

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120959.D
 Acq On : 21 Jul 2020 17:48
 Operator : JU/CG
 Sample : L3351-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Quant Time: Jul 21 18:18:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188325	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	745822	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	400258	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	756634	20.00	ng	0.00
76) Chrysene-d12	13.98	240	555422	20.00	ng	0.00
86) Perylene-d12	15.42	264	518276	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1083214	94.29	ng	0.02
7) Phenol-d6	6.45	99	1357325	91.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	857789	66.55	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	407071	92.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1594378	59.47	ng	0.00
79) Terphenyl-d14	12.92	244	1626042	63.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	222740	42.130	ng	99
3) Pyridine	3.36	79	521145	37.054	ng	100
4) n-Nitrosodimethylamine	3.32	42	261707	43.516	ng	95
6) Aniline	6.47	93	461690	23.835	ng	97
8) 2-Chlorophenol	6.60	128	568883	44.952	ng	98
9) Benzaldehyde	6.36	77	430403	76.384	ng	98
10) Phenol	6.46	94	678095	41.541	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	537885	42.996	ng	100
12) 1,3-Dichlorobenzene	6.76	146	567650	41.366	ng	98
13) 1,4-Dichlorobenzene	6.83	146	571726	41.899	ng	98
14) 1,2-Dichlorobenzene	6.99	146	554886	42.984	ng	99
15) Benzyl Alcohol	6.96	79	455787	43.433	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	744627	41.296	ng	100
17) 2-Methylphenol	7.07	107	449442	40.069	ng	98
18) Hexachloroethane	7.33	117	212383	43.003	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	345350	40.927	ng	98
20) 3+4-Methylphenols	7.23	107	495445	34.722	ng	# 88
22) Acetophenone	7.23	105	690170	41.233	ng	# 94
24) Nitrobenzene	7.40	77	562592	40.497	ng	99
25) Isophorone	7.64	82	1061172	41.252	ng	99
26) 2-Nitrophenol	7.72	139	305851	46.356	ng	100
27) 2,4-Dimethylphenol	7.76	122	498072	46.495	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	669040	42.607	ng	99
29) 2,4-Dichlorophenol	7.96	162	470777	43.007	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	505649	41.635	ng	99
31) Naphthalene	8.12	128	1551567	40.556	ng	99
32) Benzoic acid	7.89	122	362653	45.098	ng	100
33) 4-Chloroaniline	8.17	127	244844	14.347	ng	99
34) Hexachlorobutadiene	8.24	225	289425	40.426	ng	99
35) Caprolactam	8.55	113	112545	32.061	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	487072	43.385	ng	98
37) 2-Methylnaphthalene	8.82	142	1066446	42.932	ng	99
38) 1-Methylnaphthalene	8.91	142	1004081	42.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	455443	39.054	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	511437	79.351	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	347548	42.327	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	356573	38.284	ng	99
46) 1,1'-Biphenyl	9.27	154	1256951	41.169	ng	99
47) 2-Chloronaphthalene	9.30	162	980762	39.400	ng	97
48) 2-Nitroaniline	9.40	65	310104	41.222	ng	97
49) Acenaphthylene	9.72	152	1590299	41.124	ng	100
50) Dimethylphthalate	9.58	163	1397918	48.411	ng	98
51) 2,6-Dinitrotoluene	9.64	165	269945	43.513	ng	97
52) Acenaphthene	9.89	154	946104	38.481	ng	100
53) 3-Nitroaniline	9.80	138	133133	17.111	ng	96
54) 2,4-Dinitrophenol	9.92	184	253617	71.790	ng	# 86
55) Dibenzofuran	10.06	168	1396764	39.286	ng	98
56) 4-Nitrophenol	9.97	139	486992	82.396	ng	99
57) 2,4-Dinitrotoluene	10.04	165	356429	43.751	ng	97
58) Fluorene	10.40	166	980039	36.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	318181	44.868	ng	96
60) Diethylphthalate	10.28	149	1189384	40.722	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	480598	33.980	ng	99
62) 4-Nitroaniline	10.43	138	280984	37.073	ng	96
63) Azobenzene	10.56	77	1107836	39.842	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	177657	41.164	ng	97
66) n-Nitrosodiphenylamine	10.52	169	983198	41.307	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	343072	40.668	ng	91
68) Hexachlorobenzene	10.95	284	380081	41.651	ng	# 92
69) Atrazine	11.04	200	288323	48.912	ng	98
70) Pentachlorophenol	11.14	266	428139	81.896	ng	99
71) Phenanthrene	11.36	178	1601770	41.162	ng	100
72) Anthracene	11.42	178	1615677	41.348	ng	99
73) Carbazole	11.57	167	1500077	38.683	ng	99
74) Di-n-butylphthalate	11.90	149	1847130	41.276	ng	100
75) Fluoranthene	12.55	202	1783860	41.357	ng	99
77) Benzidine	12.67	184	902468	61.800	ng	99
78) Pyrene	12.78	202	1815029	46.221	ng	99
80) Butylbenzylphthalate	13.40	149	832193	47.539	ng	99
81) Benzo(a)anthracene	13.97	228	1353115	40.231	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	365726	28.822	ng	99
83) Chrysene	14.00	228	1435461	40.612	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	947119	43.876	ng	100
85) Di-n-octyl phthalate	14.57	149	1895790	44.144	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1370219	38.015	ng	100
88) Benzo(b)fluoranthene	15.00	252	1497310	47.795	ng	99
89) Benzo(k)fluoranthene	15.03	252	1187502	41.563	ng	99
90) Benzo(a)pyrene	15.36	252	1211479	42.385	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1145234	38.897	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1140346	39.281	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

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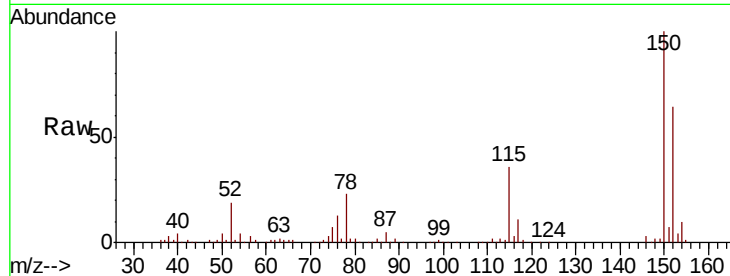
Tot Ion:152 Resp: 188325

Ion Ratio Lower Upper

152 100

150 155.8 125.0 187.6

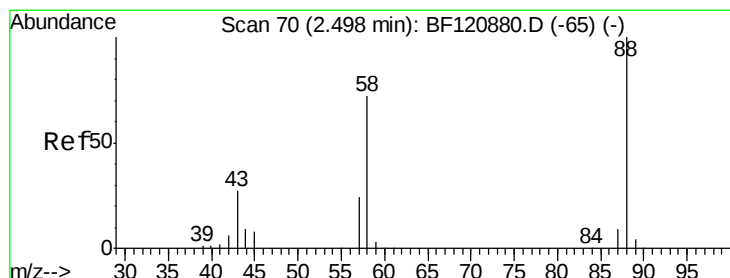
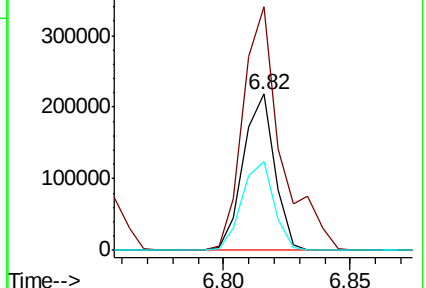
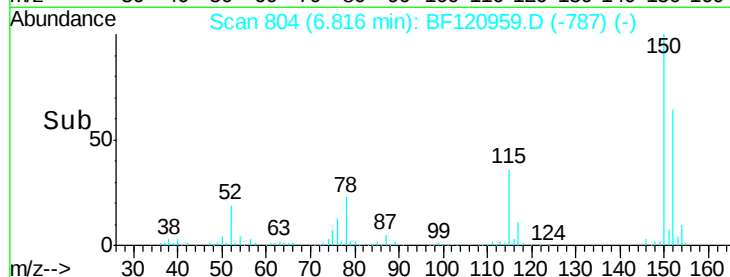
115 56.8 47.0 70.4



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: 42.130 ng

RT: 2.63 min Scan# 92

Delta R.T. 0.13 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

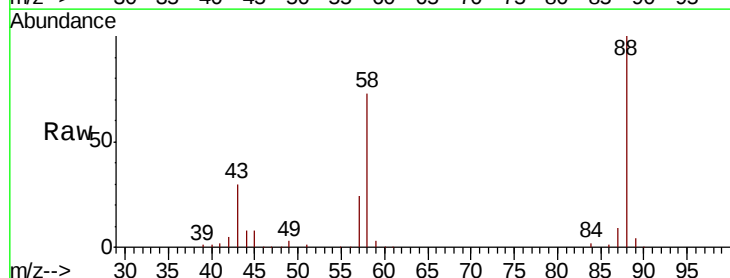
Tgt Ion: 88 Resp: 222740

Ion Ratio Lower Upper

88 100

58 71.9 58.2 87.2

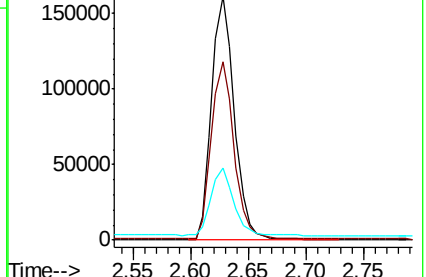
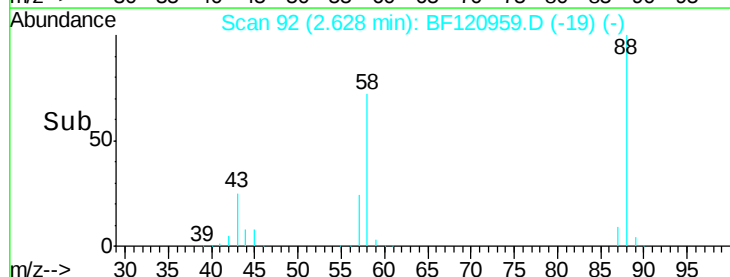
43 26.8 22.1 33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

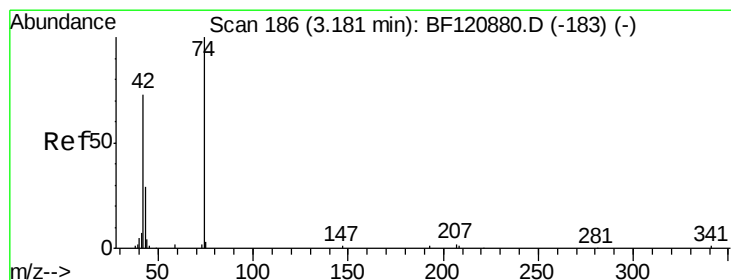
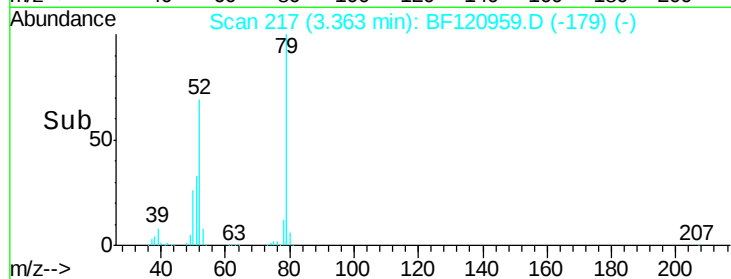
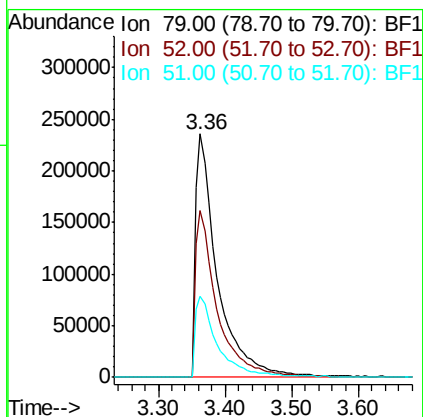
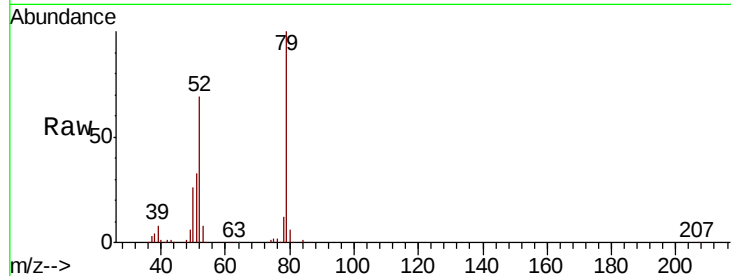




#3
 Pvridine
 Concen: 37.054 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.12 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

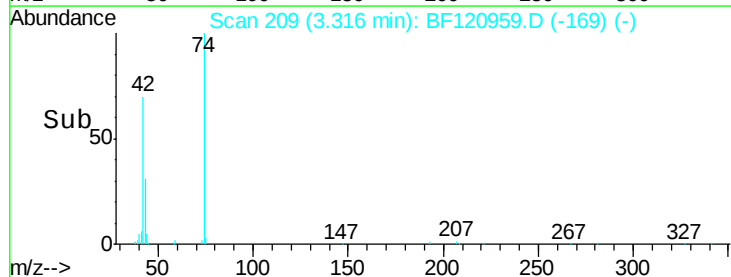
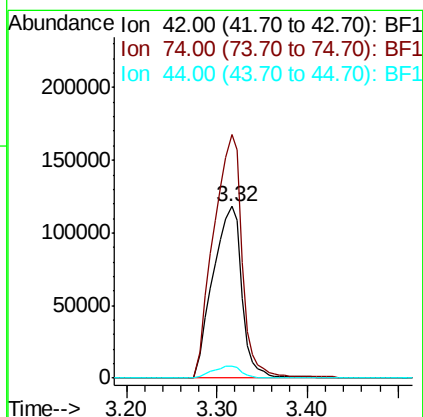
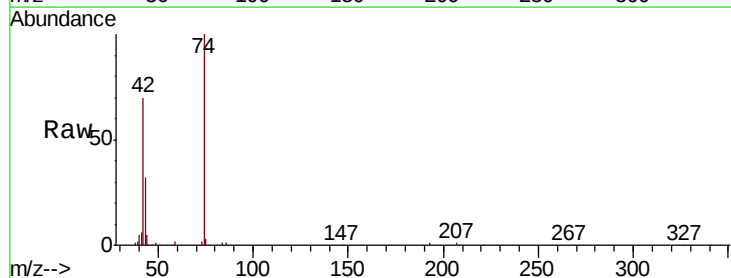
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

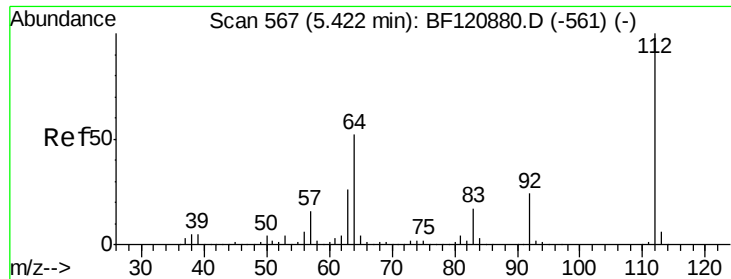
Tot Ion: 79 Resp: 521145
 Ion Ratio Lower Upper
 79 100
 52 68.5 55.0 82.6
 51 33.4 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 43.516 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.14 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion: 42 Resp: 261707
 Ion Ratio Lower Upper
 42 100
 74 142.1 108.7 163.1
 44 6.8 5.2 7.8





#5

2-Fluorophenol

Concen: 94.293 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

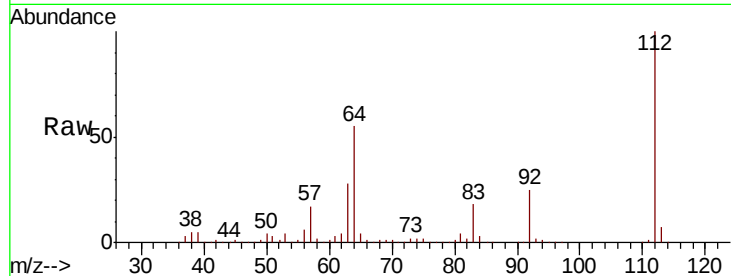
Tot Ion:112 Resp: 1083214

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

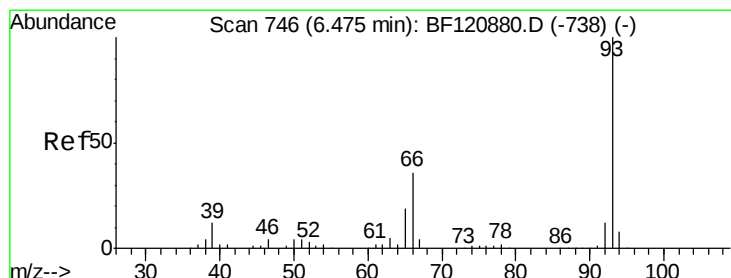
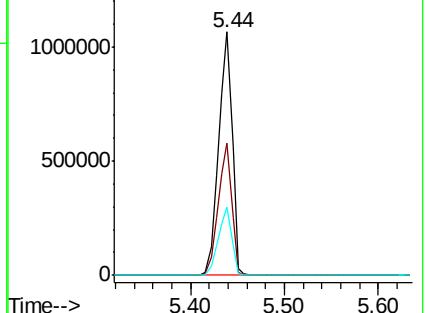
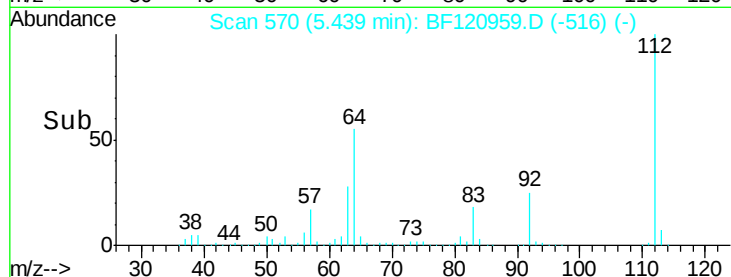
63 27.9 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.835 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

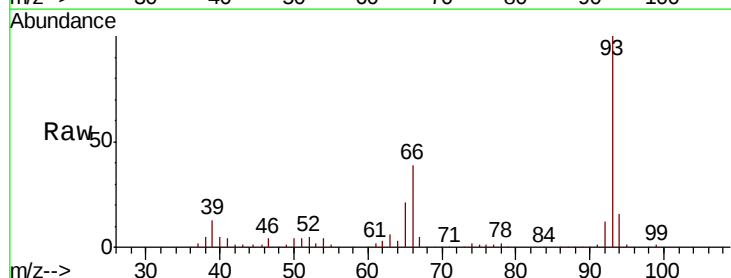
Tgt Ion: 93 Resp: 461690

Ion Ratio Lower Upper

93 100

66 39.1 30.2 45.4

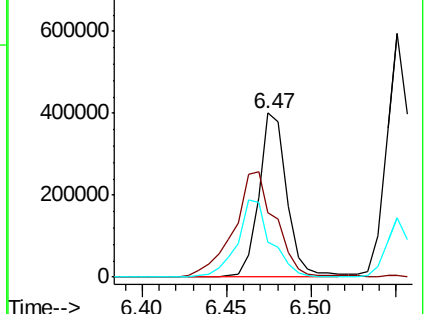
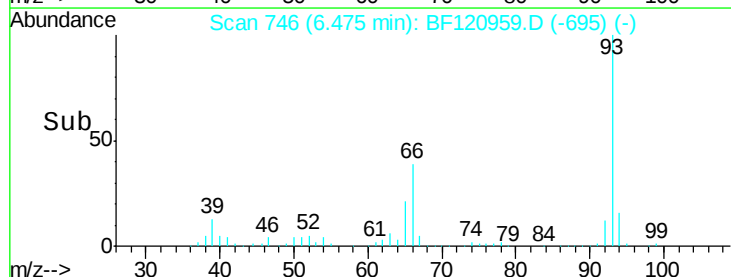
65 21.4 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.469 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120959.D

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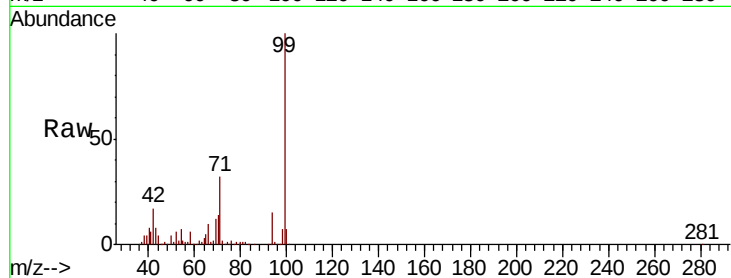
Tot Ion: 99 Resp: 1357325

Ion Ratio Lower Upper

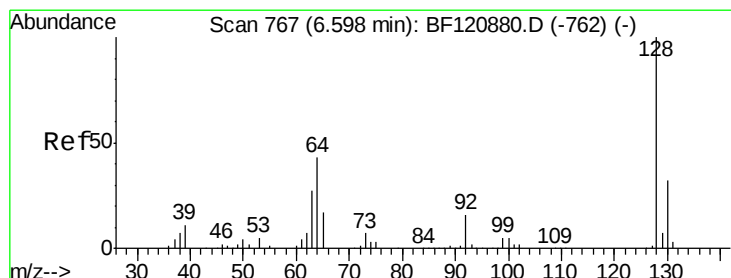
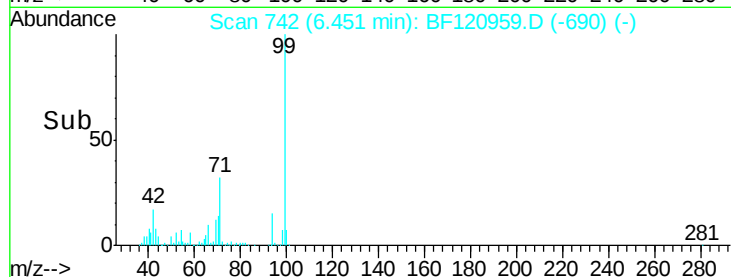
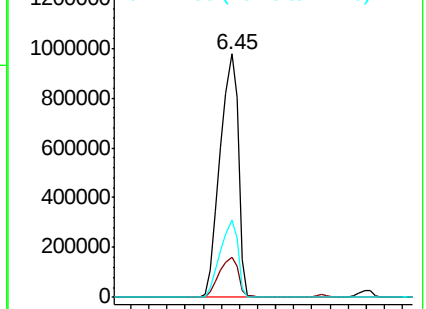
99 100

42 16.6 13.1 19.7

71 31.6 24.2 36.4



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: 44.952 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

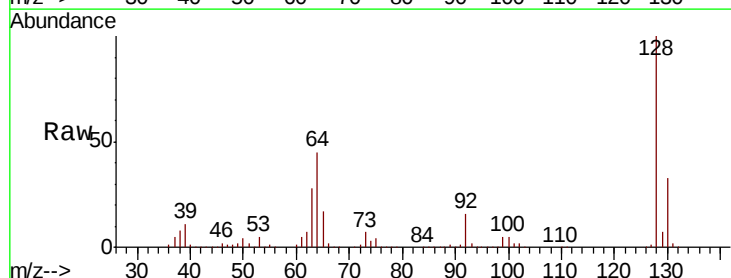
Tgt Ion: 128 Resp: 568883

Ion Ratio Lower Upper

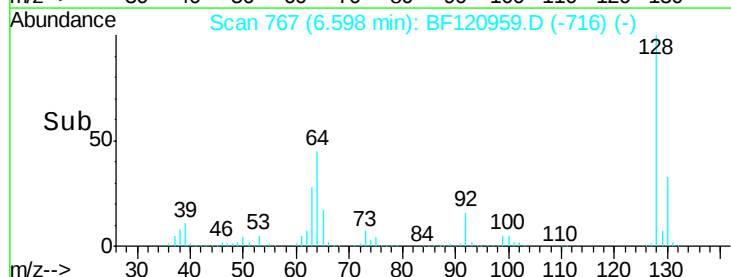
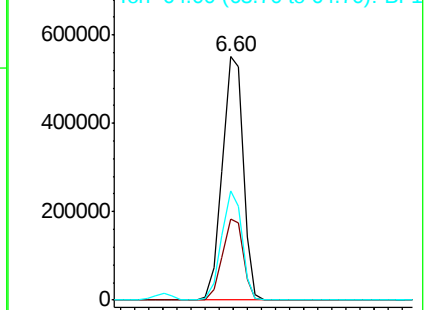
128 100

130 33.1 12.1 52.1

64 45.0 24.0 64.0



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: 76.384 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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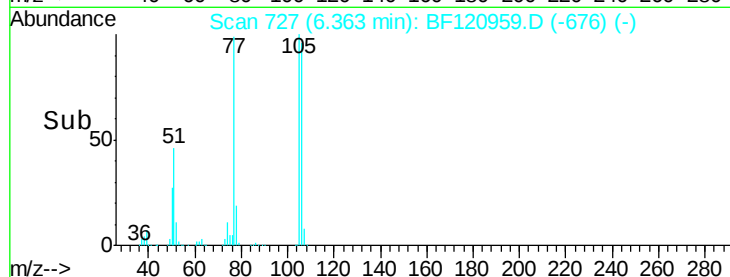
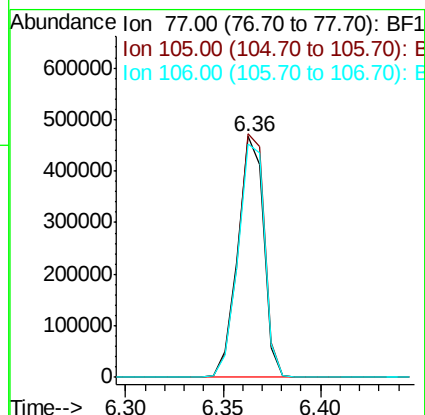
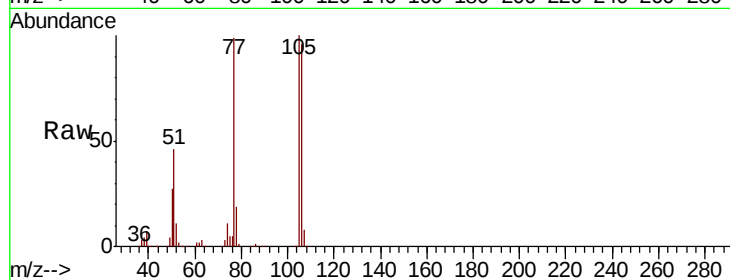
Tot Ion: 77 Resp: 430403

Ion Ratio Lower Upper

77 100

105 101.1 82.5 122.5

106 97.0 78.7 118.7



#10

Phenol

Concen: 41.541 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

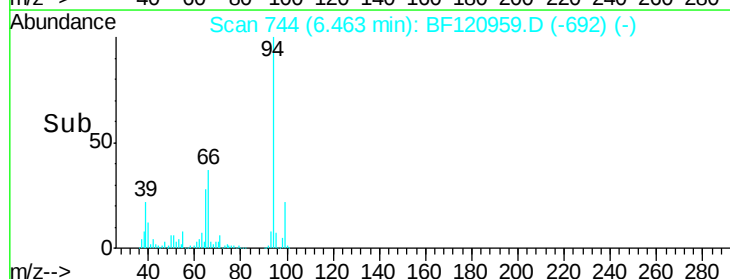
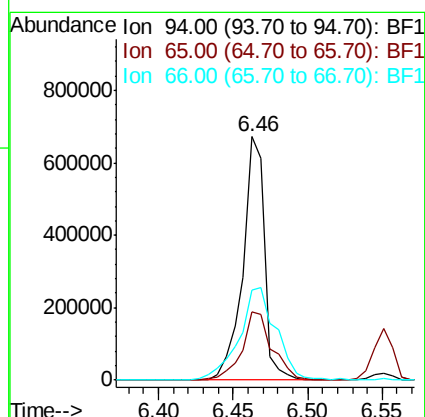
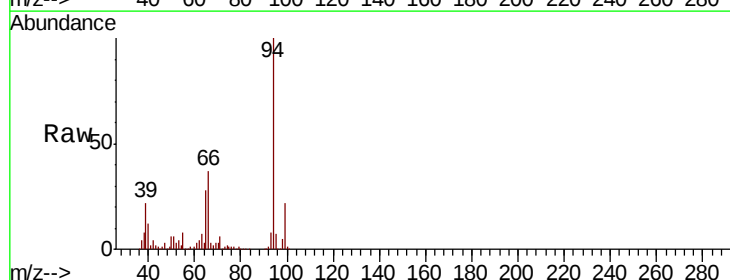
Tgt Ion: 94 Resp: 678095

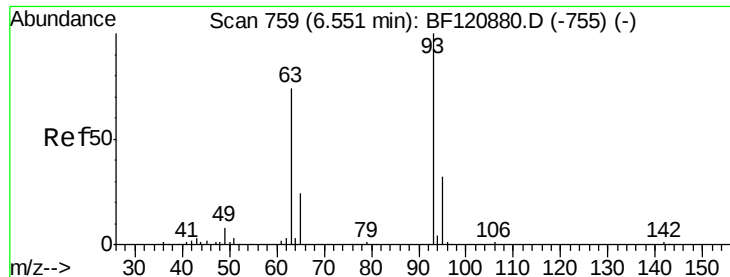
Ion Ratio Lower Upper

94 100

65 28.1 6.6 46.6

66 37.1 13.2 53.2

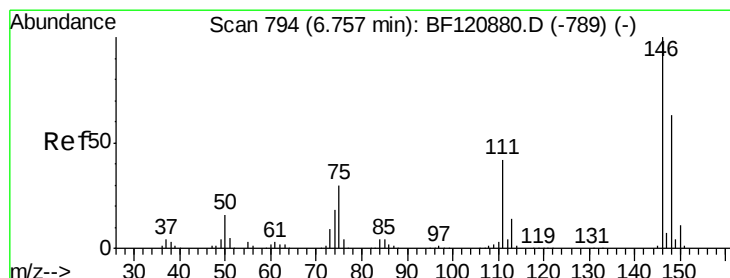
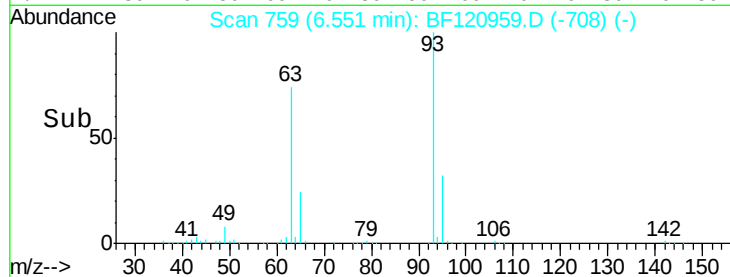
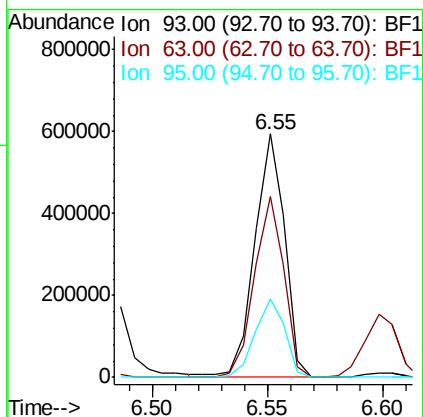
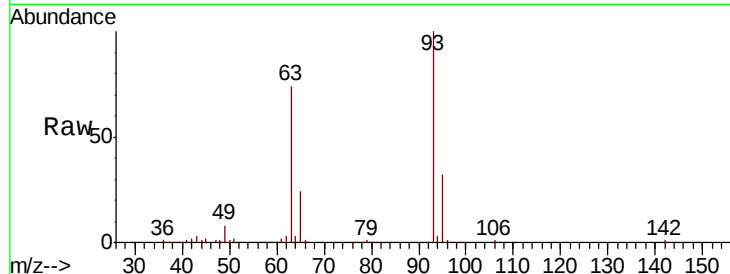




#11
bis(2-Chloroethyl)ether
Concen: 42.996 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

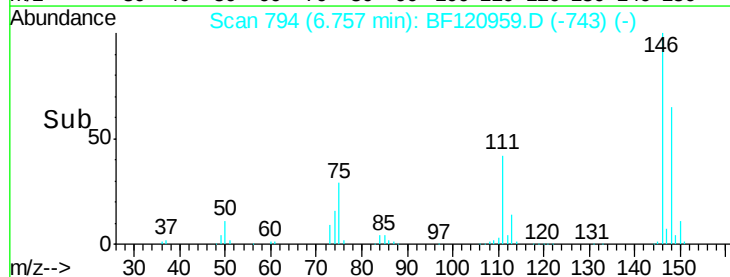
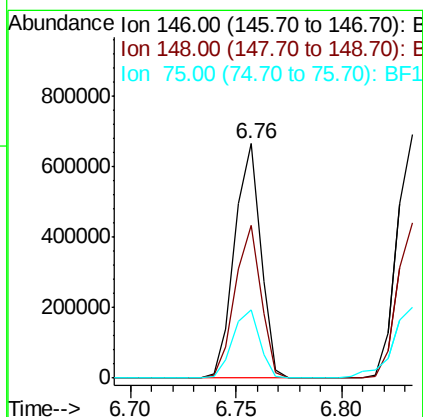
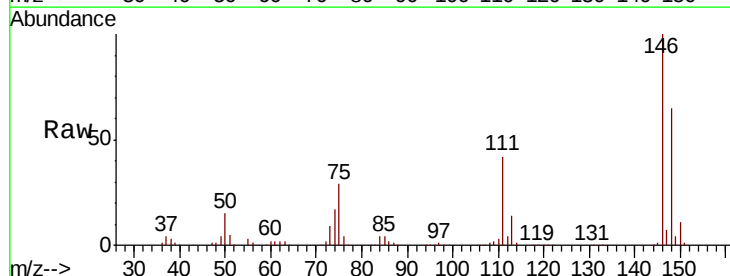
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

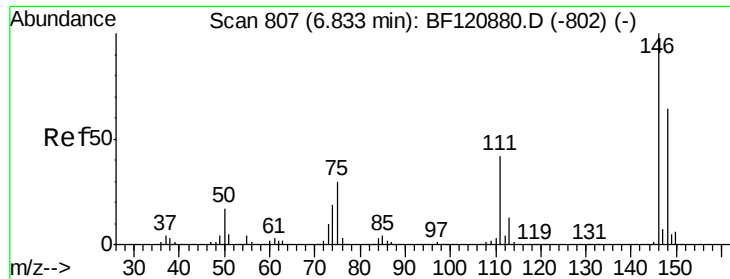
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.2	94.2
95	32.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 41.366 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
75	29.1	24.1	36.1

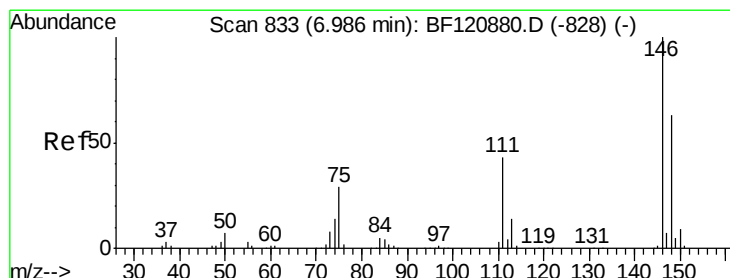
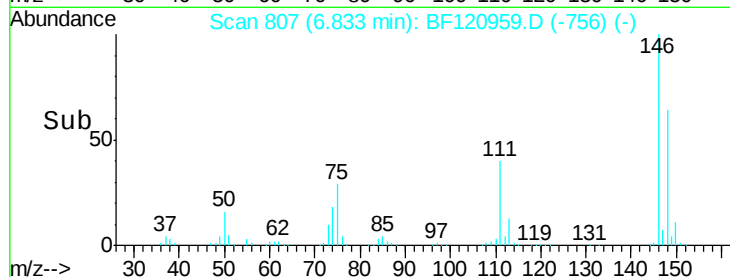
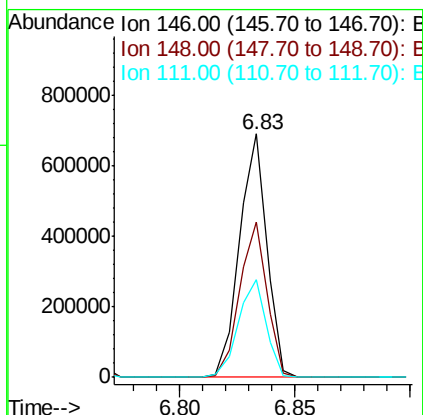
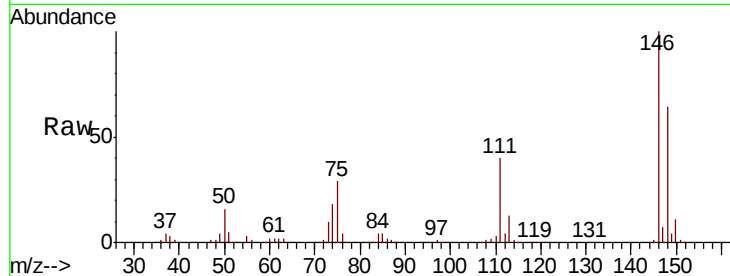




#13
 1,4-Dichlorobenzene
 Concen: 41.899 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

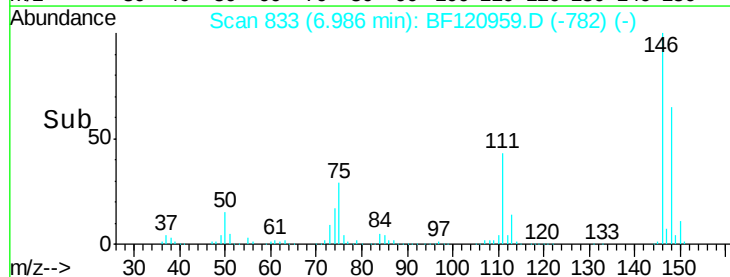
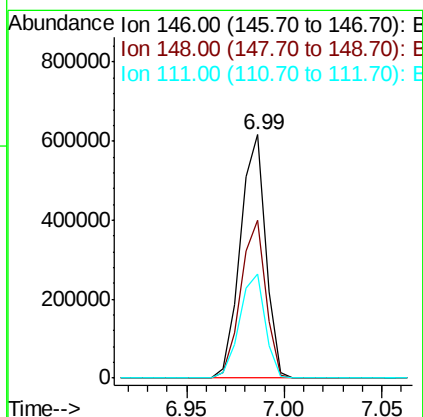
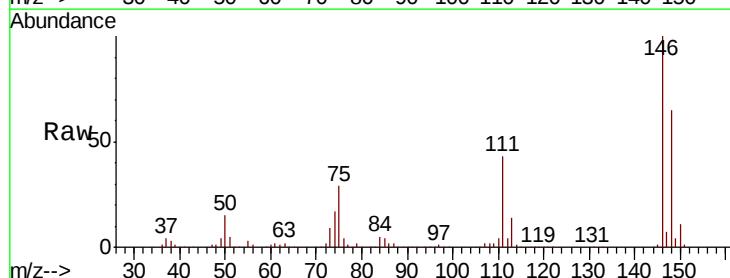
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:146 Resp: 571726
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 40.2 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 42.984 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:146 Resp: 554886
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 43.0 34.2 51.2





#15

Benzyl Alcohol

Concen: 43.433 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

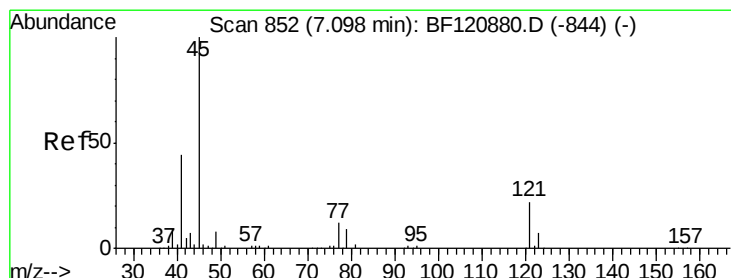
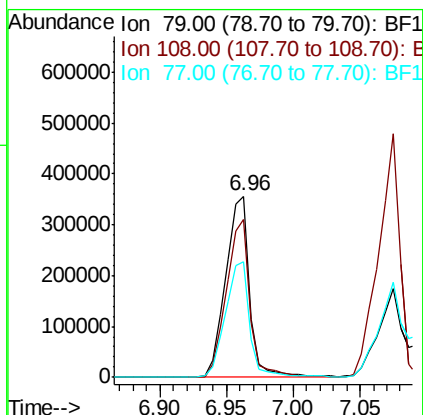
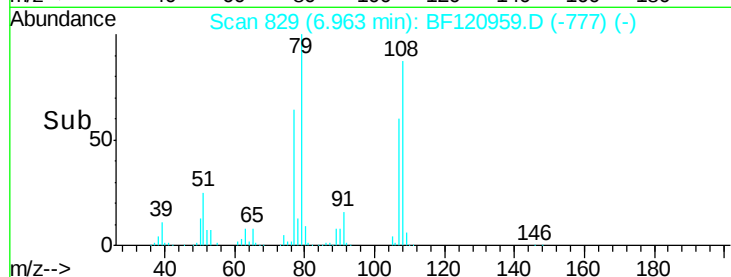
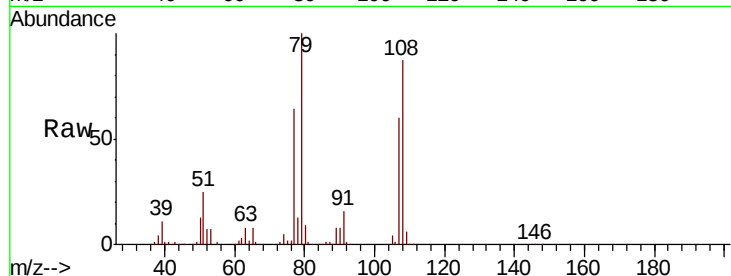
Tot Ion: 79 Resp: 455787

Ion Ratio Lower Upper

79 100

108 87.1 67.0 100.6

77 64.0 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.296 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

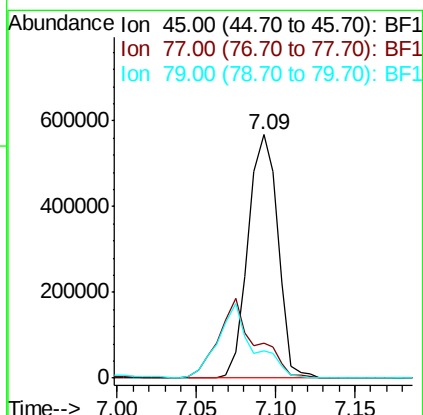
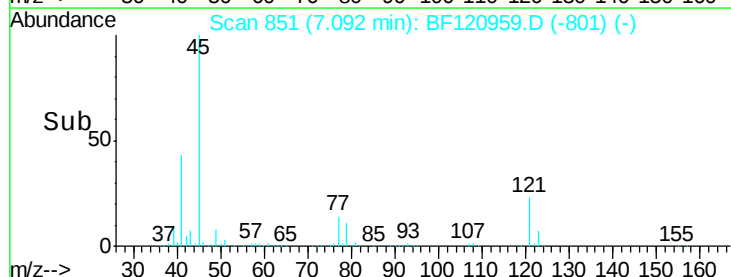
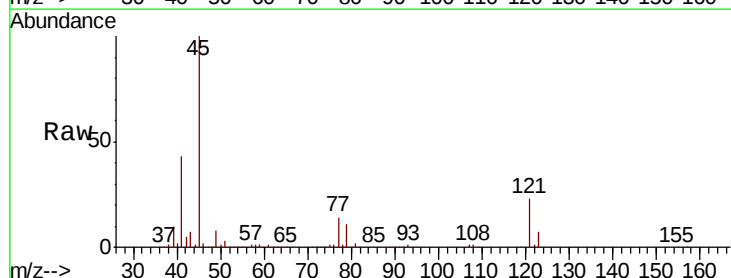
Tgt Ion: 45 Resp: 744627

Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.3

79 11.1 0.0 31.0

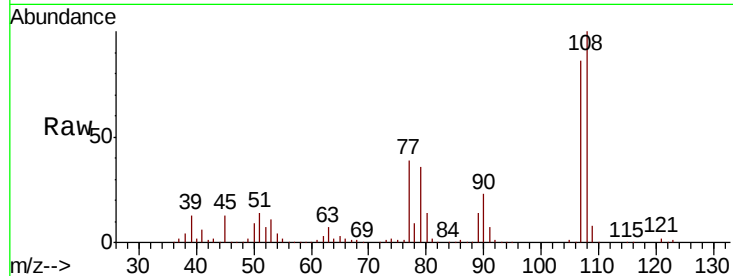




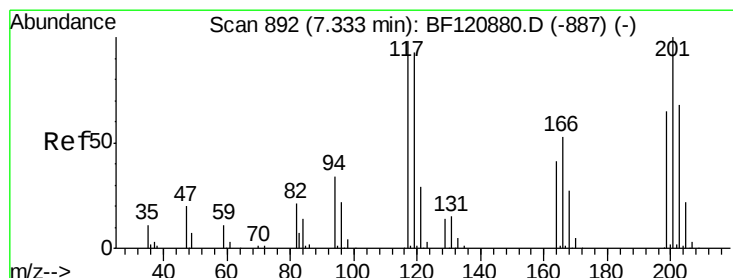
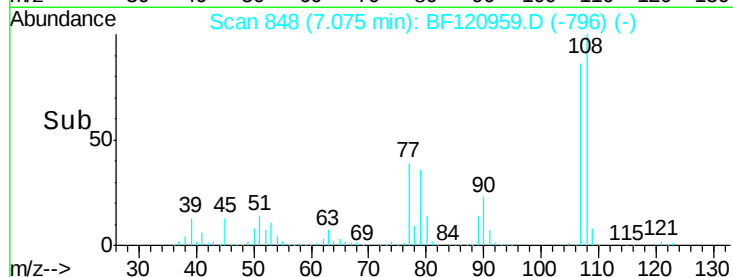
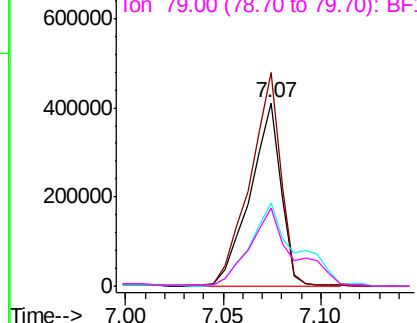
#17
2-Methylphenol
Concen: 40.069 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion:107 Resp: 449442
Ion Ratio Lower Upper
107 100
108 116.3 92.0 138.0
77 45.3 34.0 51.0
79 42.3 33.3 49.9

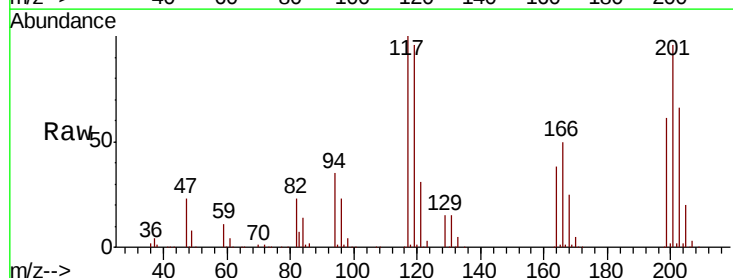


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

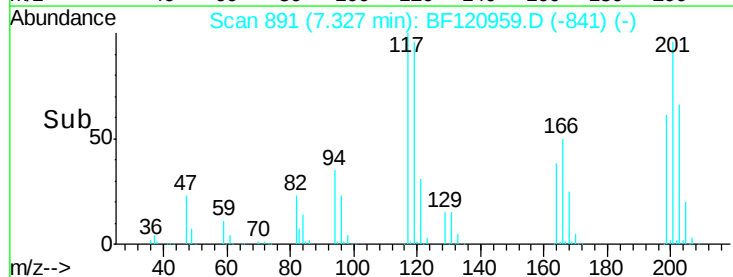
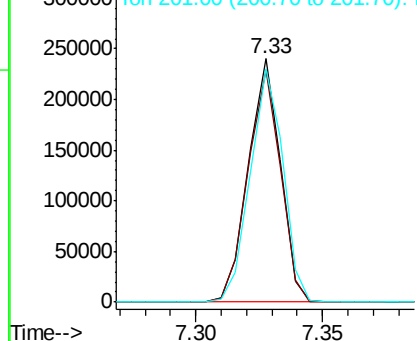


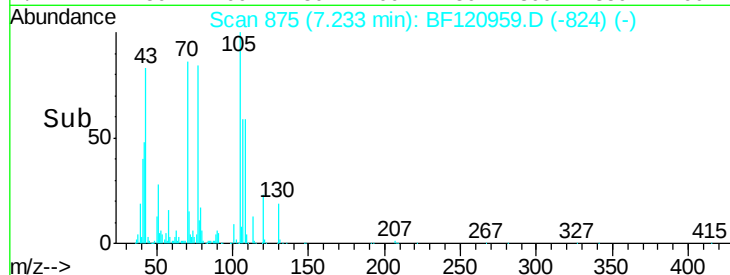
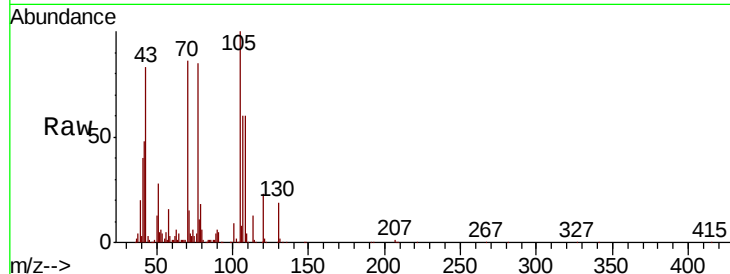
#18
Hexachloroethane
Concen: 43.003 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:117 Resp: 212383
Ion Ratio Lower Upper
117 100
119 95.6 76.0 114.0
201 95.9 81.7 122.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

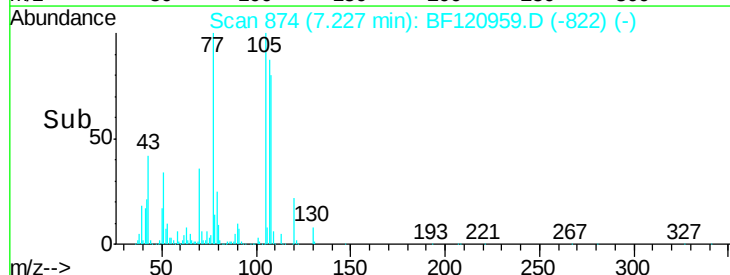
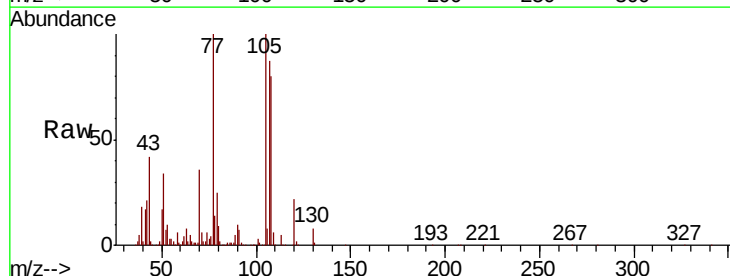
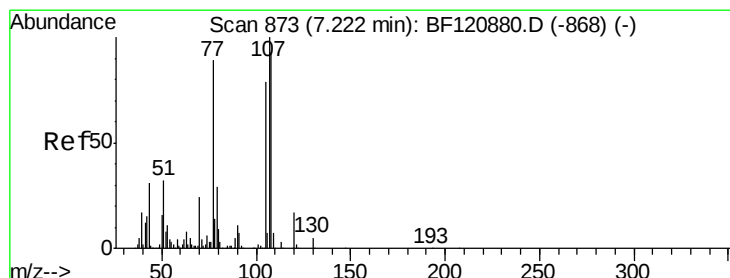
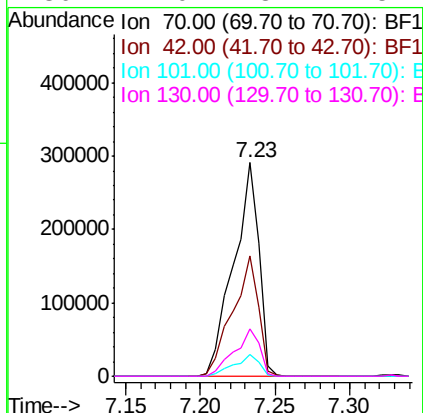




#19
n-Nitroso-di-n-propylamine
Concen: 40.927 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

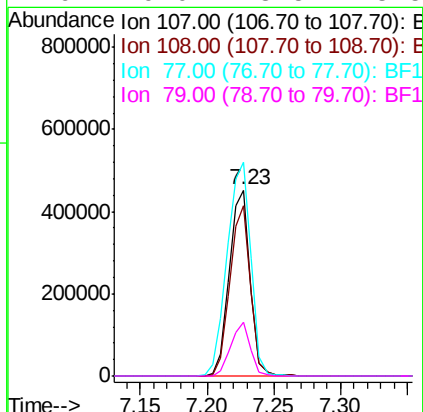
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

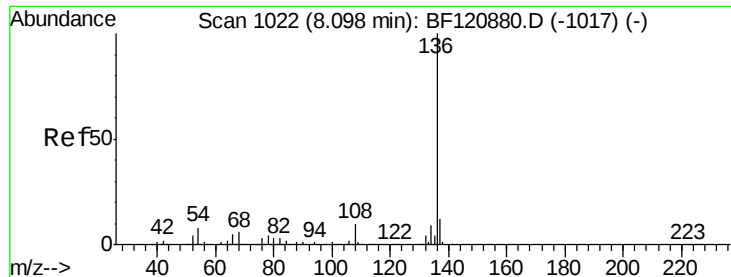
Tot Ion:	70	Resp:	345350
Ion	Ratio	Lower	Upper
70	100		
42	56.1	44.0	66.0
101	10.0	7.8	11.6
130	22.0	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.722 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:	107	Resp:	495445
Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.8	112.8
77	114.9	68.7	108.7#
79	29.0	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:136 Resp: 745822

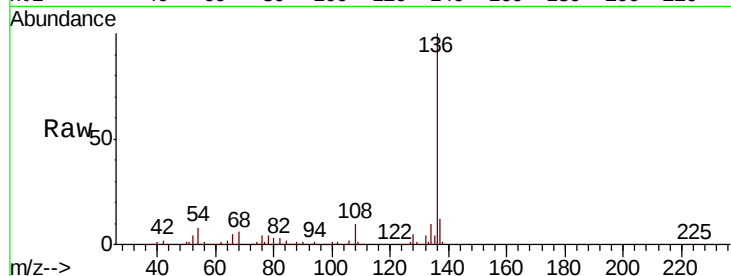
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.6 6.3 9.5

68 5.9 5.0 7.4

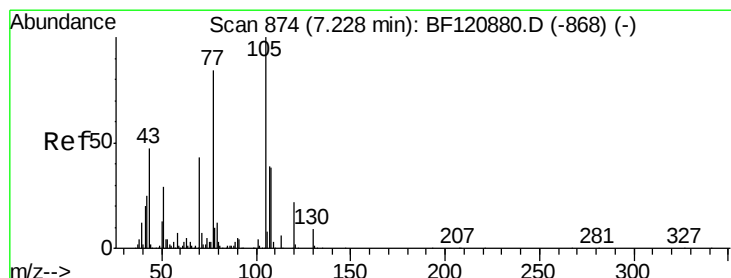
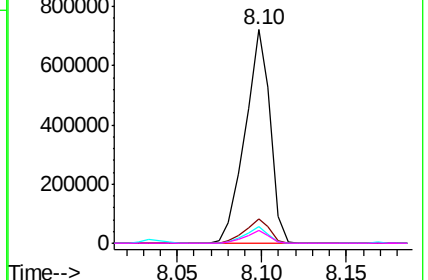
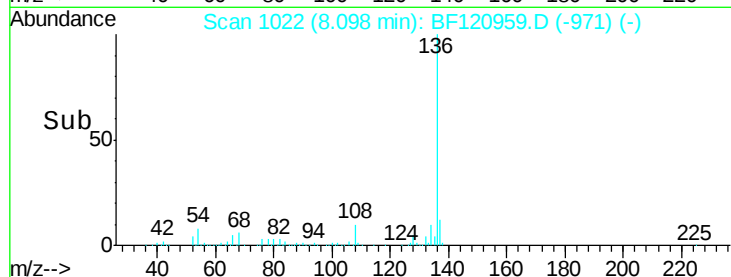


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.233 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Tgt Ion:105 Resp: 690170

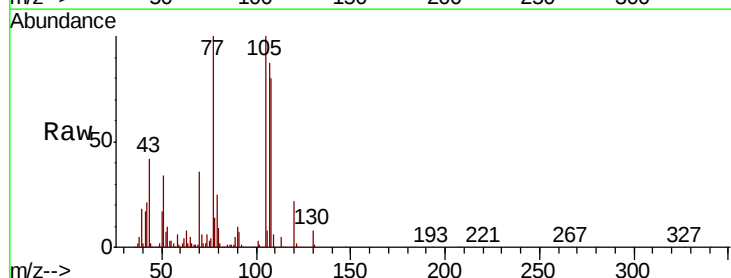
Ion Ratio Lower Upper

105 100

71 5.9 5.7 8.5

51 34.4 22.9 34.3#

120 22.0 18.0 27.0

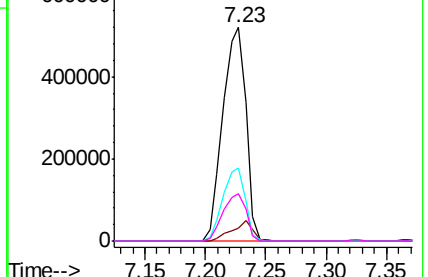
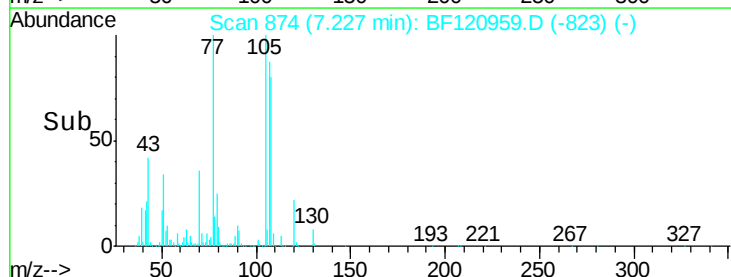


Abundance Ion 105.00 (104.70 to 105.70): E

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

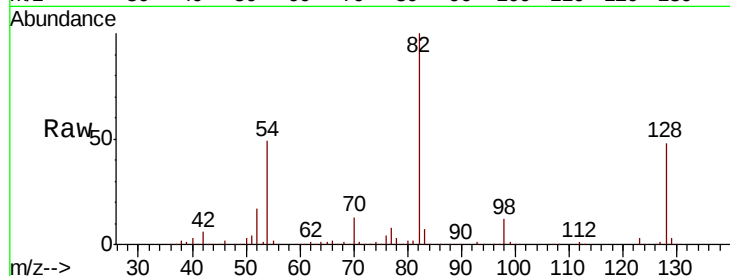




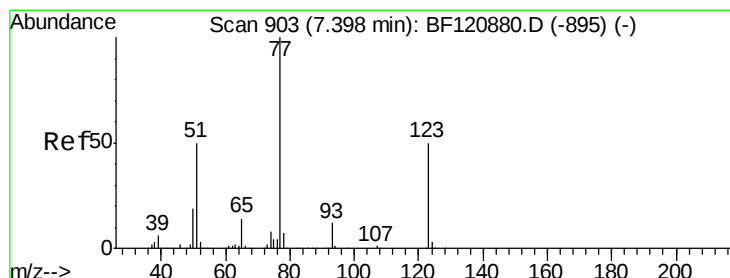
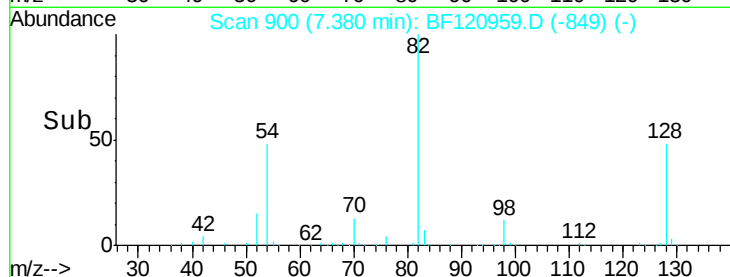
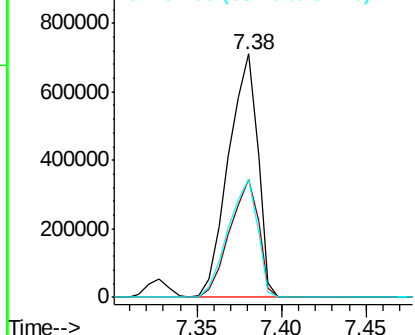
#23
 Nitrobenzene-d5
 Concen: 66.550 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion: 82 Resp: 857789
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.2 57.4
 54 48.6 38.7 58.1

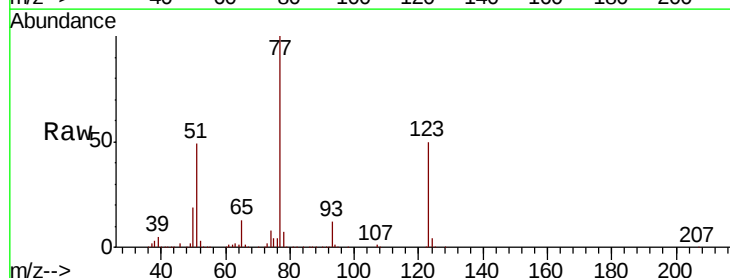


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

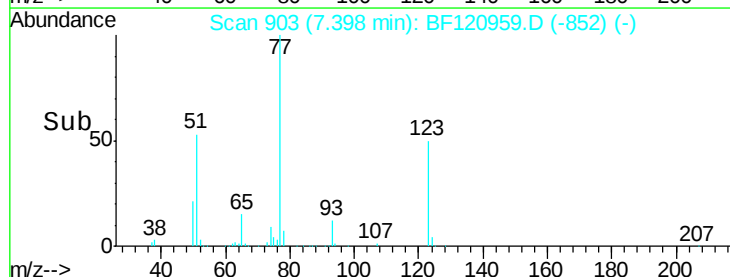
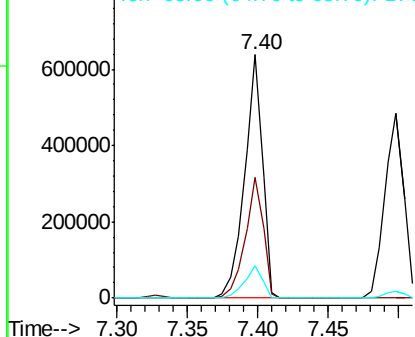


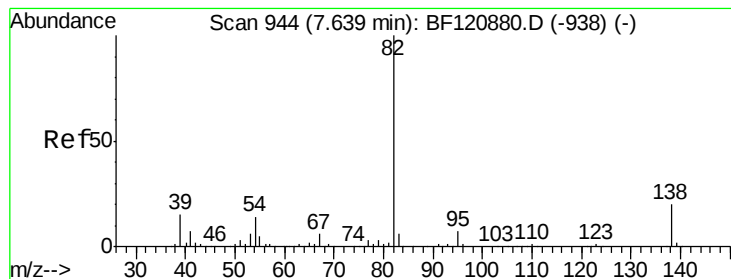
#24
 Nitrobenzene
 Concen: 40.497 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion: 77 Resp: 562592
 Ion Ratio Lower Upper
 77 100
 123 49.7 40.1 60.1
 65 13.3 10.8 16.2



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: 41.252 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

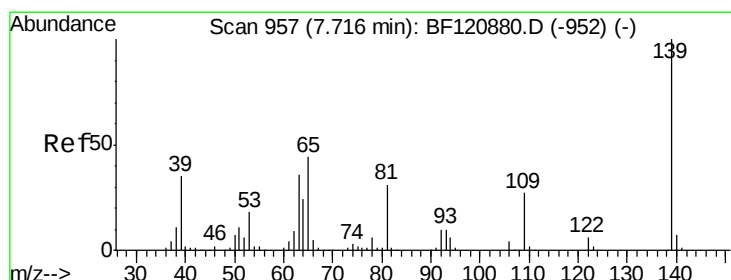
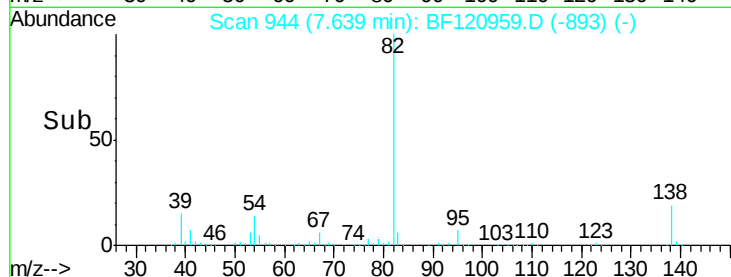
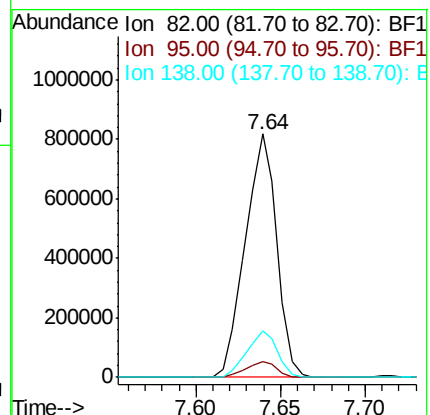
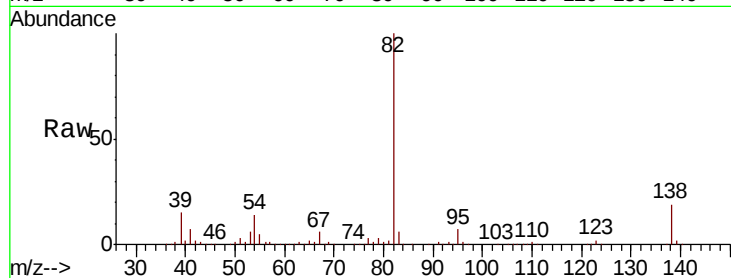
Tot Ion: 82 Resp: 1061172

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 19.0 15.6 23.4



#26

2-Nitrophenol

Concen: 46.356 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

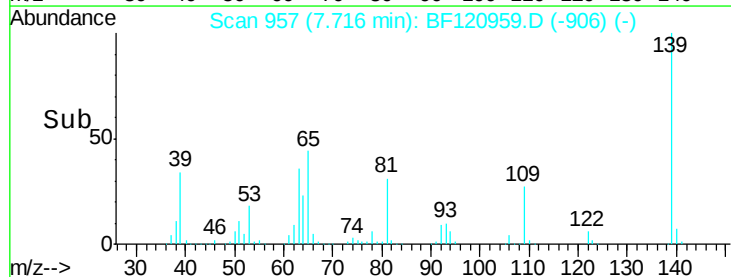
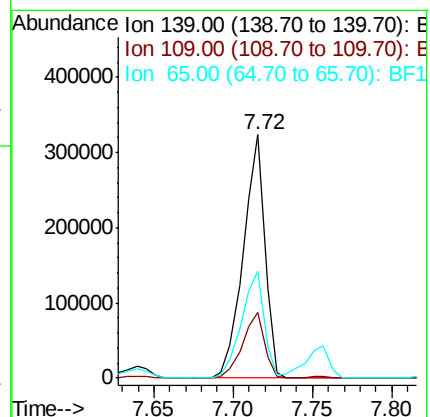
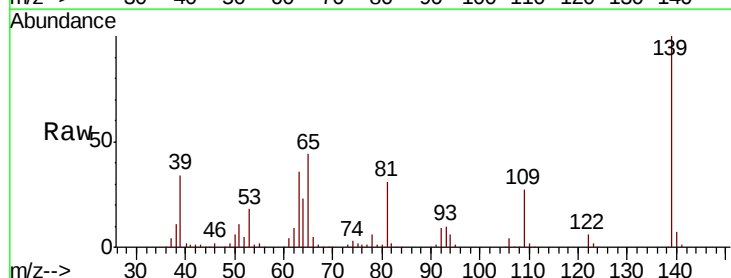
Tgt Ion: 139 Resp: 305851

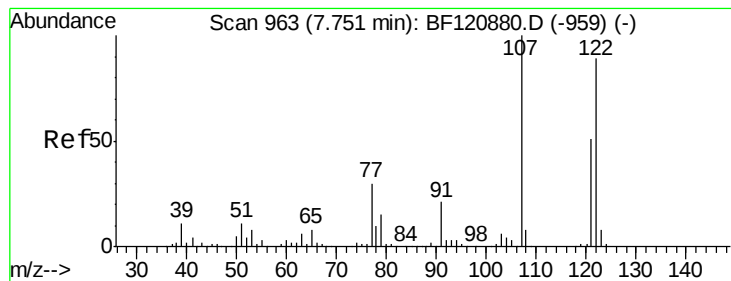
Ion Ratio Lower Upper

139 100

109 26.8 21.6 32.4

65 43.8 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 46.495 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

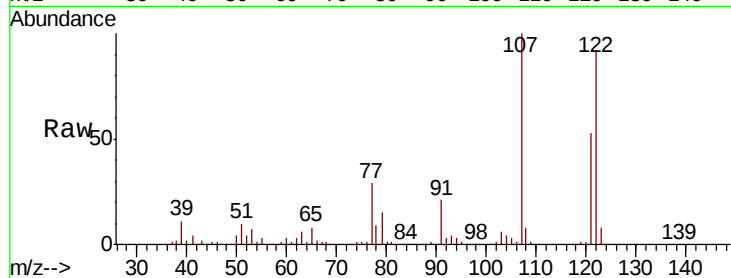
Tot Ion:122 Resp: 498072

Ion Ratio Lower Upper

122 100

107 108.5 89.4 134.0

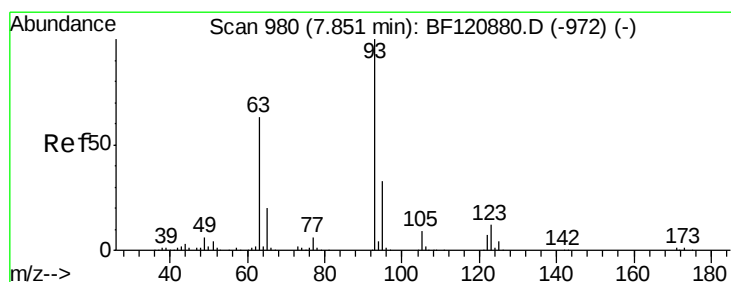
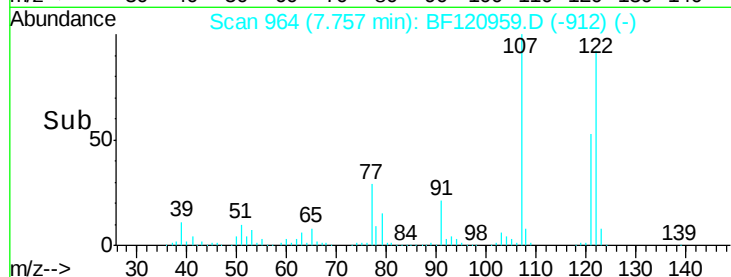
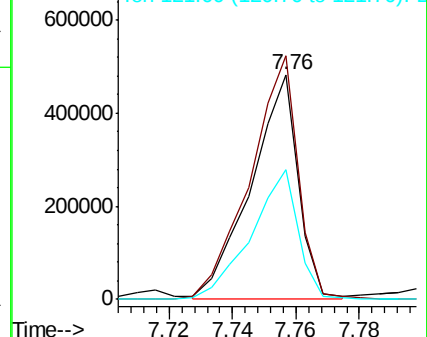
121 58.0 46.0 69.0



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: 42.607 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

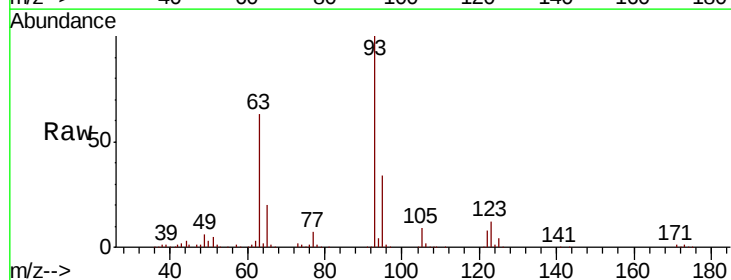
Tgt Ion: 93 Resp: 669040

Ion Ratio Lower Upper

93 100

95 33.8 26.6 39.8

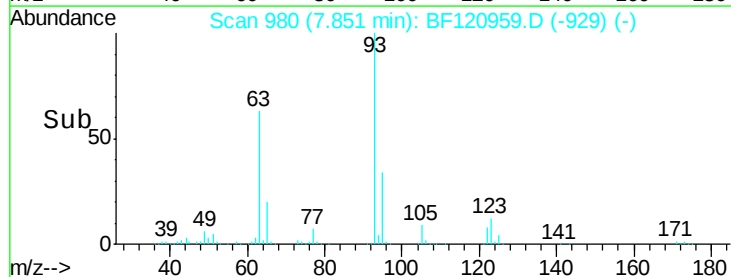
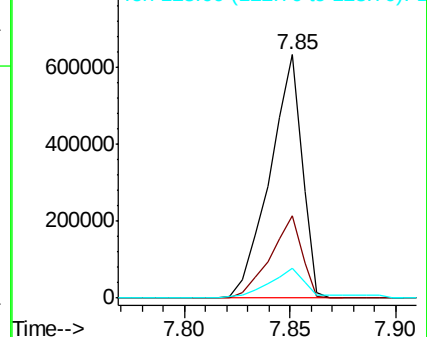
123 12.2 10.0 15.0

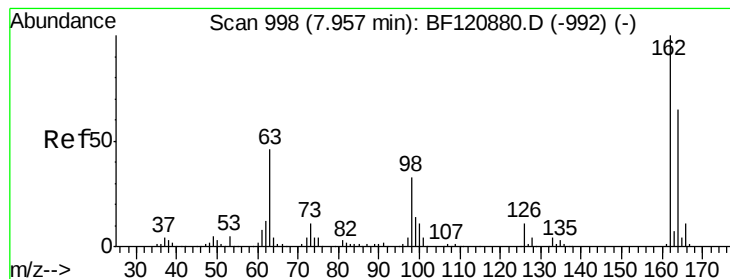


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.007 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

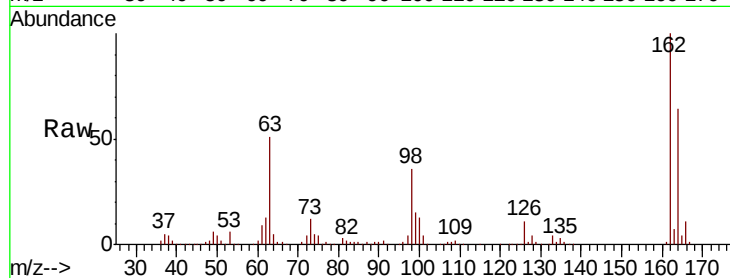
Tot Ion:162 Resp: 470777

Ion Ratio Lower Upper

162 100

164 64.1 45.3 85.3

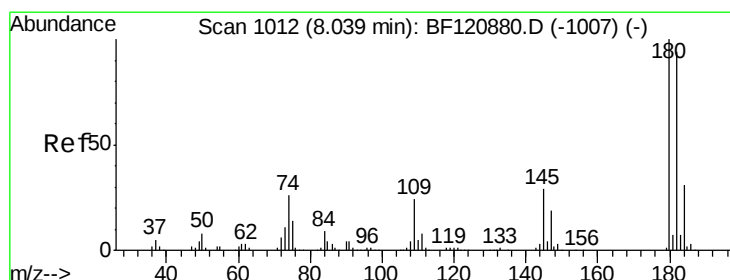
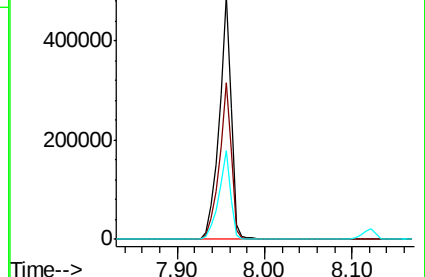
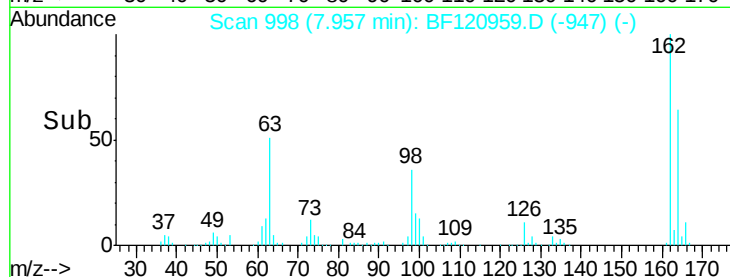
98 36.3 13.3 53.3



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: 41.635 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

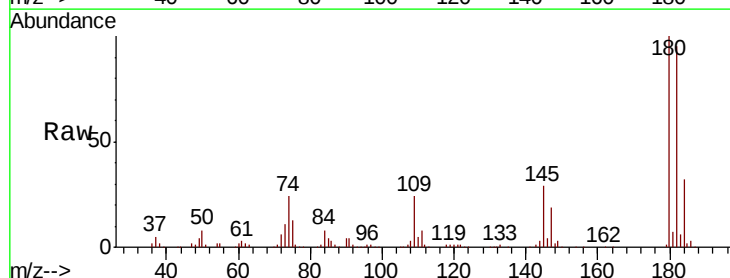
Tgt Ion:180 Resp: 505649

Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

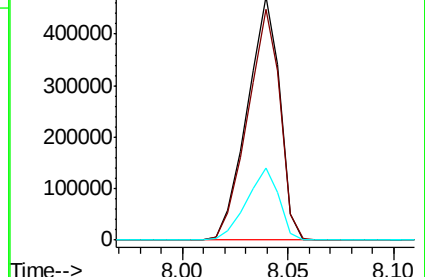
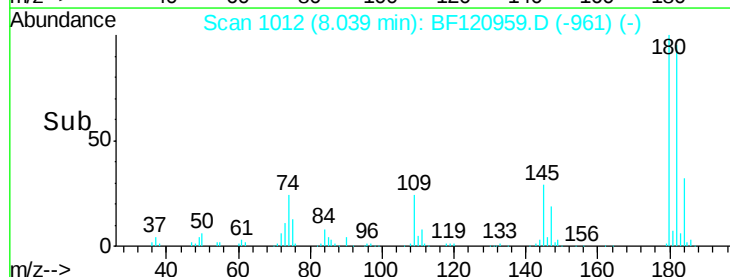
145 29.4 23.5 35.3

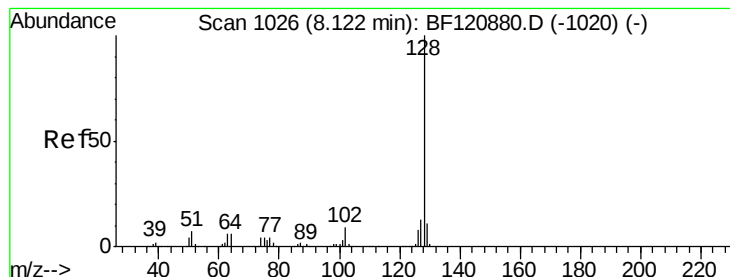


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.556 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

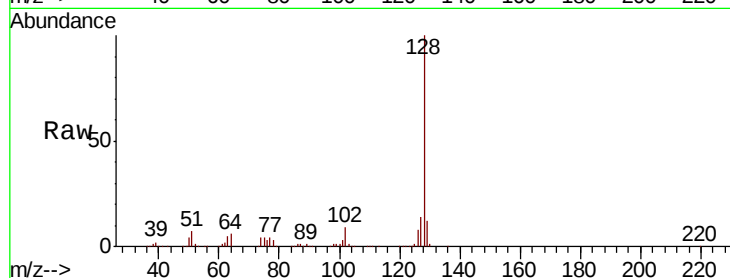
Tot Ion:128 Resp: 1551567

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

2000000

1500000

1000000

500000

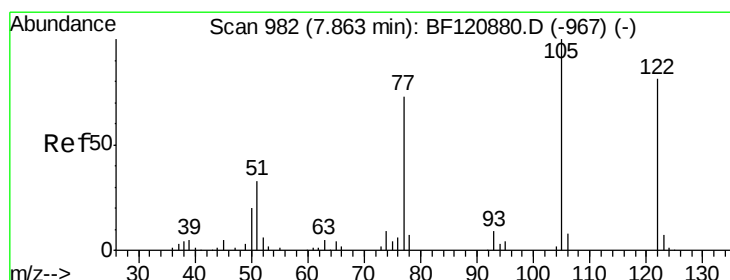
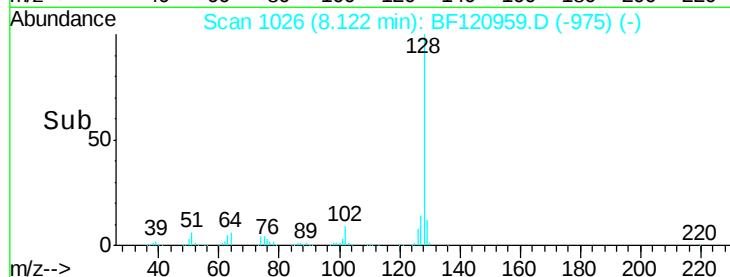
0

8.05

8.10

8.15

Time-->



#32

Benzoic acid

Concen: 45.098 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

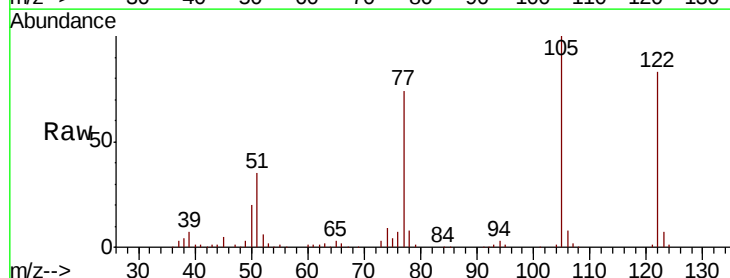
Tgt Ion:122 Resp: 362653

Ion Ratio Lower Upper

122 100

105 120.5 101.3 141.3

77 89.2 69.1 109.1



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

600000

500000

400000

300000

200000

100000

0

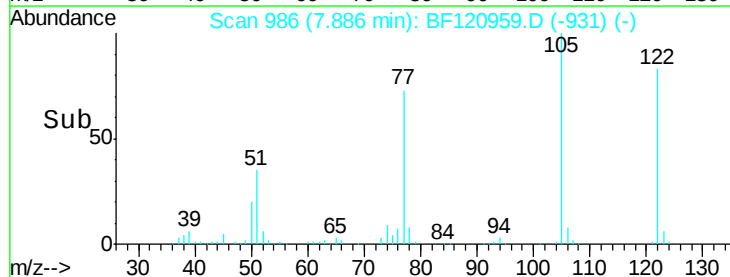
7.70

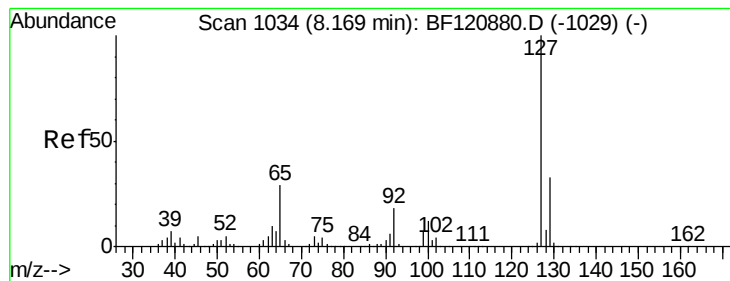
7.80

7.90

8.00

Time-->





#33

4-Chloroaniline

Concen: 14.347 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion:127 Resp: 244844

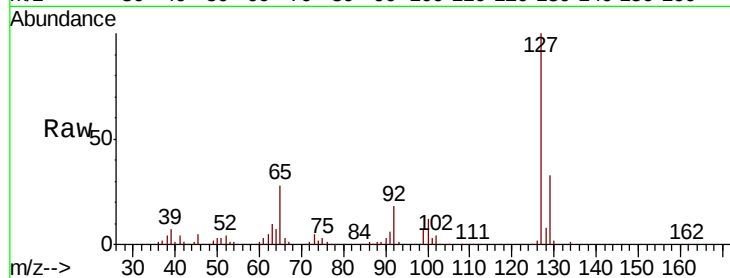
Ion Ratio Lower Upper

127 100

129 32.7 26.5 39.7

65 27.6 23.0 34.4

92 17.7 14.5 21.7

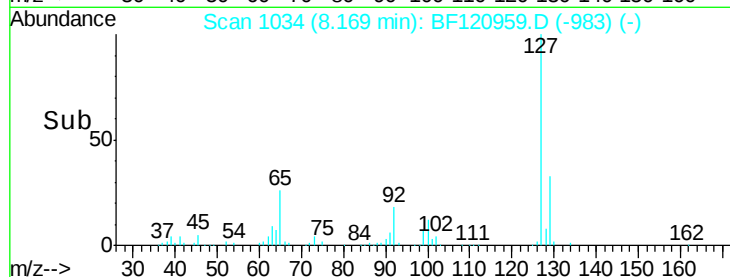


Abundance Ion 127.00 (126.70 to 127.70): E

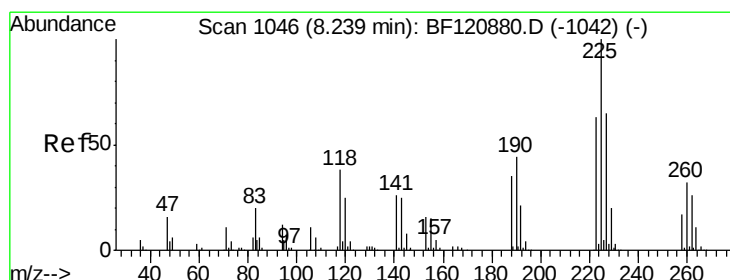
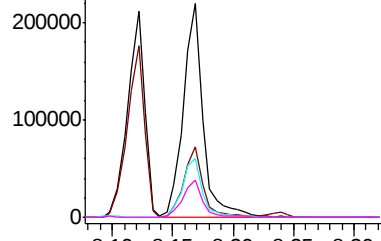
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 40.426 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

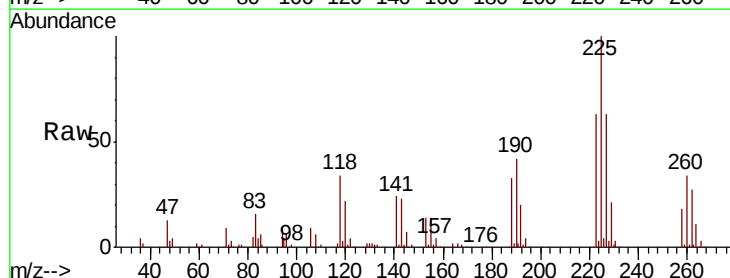
Tgt Ion:225 Resp: 289425

Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

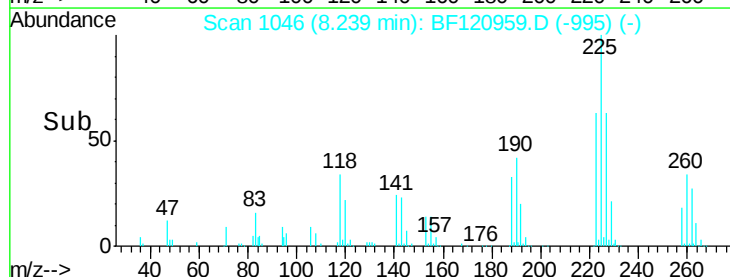
227 62.9 52.2 78.2



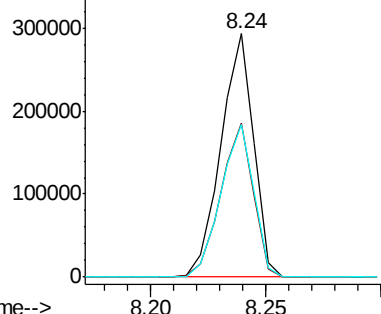
Abundance Ion 225.00 (224.70 to 225.70): E

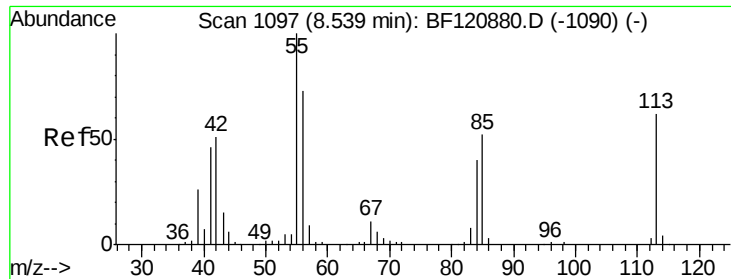
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

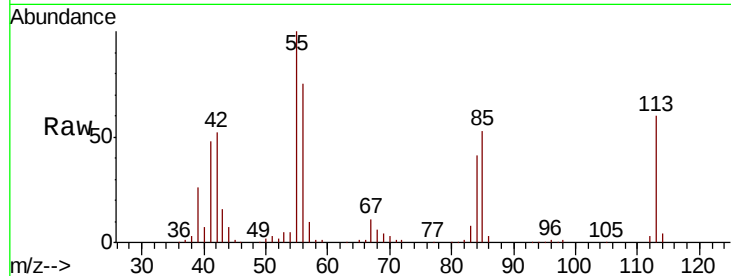




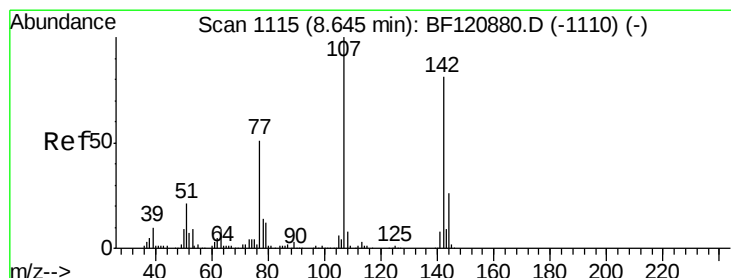
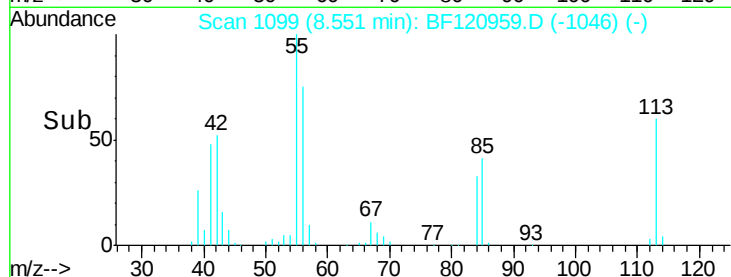
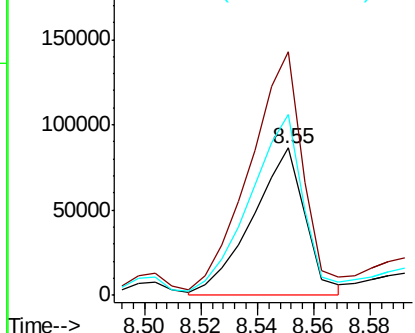
#35
 Caprolactam
 Concen: 32.061 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:113 Resp: 112545
 Ion Ratio Lower Upper
 113 100
 55 165.5 143.3 183.3
 56 123.3 99.4 139.4

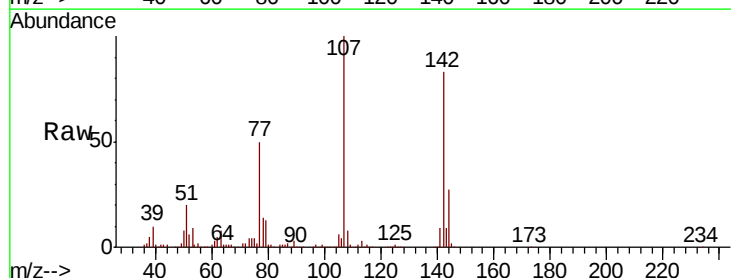


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

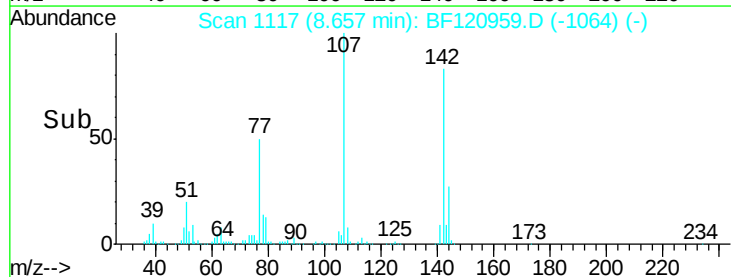
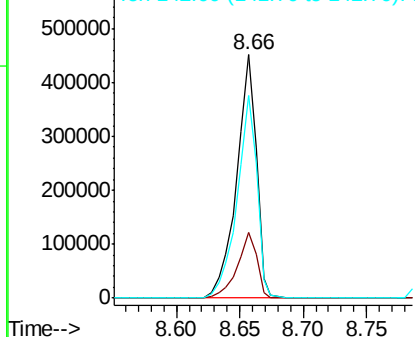


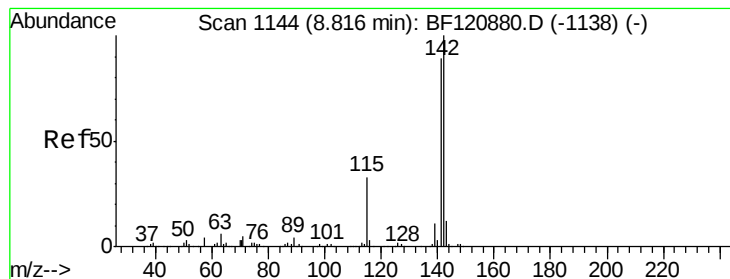
#36
 4-Chloro-3-methylphenol
 Concen: 43.385 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:107 Resp: 487072
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.6
 142 83.4 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.932 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

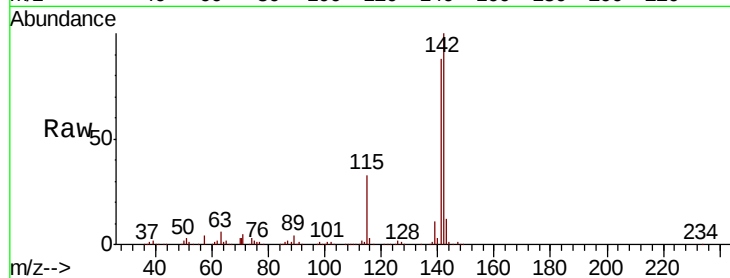
Tot Ion:142 Resp: 1066446

Ion Ratio Lower Upper

142 100

141 88.1 71.0 106.4

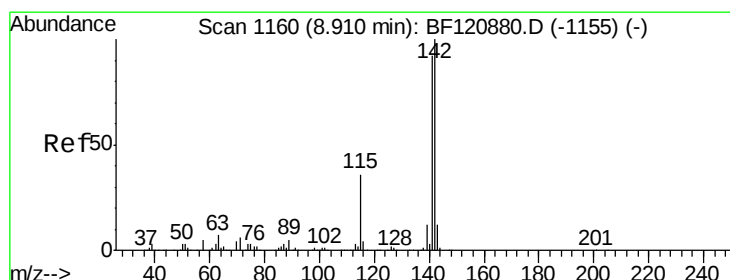
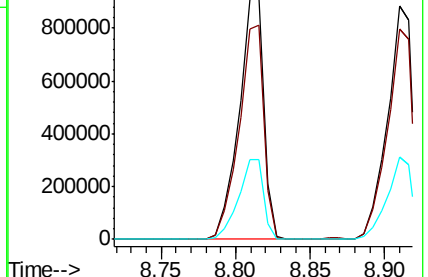
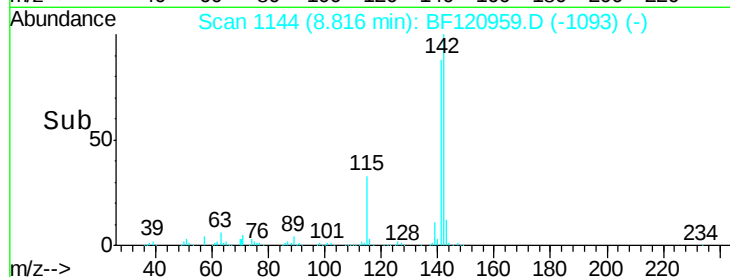
115 32.9 26.0 39.0



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: 42.679 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

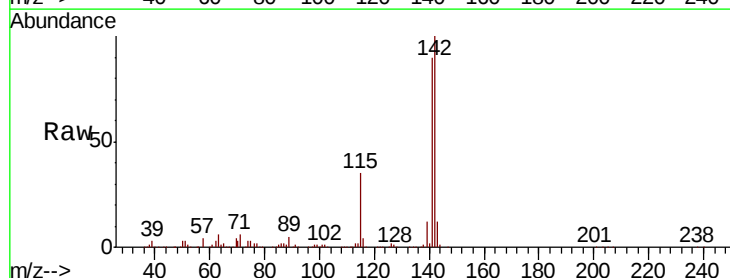
Tgt Ion:142 Resp: 1004081

Ion Ratio Lower Upper

142 100

141 90.1 73.7 110.5

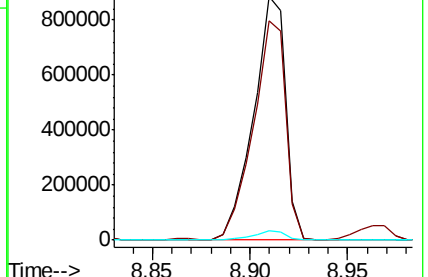
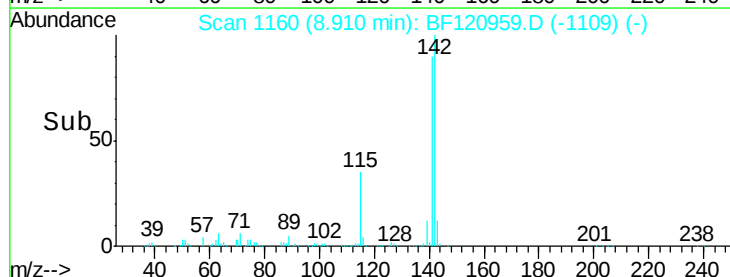
116 3.8 3.0 4.6

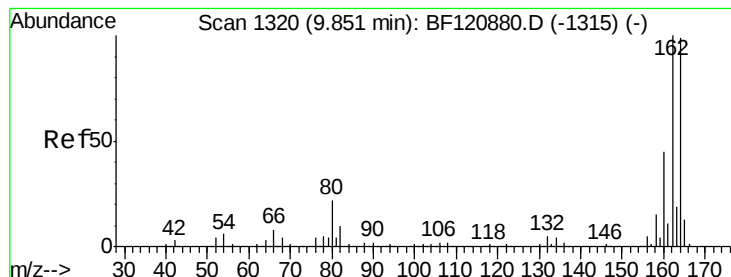


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

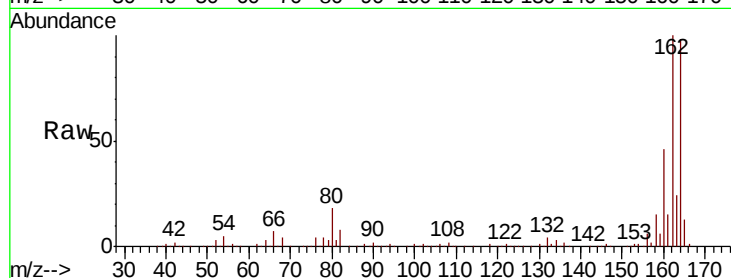
Tot Ion:164 Resp: 400258

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

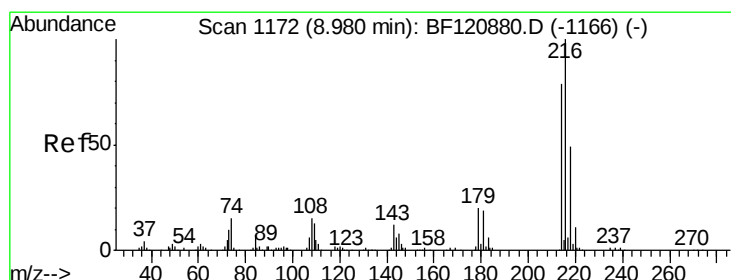
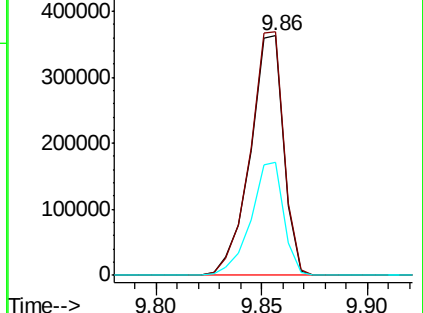
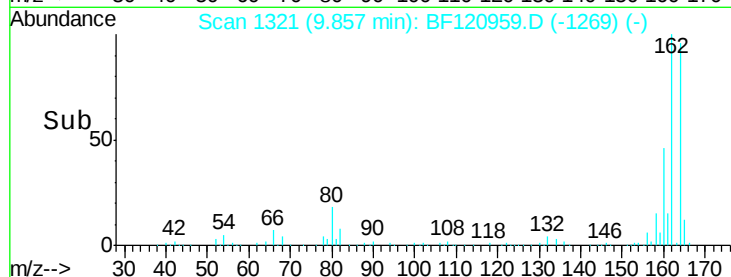
160 47.0 36.9 55.3



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: 39.054 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Tgt Ion:216 Resp: 455443

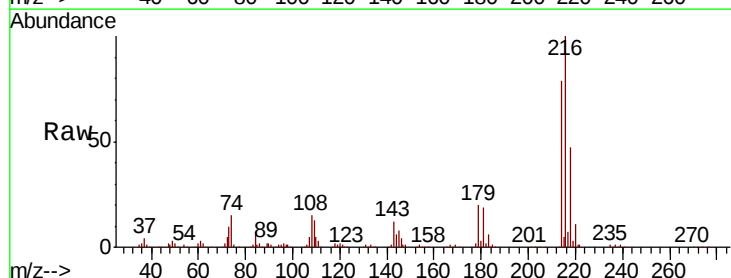
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 20.6 16.6 24.8

108 20.6 15.4 23.0

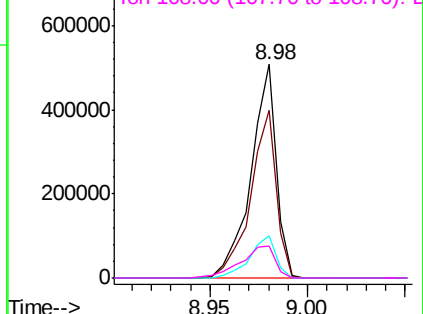
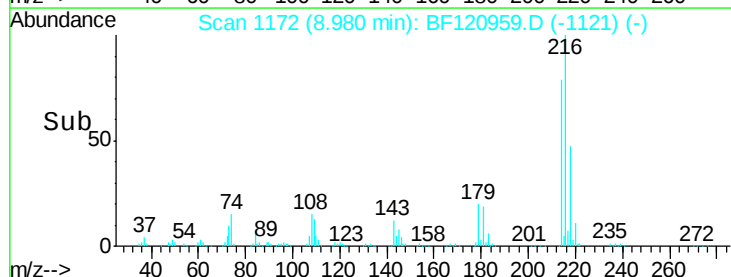


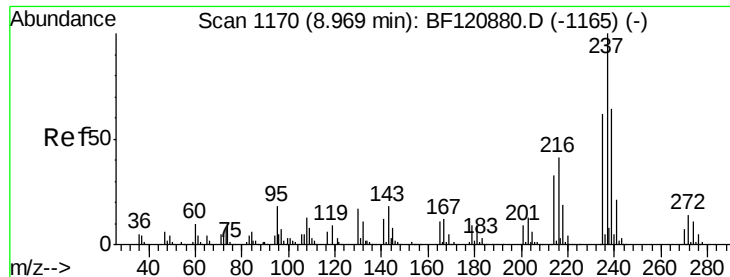
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.351 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

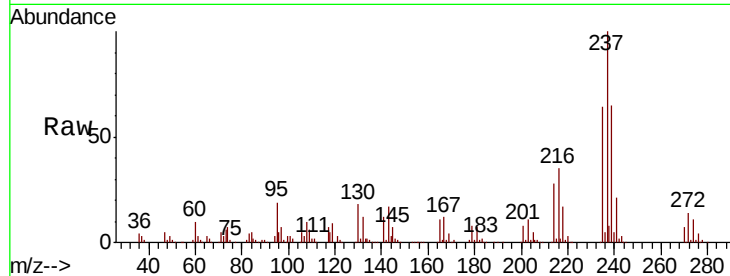
Tot Ion:237 Resp: 511437

Ion Ratio Lower Upper

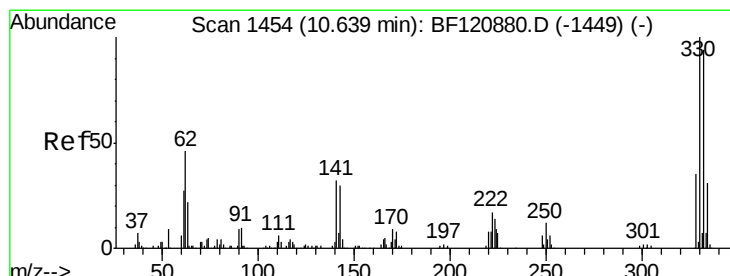
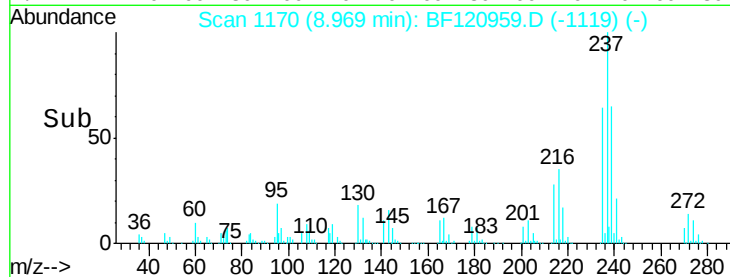
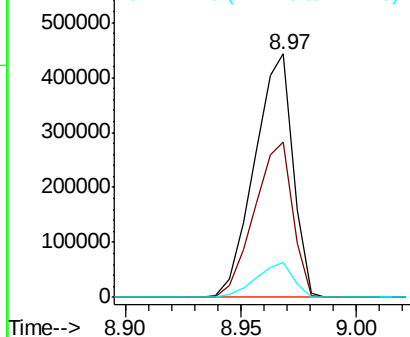
237 100

235 63.7 41.6 81.6

272 14.4 0.0 33.7



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: 92.913 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

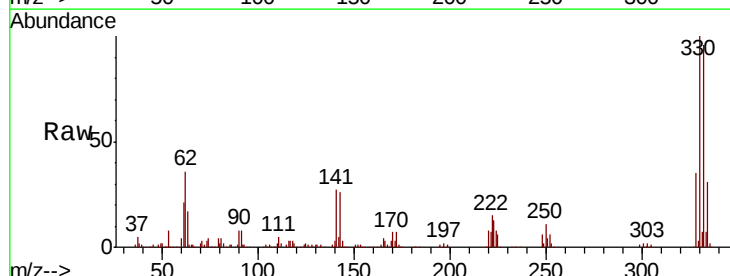
Tgt Ion:330 Resp: 407071

Ion Ratio Lower Upper

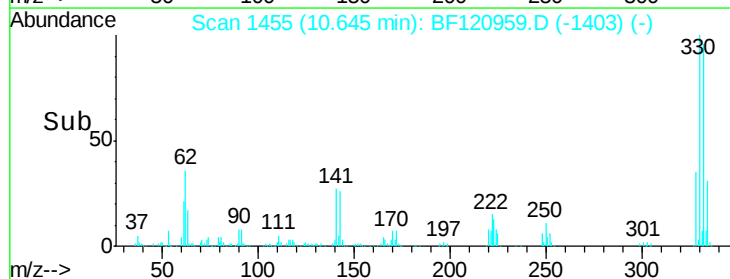
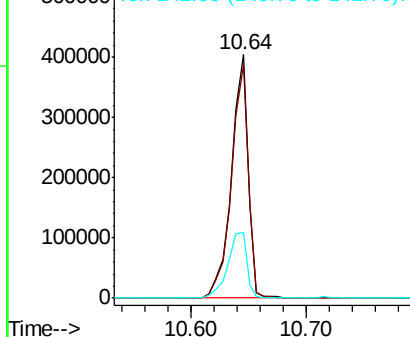
330 100

332 96.5 75.5 113.3

141 30.6 25.7 38.5



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

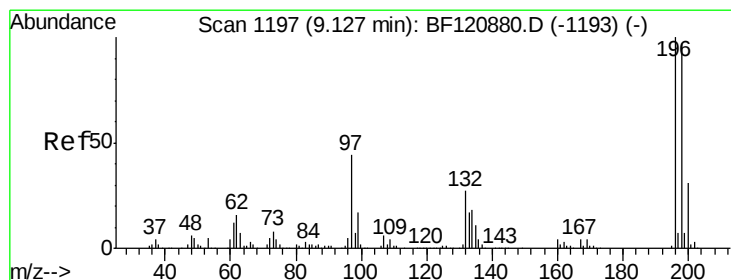
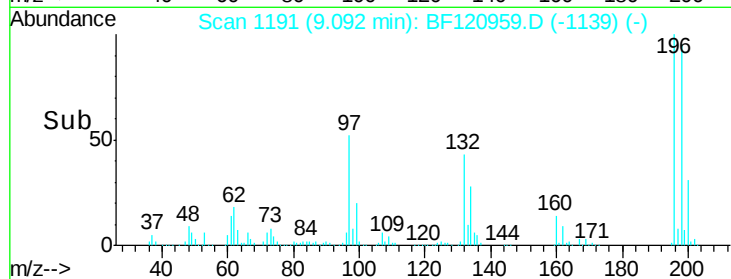
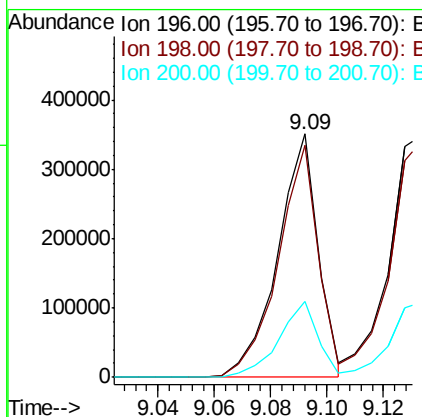
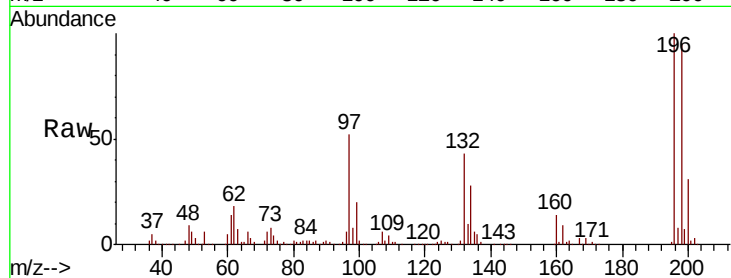




#43
 2,4,6-Trichlorophenol
 Concen: 42.327 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

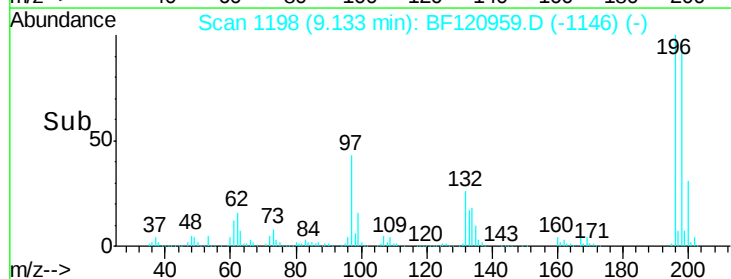
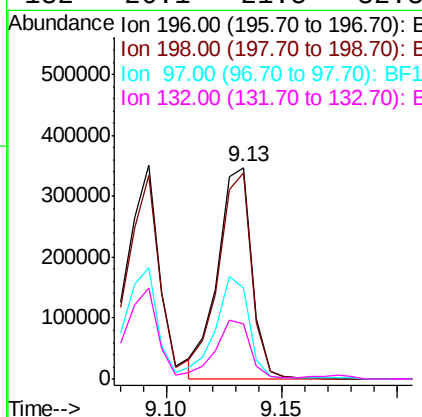
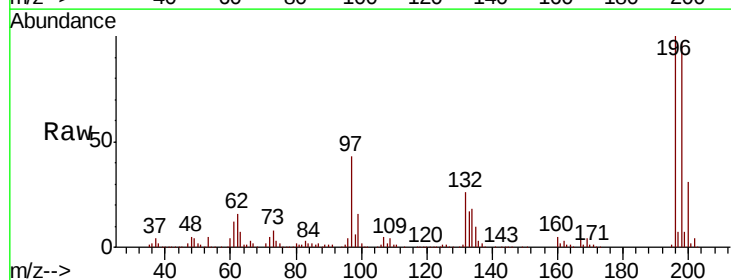
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

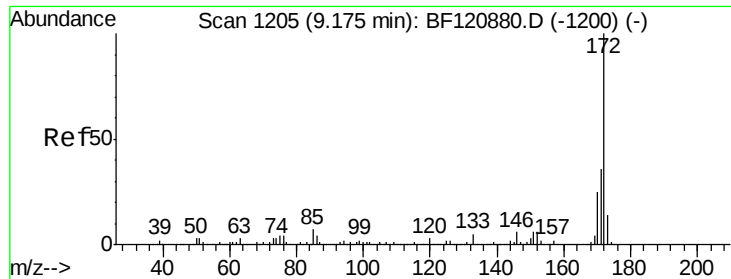
Tot Ion:196 Resp: 347548
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 31.0 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.284 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:196 Resp: 356573
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.6 116.4
 97 43.1 35.6 53.4
 132 26.1 21.5 32.3

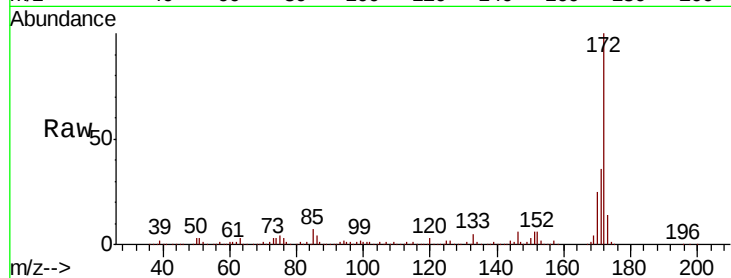




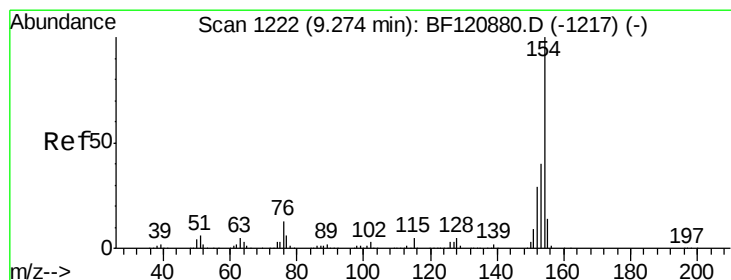
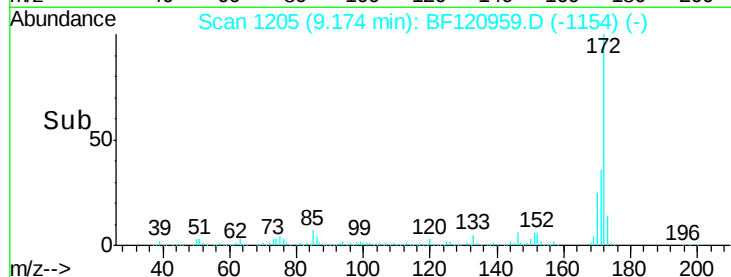
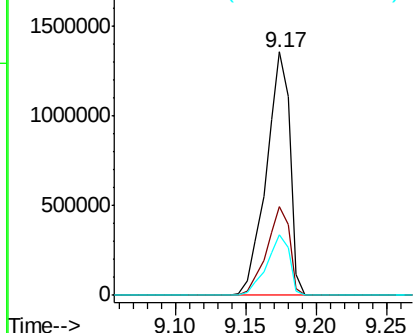
#45
 2-Fluorobiphenyl
 Concen: 59.474 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:172 Resp: 1594378
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.7 19.6 29.4

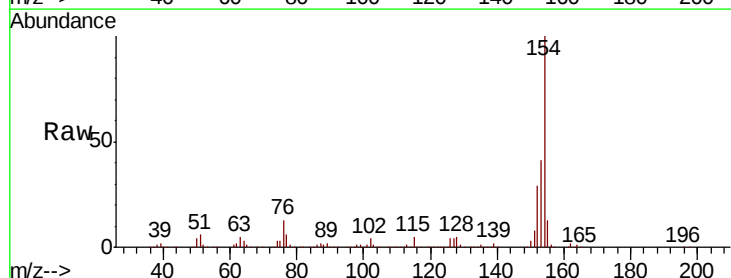


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

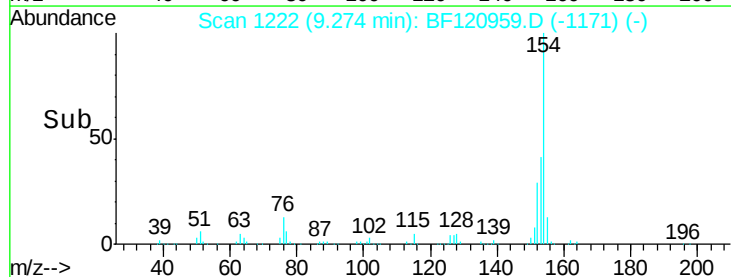
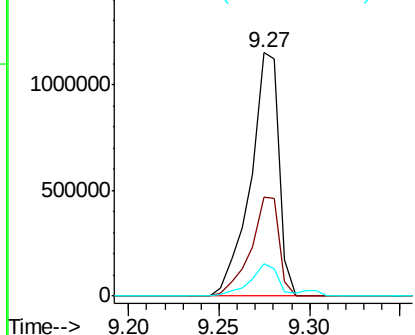


#46
 1,1'-Biphenyl
 Concen: 41.169 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:154 Resp: 1256951
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.4 60.4
 76 13.2 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

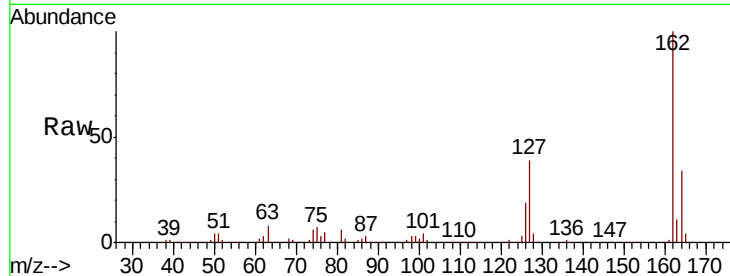




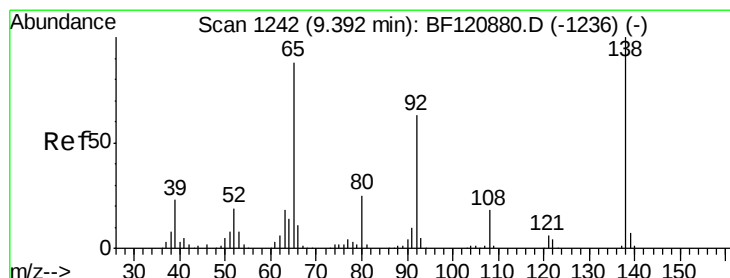
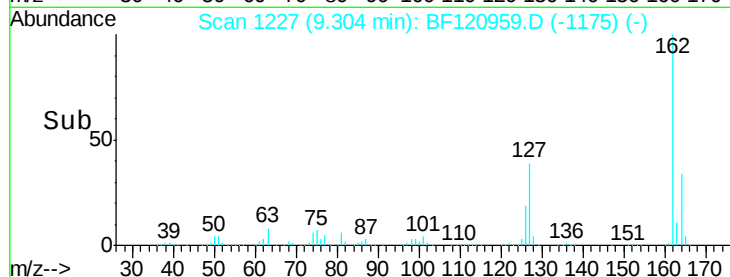
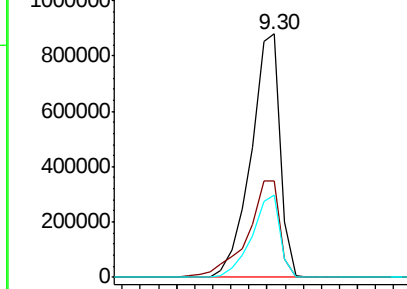
#47
 2-Chloronaphthalene
 Concen: 39.400 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.3	49.9
164	34.0	26.6	39.8

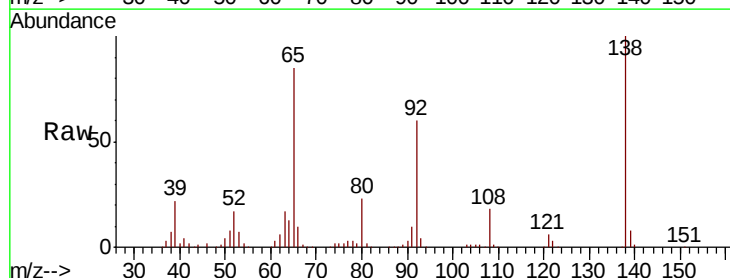


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

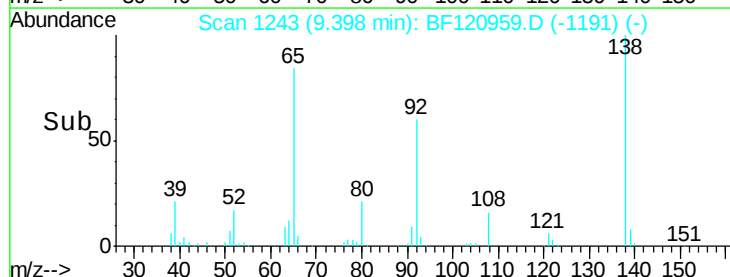
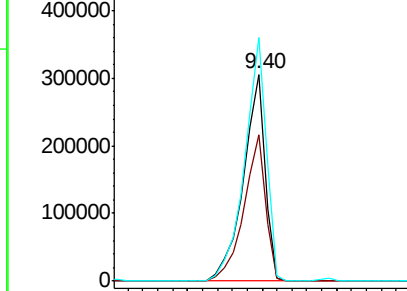


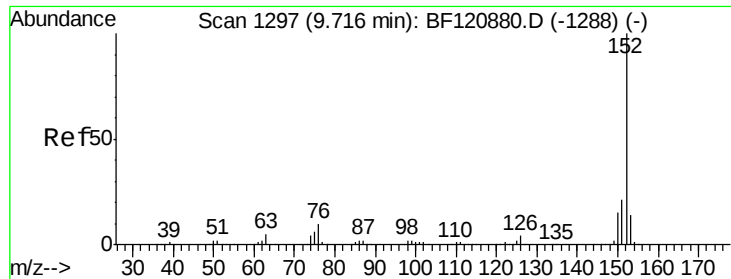
#48
 2-Nitroaniline
 Concen: 41.222 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.0	85.4
138	117.8	90.4	135.6



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: 41.124 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

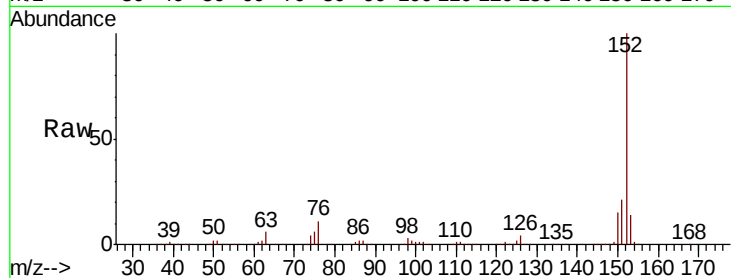
Tot Ion:152 Resp: 1590299

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

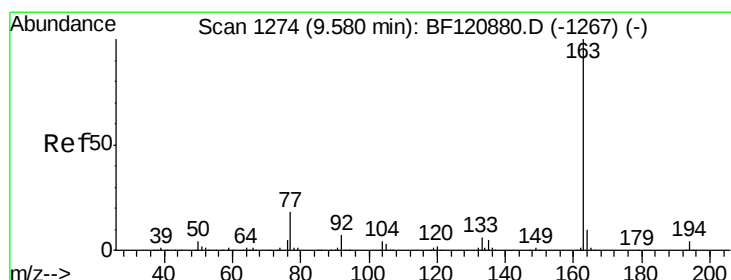
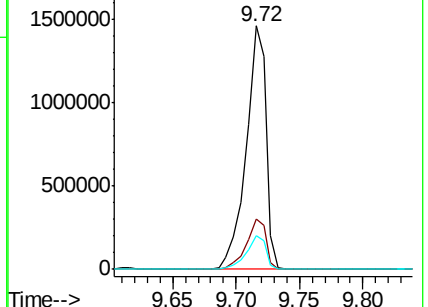
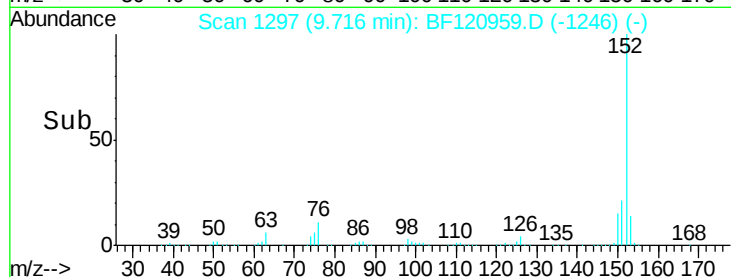
153 13.9 10.9 16.3



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: 48.411 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

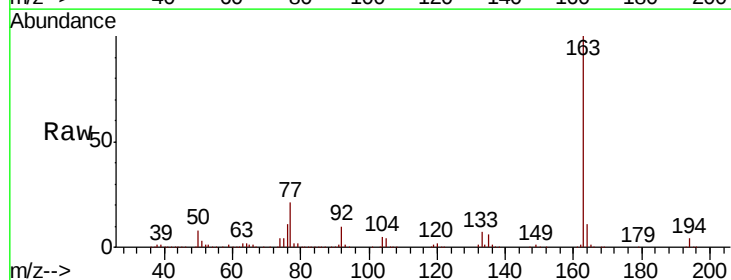
Tgt Ion:163 Resp: 1397918

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

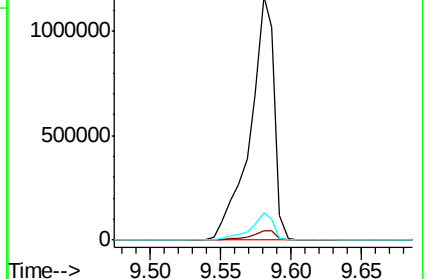
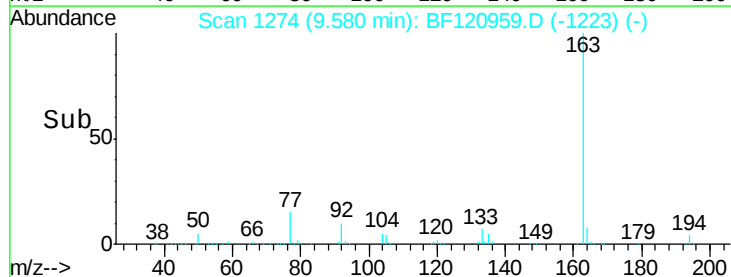
164 11.0 7.9 11.9

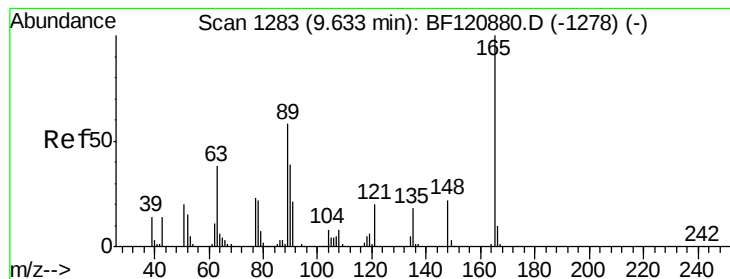


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.513 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

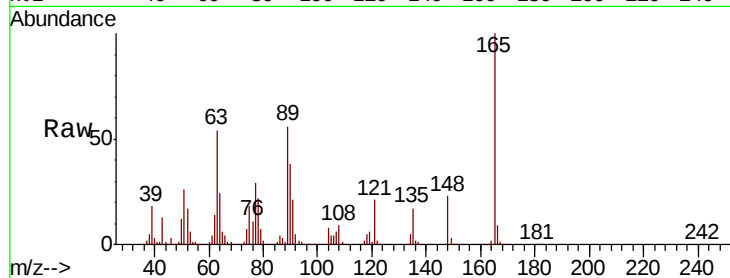
Tot Ion:165 Resp: 269945

Ion Ratio Lower Upper

165 100

63 54.3 45.4 68.2

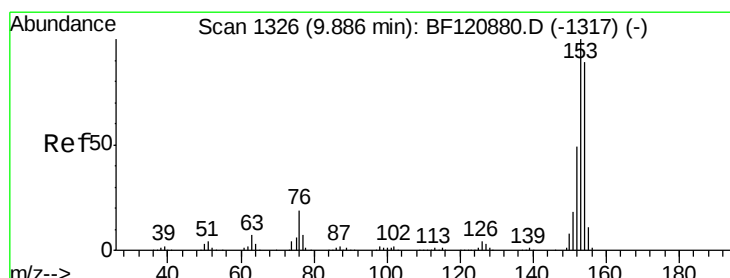
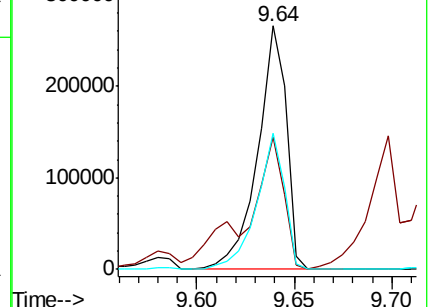
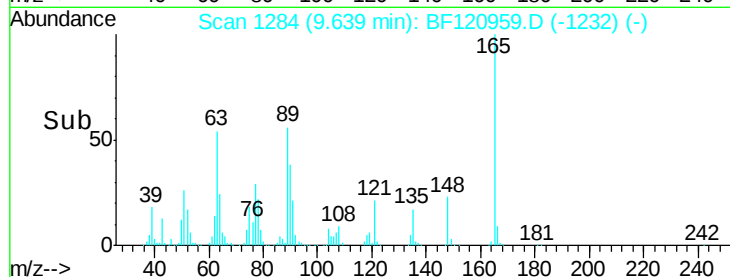
89 56.2 47.0 70.4



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: 38.481 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

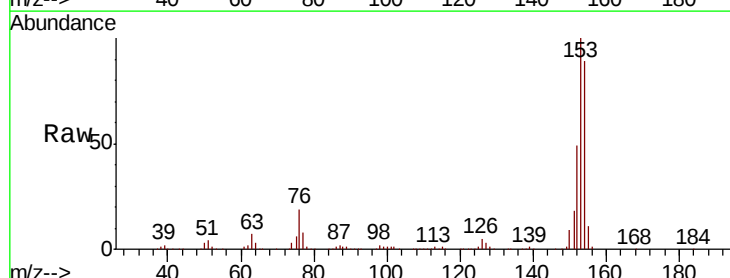
Tgt Ion:154 Resp: 946104

Ion Ratio Lower Upper

154 100

153 112.1 89.5 134.3

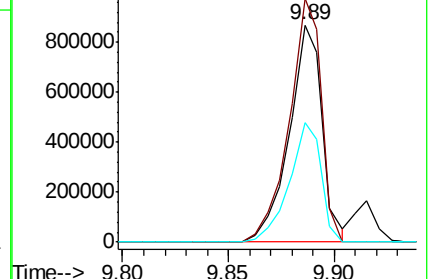
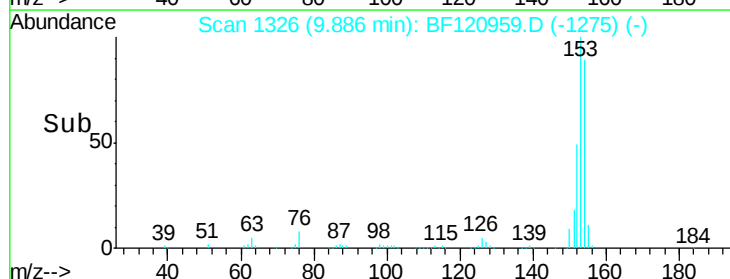
152 55.0 44.2 66.2

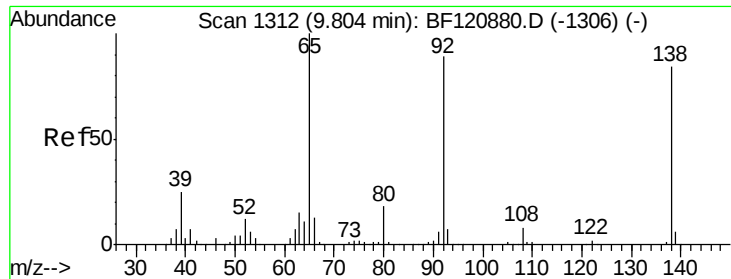


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

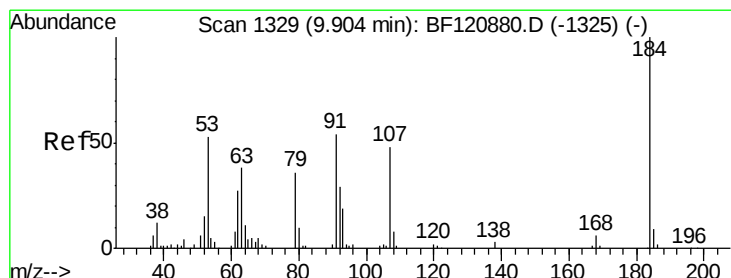
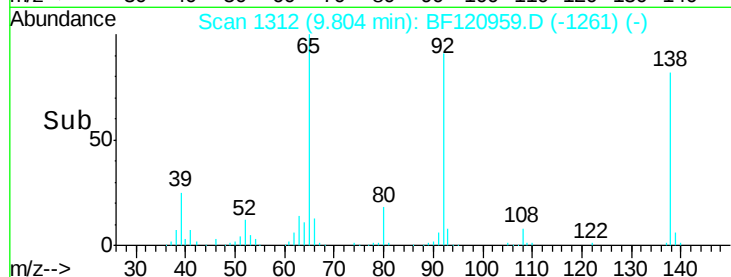
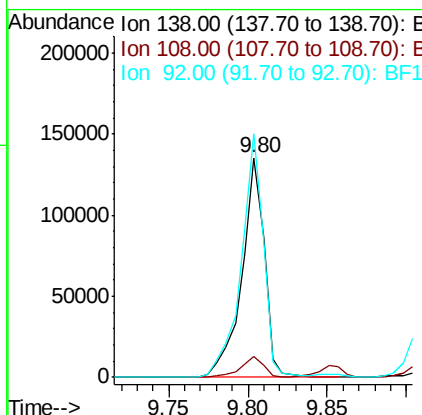
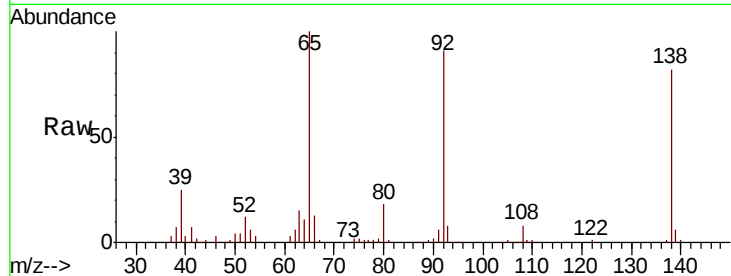




#53
3-Nitroaniline
Concen: 17.111 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

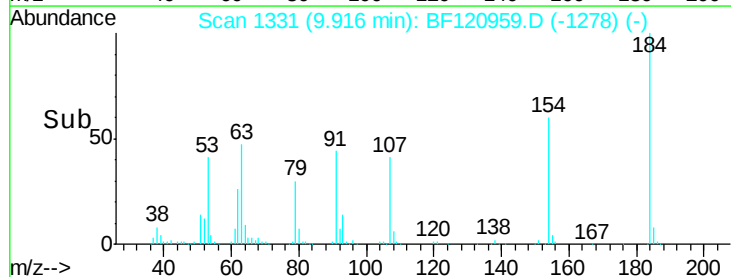
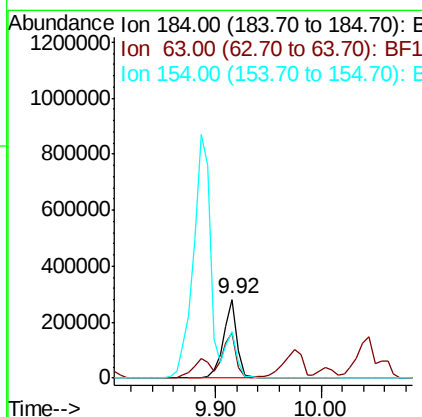
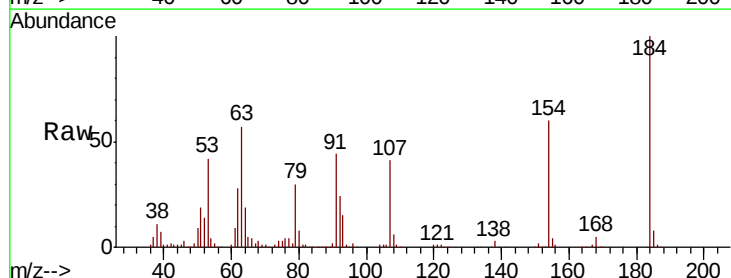
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

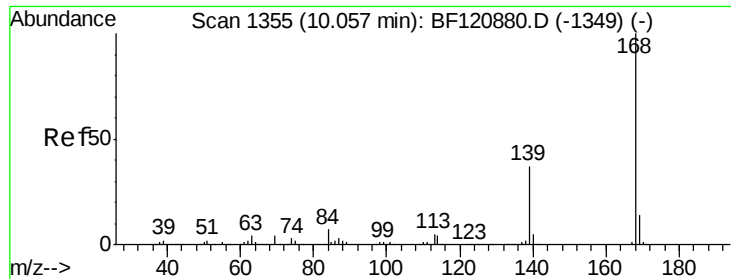
Tot Ion:138 Resp: 133133
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 110.9 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 71.790 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:184 Resp: 253617
Ion Ratio Lower Upper
184 100
63 56.7 57.9 86.9#
154 59.6 52.6 78.8

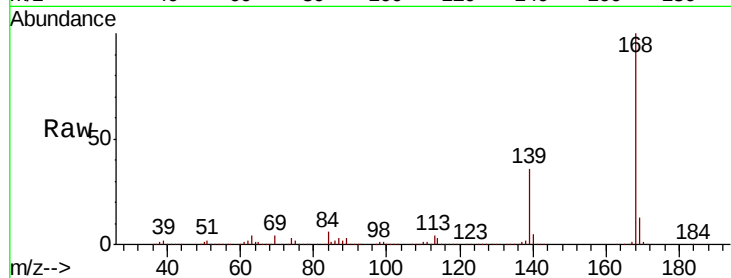




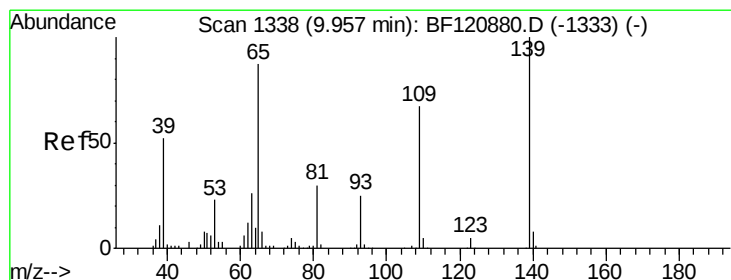
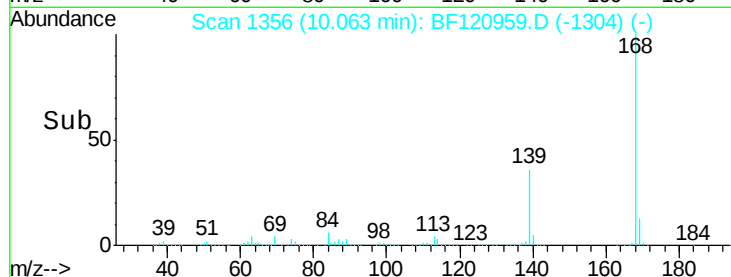
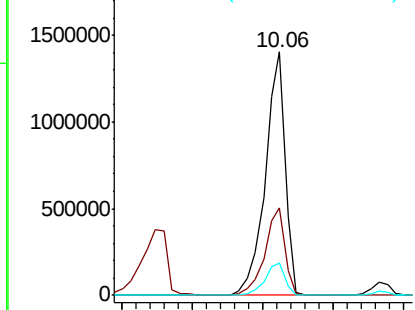
#55
Dibenzofuran
Concen: 39.286 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion:168 Resp: 1396764
Ion Ratio Lower Upper
168 100
139 36.1 29.7 44.5
169 13.4 11.1 16.7

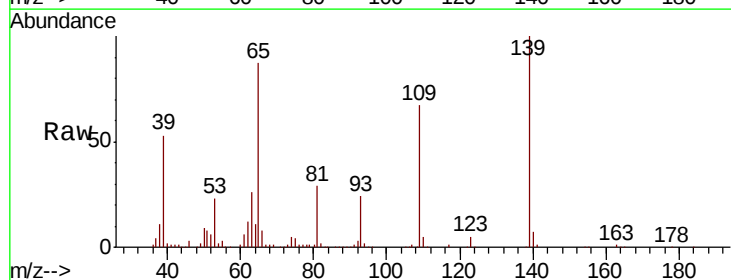


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

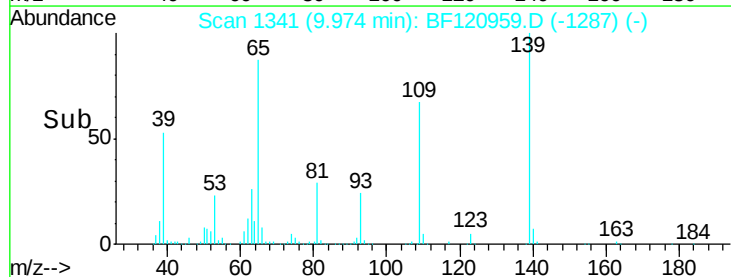
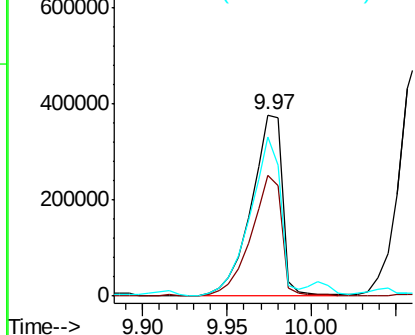


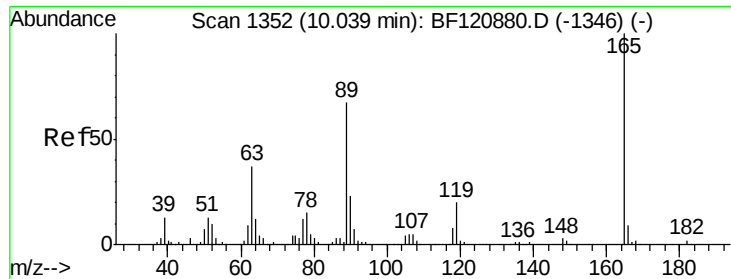
#56
4-Nitrophenol
Concen: 82.396 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:139 Resp: 486992
Ion Ratio Lower Upper
139 100
109 66.6 47.3 87.3
65 87.4 67.2 107.2



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

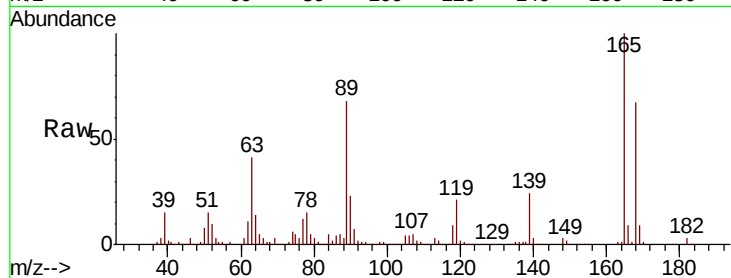




#57
2,4-Dinitrotoluene
Concen: 43.751 ng
RT: 10.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	29.4	44.2
89	68.0	53.4	80.0
182	2.5	1.8	2.6

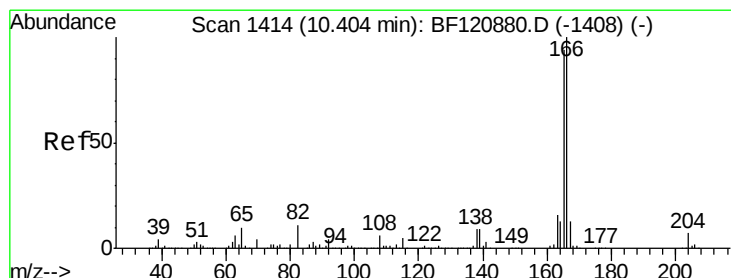
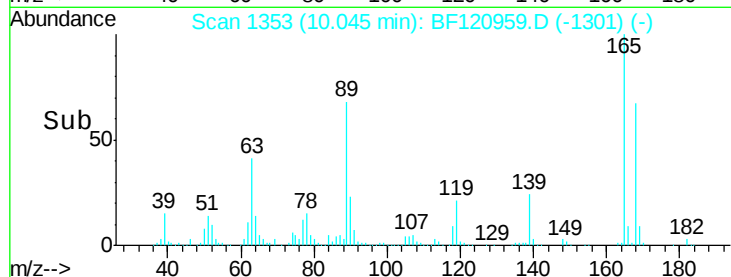
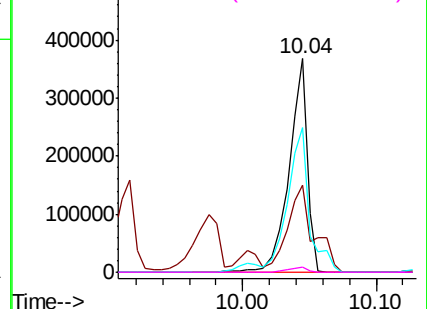


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

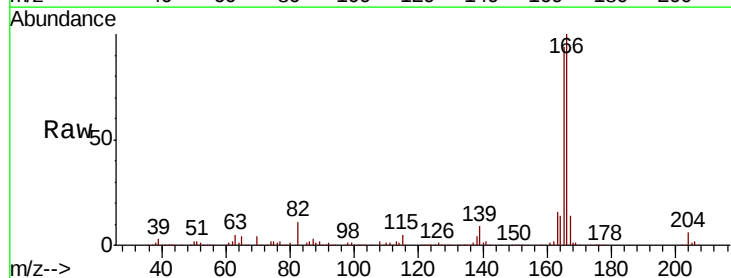
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.959 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

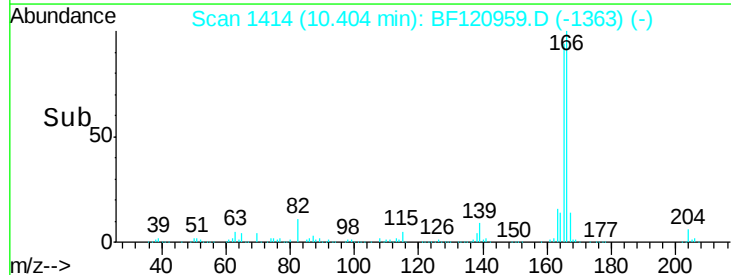
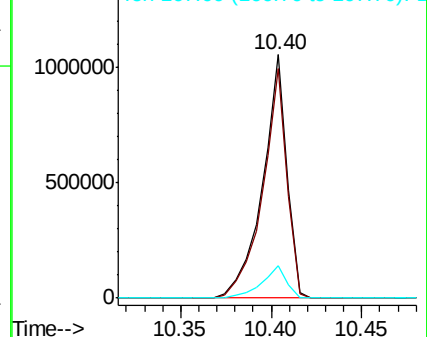
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.4	113.0
167	13.6	10.6	15.8

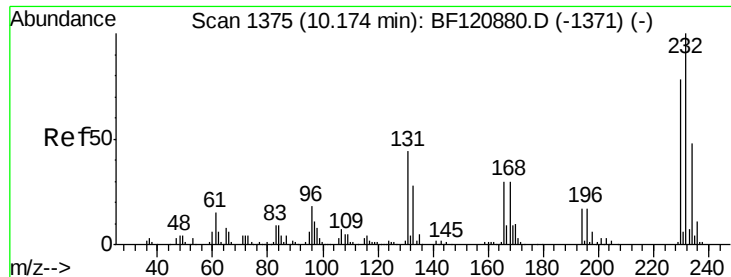


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

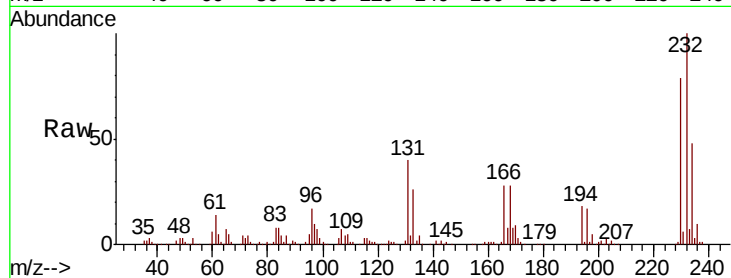




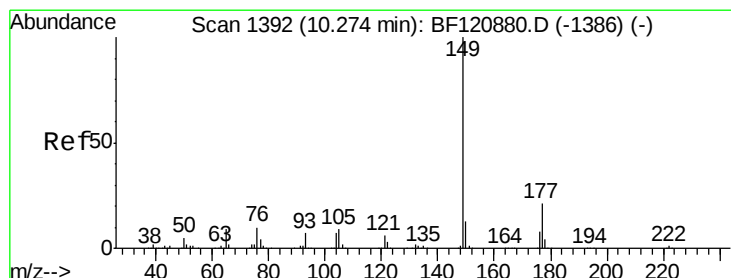
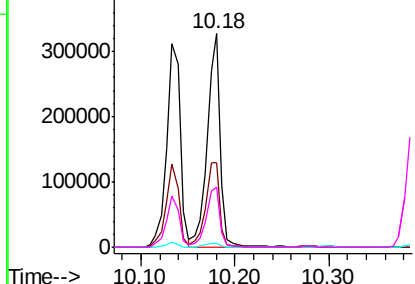
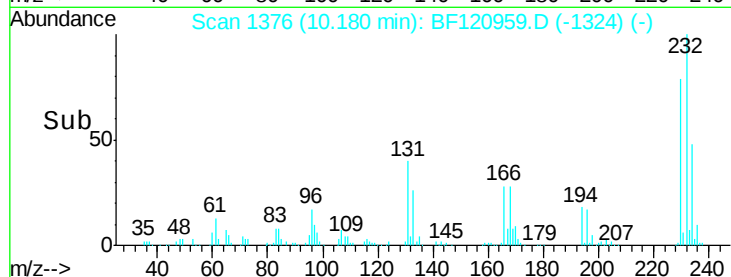
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.868 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:232 Resp: 318181
 Ion Ratio Lower Upper
 232 100
 131 42.8 37.1 55.7
 130 2.2 1.7 2.5
 166 29.7 24.2 36.4

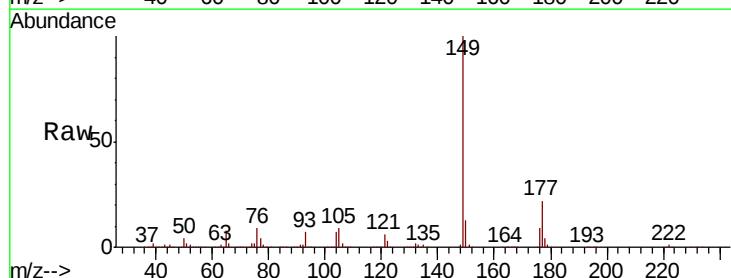


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

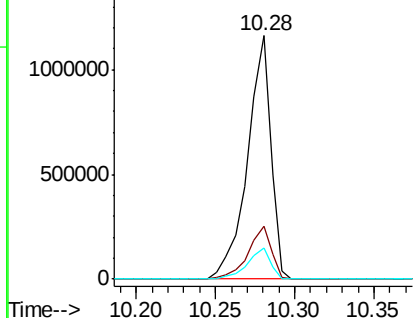
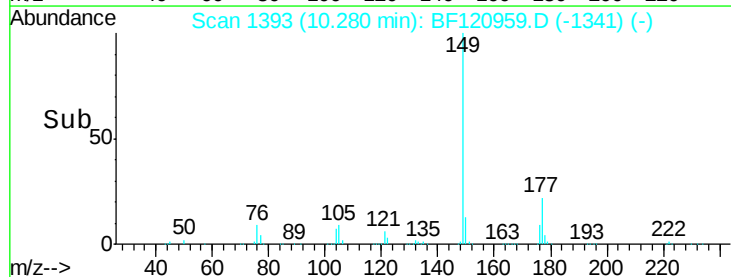


#60
 Diethylphthalate
 Concen: 40.722 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:149 Resp: 1189384
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.1 25.7
 150 12.8 10.3 15.5



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

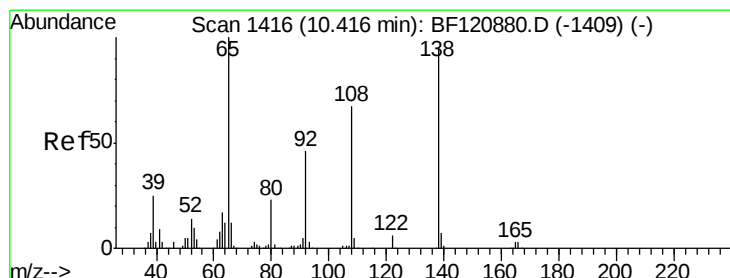
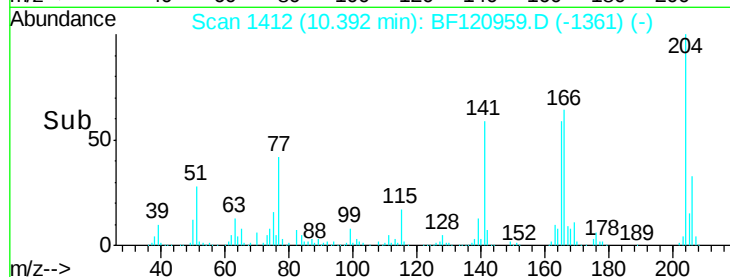
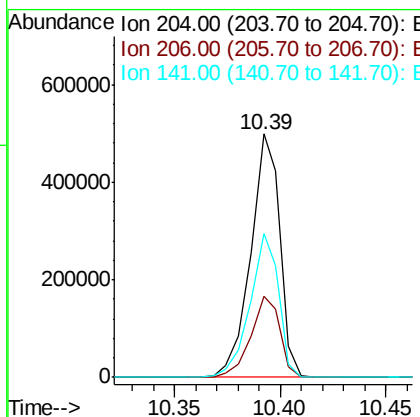
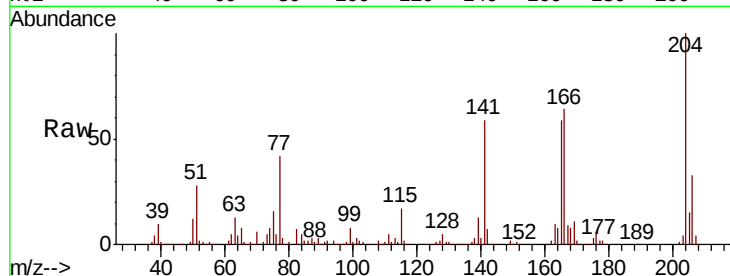




#61
4-Chlorophenyl-phenylether
Concen: 33.980 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

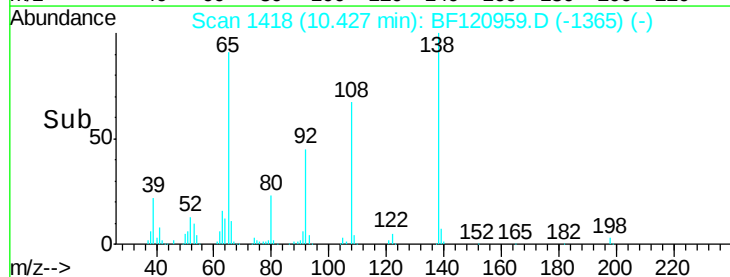
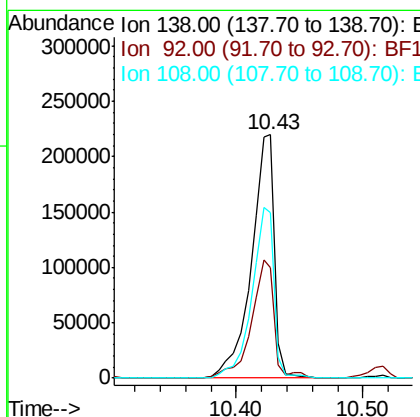
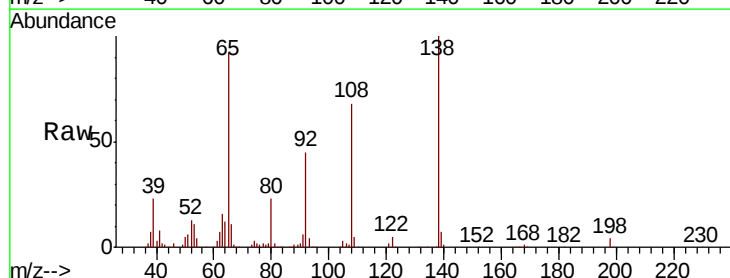
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

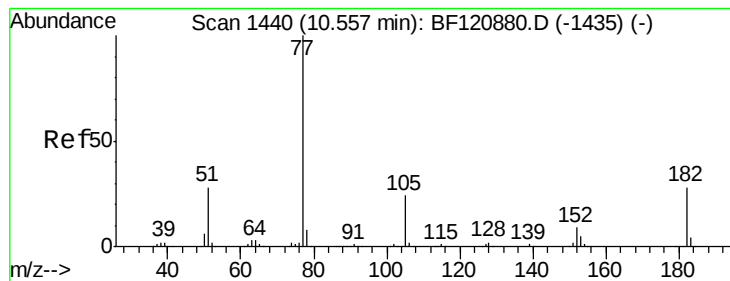
Tot Ion:204 Resp: 480598
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 58.9 47.2 70.8



#62
4-Nitroaniline
Concen: 37.073 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:138 Resp: 280984
Ion Ratio Lower Upper
138 100
92 45.3 28.6 68.6
108 67.8 51.1 91.1





#63

Azobenzene

Concen: 39.842 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

Tot Ion: 77 Resp: 1107836

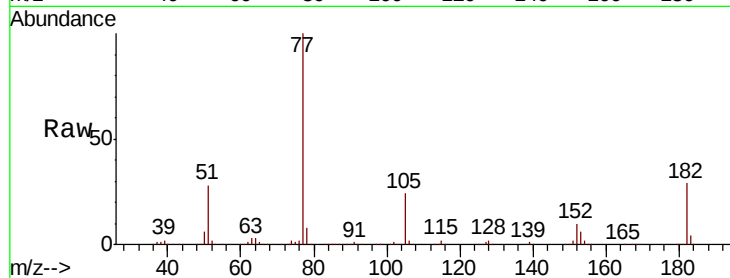
Ion Ratio Lower Upper

77 100

182 28.6 7.8 47.8

105 24.0 4.4 44.4

51 28.3 8.0 48.0

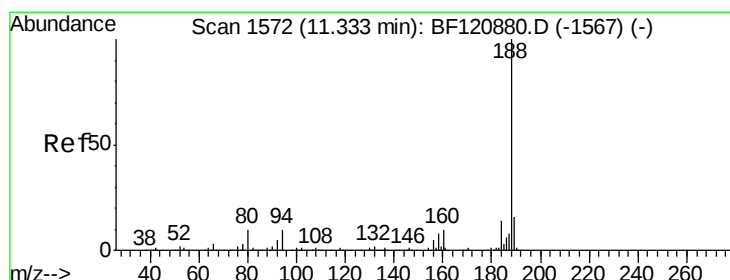
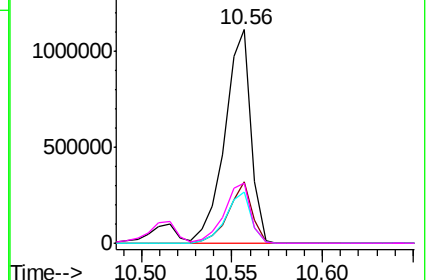
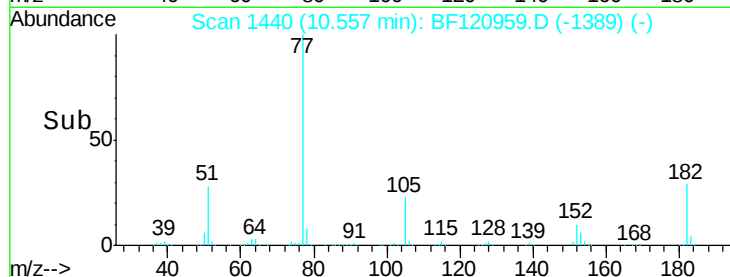


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

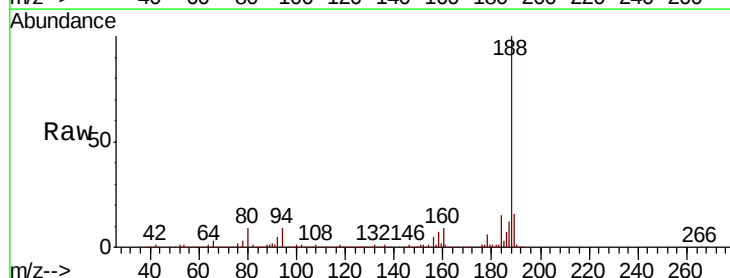
Tgt Ion: 188 Resp: 756634

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

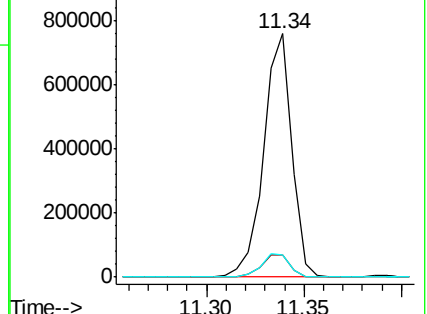
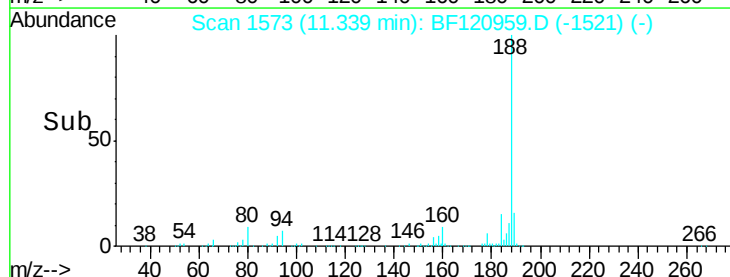
80 9.3 8.3 12.5

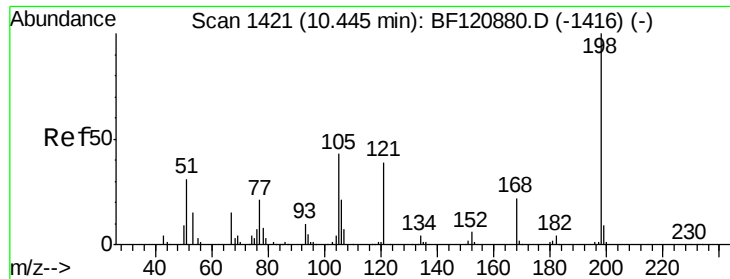


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

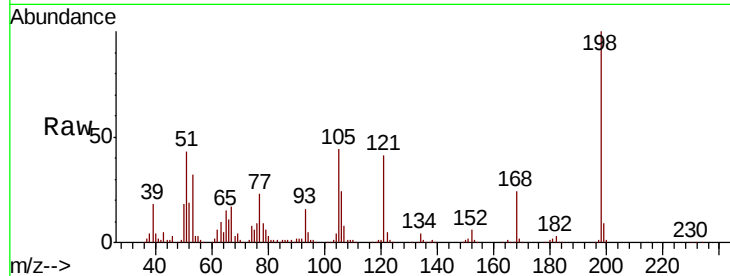




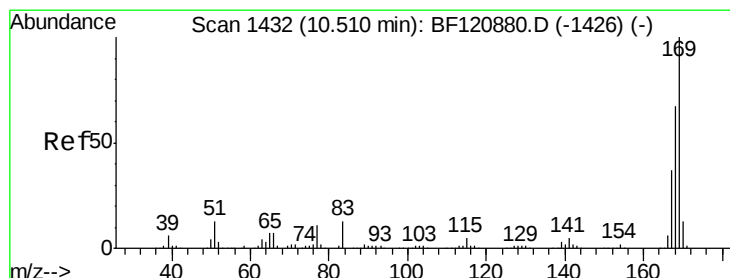
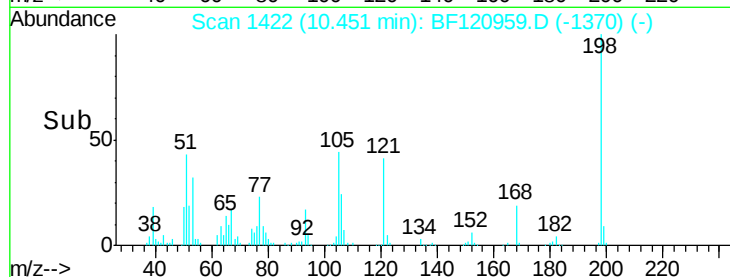
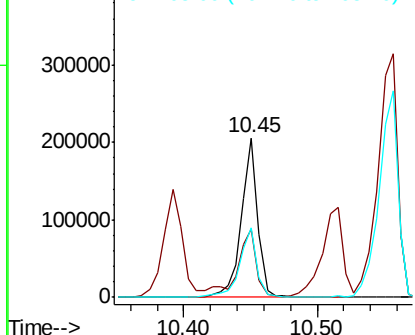
#65
4,6-Dinitro-2-methylphenol
Concen: 41.164 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion:198 Resp: 177657
Ion Ratio Lower Upper
198 100
51 42.7 19.5 59.5
105 43.9 24.4 64.4

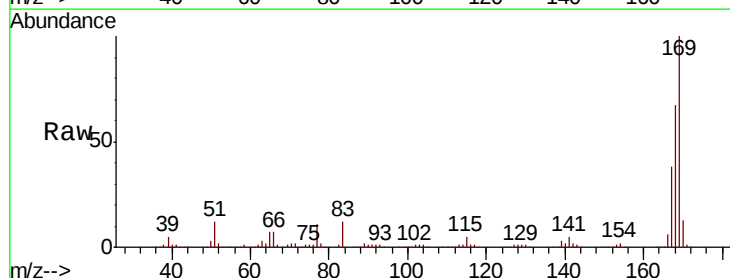


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

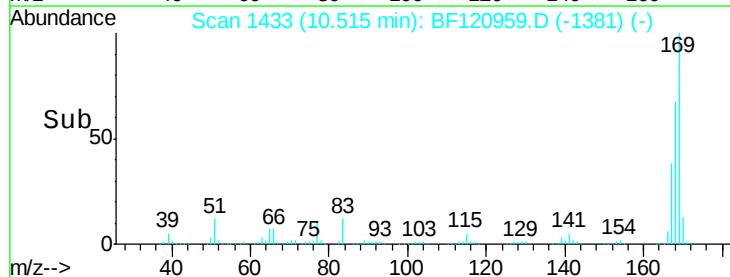
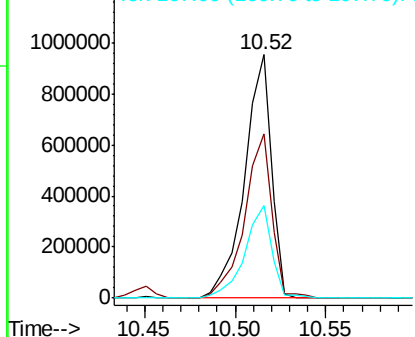


#66
n-Nitrosodiphenylamine
Concen: 41.307 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:169 Resp: 983198
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 37.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

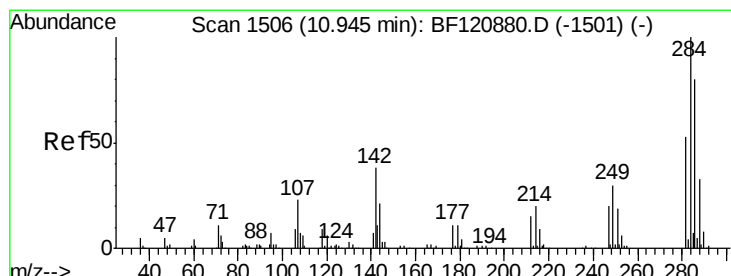
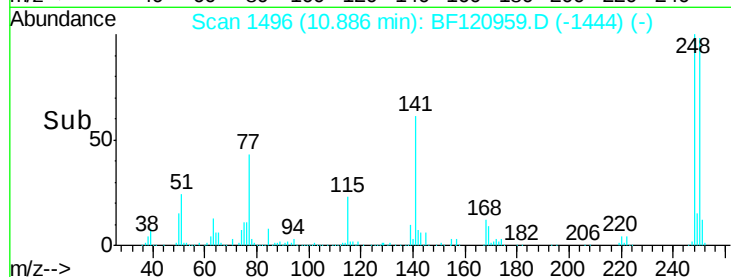
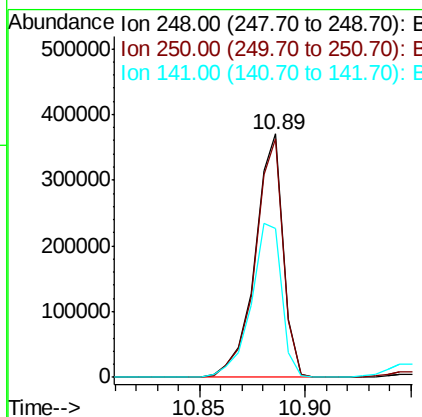
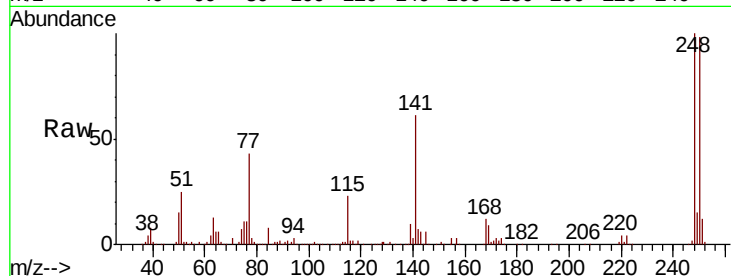




#67
 4-Bromophenyl-phenylether
 Concen: 40.668 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

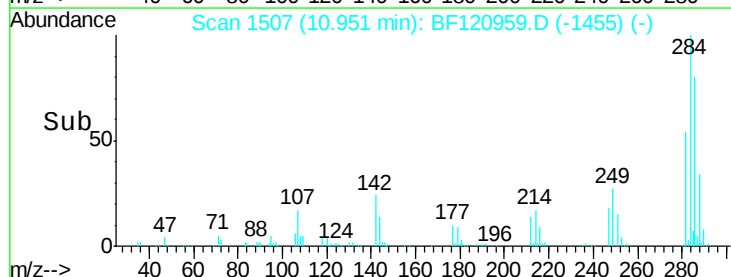
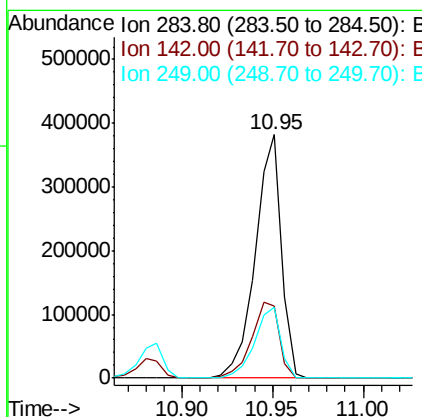
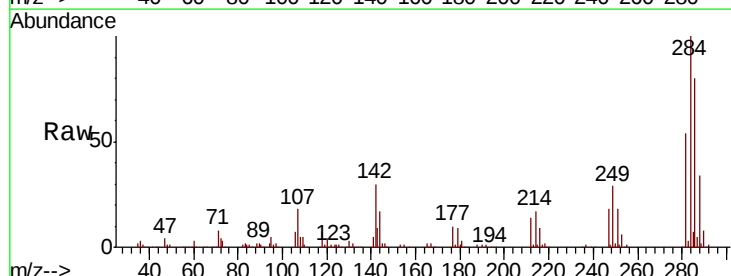
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

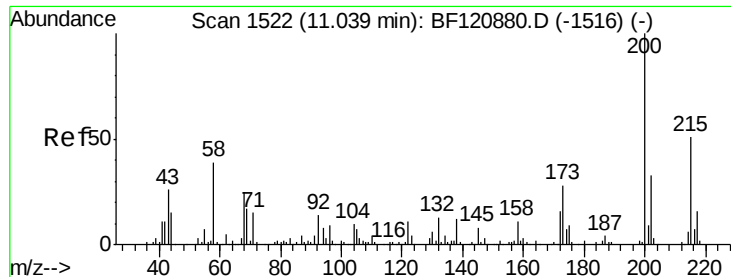
Tot Ion:248 Resp: 343072
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 61.3 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 41.651 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:284 Resp: 380081
 Ion Ratio Lower Upper
 284 100
 142 29.8 30.2 45.2#
 249 29.1 24.2 36.2

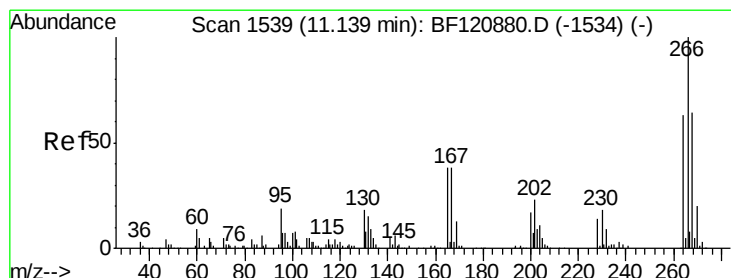
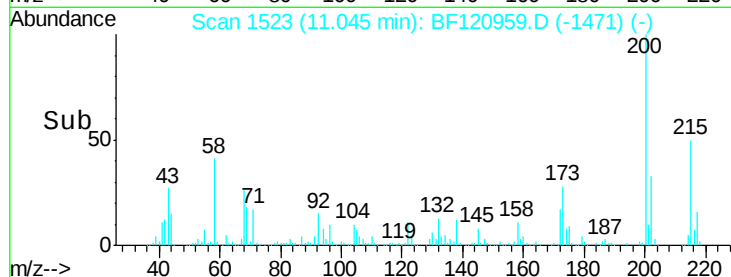
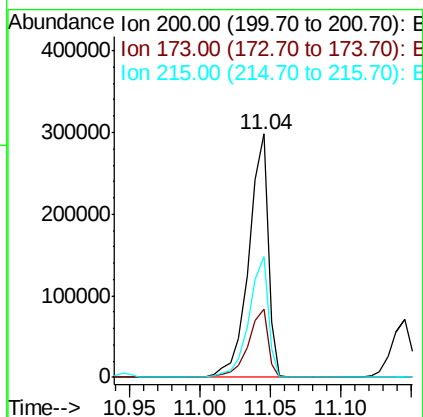
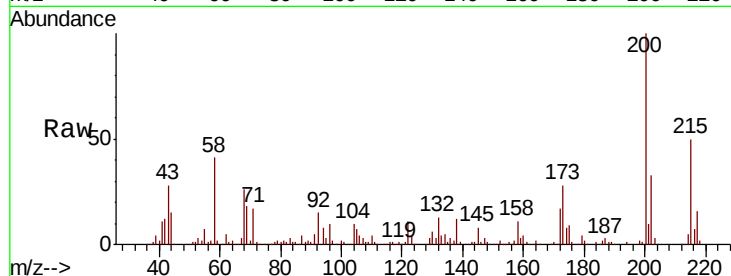




#69
 Atrazine
 Concen: 48.912 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

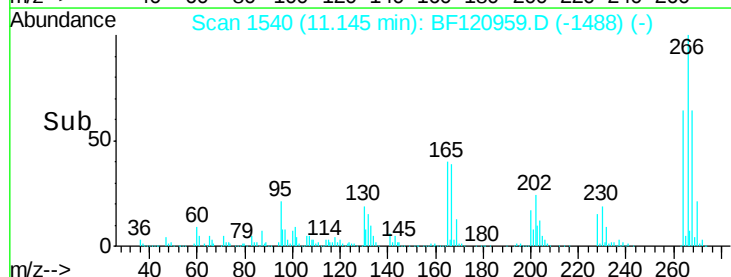
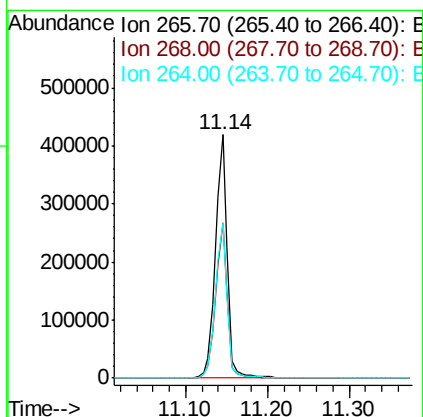
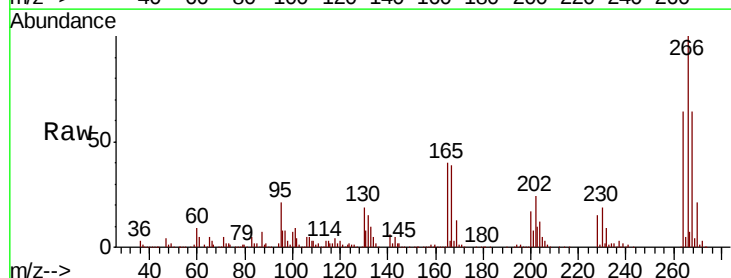
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

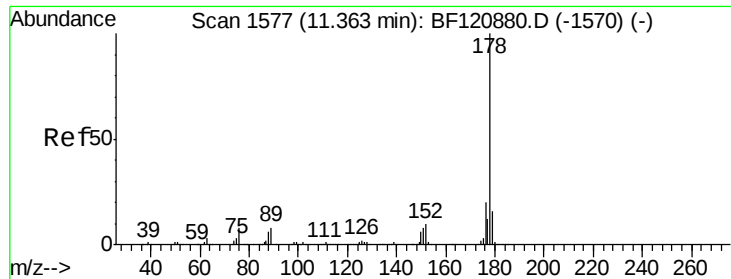
Tot Ion:200 Resp: 288323
 Ion Ratio Lower Upper
 200 100
 173 27.9 8.0 48.0
 215 49.8 31.5 71.5



#70
 Pentachlorophenol
 Concen: 81.896 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:266 Resp: 428139
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 63.6 50.2 75.2

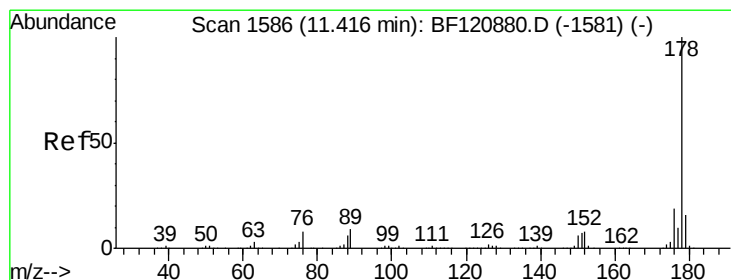
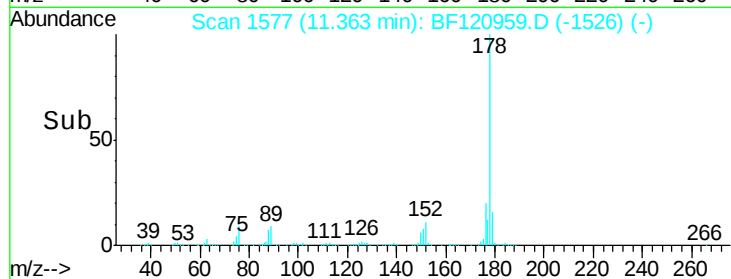
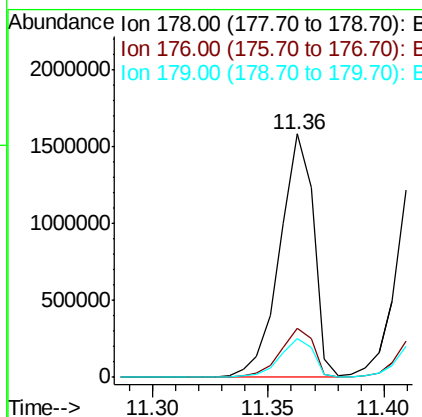
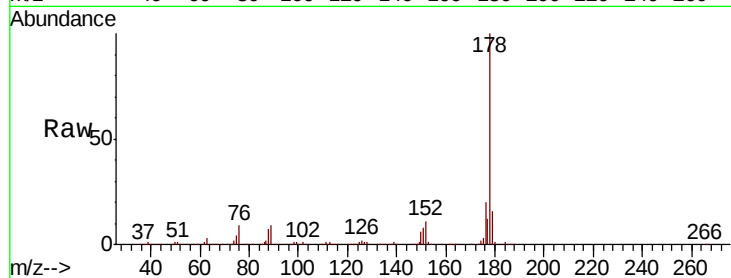




#71
Phenanthrene
Concen: 41.162 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

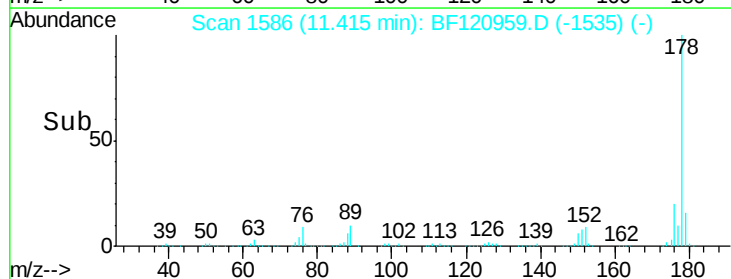
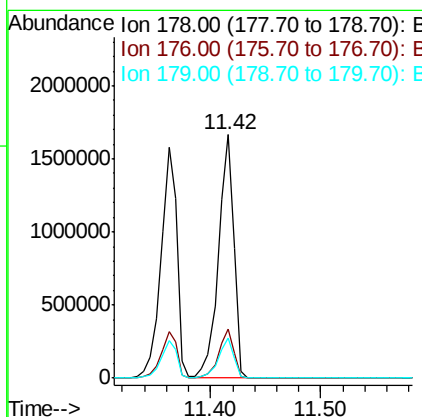
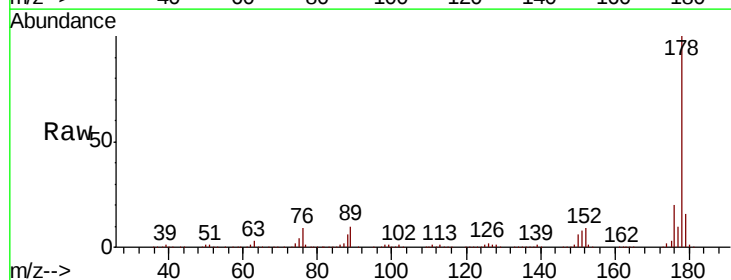
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion:178 Resp: 1601770
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.1 12.8 19.2



#72
Anthracene
Concen: 41.348 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:178 Resp: 1615677
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.3 12.8 19.2





#73

Carbazole

Concen: 38.683 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

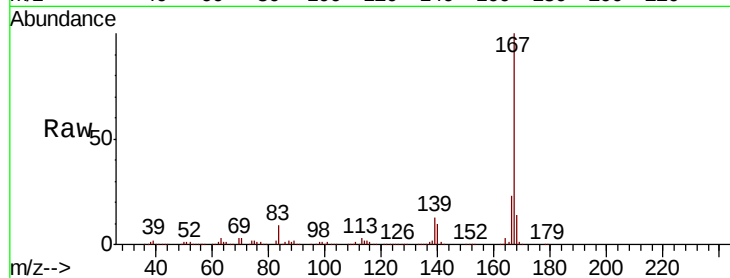
Tot Ion:167 Resp: 1500077

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

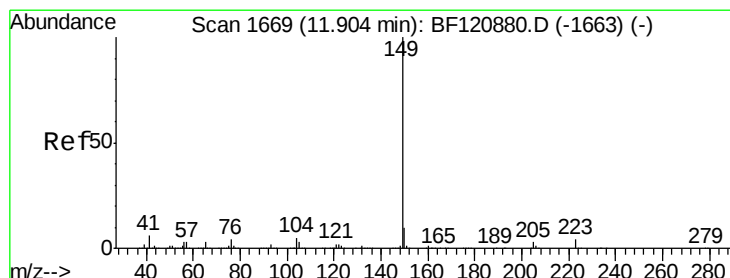
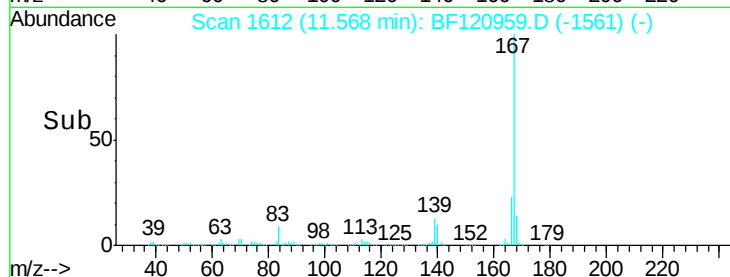
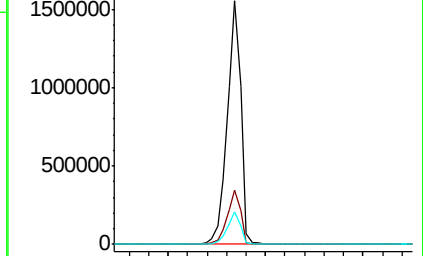
139 13.2 10.1 15.1



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: 41.276 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

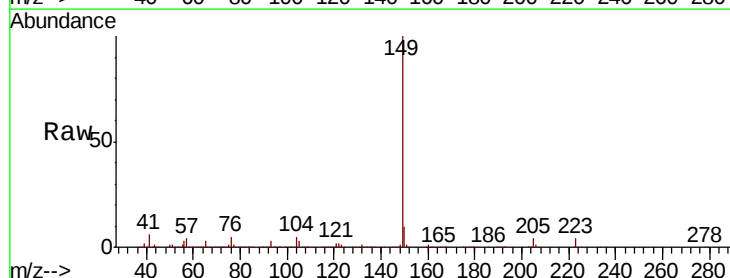
Tgt Ion:149 Resp: 1847130

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

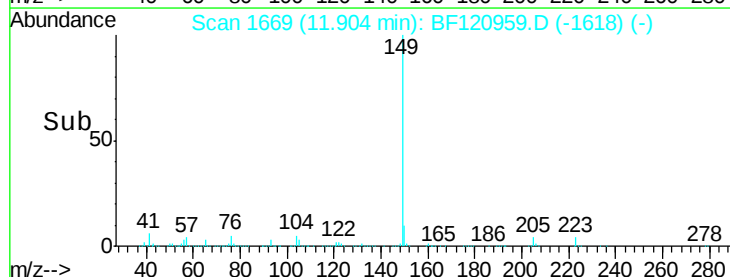
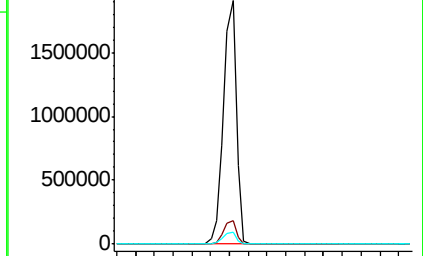
104 4.9 3.8 5.6

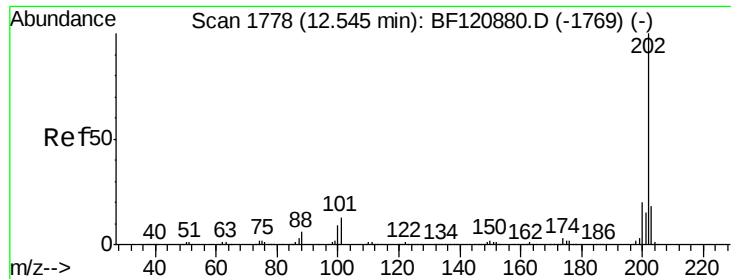


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.357 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

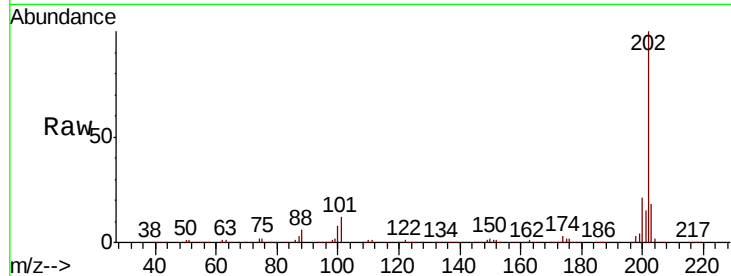
Tot Ion:202 Resp: 1783860

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.7

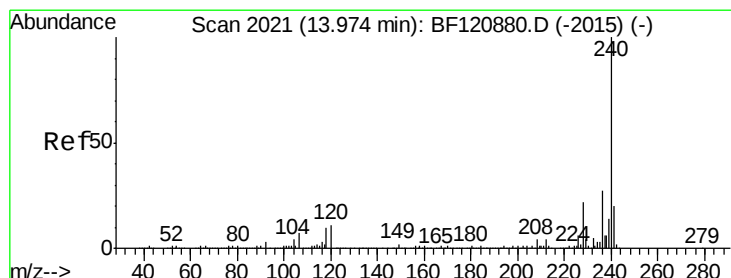
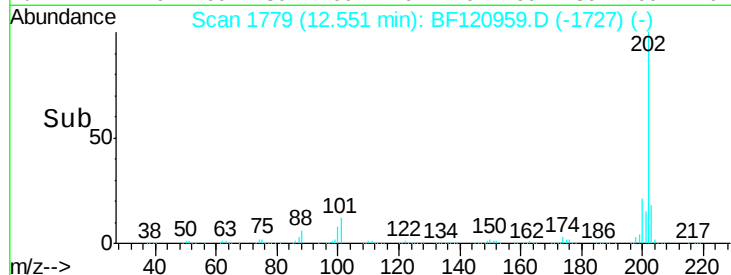
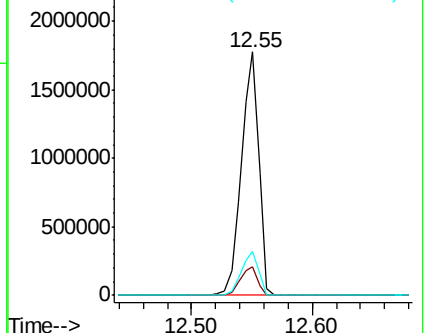
203 18.1 0.0 38.0



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: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

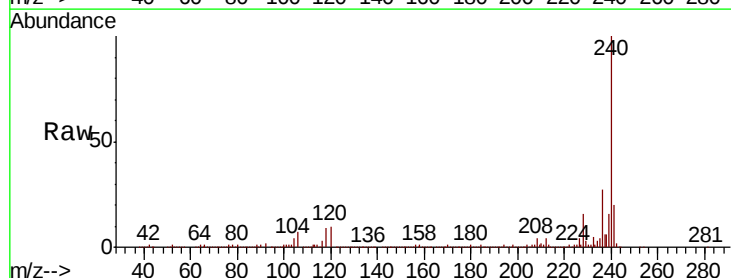
Tgt Ion:240 Resp: 555422

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

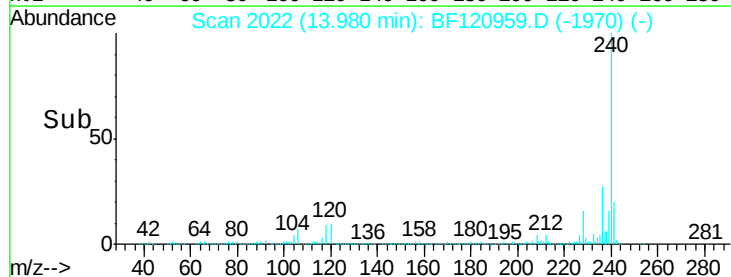
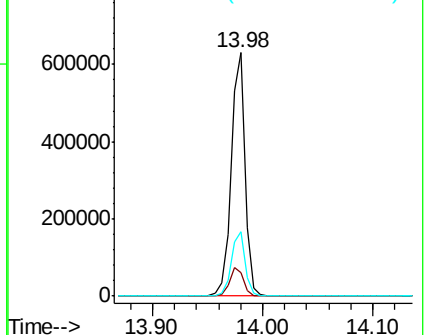
236 26.7 21.7 32.5

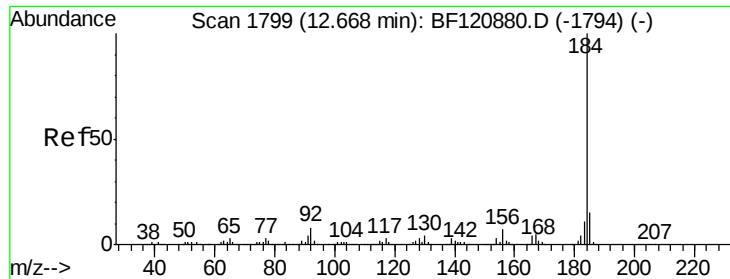


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.800 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

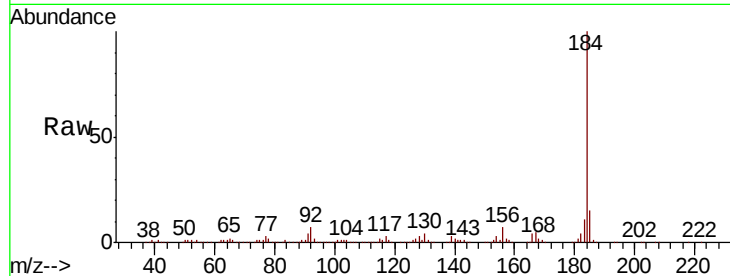
Tot Ion:184 Resp: 902468

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

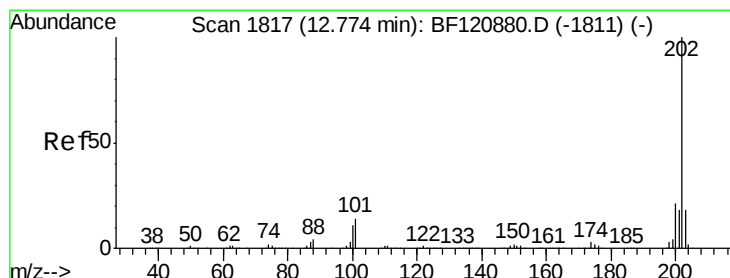
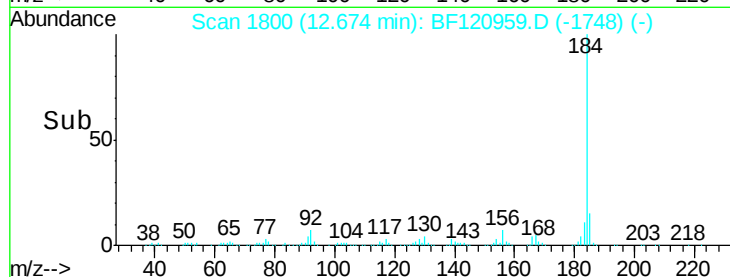
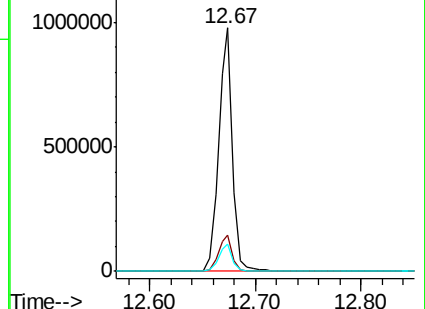
183 11.2 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.221 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

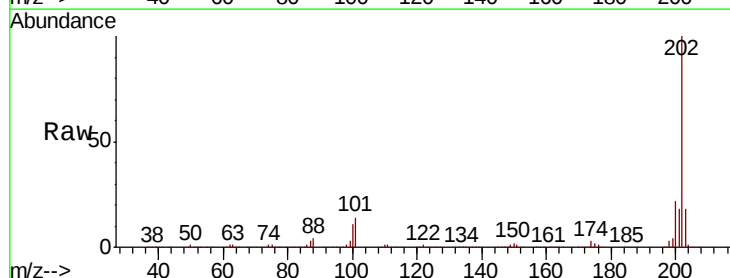
Tgt Ion:202 Resp: 1815029

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

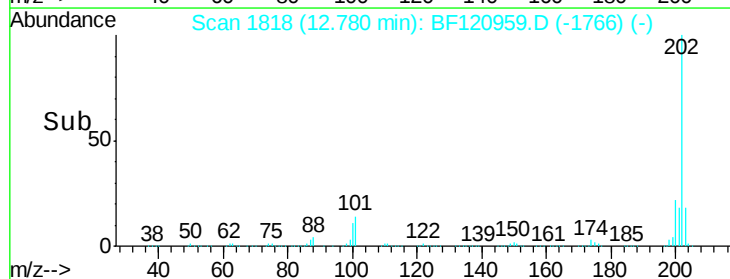
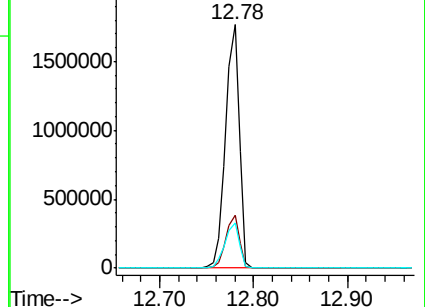
203 18.3 14.4 21.6



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: 63.639 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

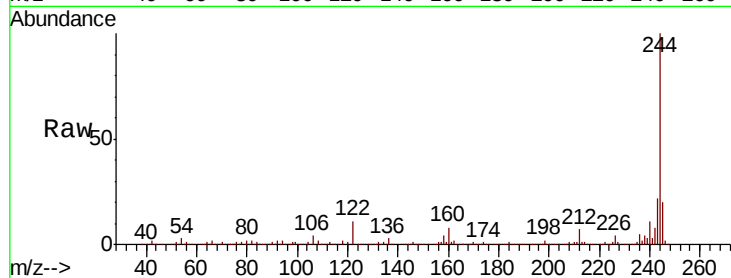
Tot Ion:244 Resp: 1626042

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

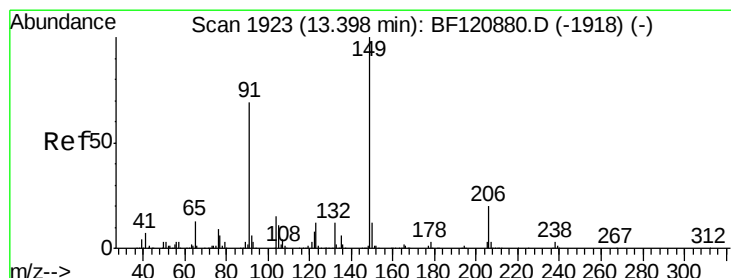
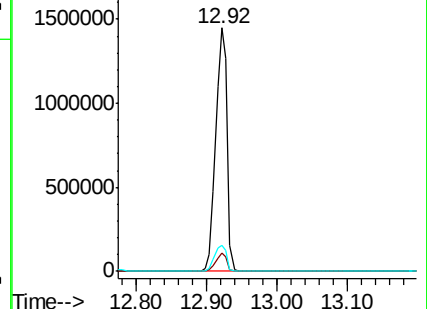
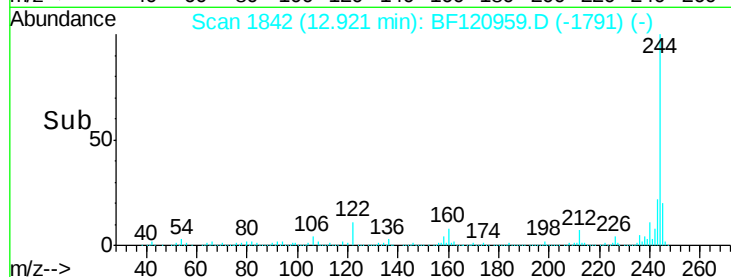
122 10.9 8.9 13.3



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: 47.539 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

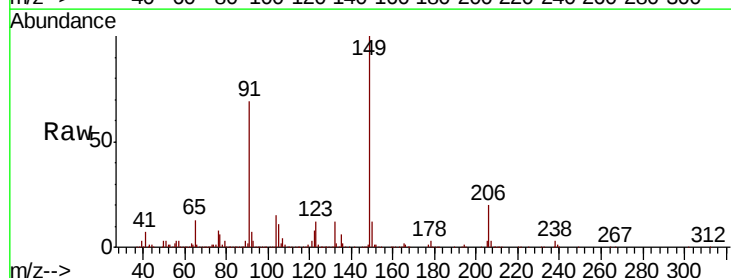
Tgt Ion:149 Resp: 832193

Ion Ratio Lower Upper

149 100

91 69.5 55.1 82.7

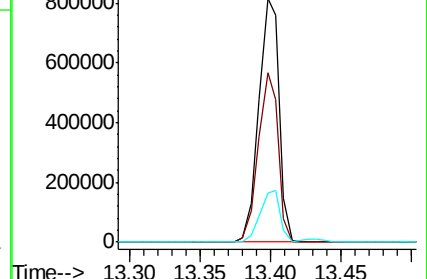
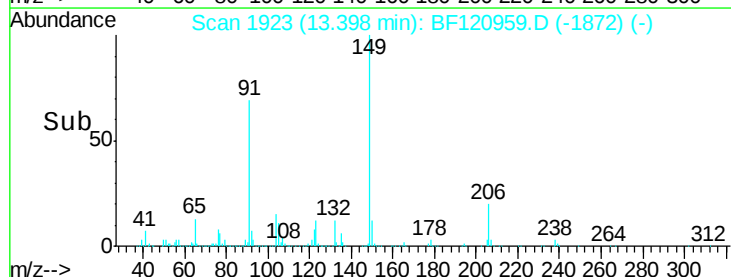
206 20.1 16.1 24.1



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: 40.231 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMS

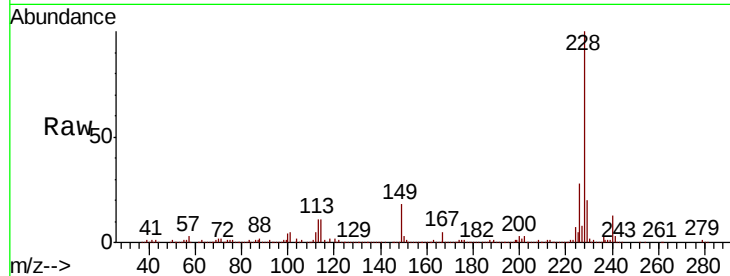
Tot Ion:228 Resp: 1353115

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

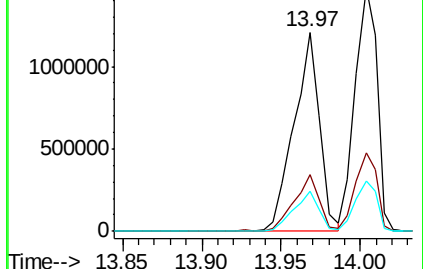
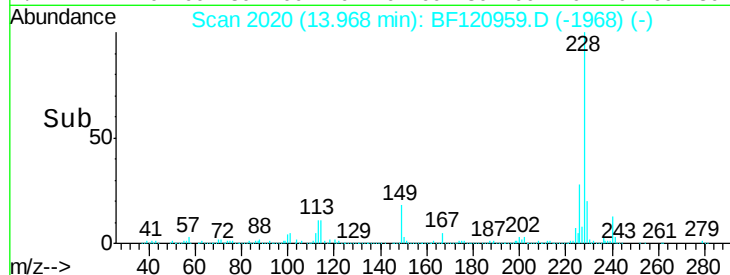
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.822 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF120959.D

Acq: 21 Jul 2020 17:48

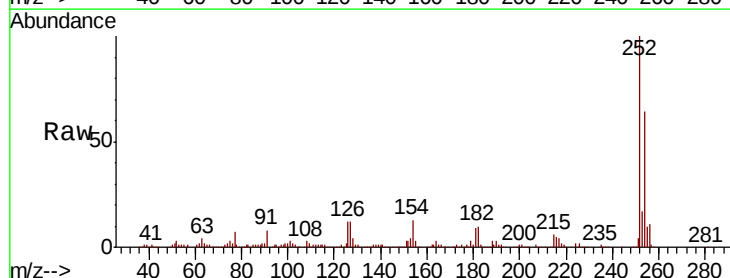
Tgt Ion:252 Resp: 365726

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

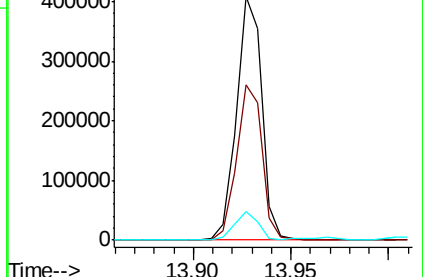
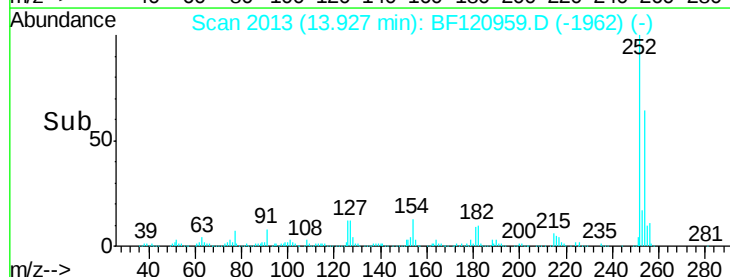
126 12.0 8.7 13.1

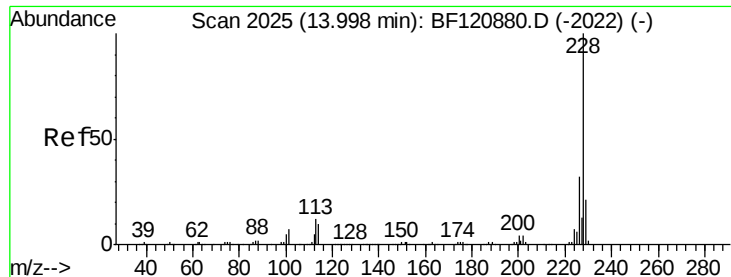


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

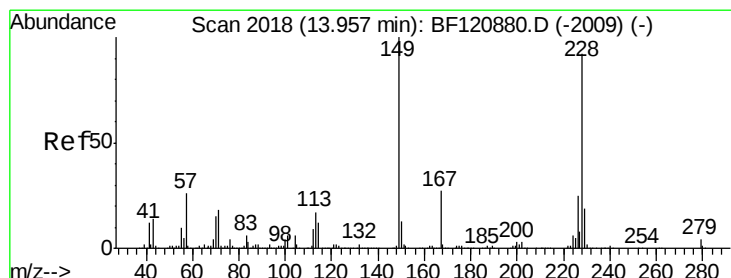
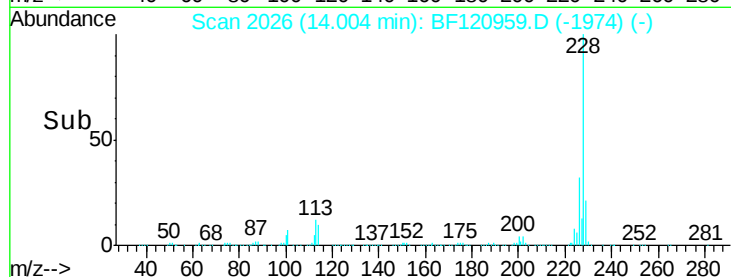
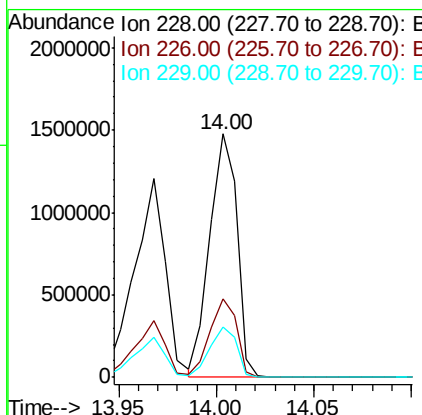
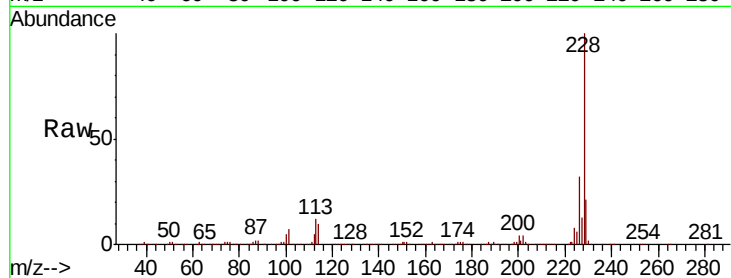




#83
 Chrvsene
 Concen: 40.612 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

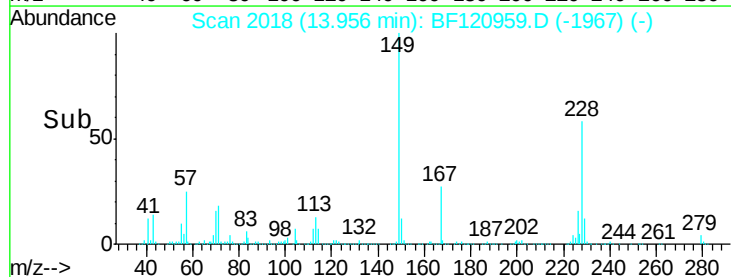
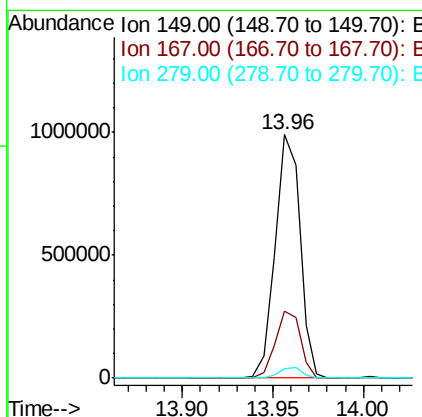
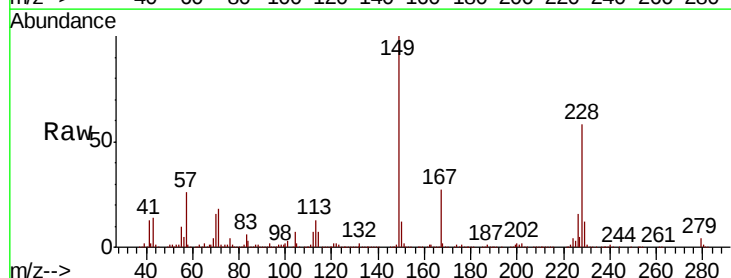
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

Tot Ion:228 Resp: 1435461
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.6 38.4
 229 20.9 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.876 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:149 Resp: 947119
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.9 32.9
 279 3.7 3.0 4.4

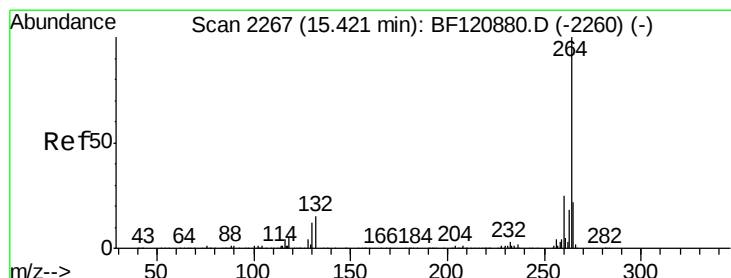
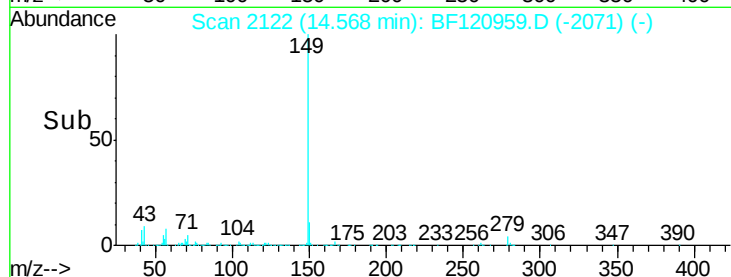
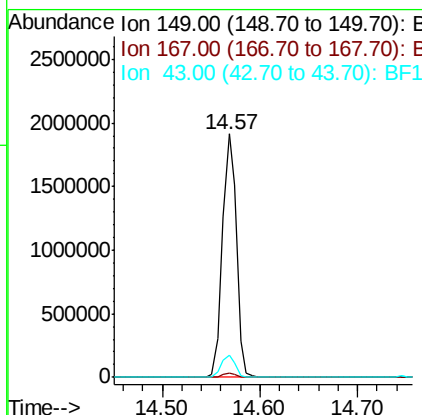
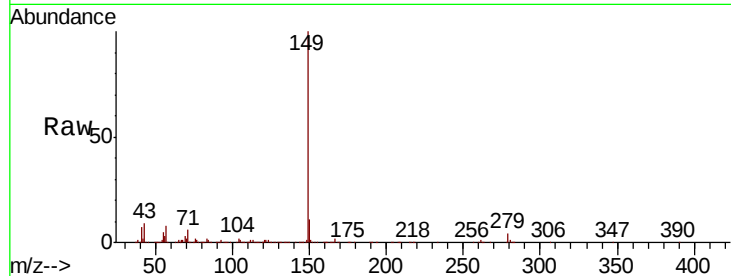




#85
Di-n-octyl phthalate
Concen: 44.144 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

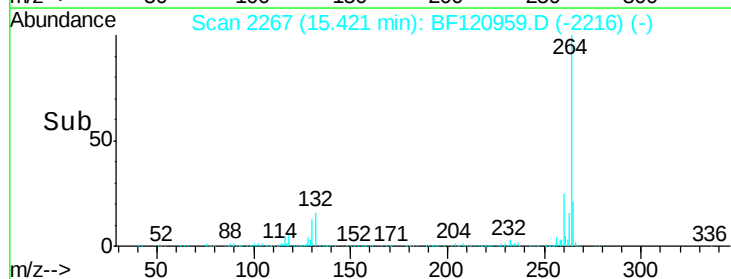
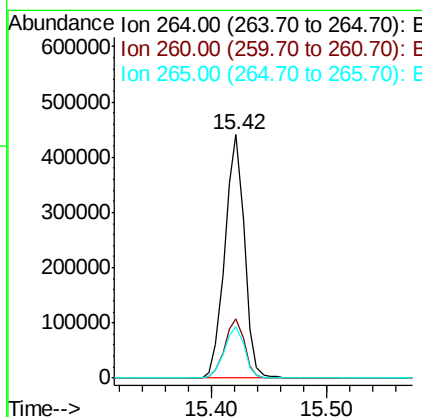
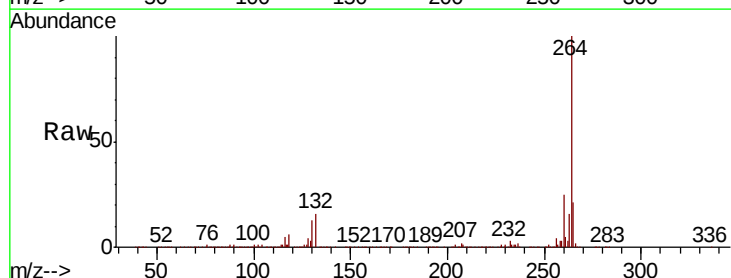
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

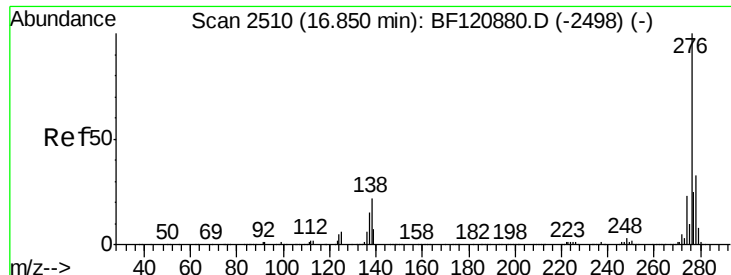
Tot Ion:149 Resp: 1895790
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:264 Resp: 518276
Ion Ratio Lower Upper
264 100
260 24.6 20.0 30.0
265 21.4 17.4 26.2

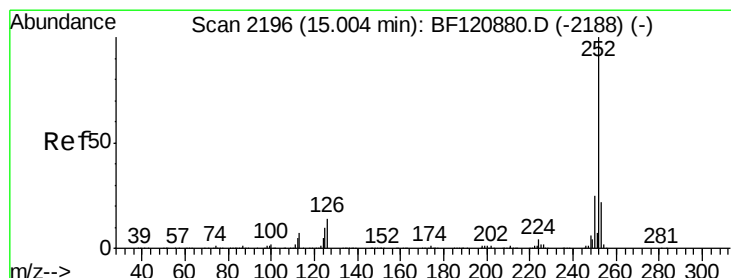
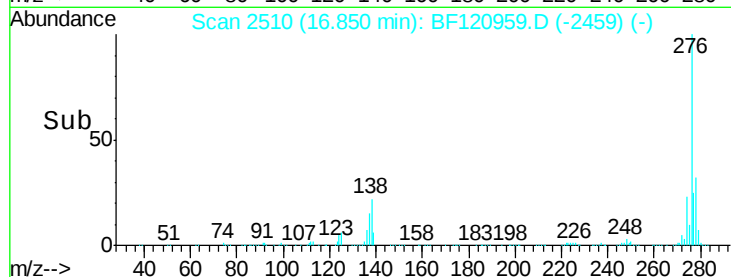
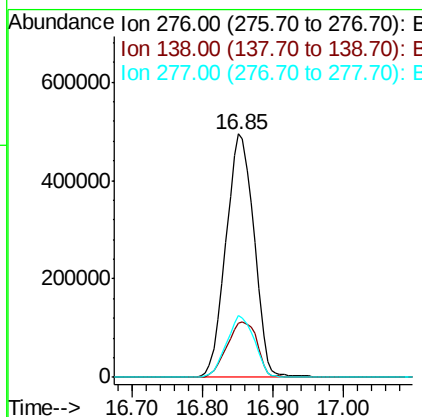
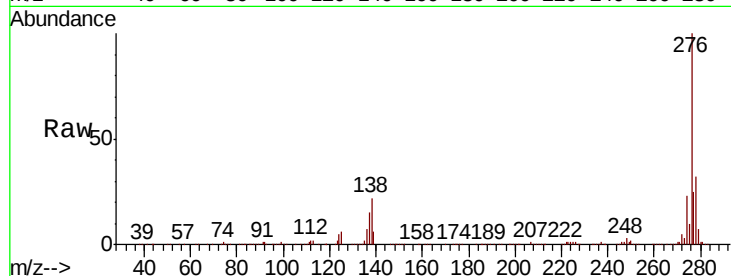




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.015 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

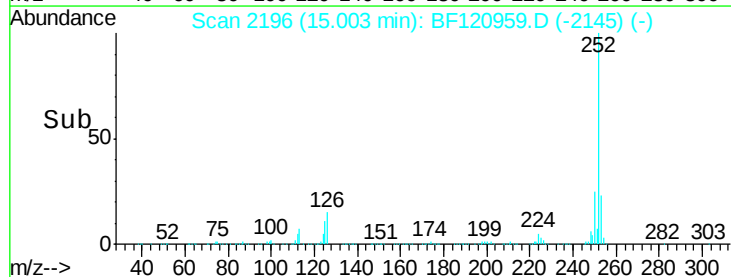
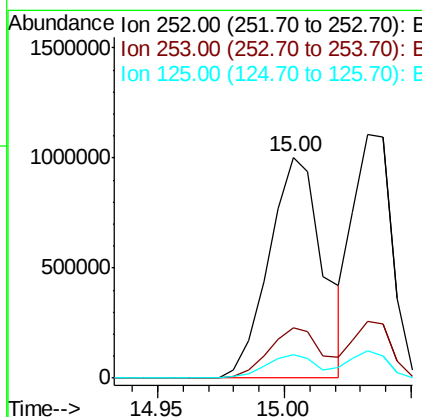
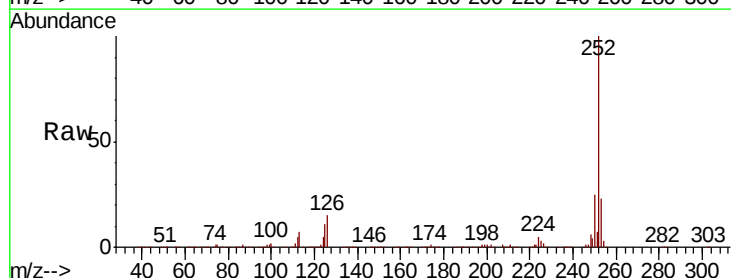
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMS

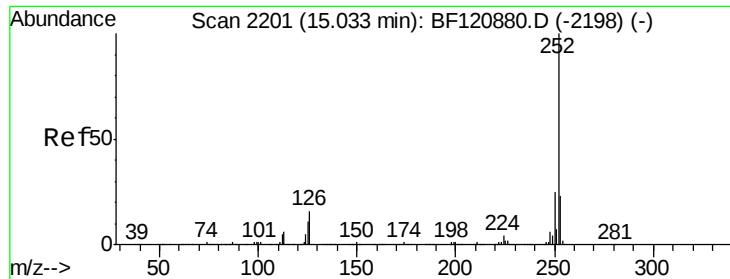
Tot Ion:276 Resp: 1370219
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.8 29.8
 277 25.5 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.795 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF120959.D
 Acq: 21 Jul 2020 17:48

Tgt Ion:252 Resp: 1497310
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.8 8.3 12.5

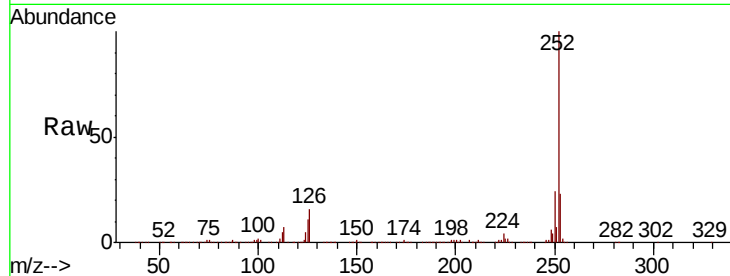




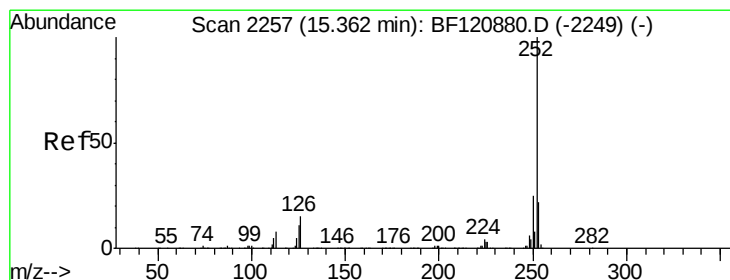
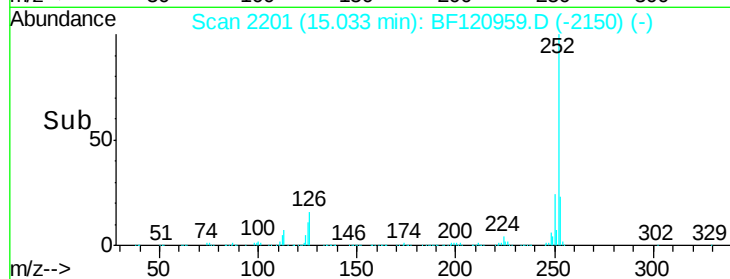
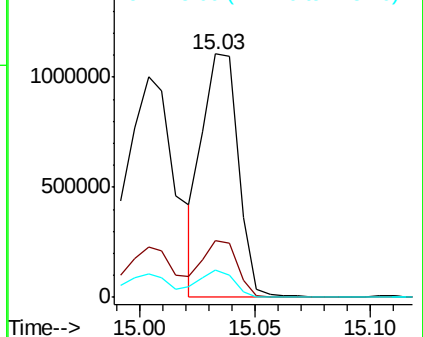
#89
Benzo(k)fluoranthene
Concen: 41.563 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion:252 Resp: 1187502
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 11.1 8.4 12.6

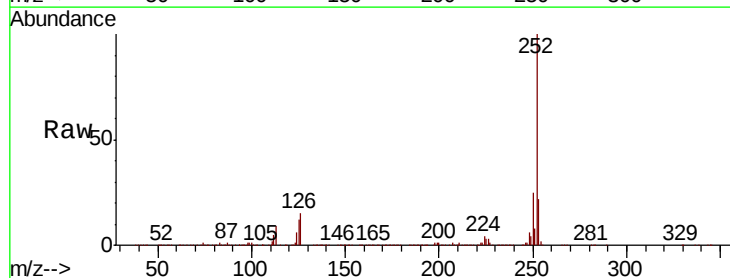


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

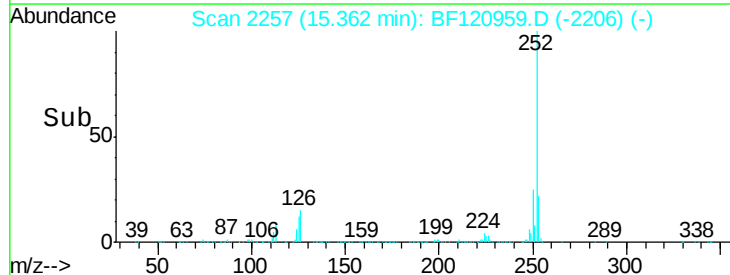
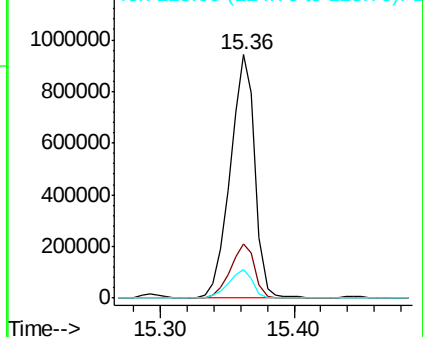


#90
Benzo(a)pyrene
Concen: 42.385 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:252 Resp: 1211479
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.0 8.9 13.3



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



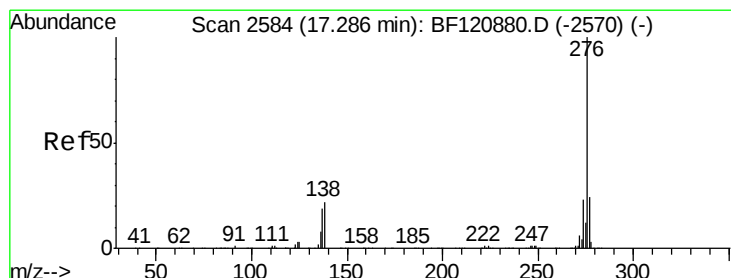
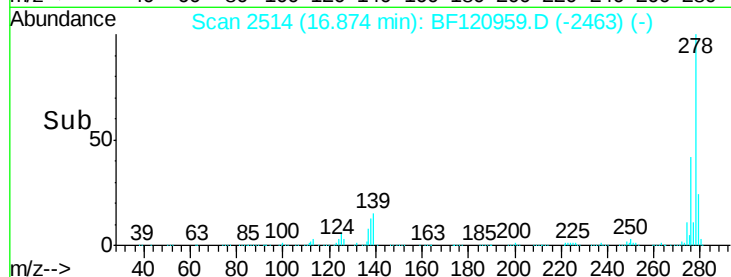
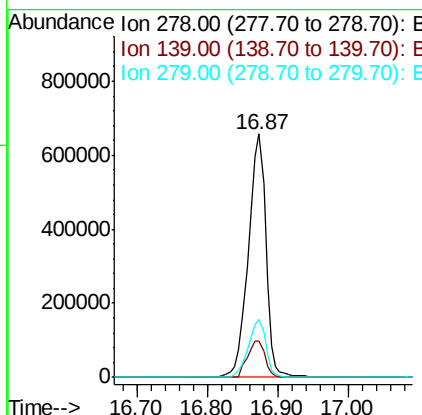
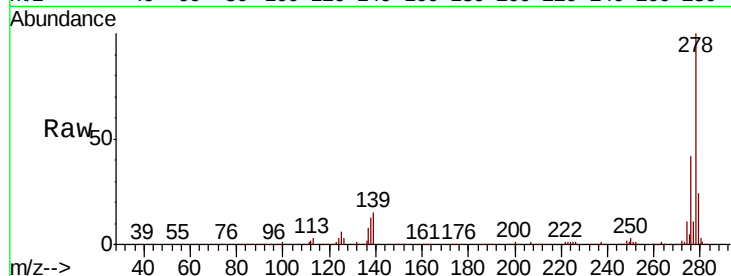


#91
Dibenzo(a,h)anthracene
Concen: 38.897 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMS

Tot Ion:278 Resp: 1145234

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.3	18.5
279	23.9	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 39.281 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF120959.D
Acq: 21 Jul 2020 17:48

Tgt Ion:276 Resp: 1140346

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.4	17.5	26.3

