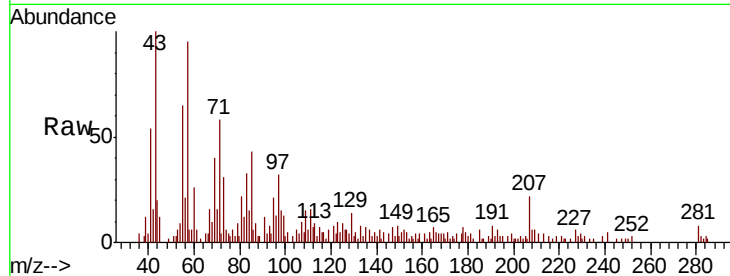




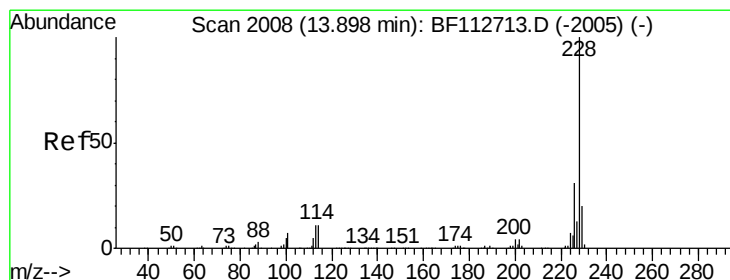
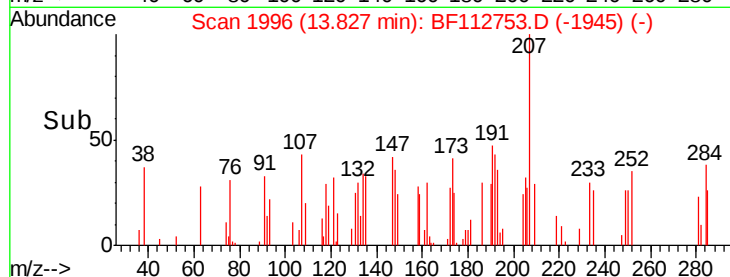
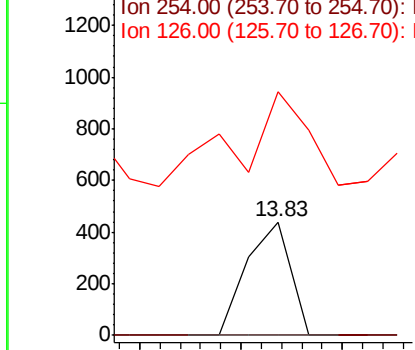
#82
 3,3'-Dichlorobenzidine
 Concen: 0.023 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Instrument :
 BNA_F
 ClientSampled :
 L-1

Tgt Ion: 252 Resp: 261
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.1 76.7#
 126 215.3 9.9 14.9#

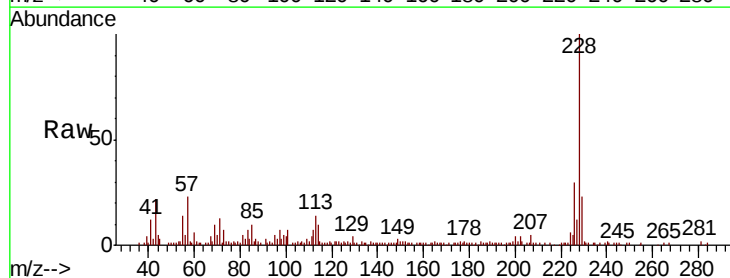


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

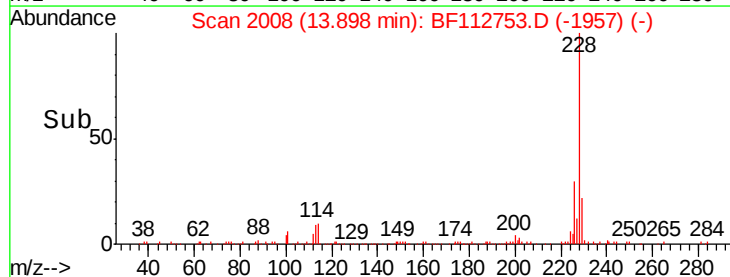
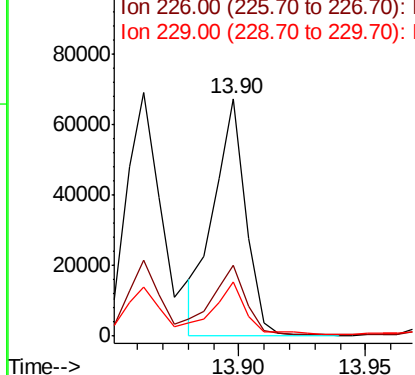


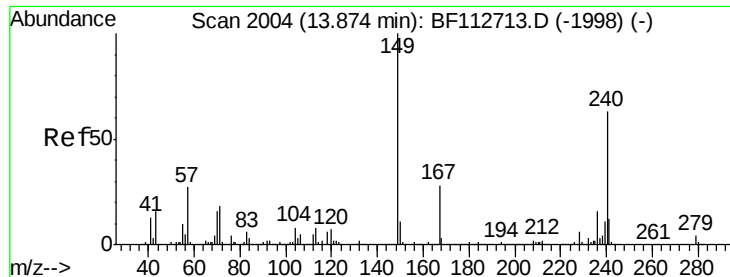
#83
 Chrysene
 Concen: 2.009 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Tgt Ion: 228 Resp: 59684
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.9 37.3
 229 22.6 16.3 24.5



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: 32.248 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

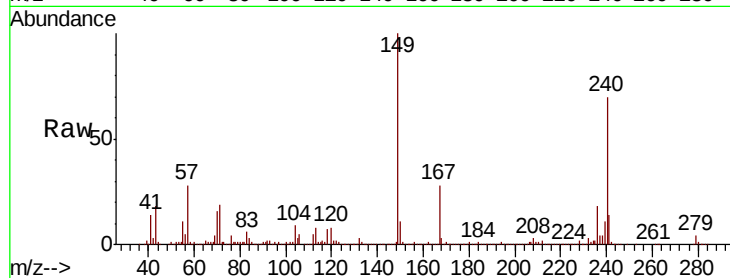
Tgt Ion:149 Resp: 615808

Ion Ratio Lower Upper

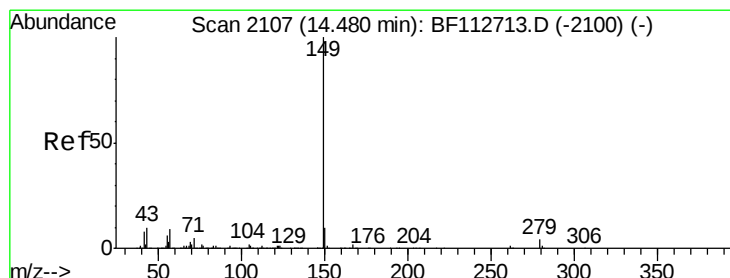
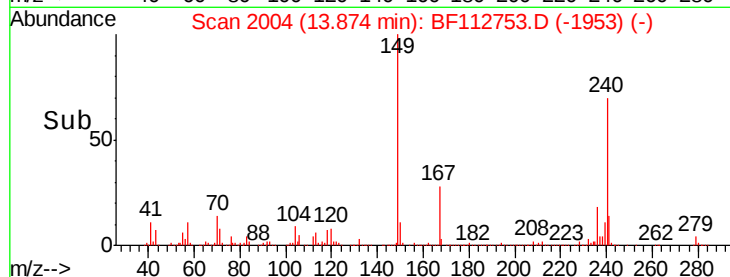
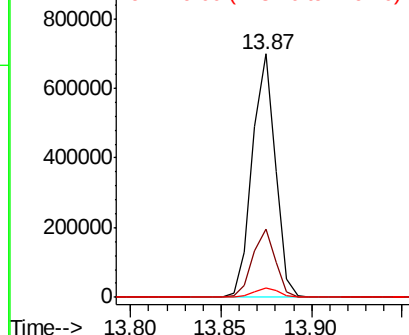
149 100

167 28.0 22.4 33.6

279 3.7 3.3 4.9



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: 0.036 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

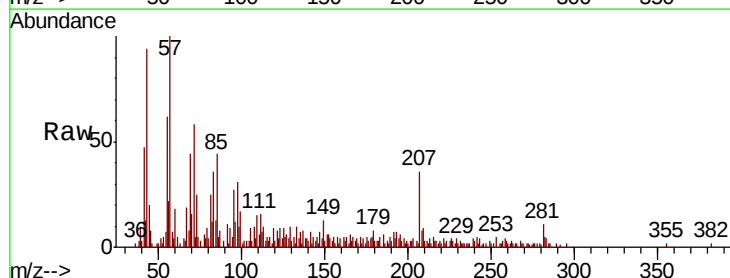
Tgt Ion:149 Resp: 1187

Ion Ratio Lower Upper

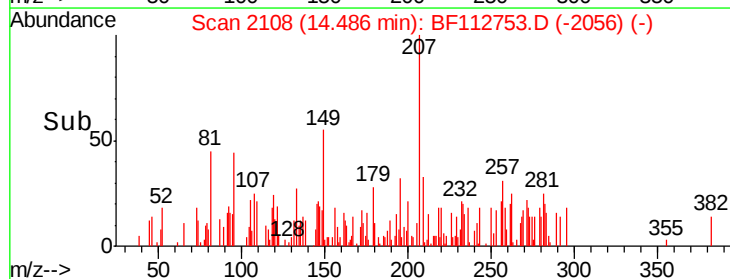
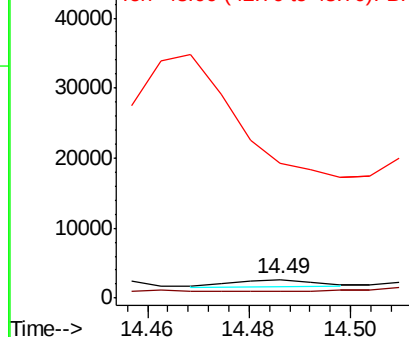
149 100

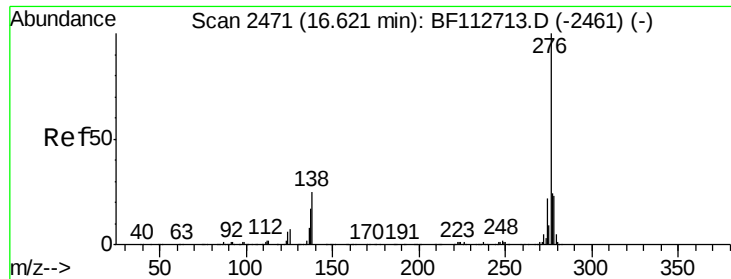
167 0.0 1.2 1.8#

43 2476.9 9.0 13.4#



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

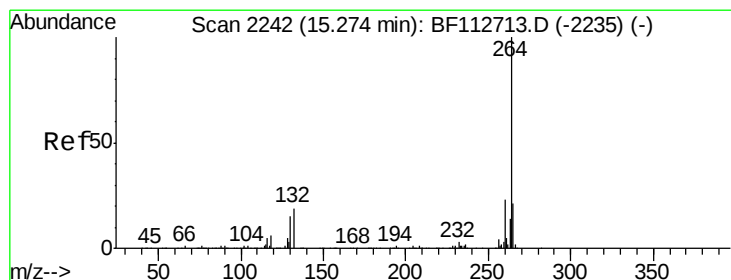
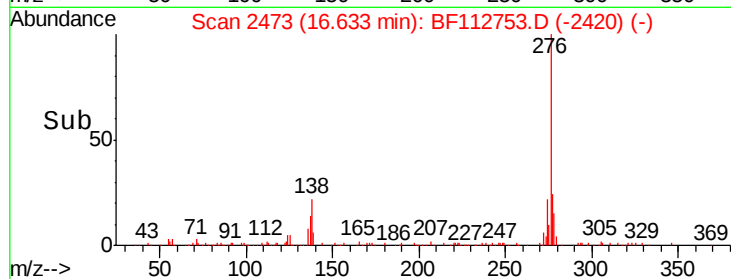
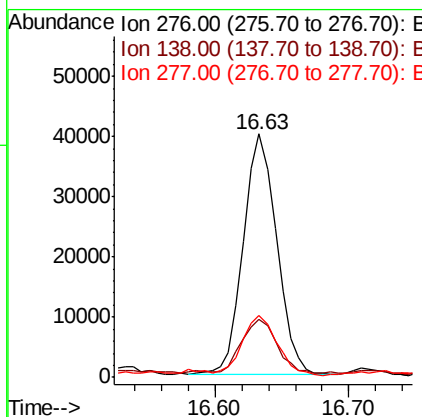
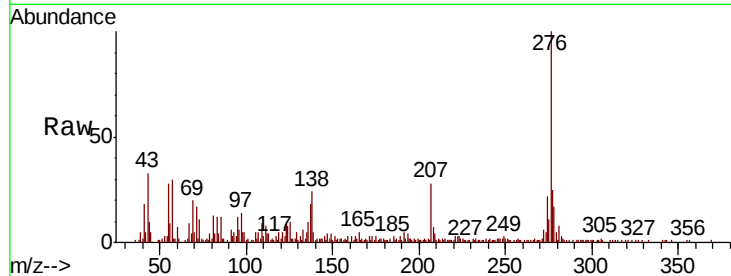




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.745 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. 0.01 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

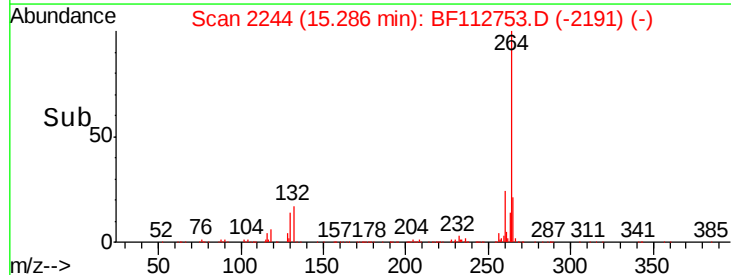
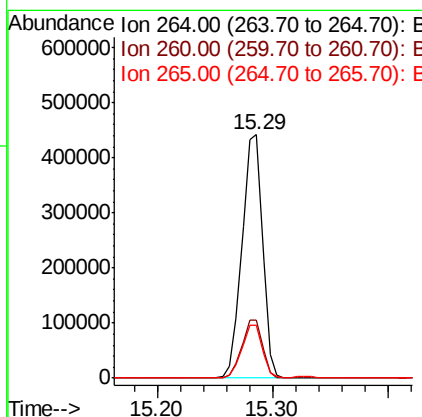
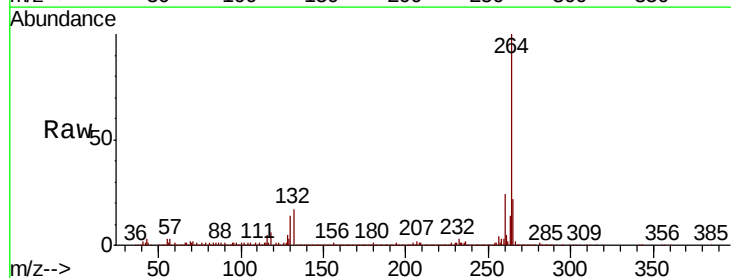
Instrument :
 BNA_F
 ClientSampled :
 L-1

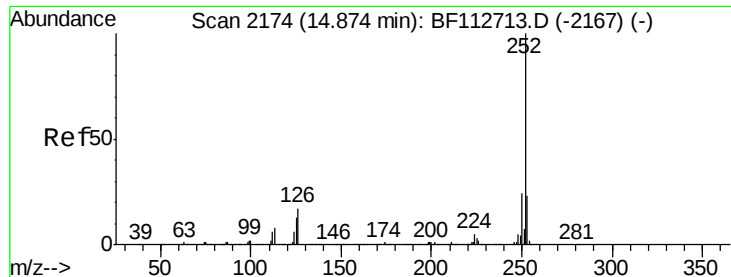
Tgt Ion:276 Resp: 69514
 Ion Ratio Lower Upper
 276 100
 138 22.8 23.2 34.8#
 277 25.8 19.9 29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. 0.01 min
 Lab File: BF112753.D
 Acq: 28 Feb 2019 11:05

Tgt Ion:264 Resp: 548054
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.6 17.2 25.8

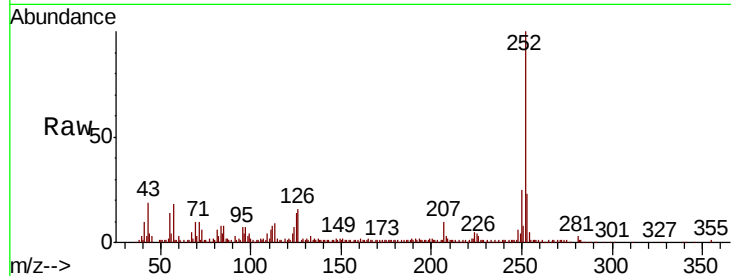




#88
Benzo(b)fluoranthene
Concen: 4.419 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampleId :
L-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.8	10.2	15.2

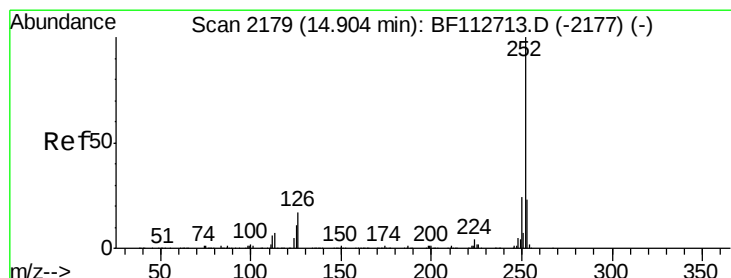
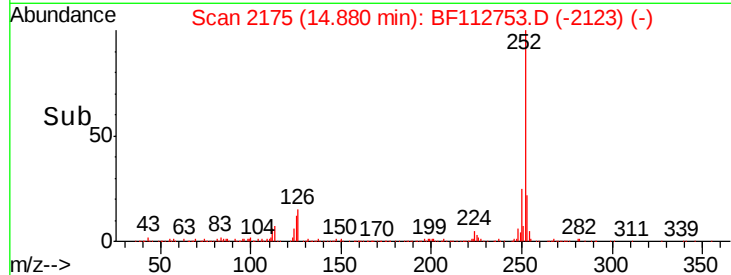
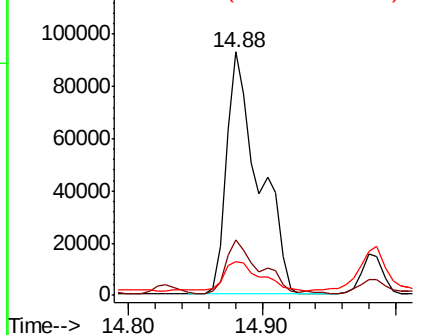


Abundance

Ion 252.00 (251.70 to 252.70): E

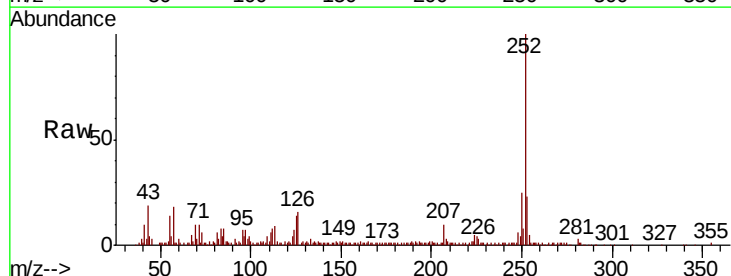
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 4.879 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.8	9.8	14.6

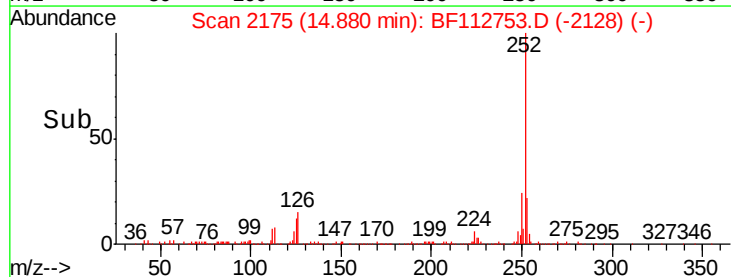
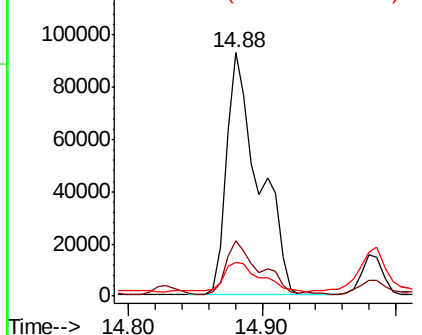


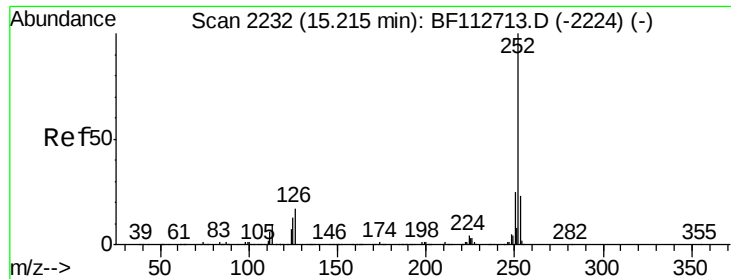
Abundance

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

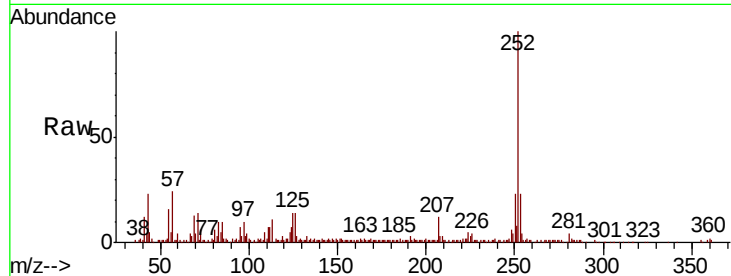




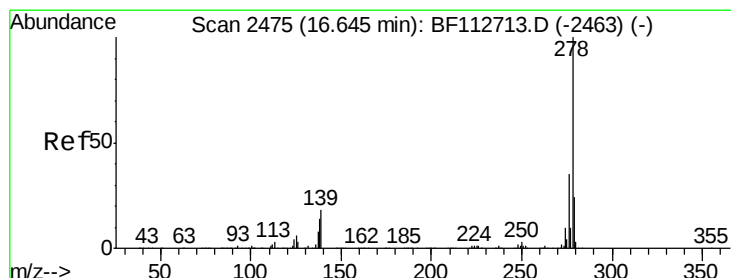
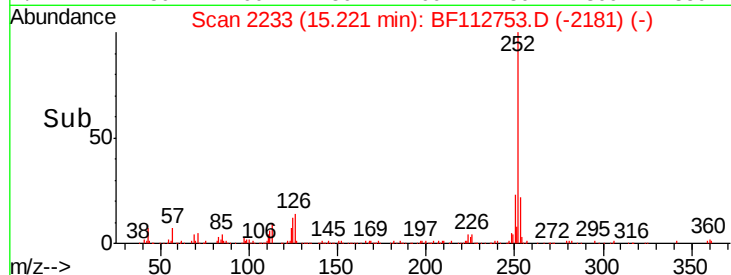
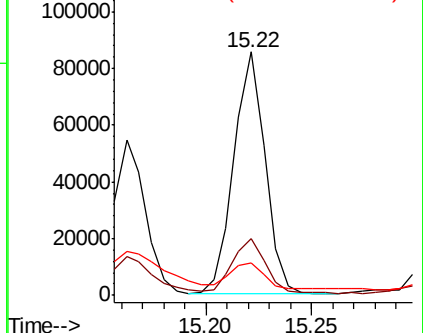
#90
Benzo(a)pyrene
Concen: 2.787 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Instrument :
BNA_F
ClientSampled :
L-1

Tgt Ion: 252 Resp: 87375
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 13.5 10.7 16.1

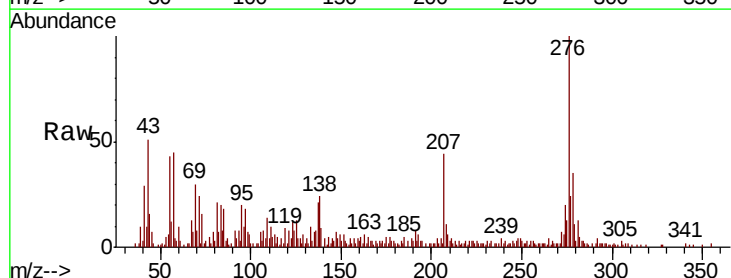


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

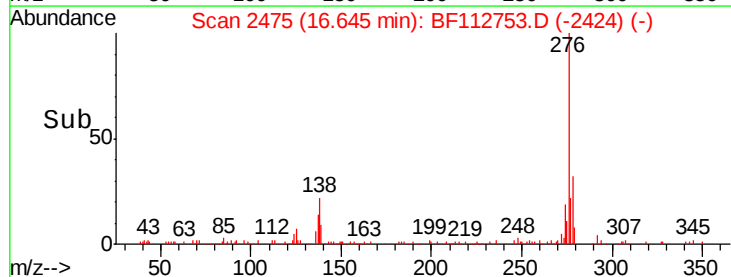
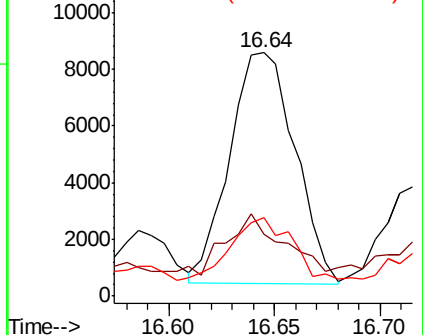


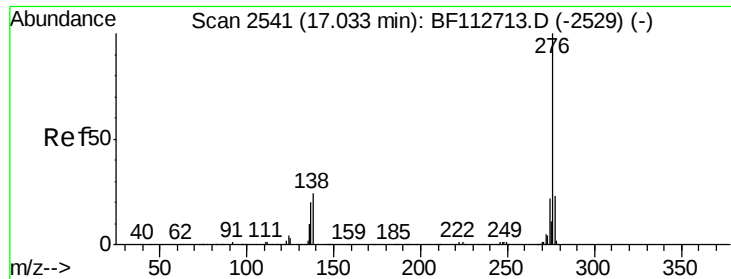
#91
Dibenzo(a,h)anthracene
Concen: 0.655 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BF112753.D
Acq: 28 Feb 2019 11:05

Tgt Ion: 278 Resp: 17514
Ion Ratio Lower Upper
278 100
139 25.6 14.3 21.5#
279 32.3 19.4 29.0#



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: 2.704 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF112753.D

Acq: 28 Feb 2019 11:05

Instrument :

BNA_F

ClientSampleId :

L-1

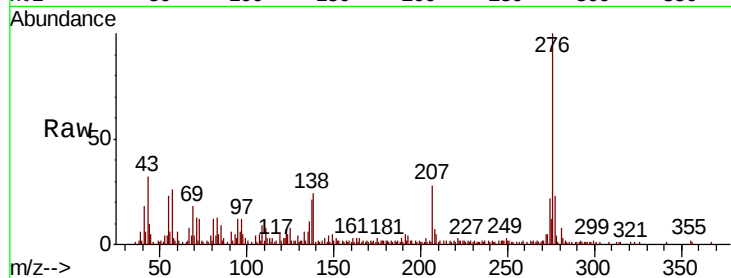
Tgt Ion:276 Resp: 72637

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 23.8 19.4 29.0



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

