

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119673.D
 Acq On : 1 Apr 2020 14:33
 Operator : MA/SJ
 Sample : L1762-25MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Quant Time: Apr 02 00:06:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	260308	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1010558	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	529279	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1011189	20.00	ng	0.00
76) Chrysene-d12	13.99	240	752445	20.00	ng	0.00
87) Perylene-d12	15.45	264	800553	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2121829	129.76	ng	0.04
7) Phenol-d6	6.45	99	2538406	121.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	1825417	98.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	847275	155.17	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3430389	96.02	ng	0.00
79) Terphenyl-d14	12.94	244	3814083	99.31	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.78	88	316547	39.20	ng	# 82
3) Pyridine	3.47	79	751179	33.76	ng	92
4) n-Nitrosodimethylamine	3.40	42	453929	41.84	ng	89
6) Aniline	6.47	93	241199	8.37	ng	# 89
8) 2-Chlorophenol	6.60	128	941846	54.84	ng	96
9) Benzaldehyde	6.36	77	439842	33.19	ng	99
10) Phenol	6.46	94	989162	44.38	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	940945	52.78	ng	100
12) 1,3-Dichlorobenzene	6.76	146	908994	48.90	ng	98
13) 1,4-Dichlorobenzene	6.83	146	906447	48.75	ng	99
14) 1,2-Dichlorobenzene	6.99	146	846727	48.72	ng	99
15) Benzyl Alcohol	6.96	79	774939	49.32	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1619631	45.04	ng	96
17) 2-Methylphenol	7.07	107	767842	48.80	ng	99
18) Hexachloroethane	7.33	117	353366	51.86	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	643671	51.12	ng	96
20) 3+4-Methylphenols	7.23	107	874330	45.34	ng	# 78
22) Acetophenone	7.23	105	1218865	50.48	ng	# 90
24) Nitrobenzene	7.40	77	981498	49.39	ng	100
25) Isophorone	7.64	82	1856701	49.22	ng	99
26) 2-Nitrophenol	7.72	139	507796	64.90	ng	91
27) 2,4-Dimethylphenol	7.76	122	848540	52.45	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	1193050	53.49	ng	99
29) 2,4-Dichlorophenol	7.96	162	786500	52.91	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	837533	50.95	ng	99
31) Naphthalene	8.12	128	2719653	52.30	ng	100
32) Benzoic acid	7.86	122	353956	34.01	ng	95
33) 4-Chloroaniline	8.17	127	118714	4.98	ng	97
34) Hexachlorobutadiene	8.24	225	471964	51.31	ng	99
35) Caprolactam	8.60	113	70166	14.42	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	860183	52.94	ng	99
37) 2-Methylnaphthalene	8.82	142	1840962	53.94	ng	98
38) 1-Methylnaphthalene	8.92	142	1731478	53.60	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	767565	49.48	ng	99

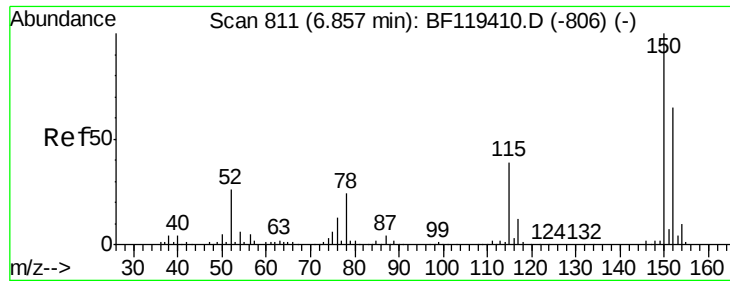
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	890279	100.94	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	613667	55.28	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	593343	47.71	ng	98
46) 1,1'-Biphenyl	9.28	154	2145866	49.78	ng	99
47) 2-Chloronaphthalene	9.30	162	1683172	49.85	ng	100
48) 2-Nitroaniline	9.40	65	603467	51.78	ng	90
49) Acenaphthylene	9.72	152	2638931	49.77	ng	99
50) Dimethylphthalate	9.59	163	1996465	53.10	ng	99
51) 2,6-Dinitrotoluene	9.64	165	453779	56.31	ng	91
52) Acenaphthene	9.90	154	1750953	52.97	ng	99
53) 3-Nitroaniline	9.81	138	131024	12.88	ng	92
54) 2,4-Dinitrophenol	9.92	184	301560	85.90	ng	96
55) Dibenzofuran	10.07	168	2390990	50.45	ng	99
56) 4-Nitrophenol	9.98	139	728833	90.81	ng	95
57) 2,4-Dinitrotoluene	10.05	165	614061	60.49	ng	98
58) Fluorene	10.41	166	1812541	51.72	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	502088	54.01	ng	99
60) Diethylphthalate	10.29	149	2051955	53.78	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	874377	51.02	ng	99
62) 4-Nitroaniline	10.43	138	454275	46.57	ng	95
63) Azobenzene	10.56	77	1954242	50.86	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	254275	59.97	ng	93
66) n-Nitrosodiphenylamine	10.53	169	1721814	51.87	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	594358	51.61	ng	100
68) Hexachlorobenzene	10.96	284	630479	53.49	ng	# 91
69) Atrazine	11.06	200	532257	58.49	ng	98
70) Pentachlorophenol	11.16	266	691826	100.10	ng	97
71) Phenanthrene	11.37	178	2667818	50.88	ng	100
72) Anthracene	11.43	178	2717020	50.99	ng	99
73) Carbazole	11.58	167	2587655	49.06	ng	100
74) Di-n-butylphthalate	11.92	149	3179872	56.36	ng	100
75) Fluoranthene	12.56	202	2935312	51.73	ng	99
77) Benzidine	12.68	184	131835	4.14	ng	99
78) Pyrene	12.79	202	2969882	48.09	ng	100
80) Butylbenzylphthalate	13.42	149	1403192	56.18	ng	99
81) Benzo(a)anthracene	13.99	228	2331237	47.64	ng	98
82) 3,3'-Dichlorobenzidine	13.94	252	257745	13.36	ng	98
83) Chrysene	14.02	228	2499298	49.49	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1778201	59.72	ng	99
85) Di-n-octyl phthalate	14.59	149	3263183	62.32	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	2759744	58.03	ng	98
88) Benzo(b)fluoranthene	15.03	252	2836188	53.04	ng	98
89) Benzo(k)fluoranthene	15.06	252	2364318	46.43	ng	99
90) Benzo(a)pyrene	15.39	252	2398771	49.36	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	2290250	53.88	ng	99
92) Benzo(g,h,i)perylene	17.36	276	2300516	53.87	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF119673.D

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BNA_F

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TR-04-032720MS

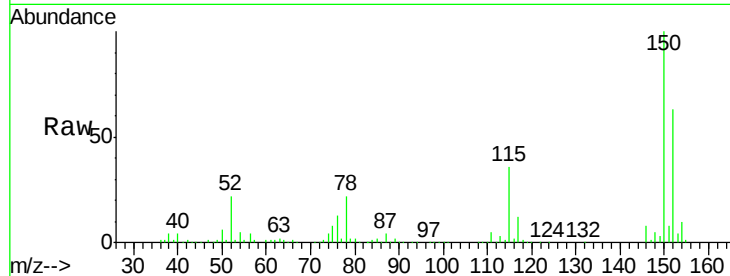
Tgt Ion: 152 Resp: 260308

Ion Ratio Lower Upper

152 100

150 159.3 124.5 186.7

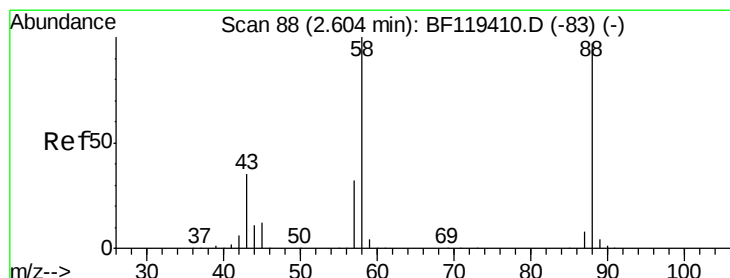
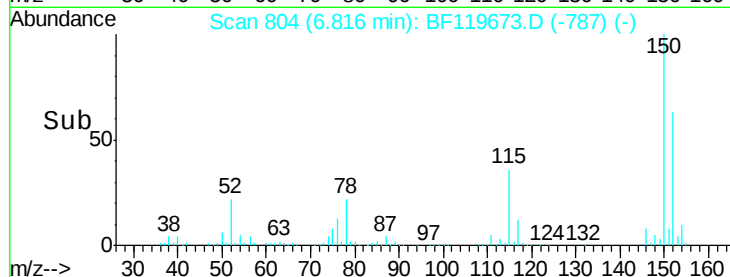
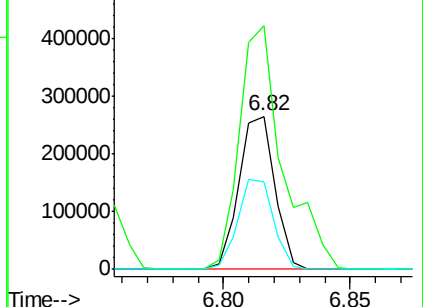
115 57.1 49.6 74.4



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: 39.20 ng

RT: 2.78 min Scan# 118

Delta R.T. 0.26 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

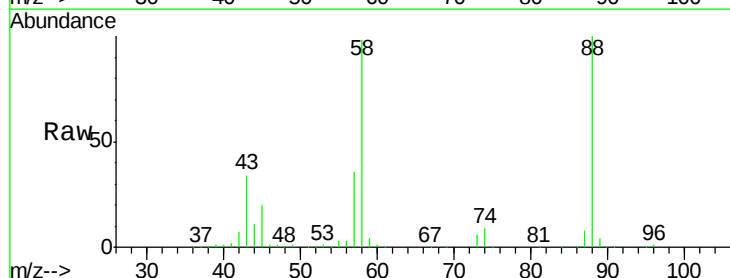
Tgt Ion: 88 Resp: 316547

Ion Ratio Lower Upper

88 100

58 96.4 80.6 121.0

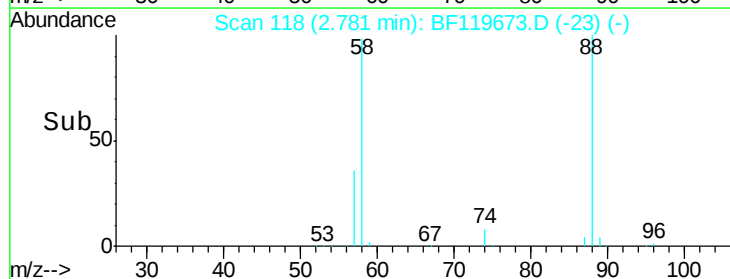
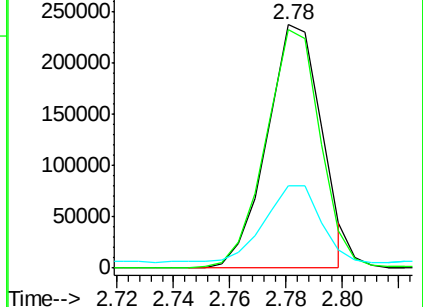
43 0.0 27.5 41.3#

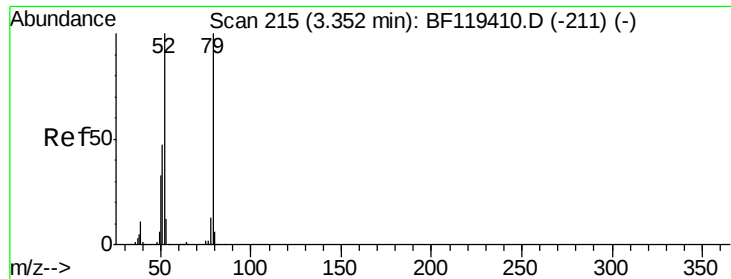


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 33.76 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.21 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

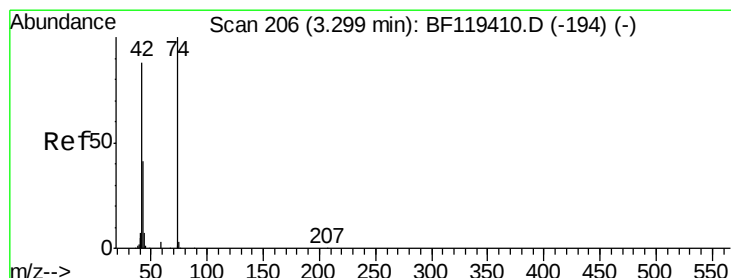
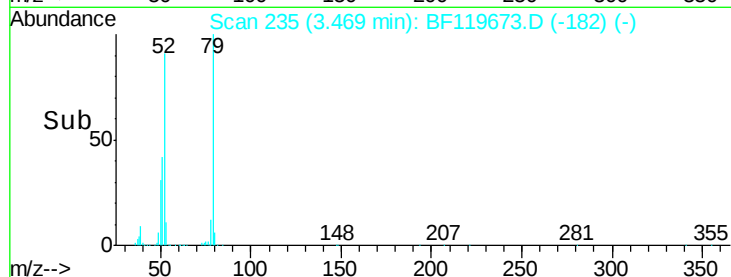
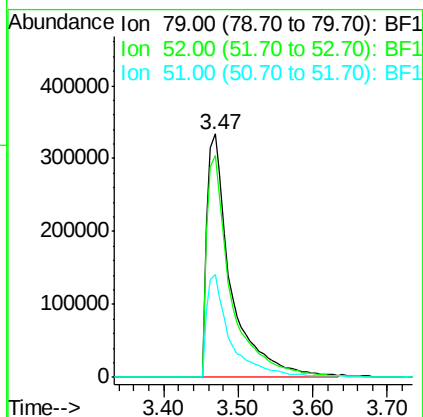
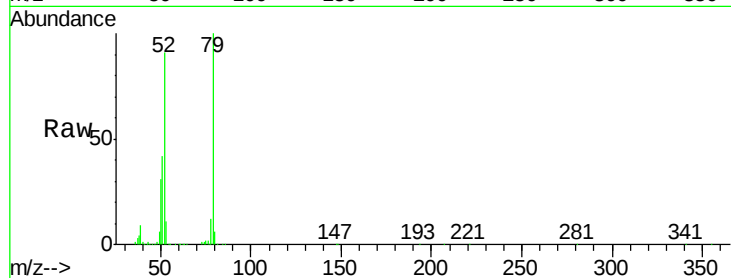
Tgt Ion: 79 Resp: 751179

Ion Ratio Lower Upper

79 100

52 91.3 80.2 120.2

51 42.1 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 41.84 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.19 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

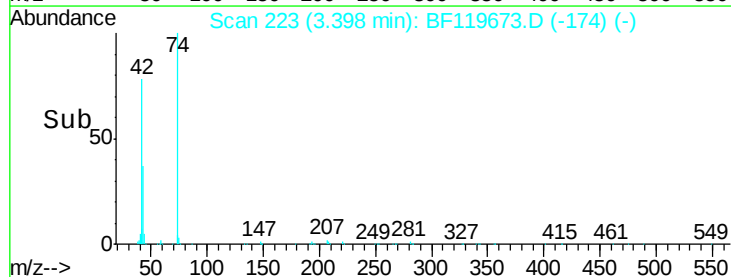
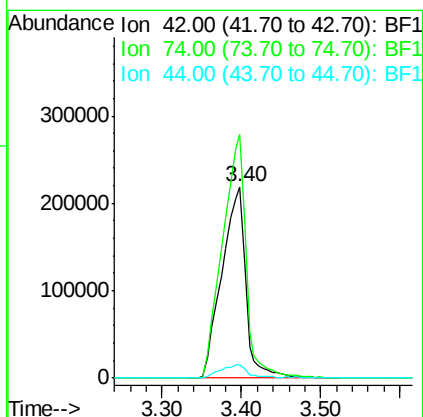
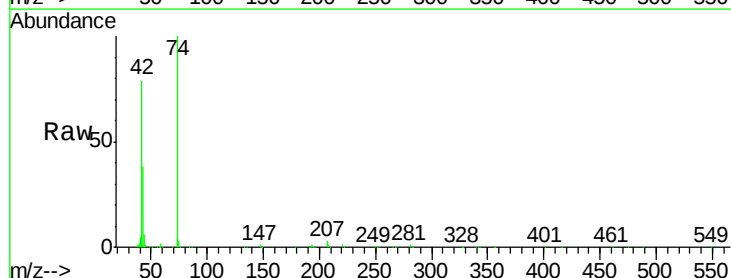
Tgt Ion: 42 Resp: 453929

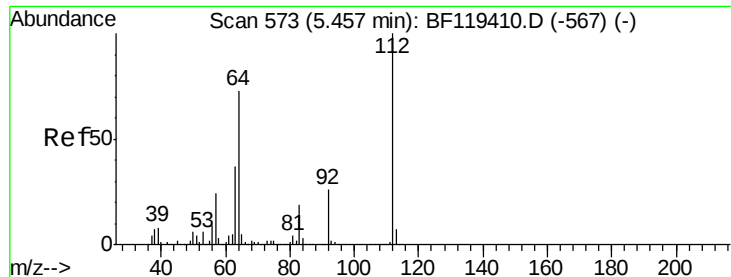
Ion Ratio Lower Upper

42 100

74 127.2 91.5 137.3

44 7.2 6.2 9.4





#5

2-Fluorophenol

Concen: 129.76 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.04 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

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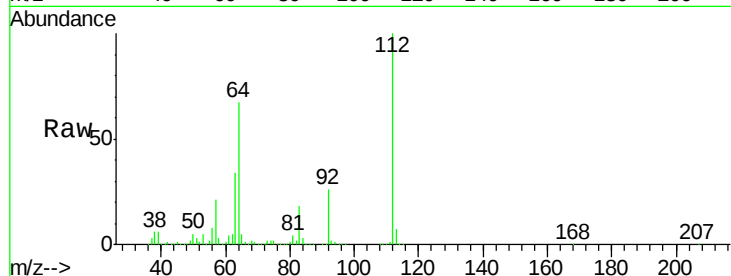
Tgt Ion:112 Resp: 2121829

Ion Ratio Lower Upper

112 100

64 66.8 56.7 85.1

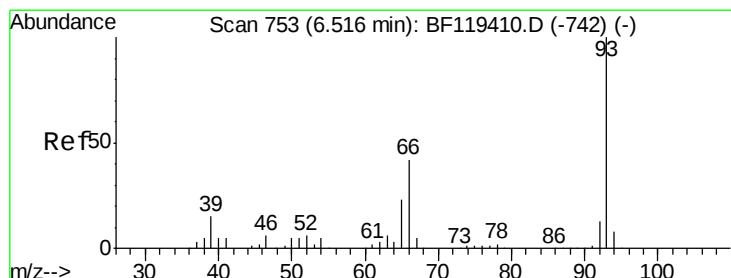
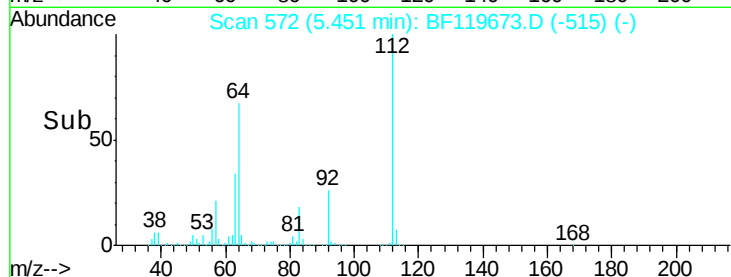
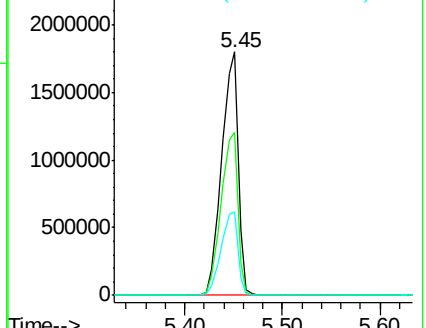
63 34.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF119410.D (-567) (-)

Ion 64.00 (63.70 to 64.70): BF119410.D (-567) (-)

Ion 63.00 (62.70 to 63.70): BF119410.D (-567) (-)



#6

Aniline

Concen: 8.37 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

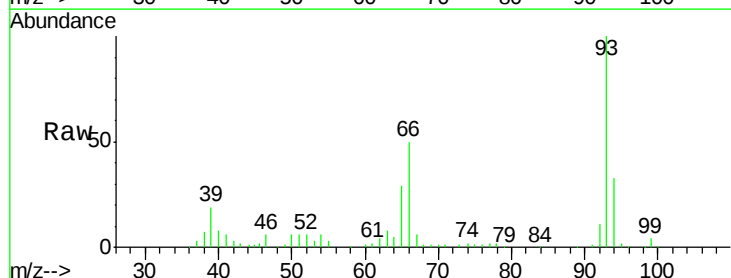
Tgt Ion: 93 Resp: 241199

Ion Ratio Lower Upper

93 100

66 50.3 34.9 52.3

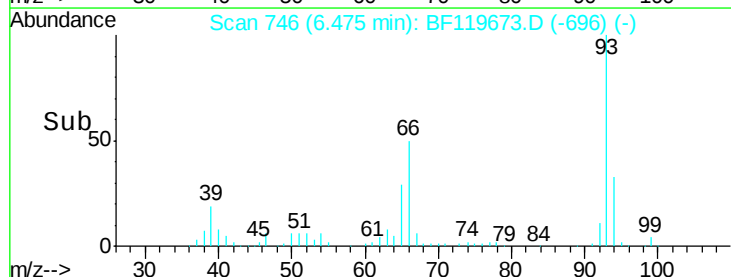
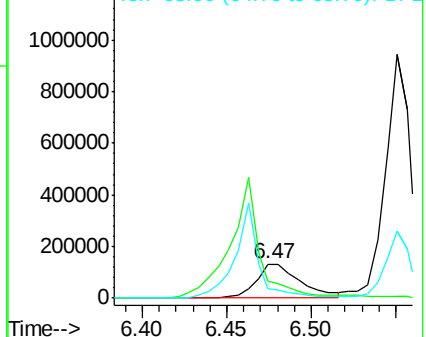
65 29.0 18.6 27.8#

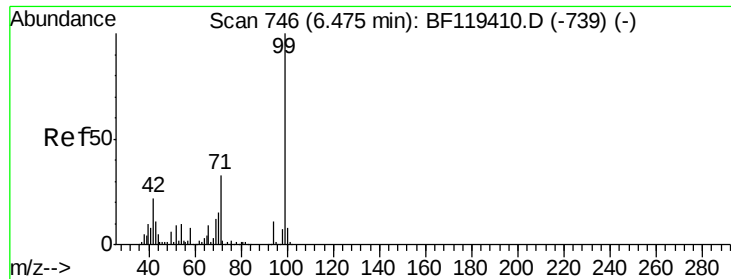


Abundance Ion 93.00 (92.70 to 93.70): BF119410.D (-742) (-)

Ion 66.00 (65.70 to 66.70): BF119410.D (-742) (-)

Ion 65.00 (64.70 to 65.70): BF119410.D (-742) (-)





#7

Phenol-d6

Concen: 121.52 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

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ClientSampleId :

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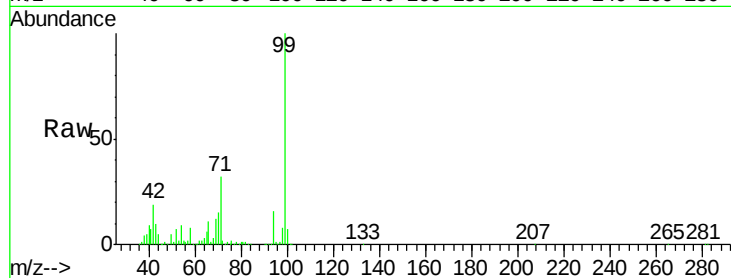
Tgt Ion: 99 Resp: 2538406

Ion Ratio Lower Upper

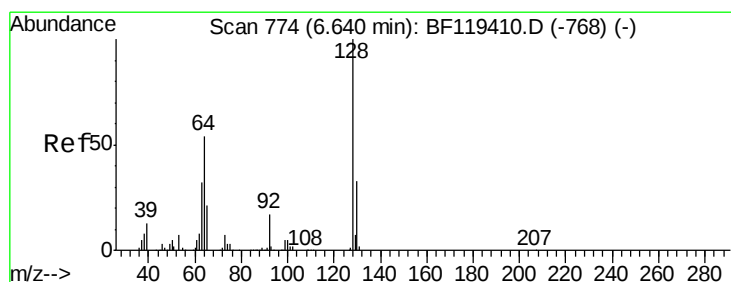
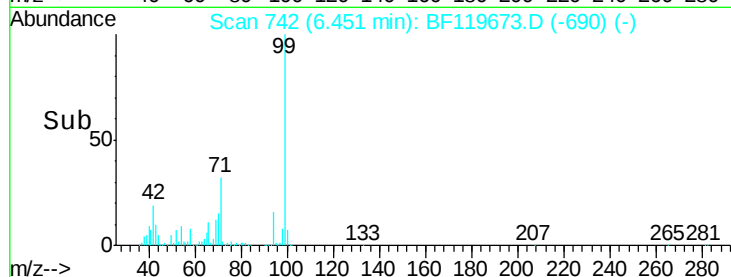
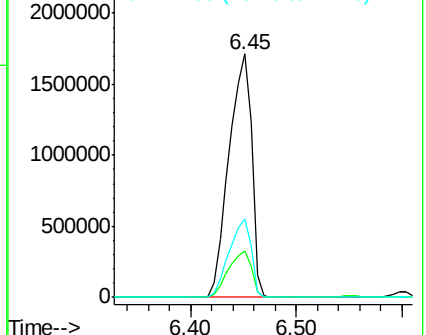
99 100

42 19.2 16.6 24.8

71 32.3 26.4 39.6



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



#8

2-Chlorophenol

Concen: 54.84 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

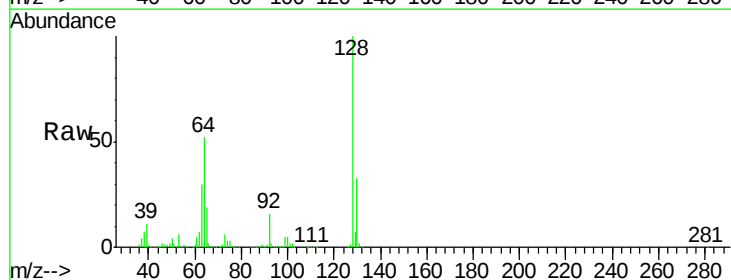
Tgt Ion: 128 Resp: 941846

Ion Ratio Lower Upper

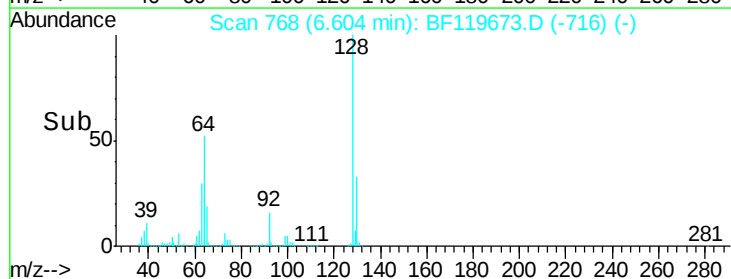
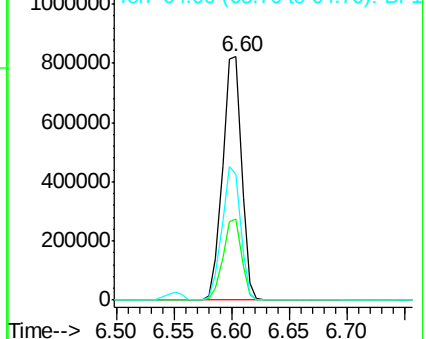
128 100

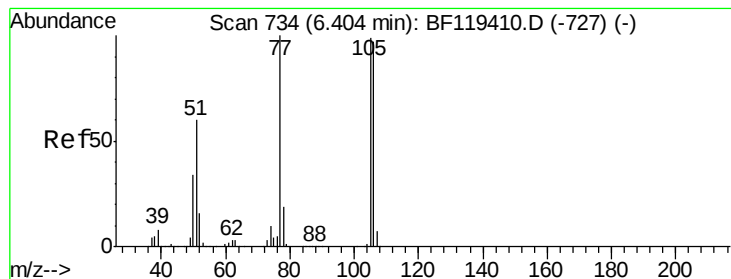
130 33.3 12.6 52.6

64 51.6 35.3 75.3



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: 33.19 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

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ClientSampleId :

TR-04-032720MS

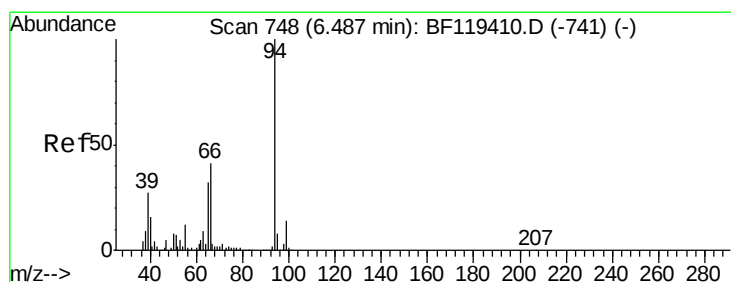
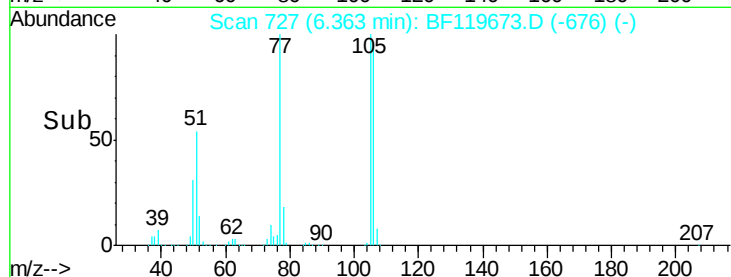
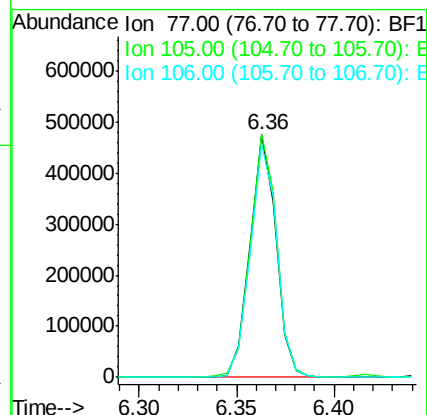
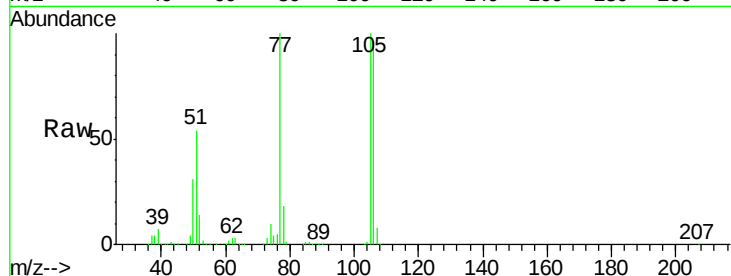
Tgt Ion: 77 Resp: 439842

Ion Ratio Lower Upper

77 100

105 100.3 80.9 120.9

106 96.4 77.9 117.9



#10

Phenol

Concen: 44.38 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

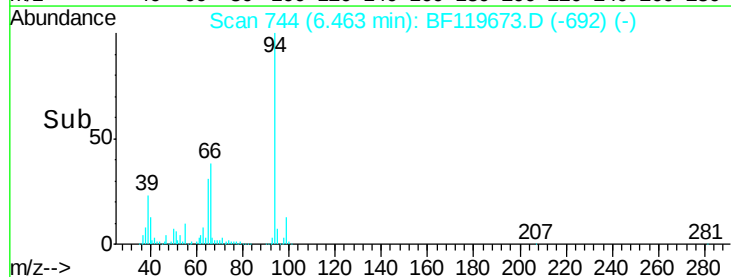
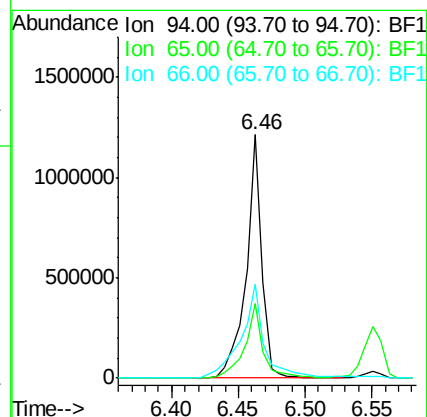
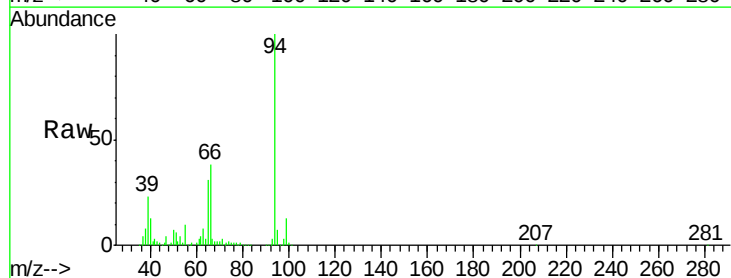
Tgt Ion: 94 Resp: 989162

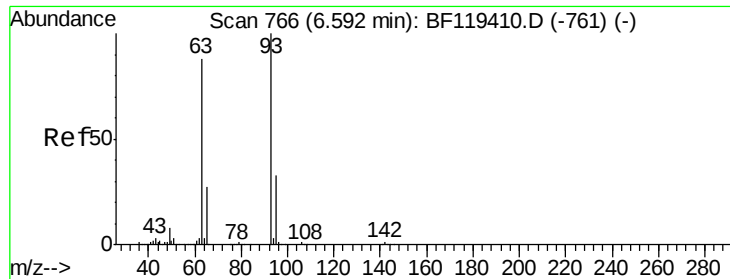
Ion Ratio Lower Upper

94 100

65 30.5 13.2 53.2

66 38.3 22.3 62.3

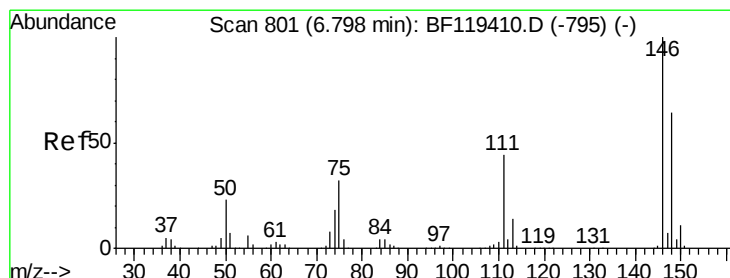
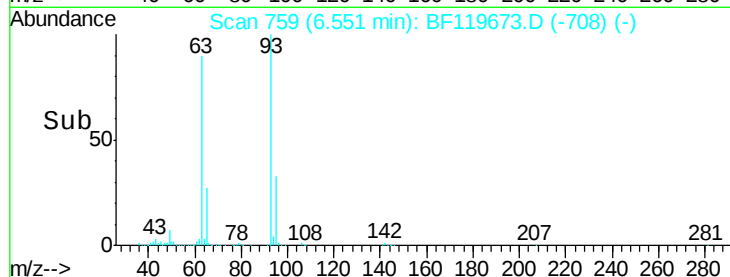
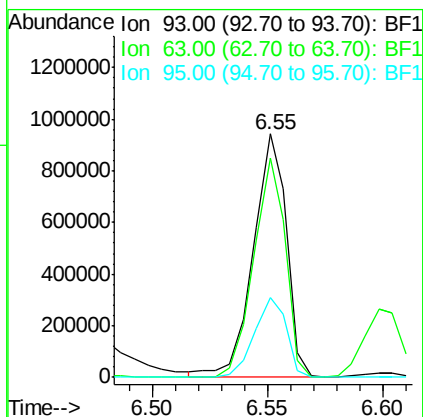
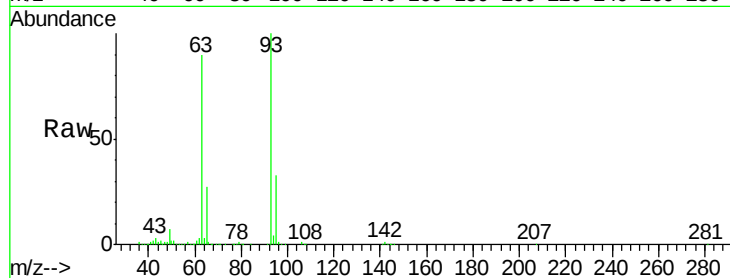




#11
bis(2-Chloroethyl)ether
Concen: 52.78 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

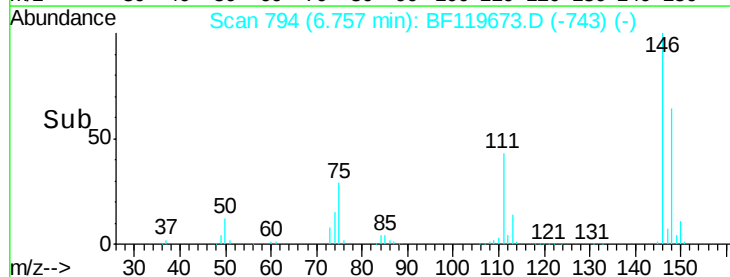
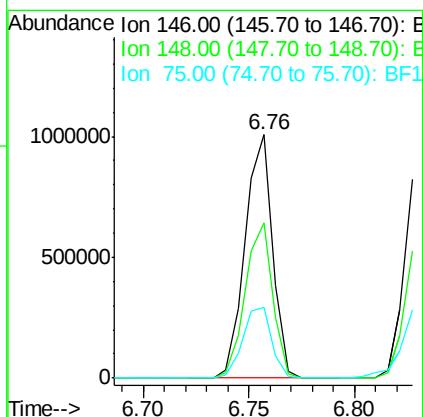
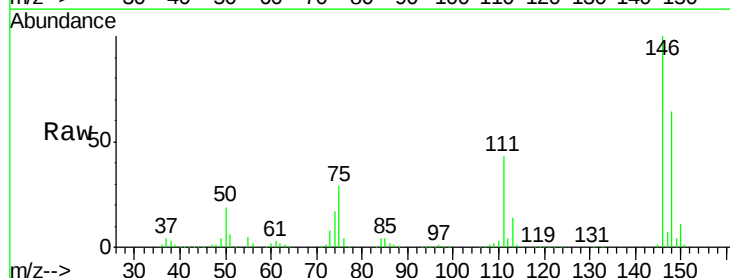
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

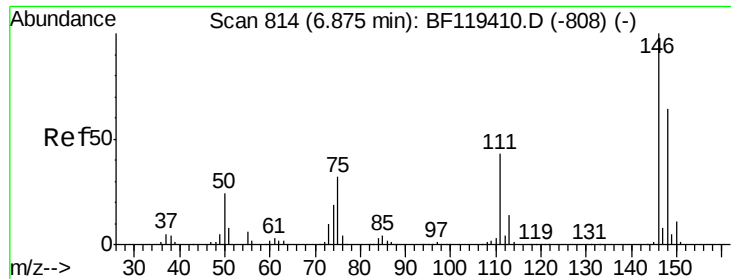
Tgt Ion: 93 Resp: 940945
Ion Ratio Lower Upper
93 100
63 90.2 70.2 110.2
95 32.8 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 48.90 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion: 146 Resp: 908994
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
75 29.3 23.0 34.4

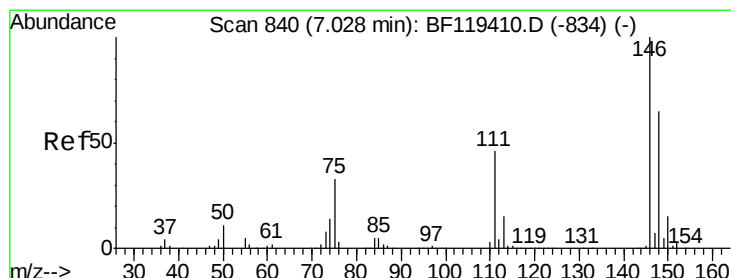
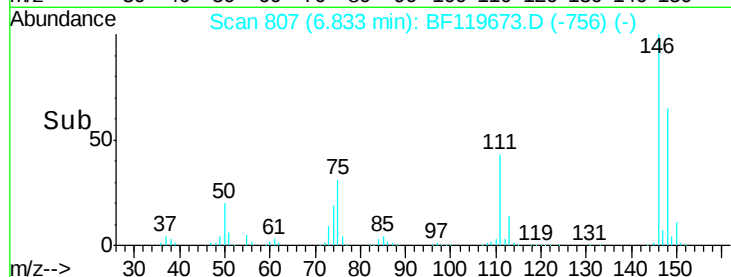
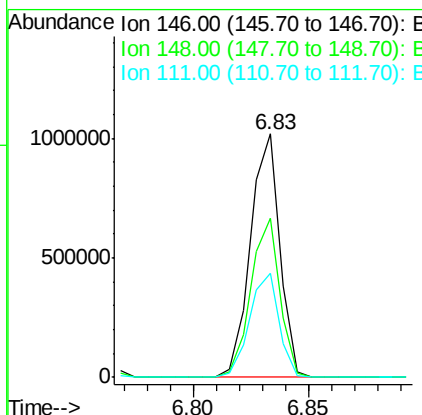
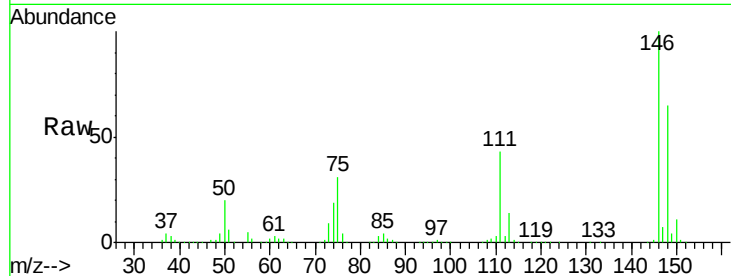




#13
 1,4-Dichlorobenzene
 Concen: 48.75 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

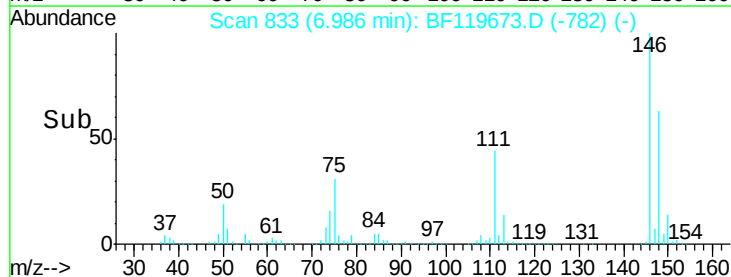
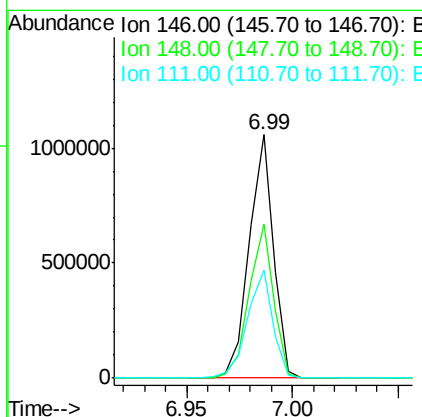
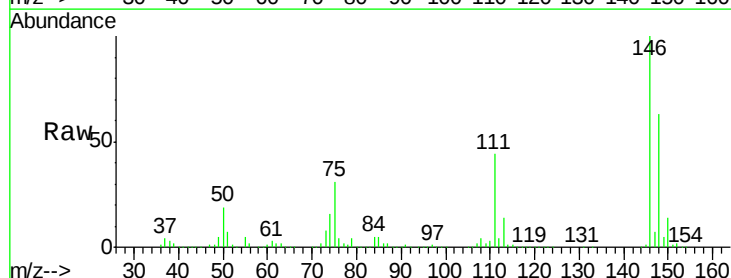
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

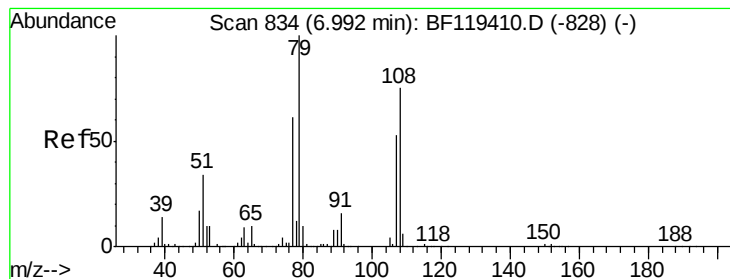
Tgt Ion:146 Resp: 906447
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.5 77.3
 111 42.6 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 48.72 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:146 Resp: 846727
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.3 36.1 54.1





#15

Benzyl Alcohol

Concen: 49.32 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

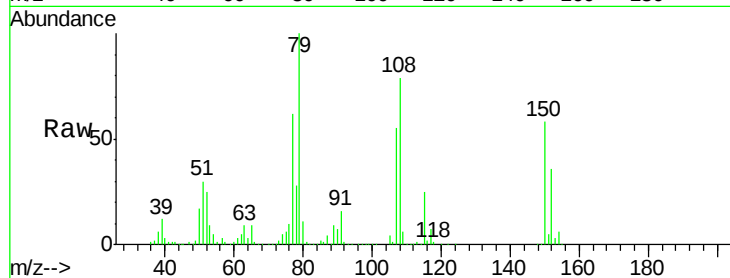
Tgt Ion: 79 Resp: 774939

Ion Ratio Lower Upper

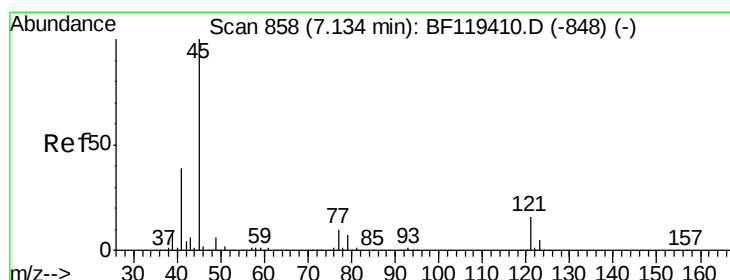
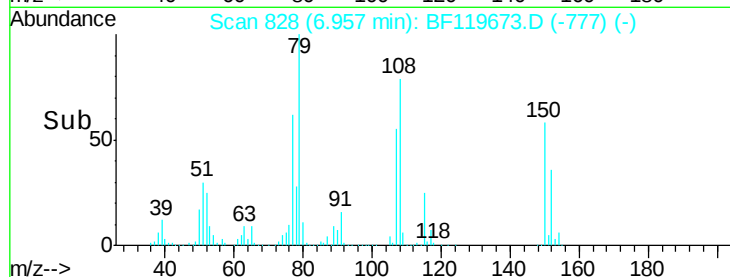
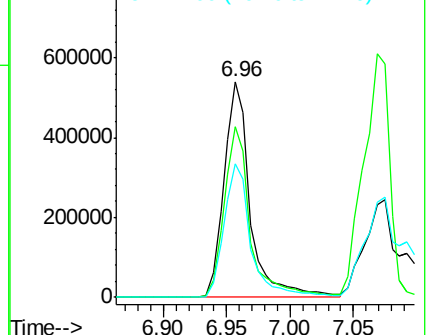
79 100

108 79.1 60.6 90.8

77 61.7 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.04 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

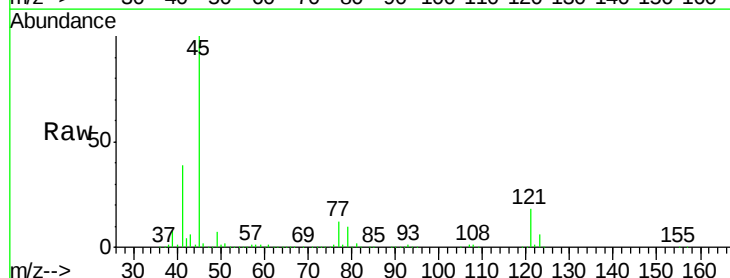
Tgt Ion: 45 Resp: 1619631

Ion Ratio Lower Upper

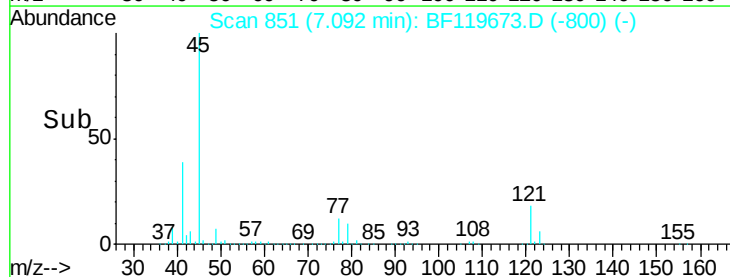
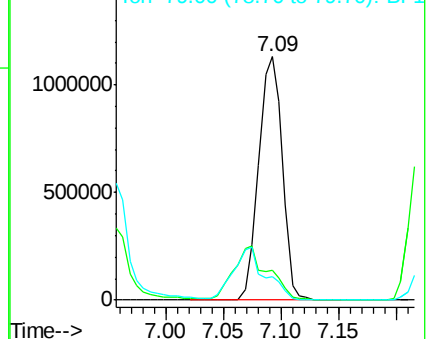
45 100

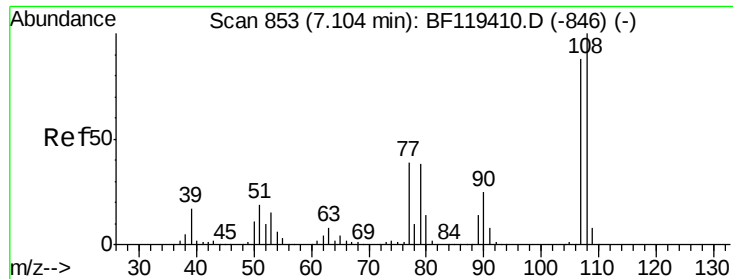
77 12.3 0.0 30.7

79 9.7 0.0 28.2



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

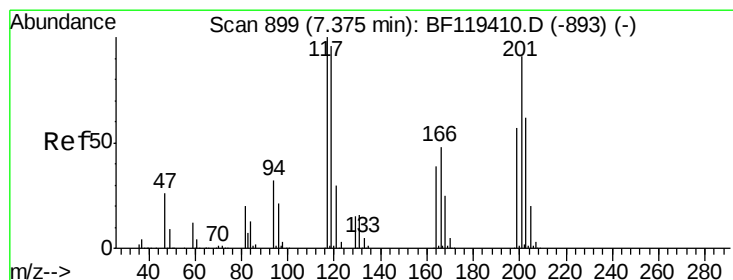
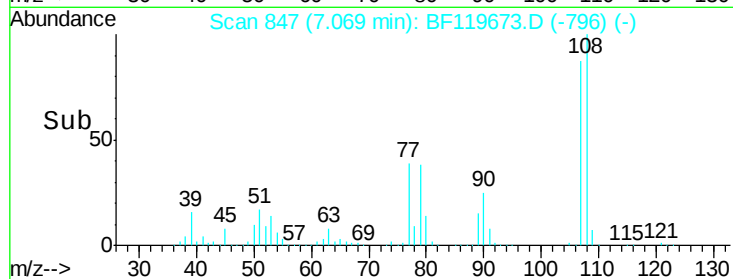
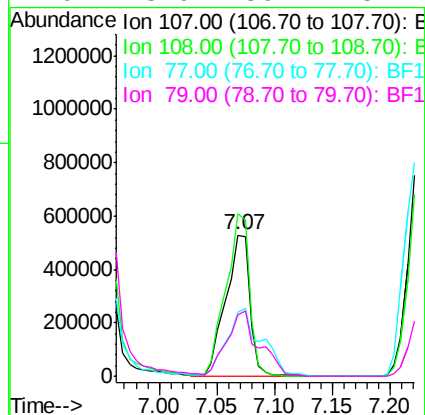
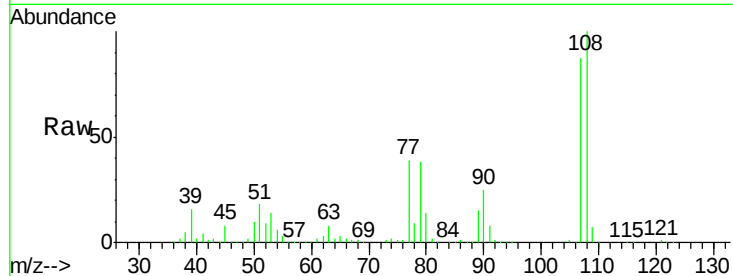




#17
2-Methylphenol
Concen: 48.80 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

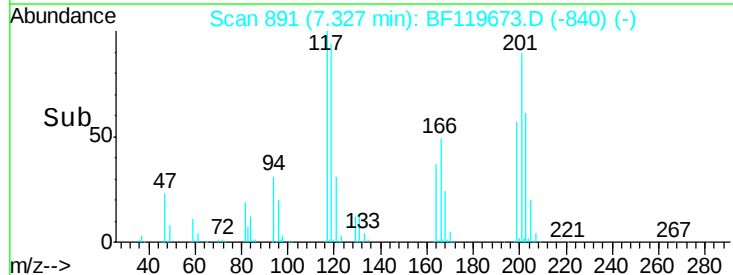
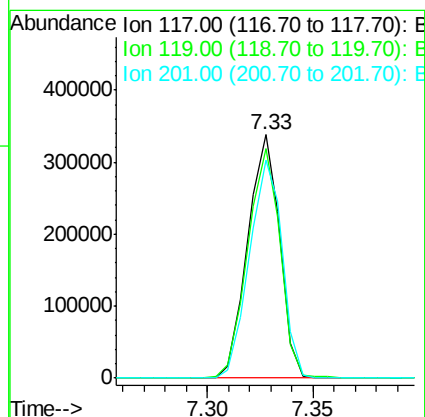
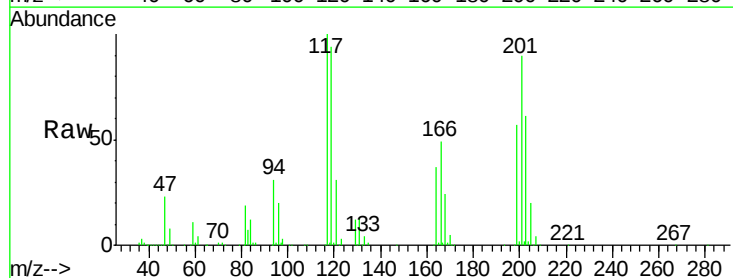
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

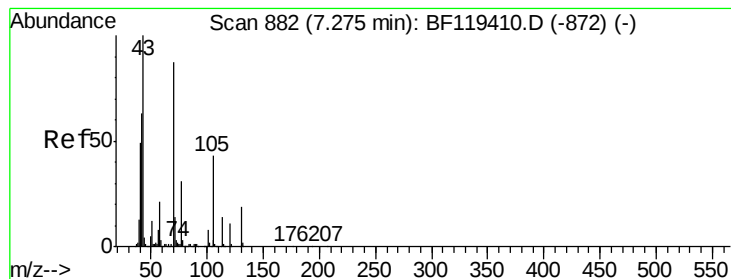
Tgt Ion:107 Resp: 767842
Ion Ratio Lower Upper
107 100
108 115.4 92.2 138.4
77 45.4 36.6 54.8
79 43.9 36.2 54.4



#18
Hexachloroethane
Concen: 51.86 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion:117 Resp: 353366
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
201 89.5 73.0 109.6





#19

n-Nitroso-di-n-propylamine

Concen: 51.12 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

Tgt Ion: 70 Resp: 643671

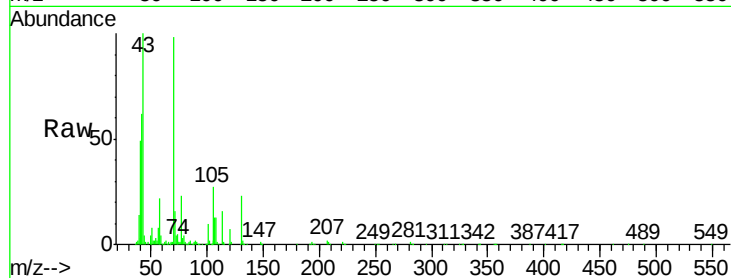
Ion Ratio Lower Upper

70 100

42 63.8 54.5 81.7

101 9.9 7.6 11.4

130 23.6 17.6 26.4

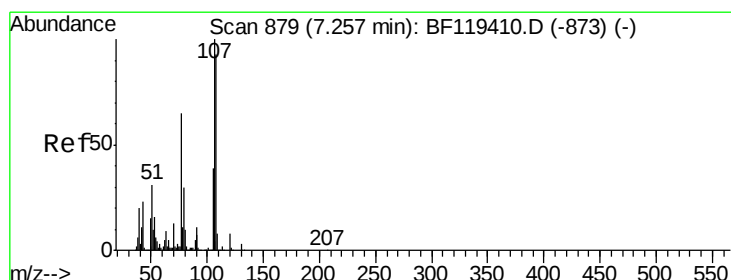
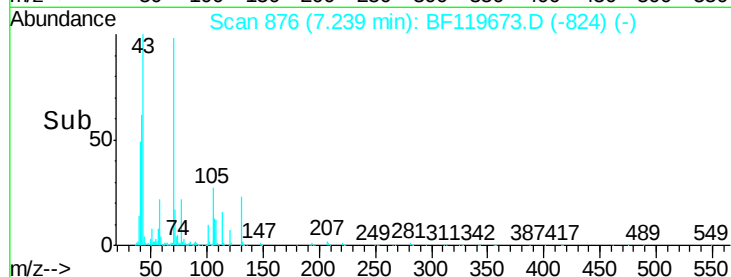
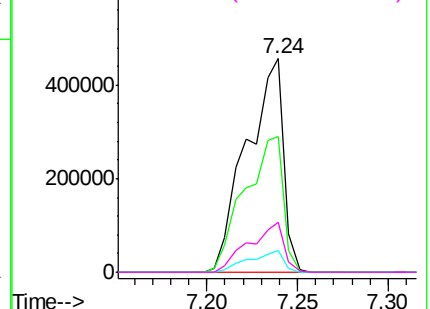


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 45.34 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion: 107 Resp: 874330

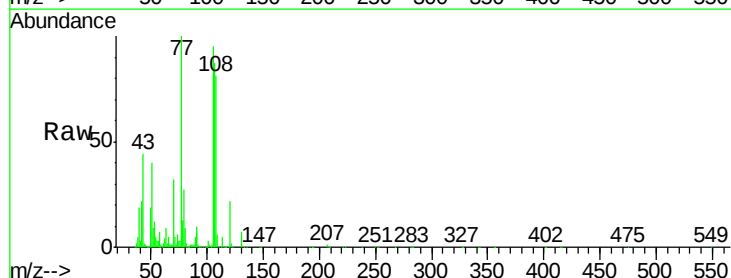
Ion Ratio Lower Upper

107 100

108 92.2 67.9 107.9

77 114.3 52.9 92.9#

79 30.3 7.7 47.7

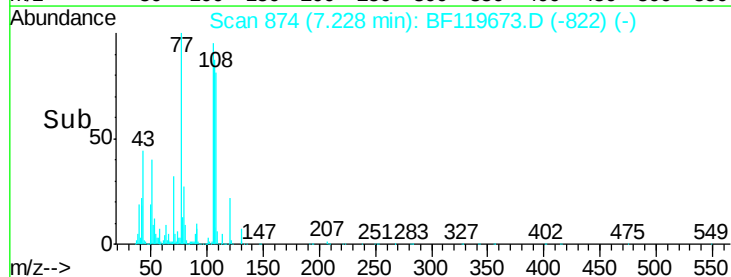
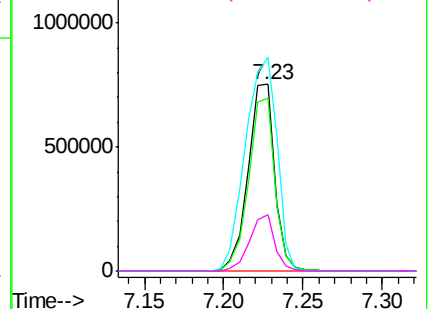


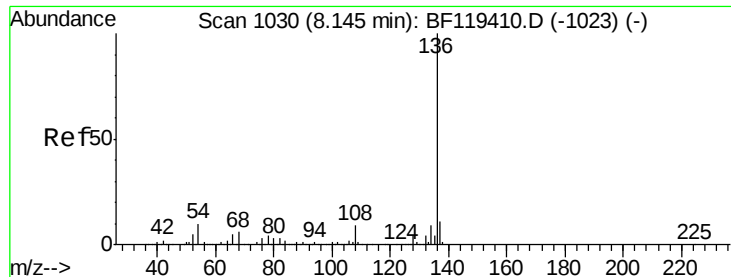
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

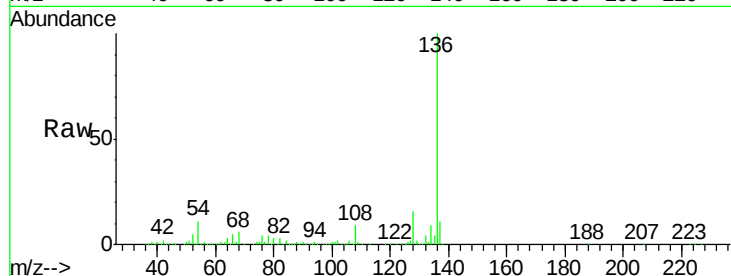




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tgt Ion:	136	Resp:	1010558
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.7	9.1	13.7
68	6.0	4.6	6.8



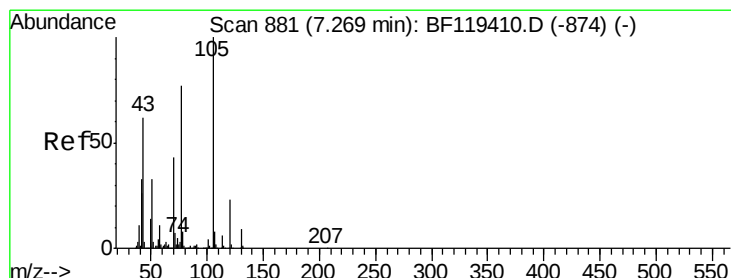
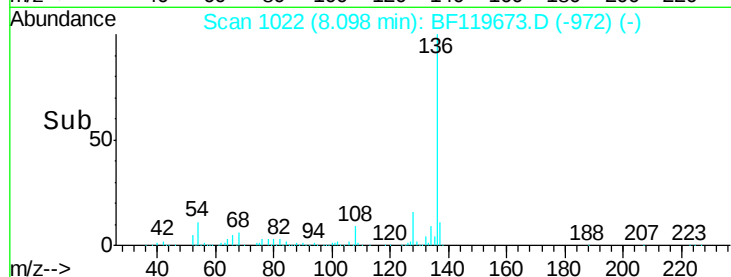
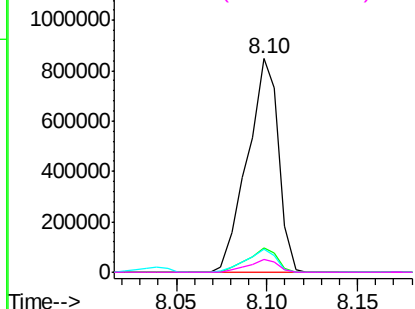
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

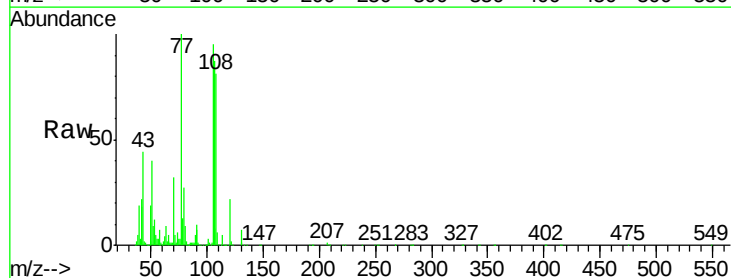
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 50.48 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion:	105	Resp:	1218865
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.7	8.5
51	42.3	26.2	39.4
120	22.6	18.3	27.5



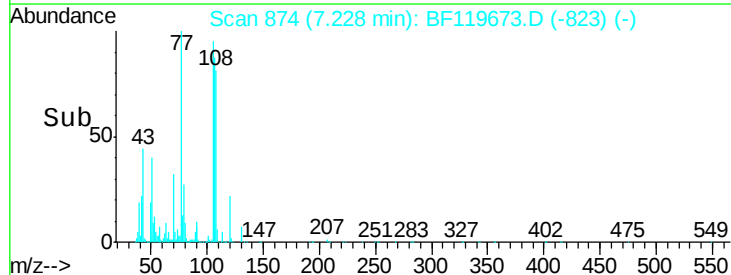
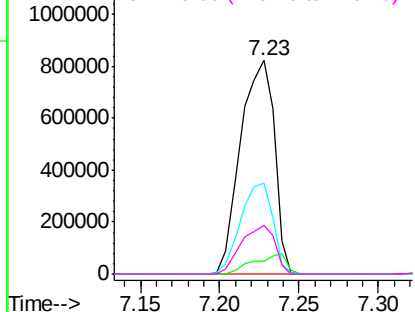
Abundance

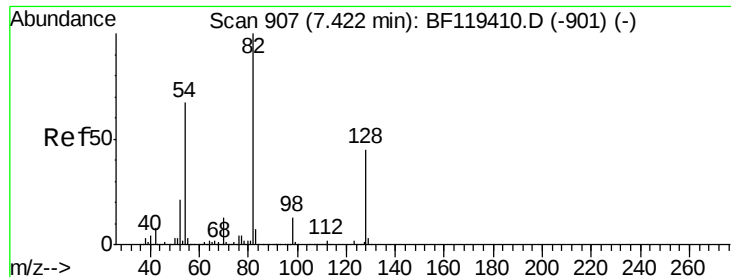
Ion 105.00 (104.70 to 105.70): E

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

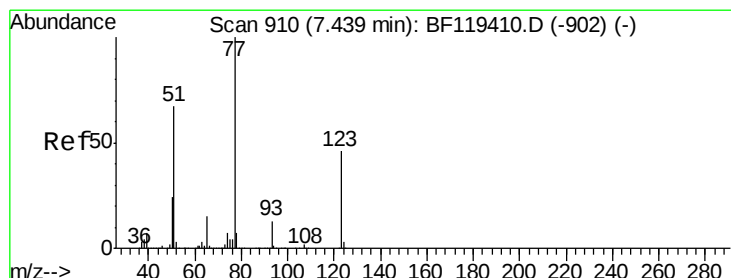
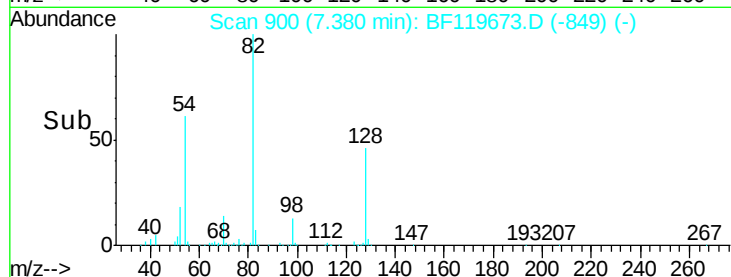
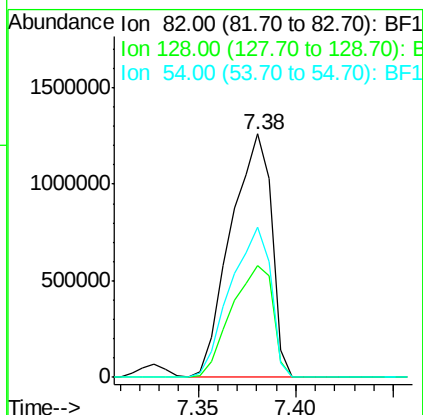
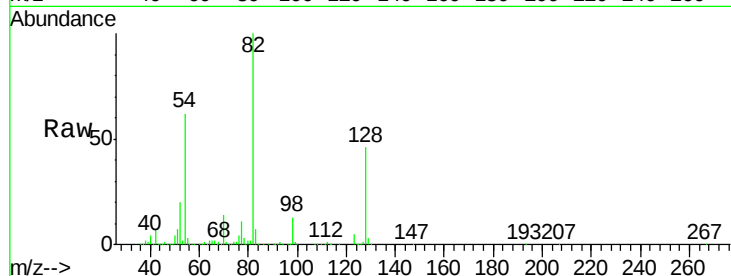




#23
 Nitrobenzene-d5
 Concen: 98.17 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

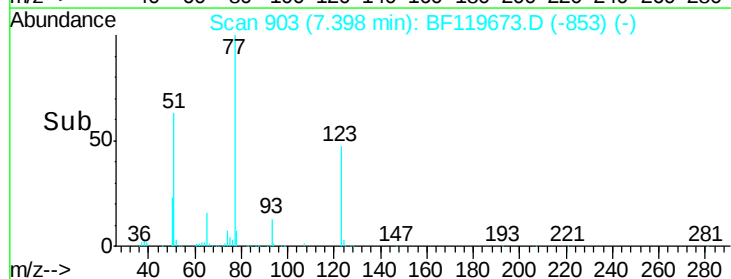
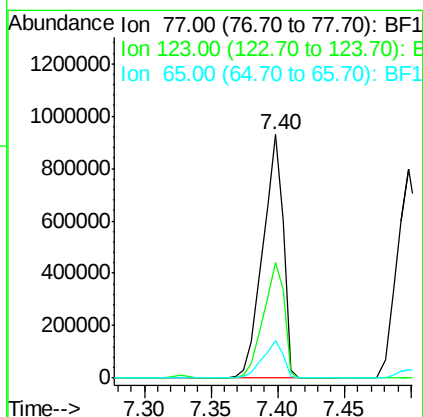
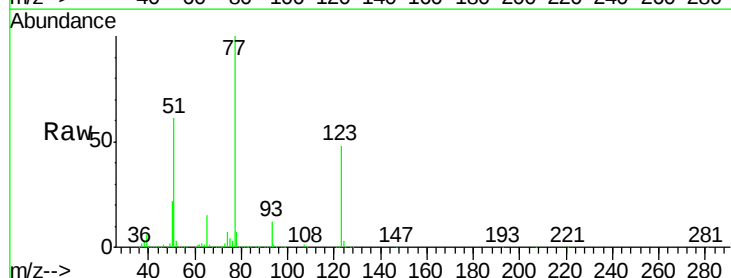
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

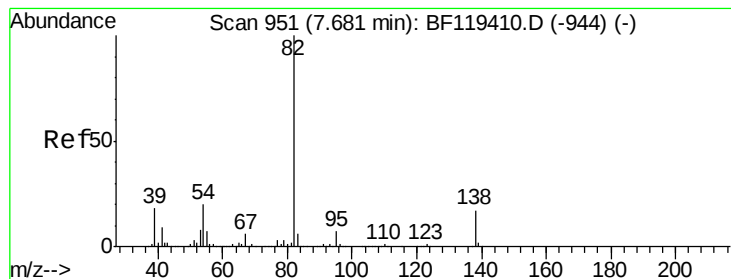
Tgt Ion: 82 Resp: 1825417
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.3 54.5
 54 61.8 50.6 75.8



#24
 Nitrobenzene
 Concen: 49.39 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion: 77 Resp: 981498
 Ion Ratio Lower Upper
 77 100
 123 47.7 38.0 57.0
 65 15.3 12.6 18.8





#25

Isophorone

Concen: 49.22 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

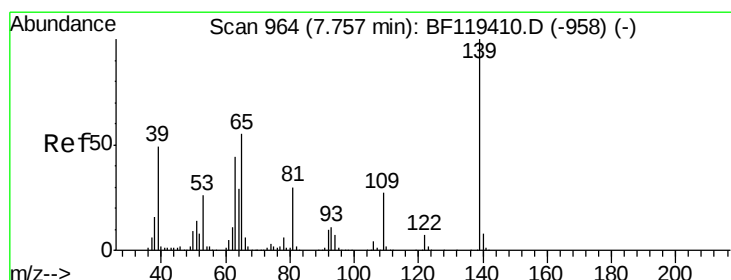
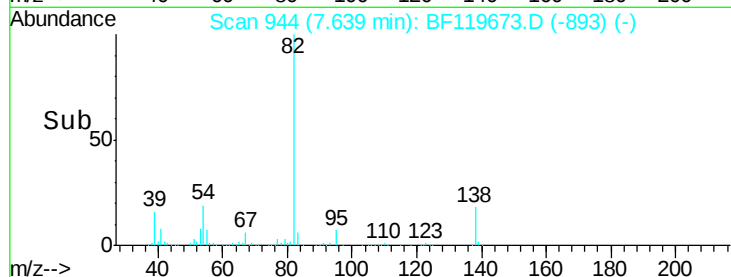
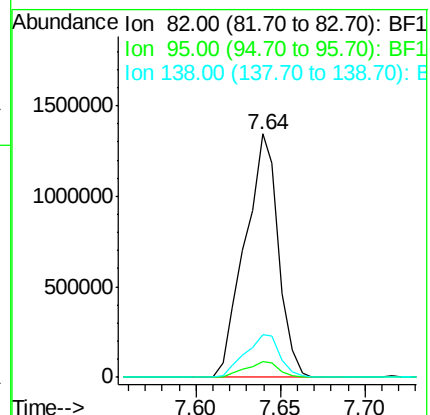
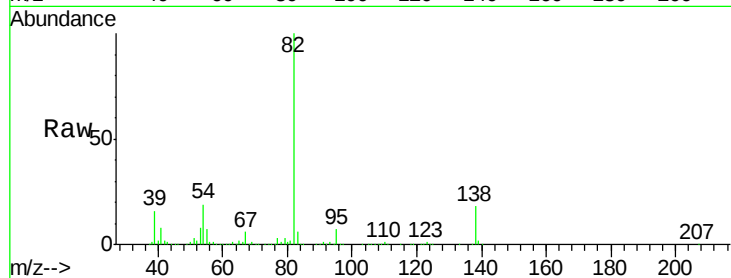
Tgt Ion: 82 Resp: 1856701

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

138 17.6 14.6 21.8



#26

2-Nitrophenol

Concen: 64.90 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

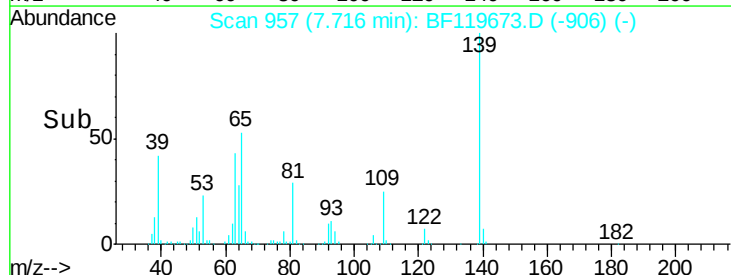
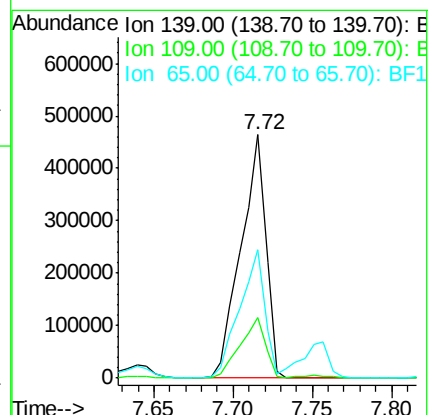
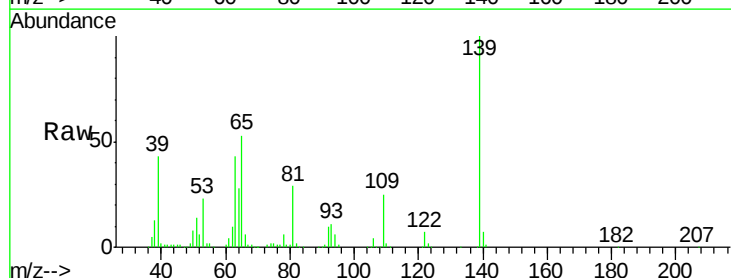
Tgt Ion: 139 Resp: 507796

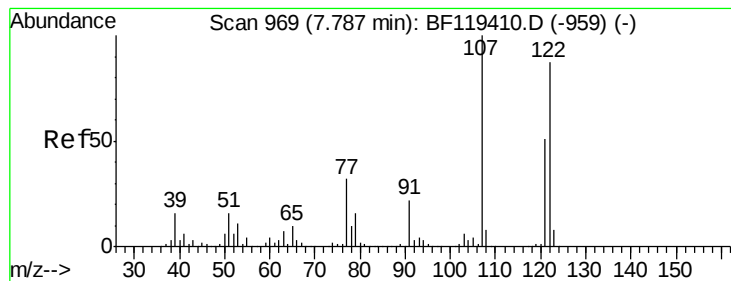
Ion Ratio Lower Upper

139 100

109 25.1 22.1 33.1

65 52.8 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 52.45 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

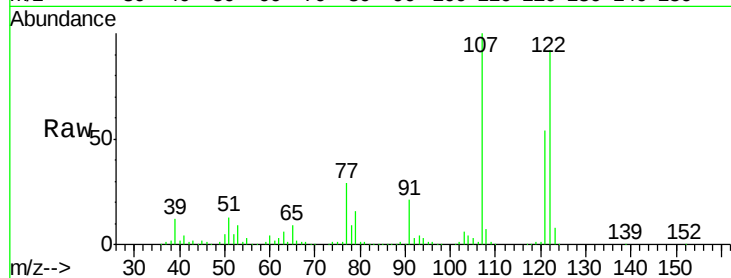
Tgt Ion:122 Resp: 848540

Ion Ratio Lower Upper

122 100

107 108.7 89.0 133.6

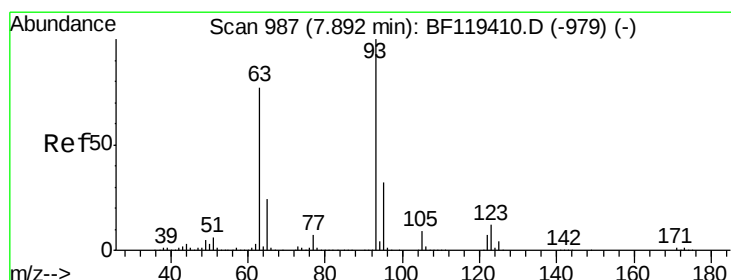
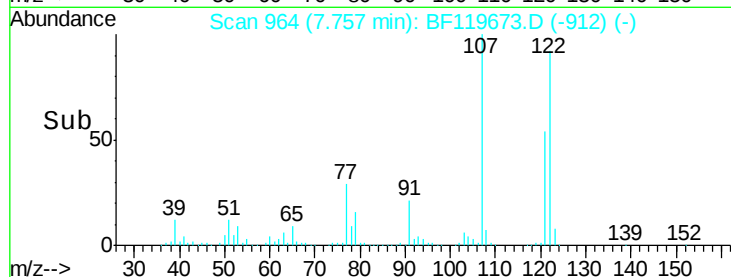
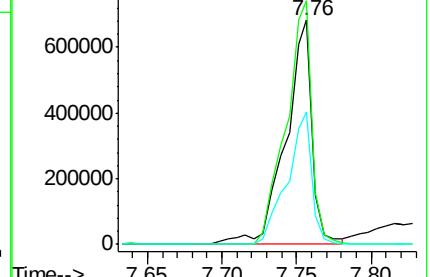
121 59.0 46.7 70.1



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: 53.49 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

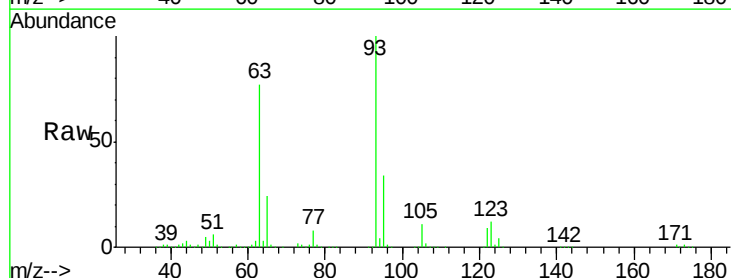
Tgt Ion: 93 Resp: 1193050

Ion Ratio Lower Upper

93 100

95 34.0 26.3 39.5

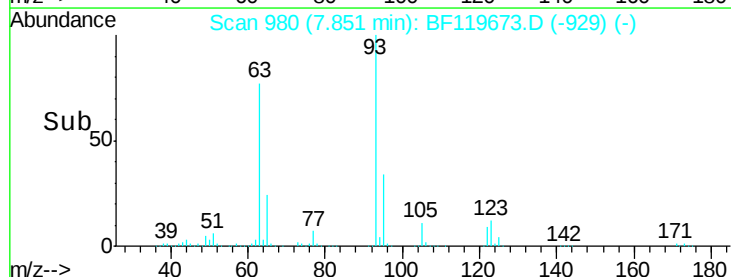
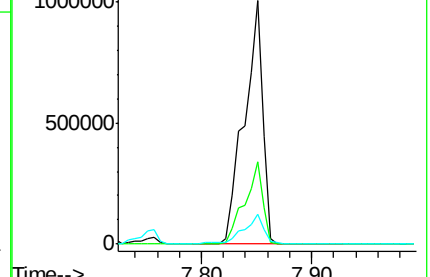
123 12.1 9.7 14.5

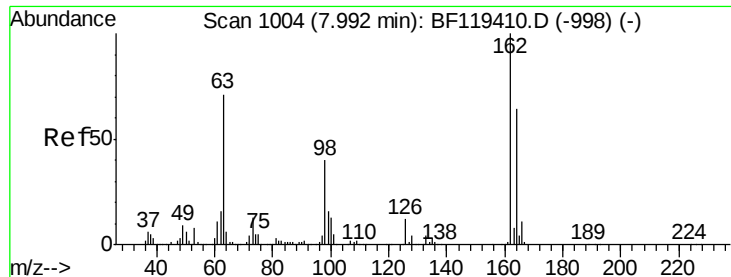


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

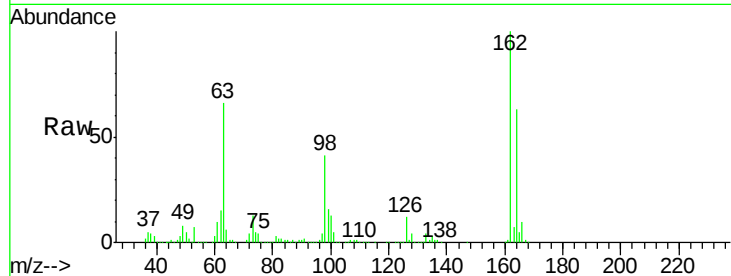




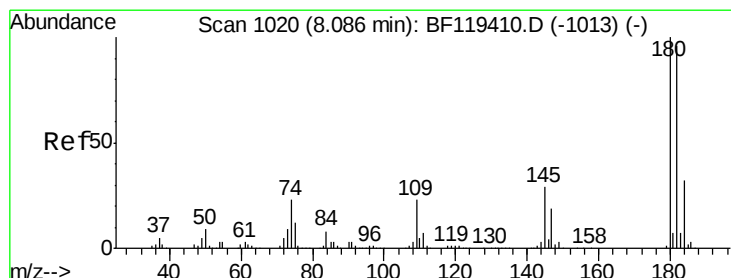
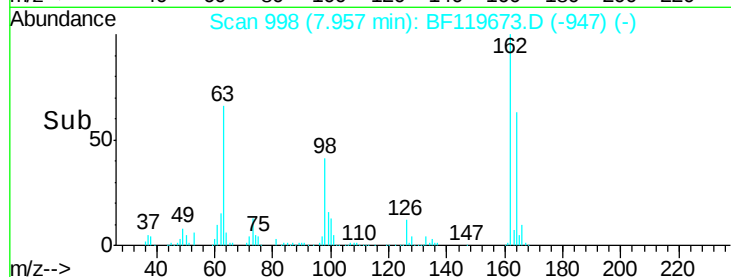
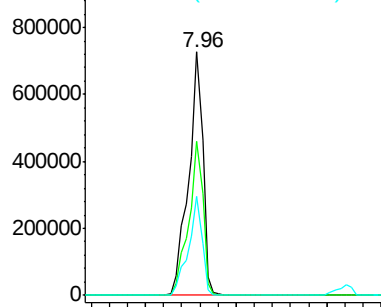
#29
2,4-Dichlorophenol
Concen: 52.91 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

Tgt Ion:162 Resp: 786500
Ion Ratio Lower Upper
162 100
164 63.3 44.7 84.7
98 40.7 20.7 60.7

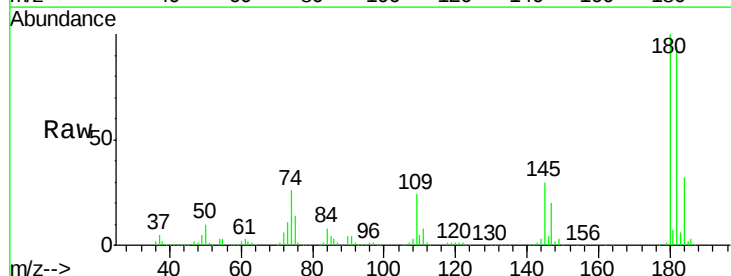


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

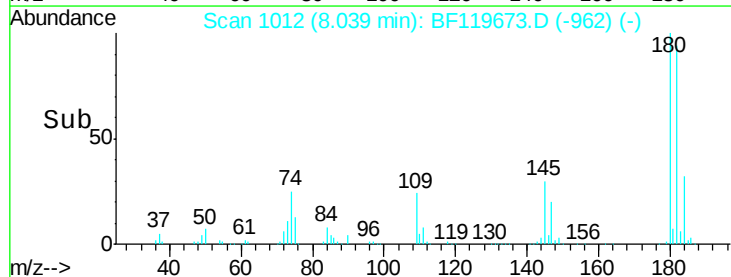
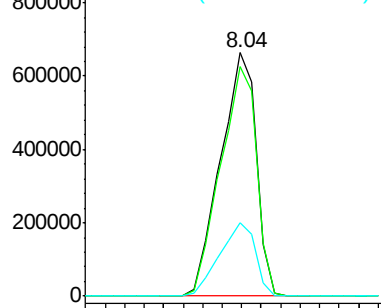


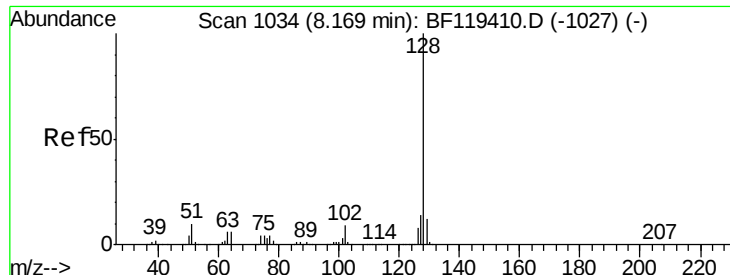
#30
1,2,4-Trichlorobenzene
Concen: 50.95 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion:180 Resp: 837533
Ion Ratio Lower Upper
180 100
182 94.4 74.7 112.1
145 30.4 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

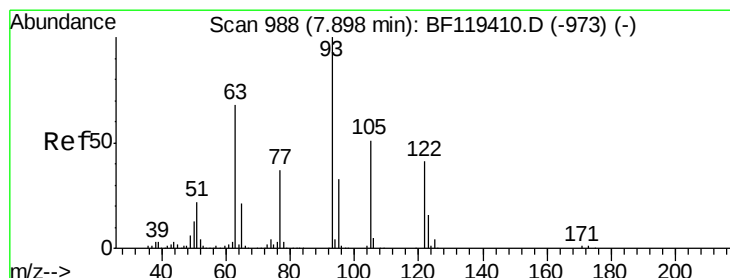
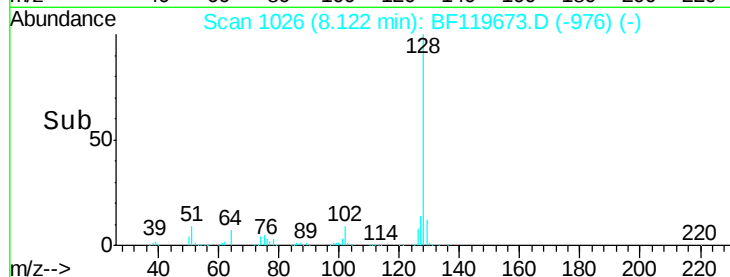
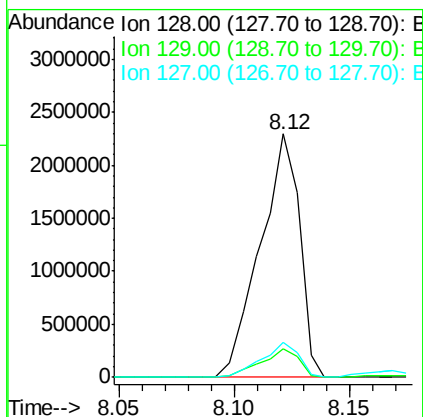
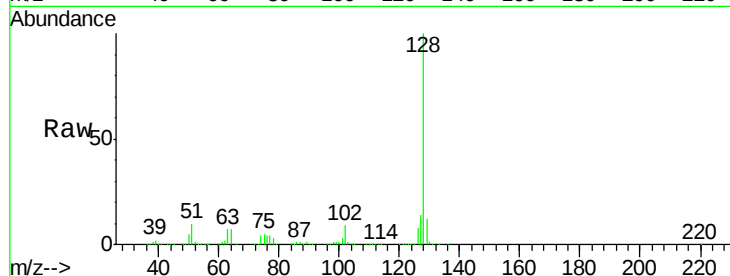




#31
Naphthalene
Concen: 52.30 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

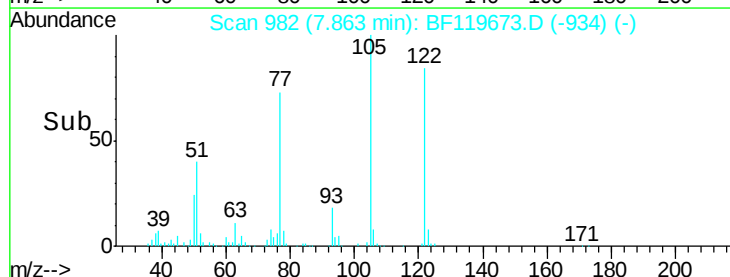
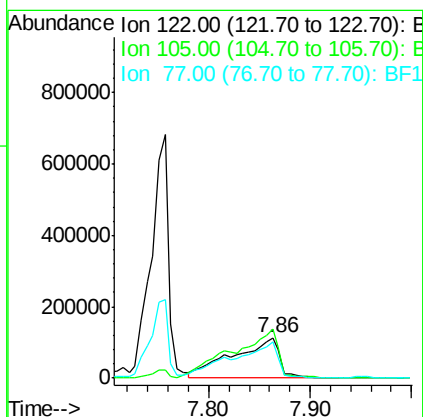
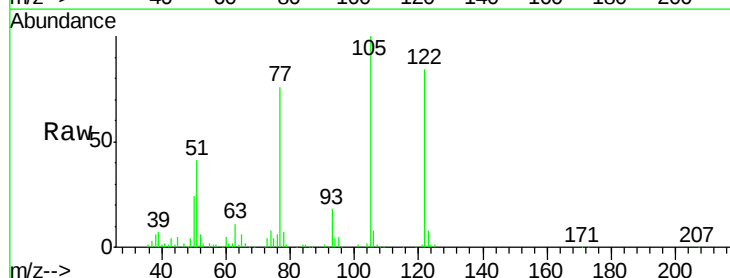
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

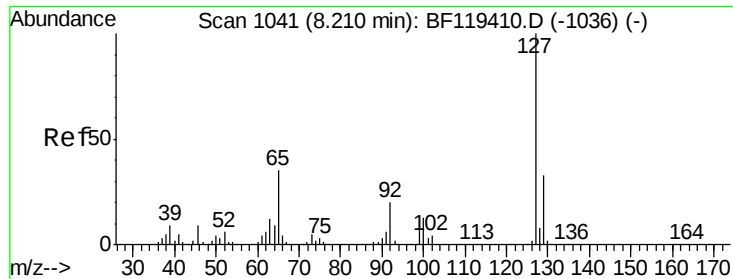
Tgt Ion:128 Resp: 2719653
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 14.1 11.3 16.9



#32
Benzoic acid
Concen: 34.01 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion:122 Resp: 353956
Ion Ratio Lower Upper
122 100
105 119.5 104.9 144.9
77 90.2 74.4 114.4

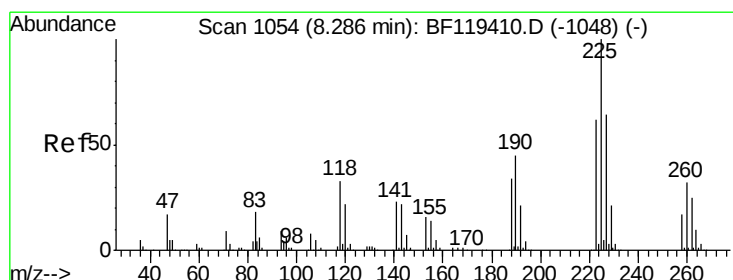
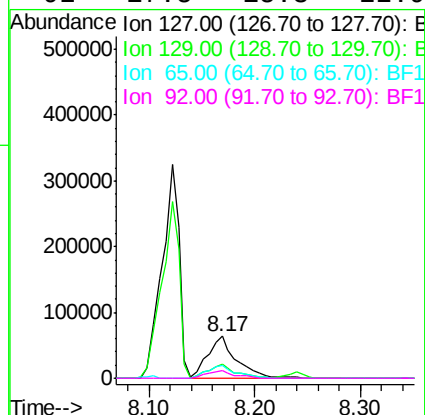
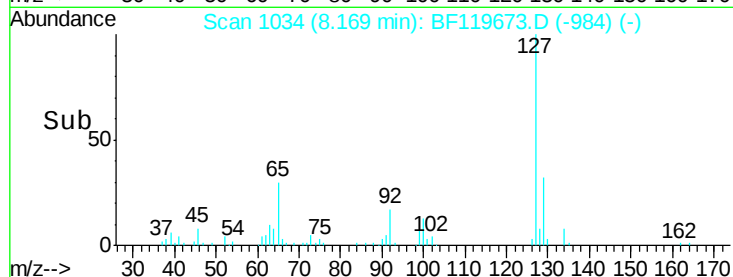
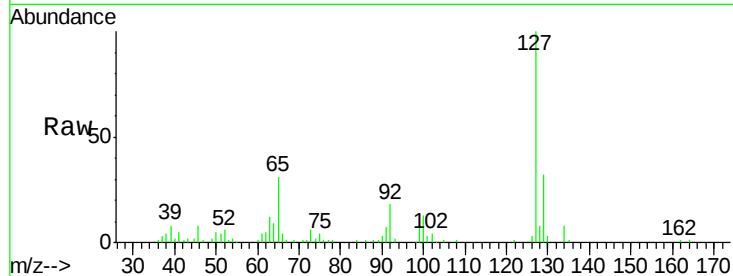




#33
4-Chloroaniline
Concen: 4.98 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

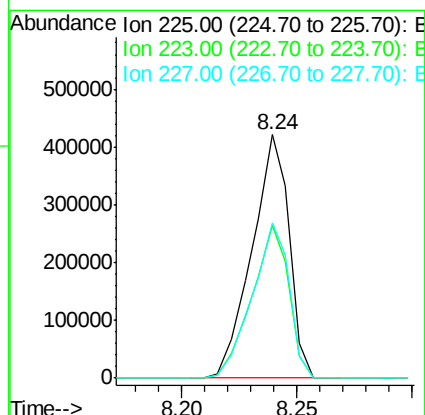
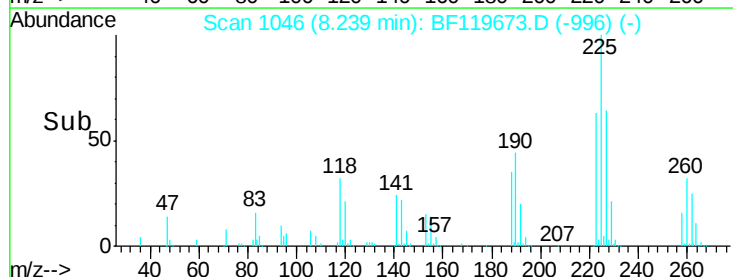
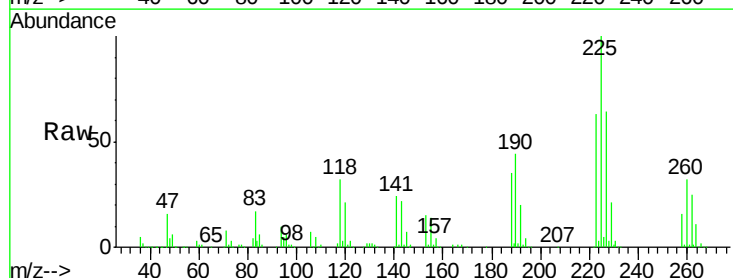
Instrument :
BNA_F
ClientSampleId :
TR-04-032720MS

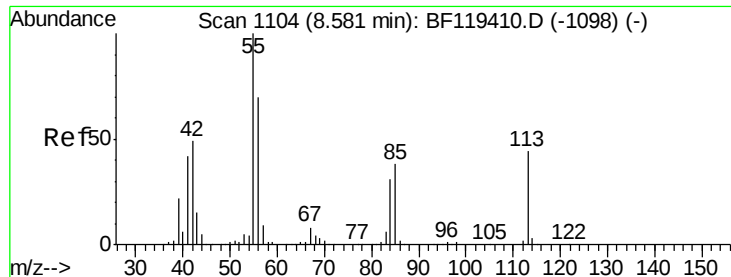
Tgt Ion:	127	Resp:	118714
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.0	27.4	41.0
92	17.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 51.31 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119673.D
Acq: 1 Apr 2020 14:33

Tgt Ion:	225	Resp:	471964
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	63.8	50.7	76.1

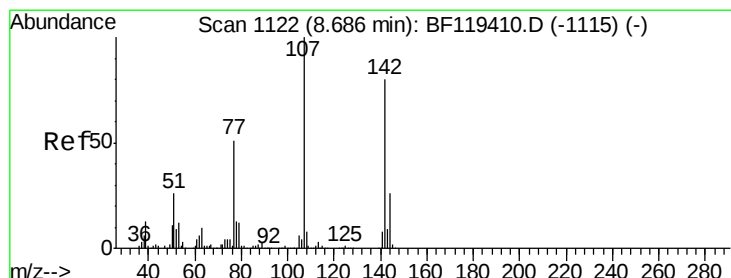
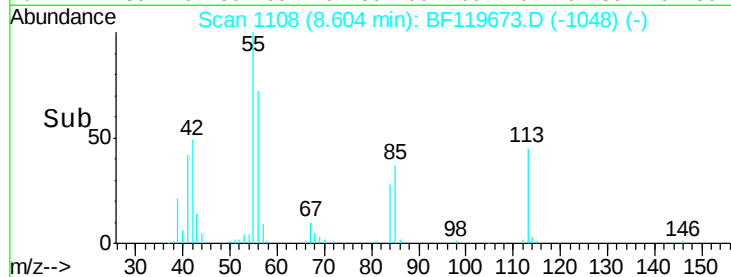
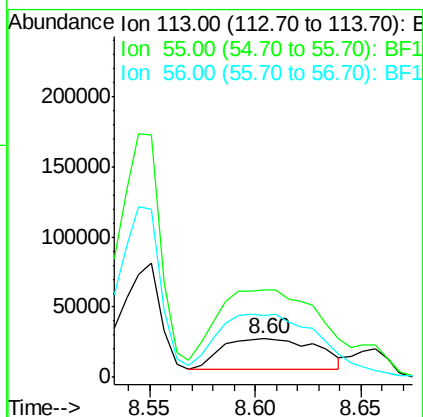
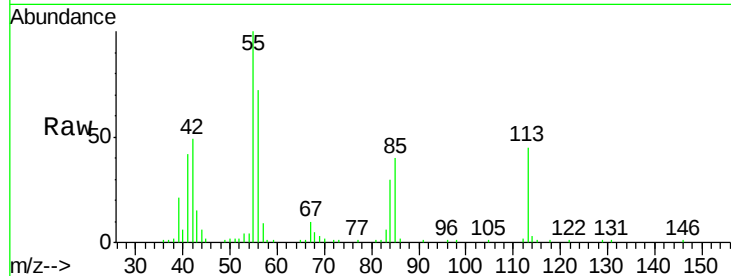




#35
 Caprolactam
 Concen: 14.42 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.05 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

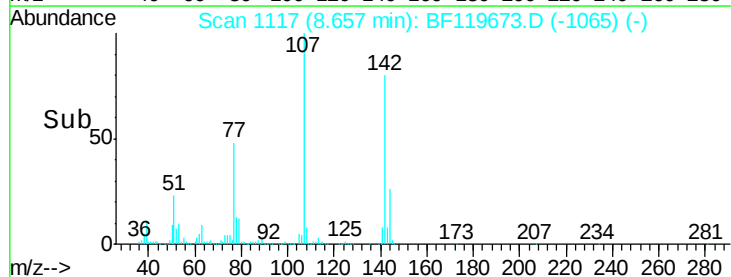
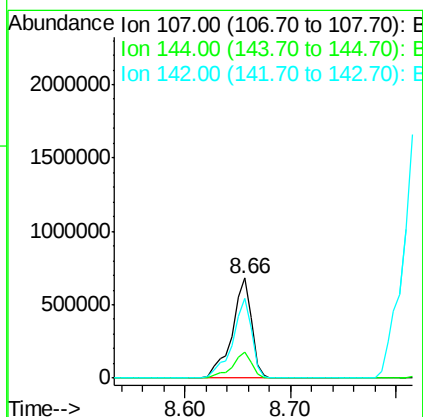
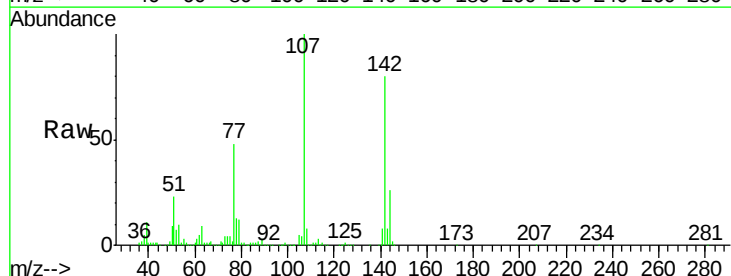
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

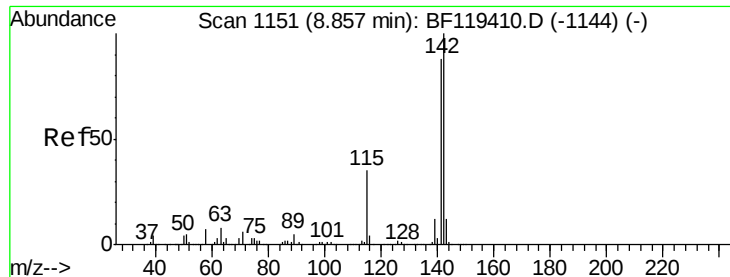
Tgt Ion:113 Resp: 70166
 Ion Ratio Lower Upper
 113 100
 55 224.4 218.4 258.4
 56 160.6 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.94 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:107 Resp: 860183
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.0 31.6
 142 79.6 64.4 96.6

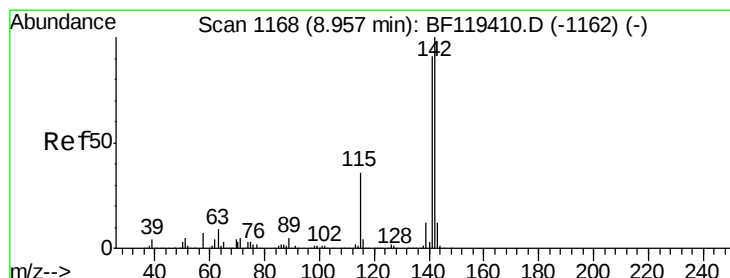
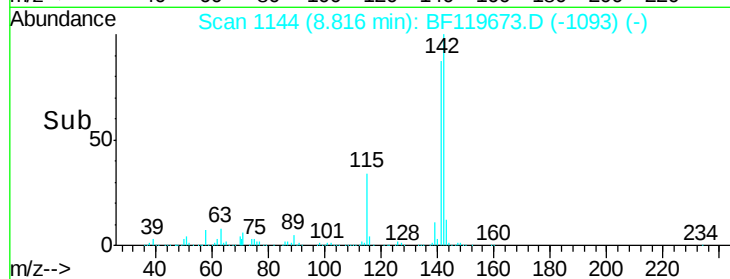
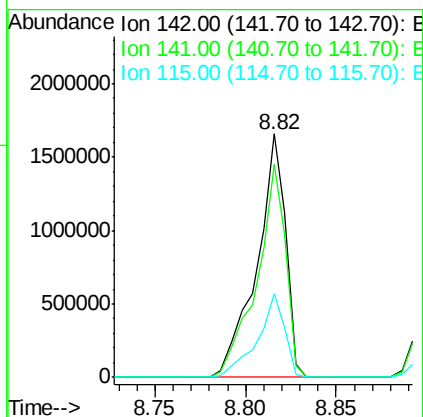
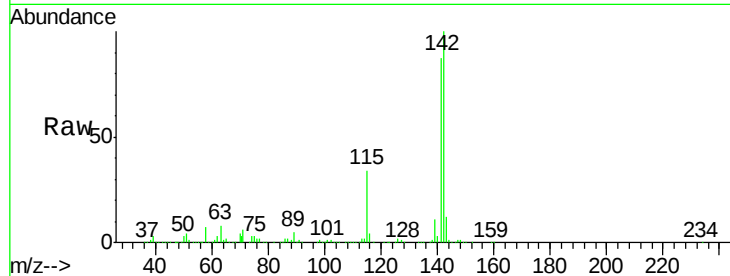




#37
 2-Methylnaphthalene
 Concen: 53.94 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

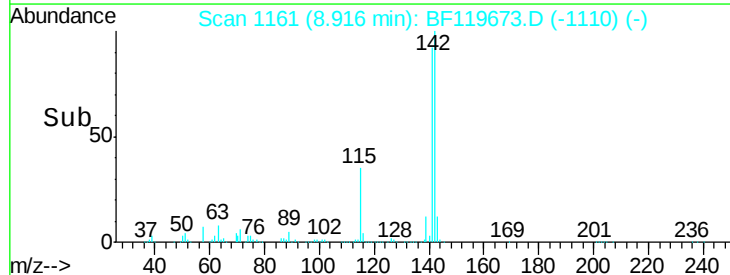
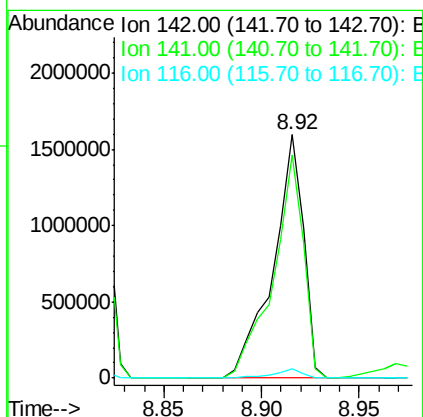
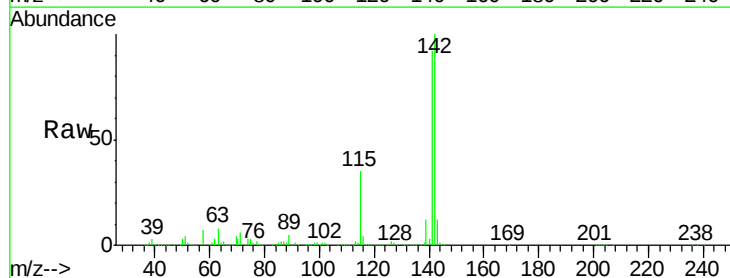
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

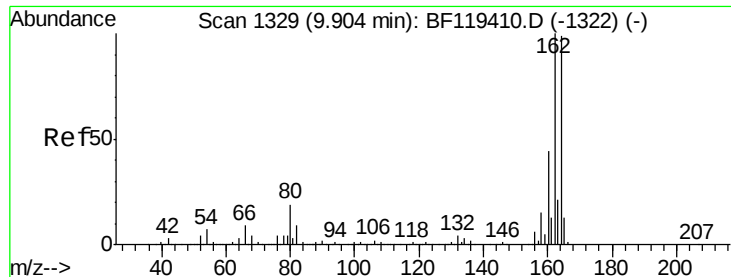
Tgt Ion:142 Resp: 1840962
 Ion Ratio Lower Upper
 142 100
 141 87.3 71.7 107.5
 115 34.1 27.9 41.9



#38
 1-Methylnaphthalene
 Concen: 53.60 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:142 Resp: 1731478
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.7 110.5
 116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

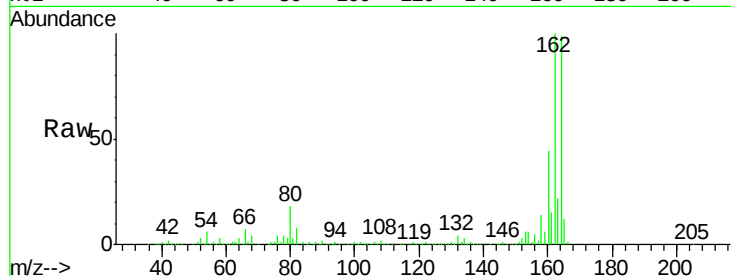
Tgt Ion:164 Resp: 529279

Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

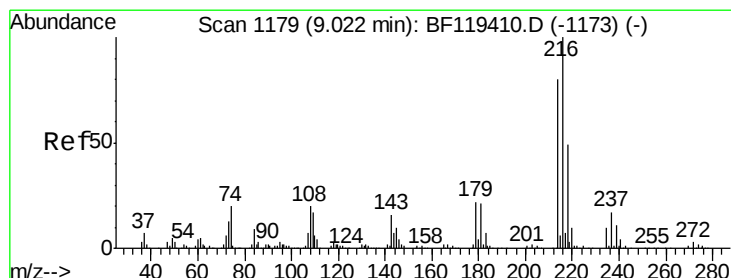
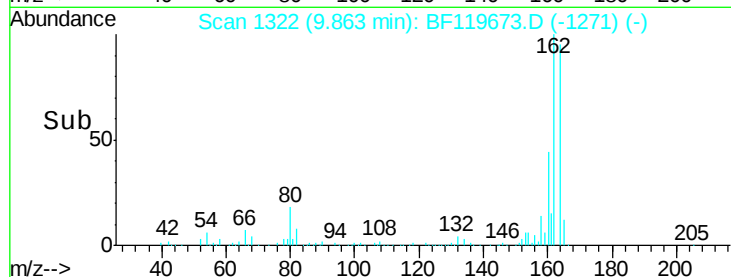
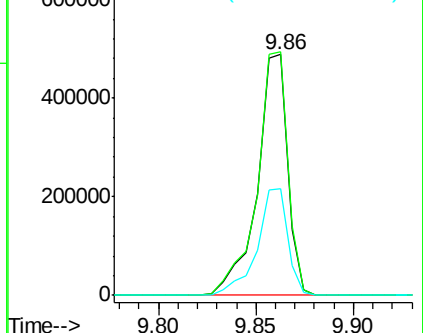
160 44.3 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.48 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Tgt Ion:216 Resp: 767565

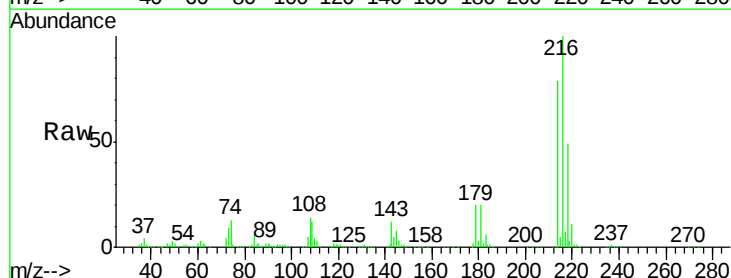
Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 21.0 17.1 25.7

108 20.3 15.1 22.7

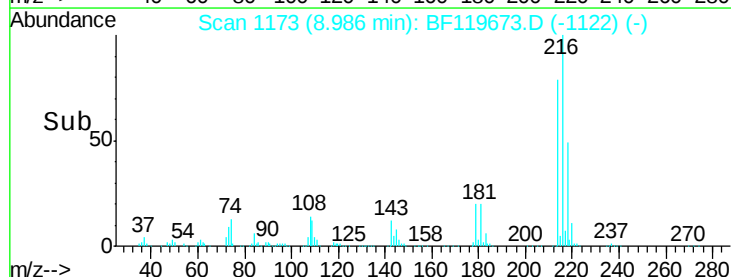
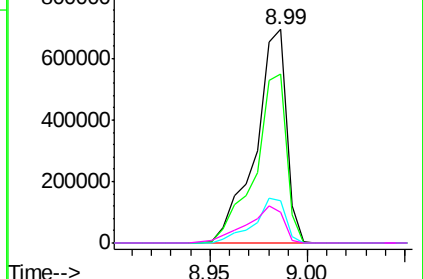


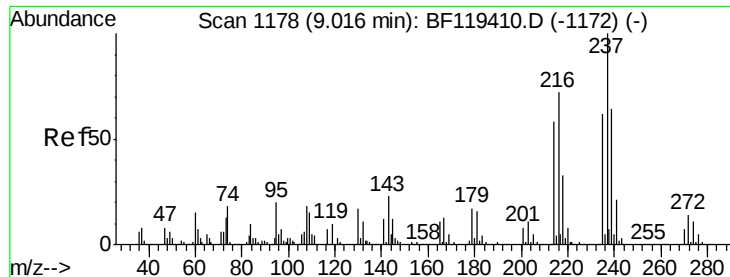
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.94 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

Instrument :

BNA_F

ClientSampleId :

TR-04-032720MS

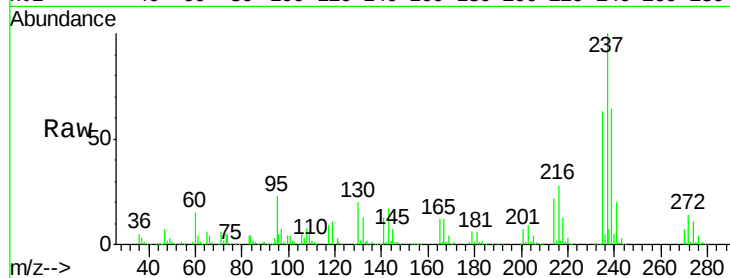
Tgt Ion: 237 Resp: 890279

Ion Ratio Lower Upper

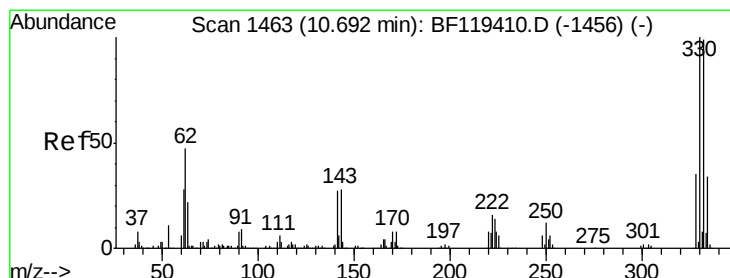
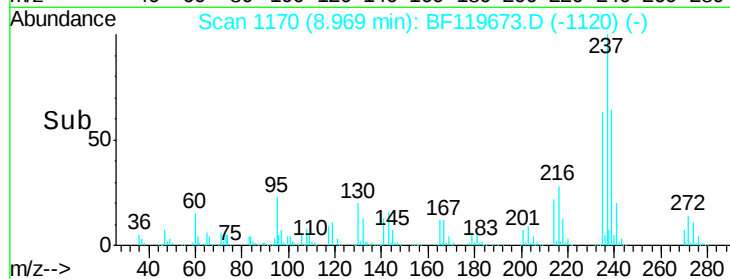
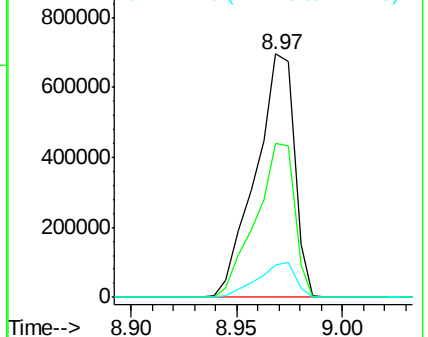
237 100

235 63.4 43.2 83.2

272 13.5 0.0 34.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 155.17 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF119673.D

Acq: 1 Apr 2020 14:33

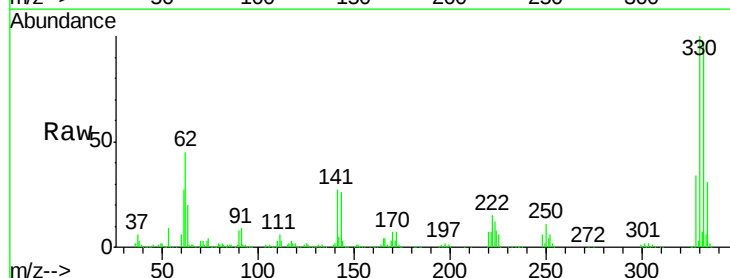
Tgt Ion: 330 Resp: 847275

Ion Ratio Lower Upper

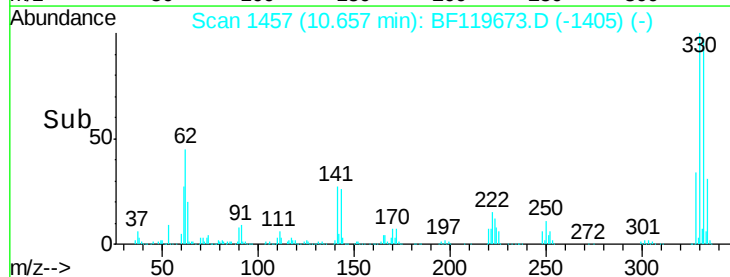
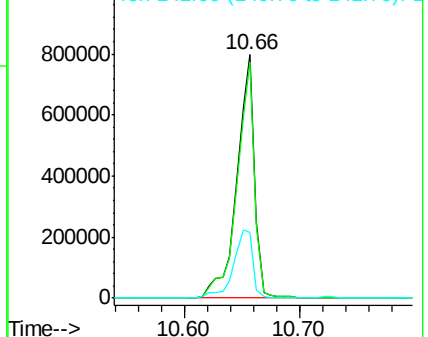
330 100

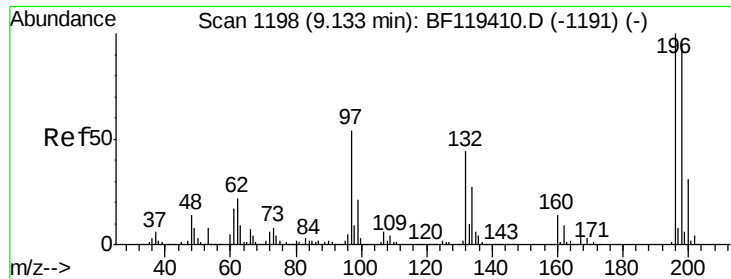
332 96.5 75.7 113.5

141 30.8 25.4 38.0



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

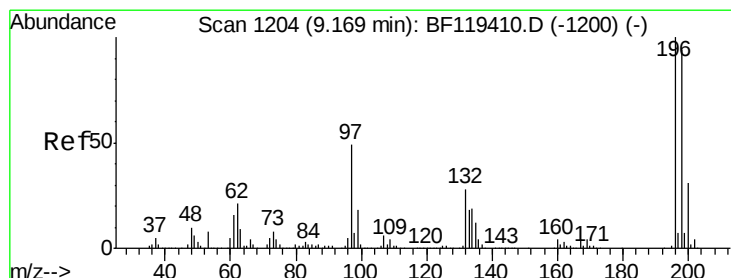
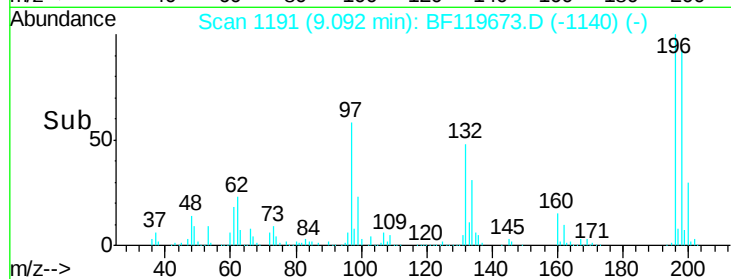
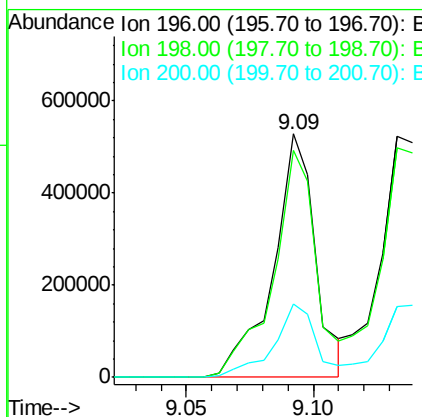
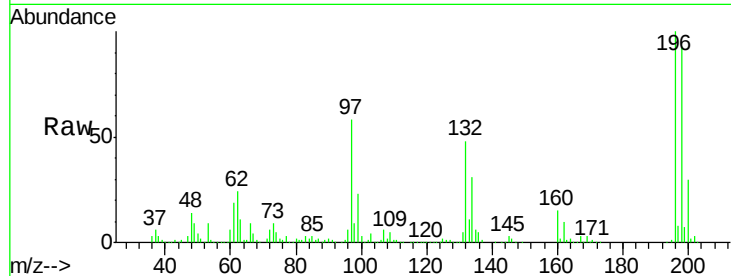




#43
 2,4,6-Trichlorophenol
 Concen: 55.28 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-032720MS

Tgt Ion:196 Resp: 613667
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.6 115.0
 200 30.1 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 47.71 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF119673.D
 Acq: 1 Apr 2020 14:33

Tgt Ion:196 Resp: 593343
 Ion Ratio Lower Upper
 196 100
 198 95.2 73.8 110.8
 97 52.3 42.6 63.8
 132 30.3 24.0 36.0

