

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120960.D
 Acq On : 21 Jul 2020 18:18
 Operator : JU/CG
 Sample : L3351-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Quant Time: Jul 21 18:44:23 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	186316	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	741411	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	399658	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	780439	20.00	ng	0.00
76) Chrysene-d12	13.98	240	558343	20.00	ng	0.00
86) Perylene-d12	15.42	264	504462	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1163468	102.37	ng	0.02
7) Phenol-d6	6.45	99	1461706	99.56	ng	0.00
23) Nitrobenzene-d5	7.38	82	933310	72.84	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	452962	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1727885	64.55	ng	0.00
79) Terphenyl-d14	12.93	244	1728397	67.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	218996	41.868	ng	99
3) Pyridine	3.36	79	522053	37.519	ng	99
4) n-Nitrosodimethylamine	3.32	42	259604	43.631	ng	99
6) Aniline	6.47	93	456633	23.828	ng	97
8) 2-Chlorophenol	6.60	128	564840	45.114	ng	99
9) Benzaldehyde	6.36	77	425706	76.343	ng	99
10) Phenol	6.46	94	665726	41.223	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	524223	42.356	ng	99
12) 1,3-Dichlorobenzene	6.76	146	562428	41.427	ng	99
13) 1,4-Dichlorobenzene	6.83	146	560264	41.501	ng	99
14) 1,2-Dichlorobenzene	6.99	146	549388	43.017	ng	99
15) Benzyl Alcohol	6.96	79	450726	43.413	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	732296	41.050	ng	100
17) 2-Methylphenol	7.07	107	443629	39.977	ng	97
18) Hexachloroethane	7.33	117	209932	42.965	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	340471	40.784	ng	97
20) 3+4-Methylphenols	7.23	107	489846	34.700	ng	# 90
22) Acetophenone	7.23	105	680175	40.877	ng	# 93
24) Nitrobenzene	7.40	77	551525	39.936	ng	99
25) Isophorone	7.64	82	1047160	40.949	ng	99
26) 2-Nitrophenol	7.72	139	299324	45.637	ng	98
27) 2,4-Dimethylphenol	7.76	122	489438	45.961	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	664751	42.585	ng	99
29) 2,4-Dichlorophenol	7.96	162	465264	42.756	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	493735	40.896	ng	99
31) Naphthalene	8.12	128	1524067	40.074	ng	100
32) Benzoic acid	7.89	122	364639	45.615	ng	93
33) 4-Chloroaniline	8.17	127	249154	14.686	ng	98
34) Hexachlorobutadiene	8.24	225	281949	39.616	ng	99
35) Caprolactam	8.55	113	112025	32.103	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	485826	43.532	ng	98
37) 2-Methylnaphthalene	8.82	142	1053294	42.654	ng	99
38) 1-Methylnaphthalene	8.91	142	990679	42.360	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	459201	39.436	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	504803	78.439	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	359822	43.888	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	355997	38.279	ng	98
46) 1,1'-Biphenyl	9.27	154	1259375	41.310	ng	99
47) 2-Chloronaphthalene	9.30	162	983370	39.564	ng	97
48) 2-Nitroaniline	9.40	65	311090	41.416	ng	97
49) Acenaphthylene	9.72	152	1579353	40.902	ng	99
50) Dimethylphthalate	9.58	163	1426503	49.475	ng	98
51) 2,6-Dinitrotoluene	9.64	165	268913	43.412	ng	96
52) Acenaphthene	9.89	154	932029	37.966	ng	99
53) 3-Nitroaniline	9.80	138	133601	17.197	ng	96
54) 2,4-Dinitrophenol	9.92	184	267248	75.384	ng	89
55) Dibenzofuran	10.06	168	1412402	39.785	ng	99
56) 4-Nitrophenol	9.98	139	484600	82.114	ng	91
57) 2,4-Dinitrotoluene	10.05	165	357341	43.928	ng	95
58) Fluorene	10.40	166	1006743	38.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	314413	44.403	ng	97
60) Diethylphthalate	10.28	149	1203165	41.256	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	497118	35.201	ng	99
62) 4-Nitroaniline	10.43	138	277508	36.670	ng	98
63) Azobenzene	10.56	77	1114505	40.142	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	179658	40.433	ng	95
66) n-Nitrosodiphenylamine	10.52	169	1006013	40.976	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	346369	39.807	ng	92
68) Hexachlorobenzene	10.95	284	390835	41.523	ng	# 90
69) Atrazine	11.05	200	289363	47.591	ng	98
70) Pentachlorophenol	11.15	266	444367	82.408	ng	99
71) Phenanthrene	11.36	178	1623385	40.445	ng	100
72) Anthracene	11.42	178	1628456	40.404	ng	99
73) Carbazole	11.57	167	1521369	38.036	ng	99
74) Di-n-butylphthalate	11.90	149	1883293	40.801	ng	100
75) Fluoranthene	12.55	202	1754624	39.439	ng	99
77) Benzidine	12.67	184	906562	61.756	ng	99
78) Pyrene	12.78	202	1818920	46.078	ng	98
80) Butylbenzylphthalate	13.40	149	822850	46.760	ng	99
81) Benzo(a)anthracene	13.97	228	1357325	40.145	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	366721	28.750	ng	99
83) Chrysene	14.00	228	1454824	40.945	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	956828	44.094	ng	99
85) Di-n-octyl phthalate	14.57	149	1903111	44.082	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1347274	38.402	ng	100
88) Benzo(b)fluoranthene	15.00	252	1450970	47.584	ng	99
89) Benzo(k)fluoranthene	15.03	252	1171939	42.142	ng	99
90) Benzo(a)pyrene	15.36	252	1175365	42.248	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1116111	38.946	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1118178	39.572	ng	98

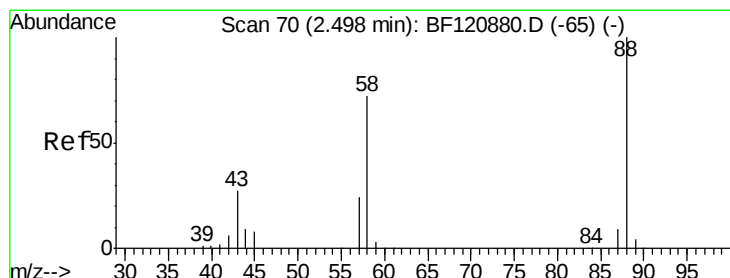
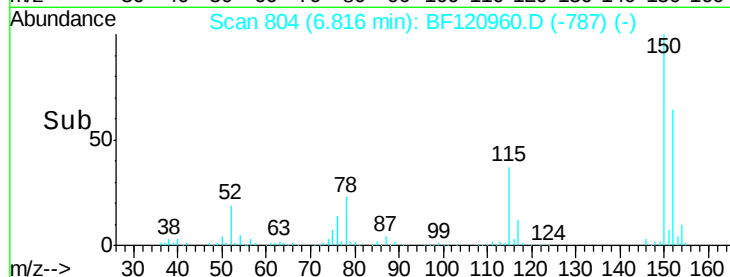
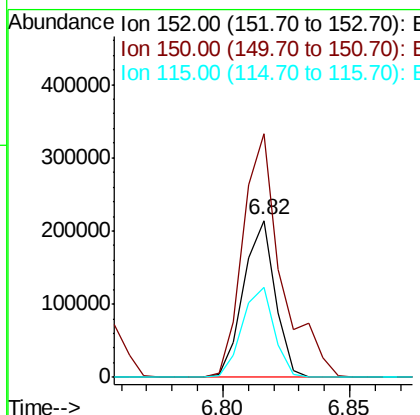
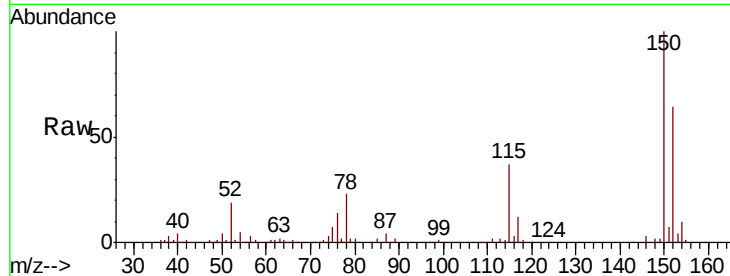
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

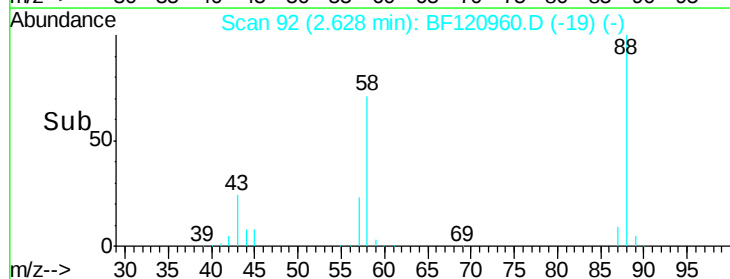
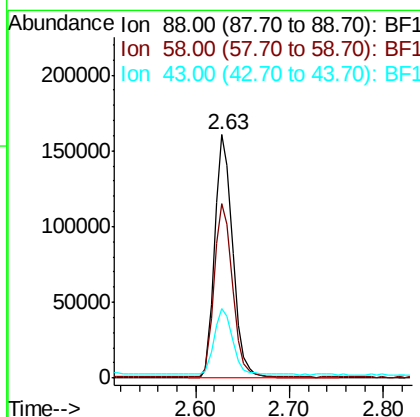
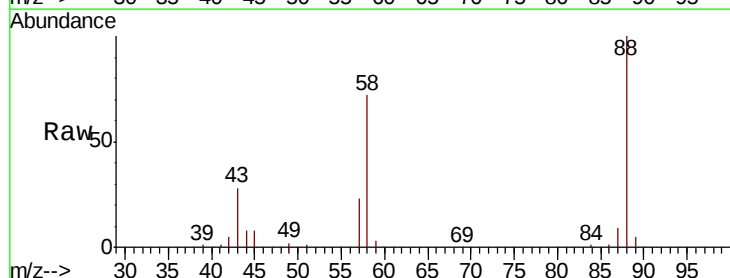
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

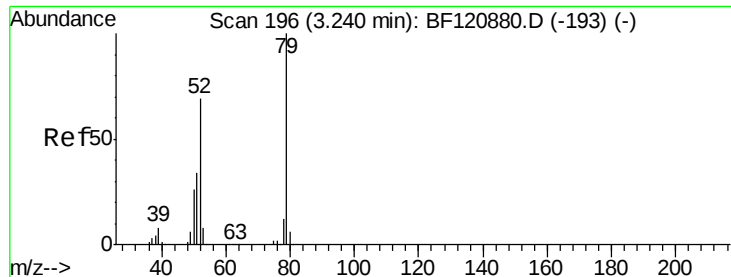
Tot Ion:152 Resp: 186316
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.0 187.6
 115 57.6 47.0 70.4



#2
 1,4-Dioxane
 Concen: 41.868 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.13 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion: 88 Resp: 218996
 Ion Ratio Lower Upper
 88 100
 58 71.6 58.2 87.2
 43 27.2 22.1 33.1

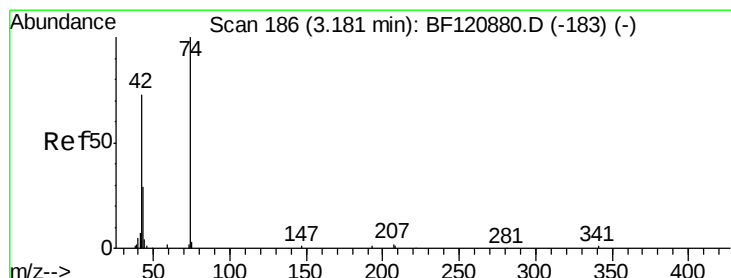
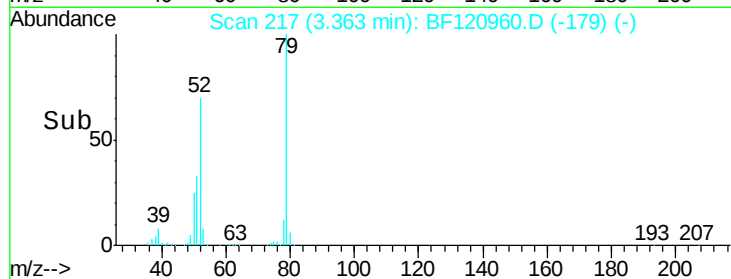
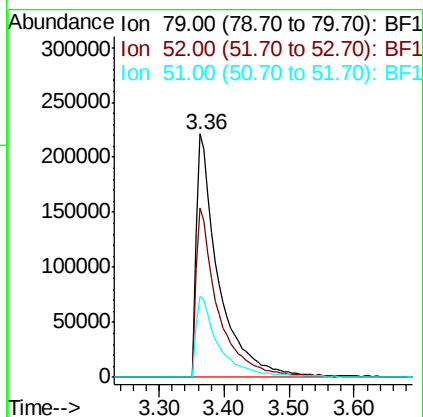
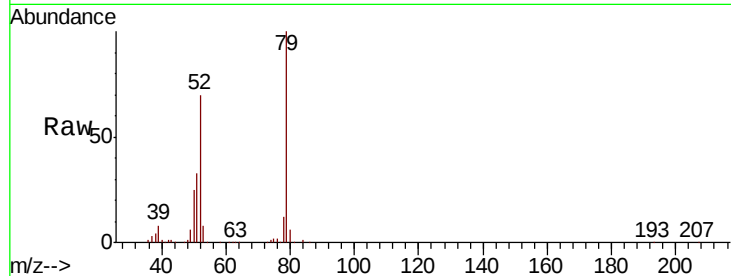




#3
 Pvridine
 Concen: 37.519 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.12 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

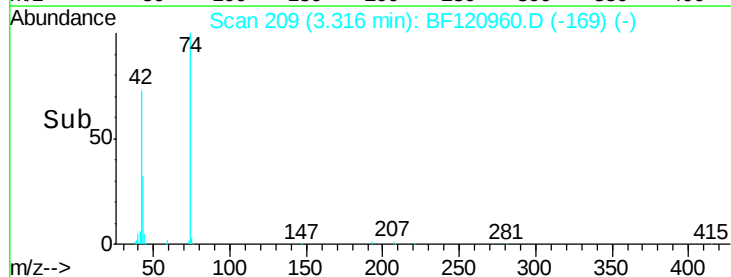
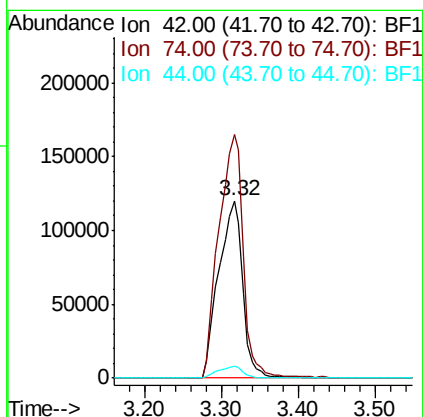
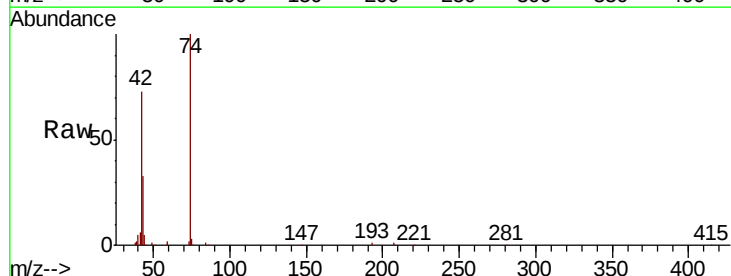
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

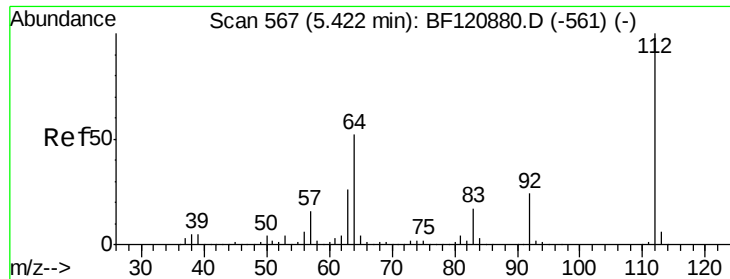
Tot Ion	Ratio	Lower	Upper
79	100		
52	69.6	55.0	82.6
51	33.3	26.9	40.3



#4
 n-Nitrosodimethylamine
 Concen: 43.631 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.14 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.3	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 102.371 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

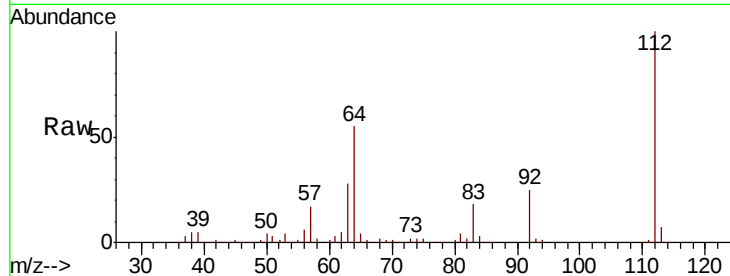
Tot Ion:112 Resp: 1163468

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

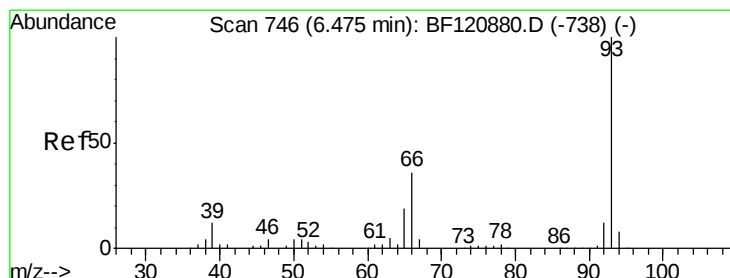
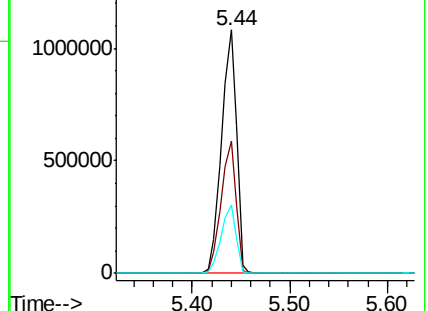
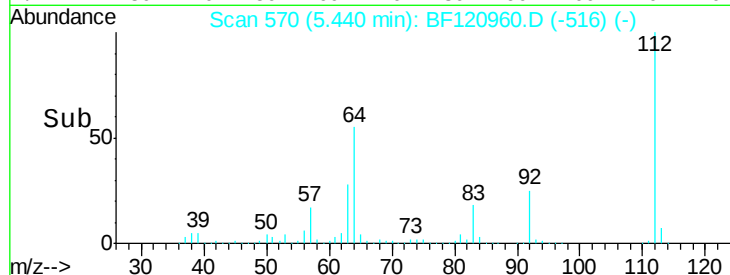
63 27.8 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.828 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

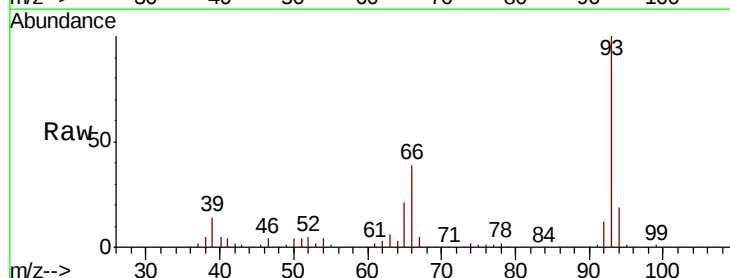
Tgt Ion: 93 Resp: 456633

Ion Ratio Lower Upper

93 100

66 39.4 30.2 45.4

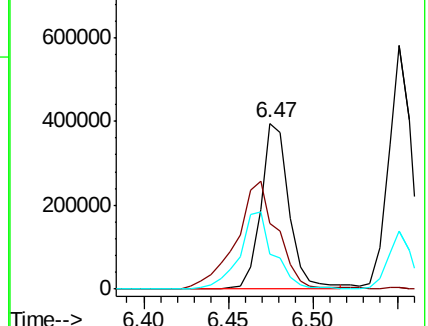
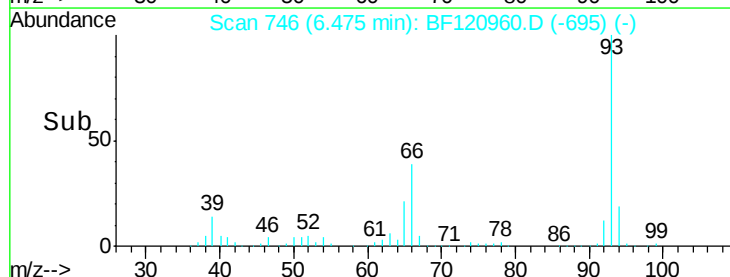
65 21.5 15.8 23.6



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: 99.565 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

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ClientSampleId :

SAMPLE-1BMSD

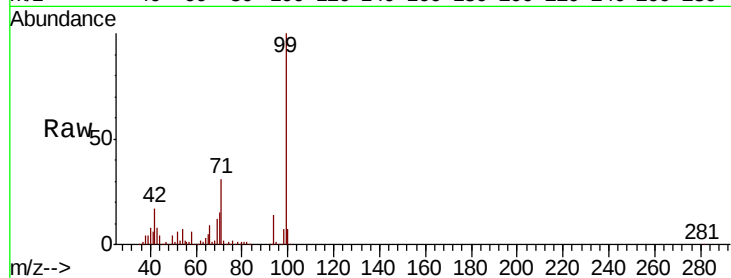
Tot Ion: 99 Resp: 1461706

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

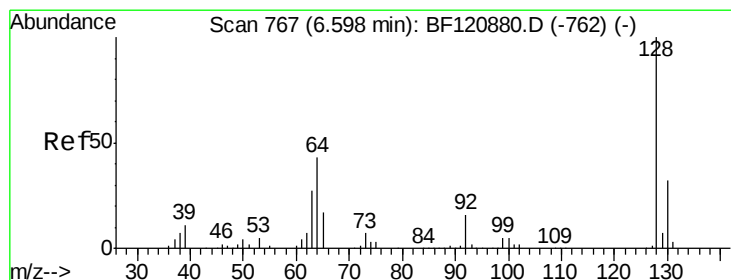
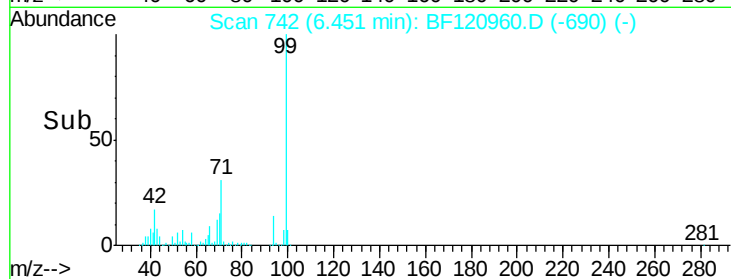
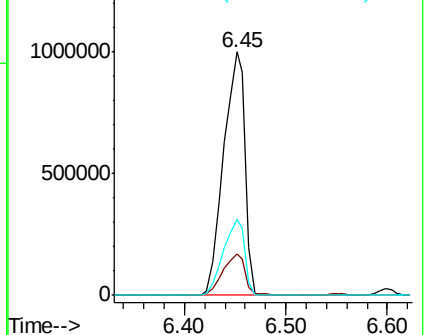
71 31.4 24.2 36.4



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: 45.114 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

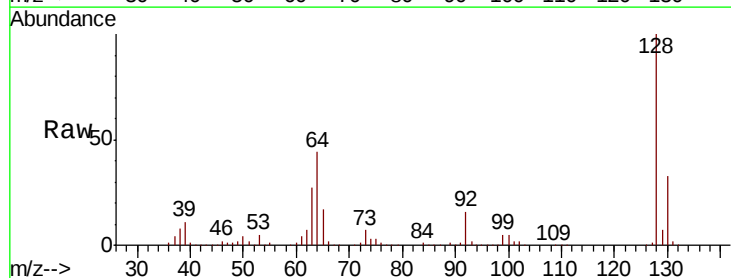
Tgt Ion:128 Resp: 564840

Ion Ratio Lower Upper

128 100

130 33.1 12.1 52.1

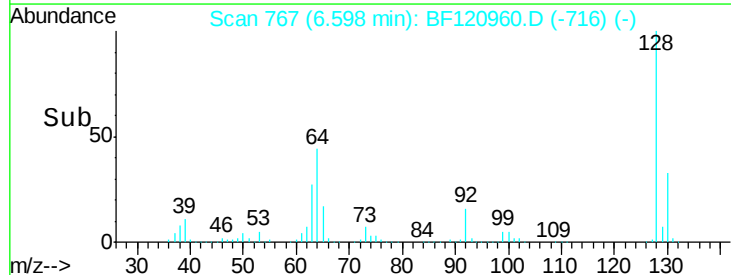
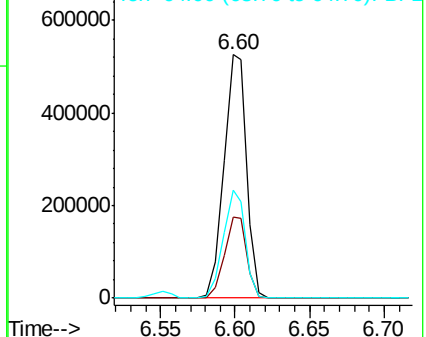
64 44.2 24.0 64.0



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: 76.343 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120960.D

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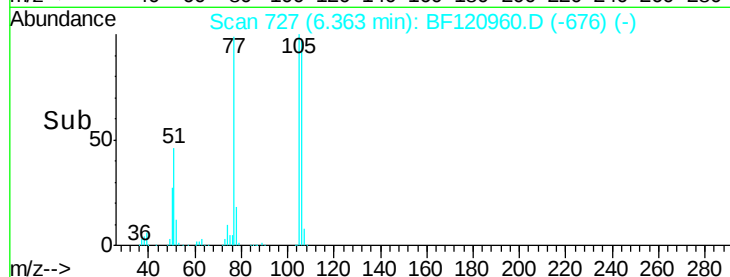
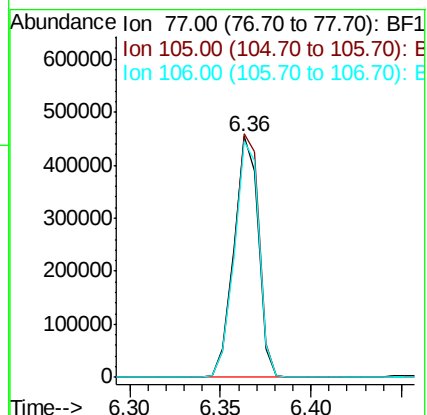
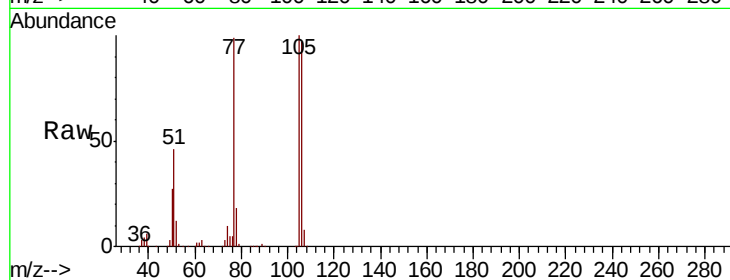
Tot Ion: 77 Resp: 425706

Ion Ratio Lower Upper

77 100

105 101.2 82.5 122.5

106 98.3 78.7 118.7



#10

Phenol

Concen: 41.223 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

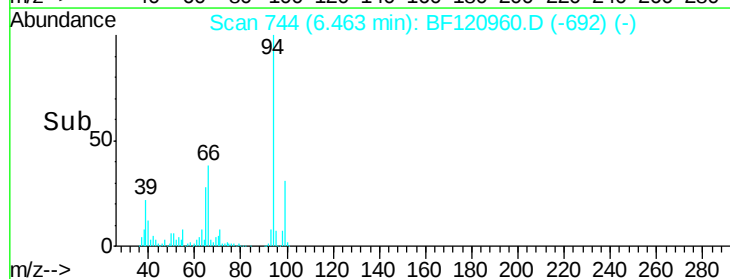
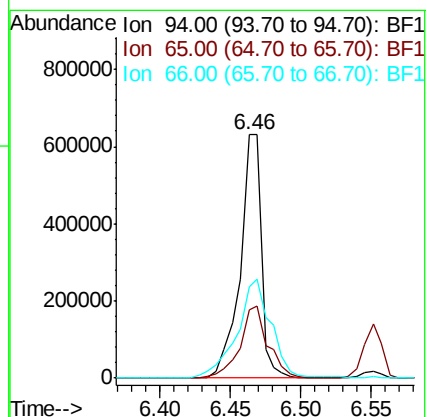
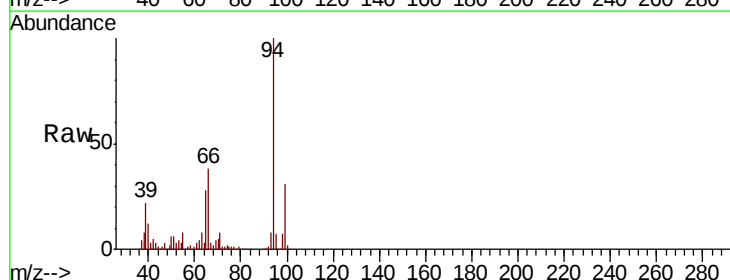
Tgt Ion: 94 Resp: 665726

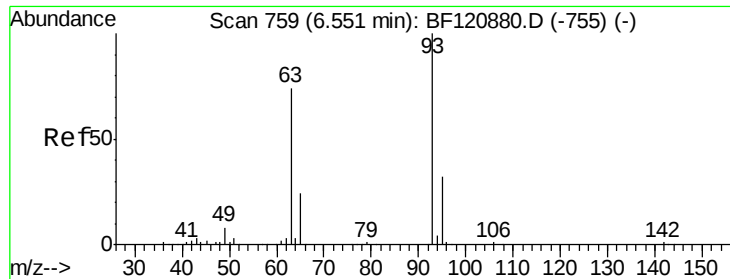
Ion Ratio Lower Upper

94 100

65 28.3 6.6 46.6

66 37.6 13.2 53.2

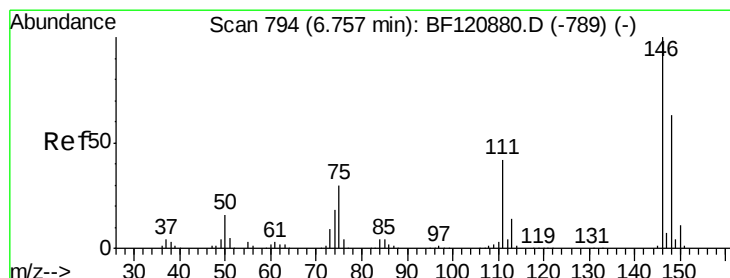
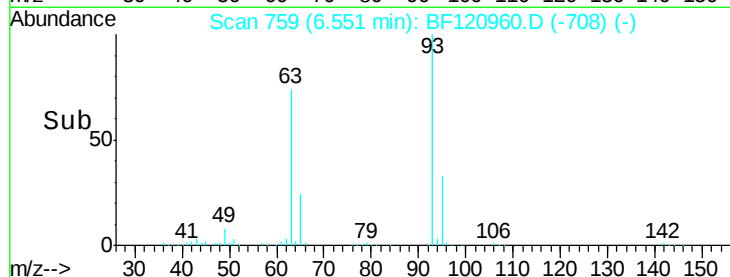
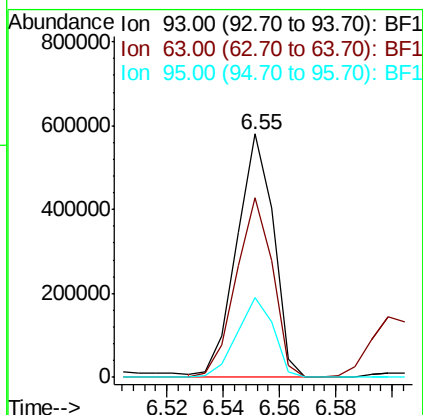
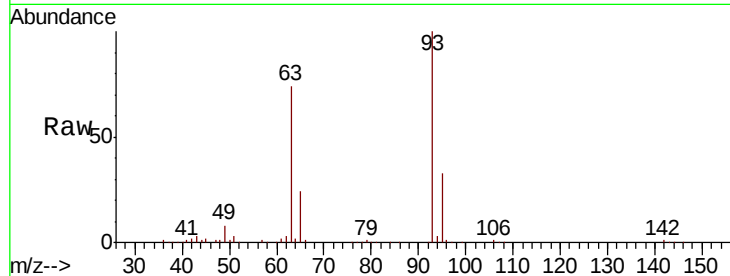




#11
bis(2-Chloroethyl)ether
Concen: 42.356 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

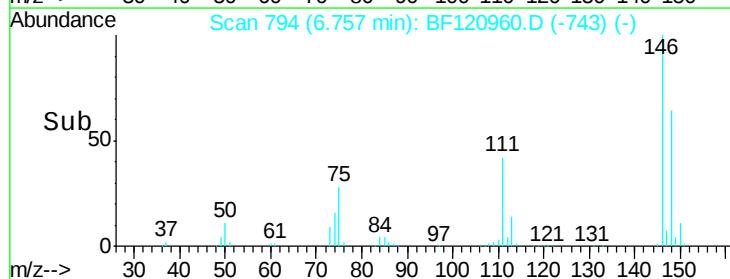
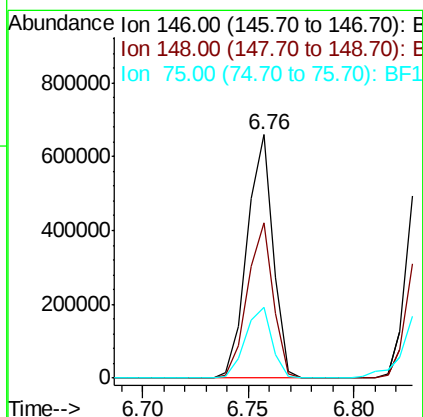
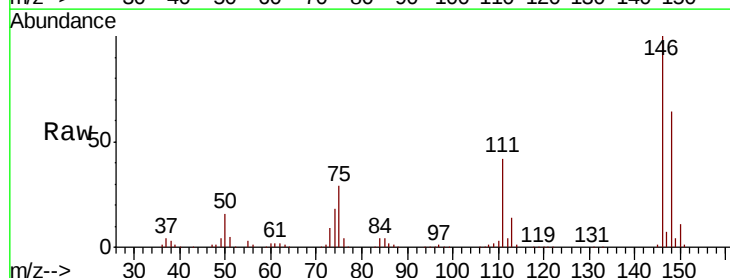
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

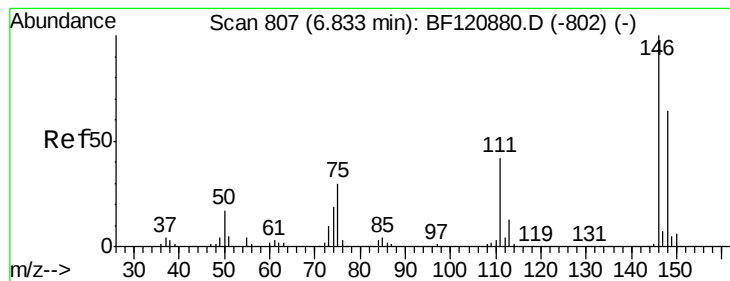
Tot Ion:	93	Resp:	524223
Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.2	94.2
95	32.9	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 41.427 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:	146	Resp:	562428
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
75	28.9	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 41.501 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

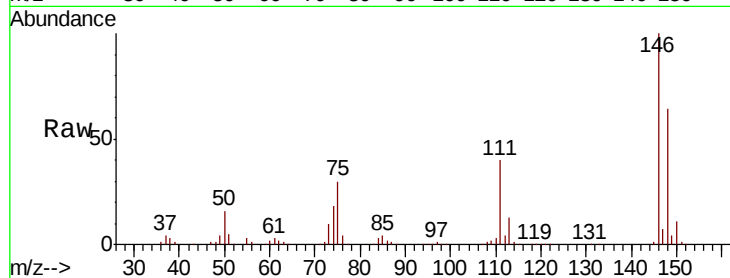
Tot Ion:146 Resp: 560264

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

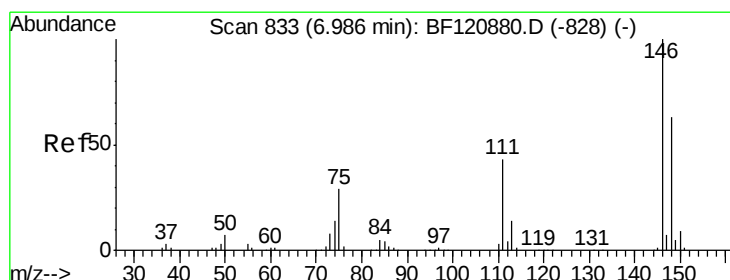
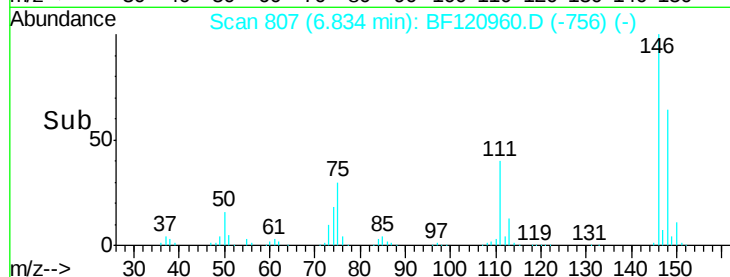
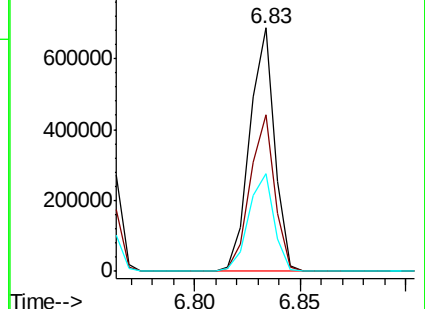
111 40.3 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.017 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

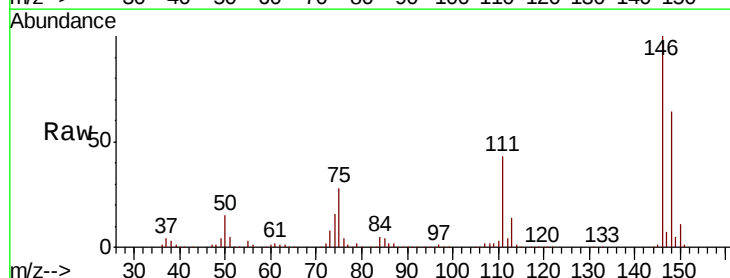
Tgt Ion:146 Resp: 549388

Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

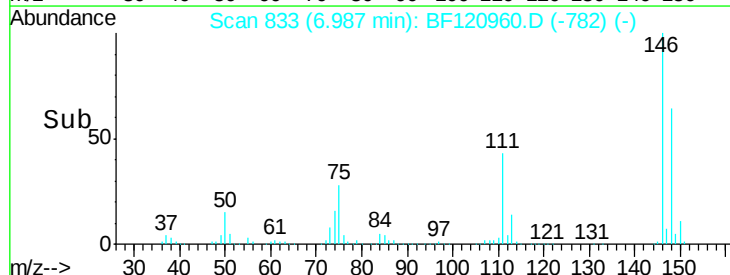
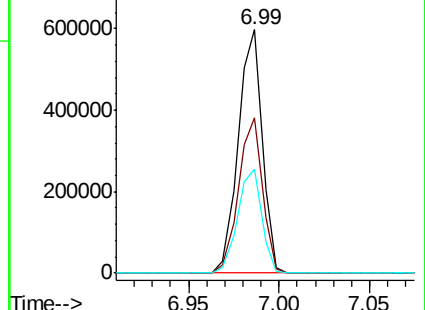
111 42.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.413 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

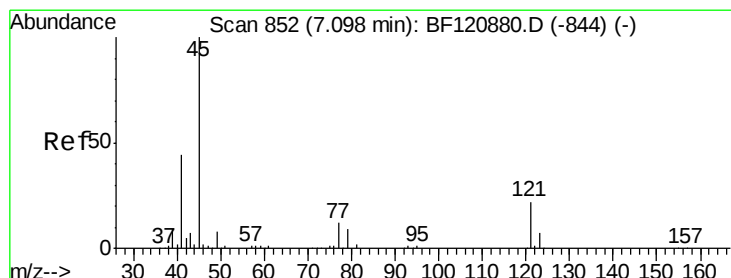
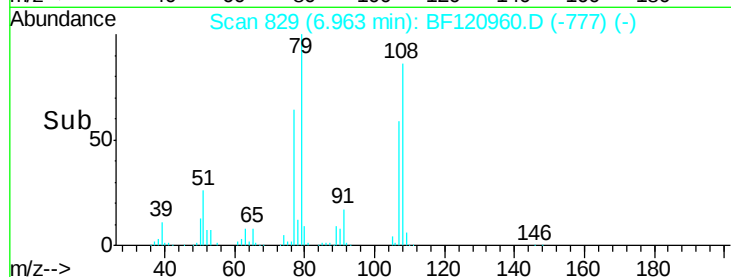
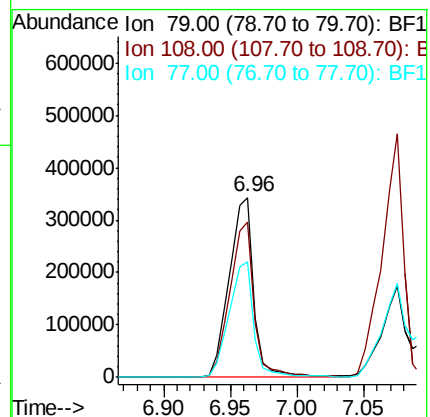
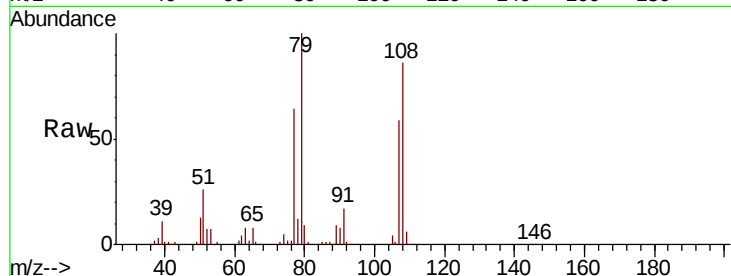
Tot Ion: 79 Resp: 450726

Ion Ratio Lower Upper

79 100

108 86.0 67.0 100.6

77 63.9 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.050 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

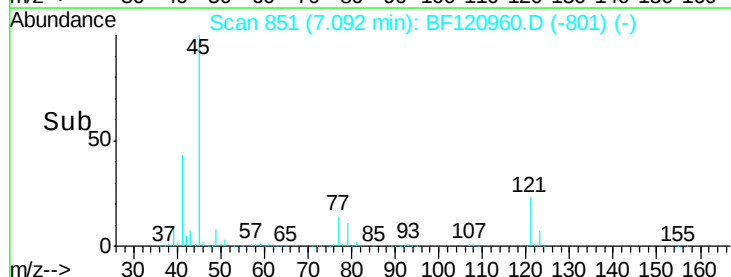
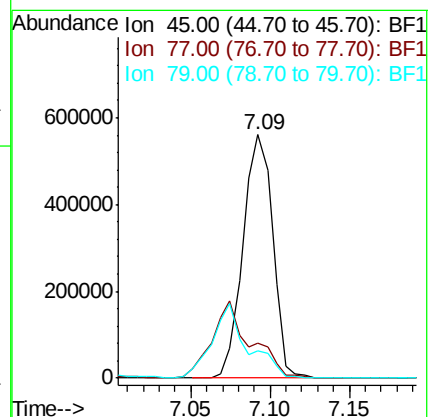
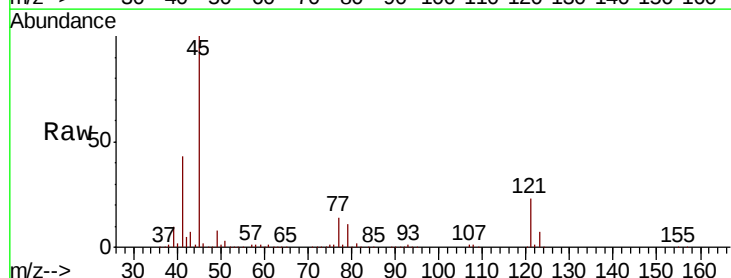
Tgt Ion: 45 Resp: 732296

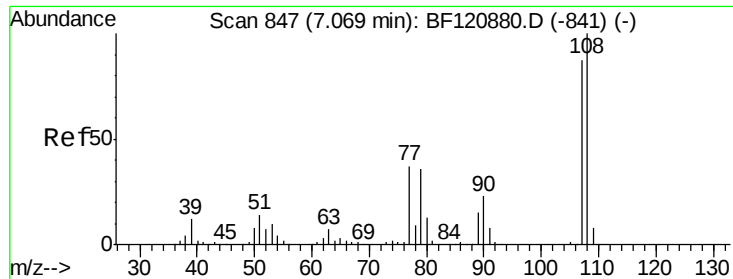
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.3

79 11.2 0.0 31.0

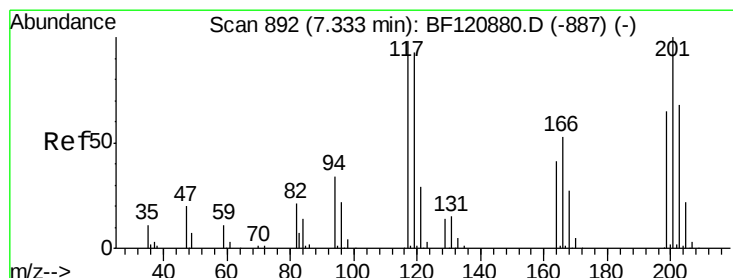
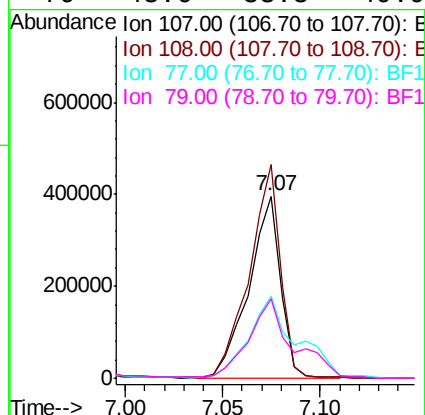
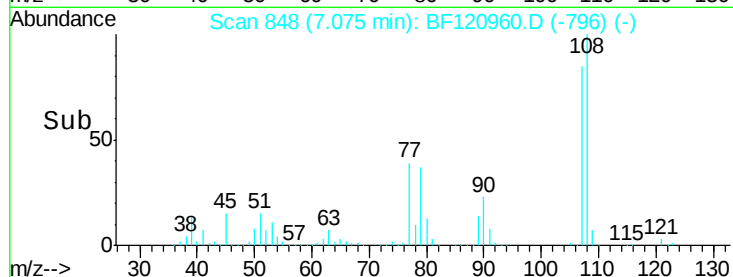
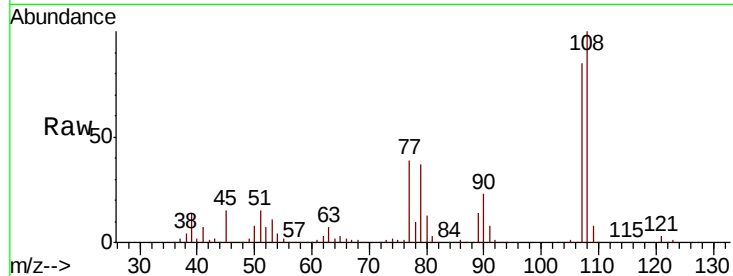




#17
2-Methylphenol
Concen: 39.977 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

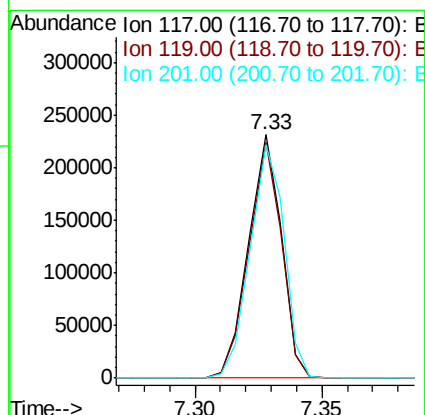
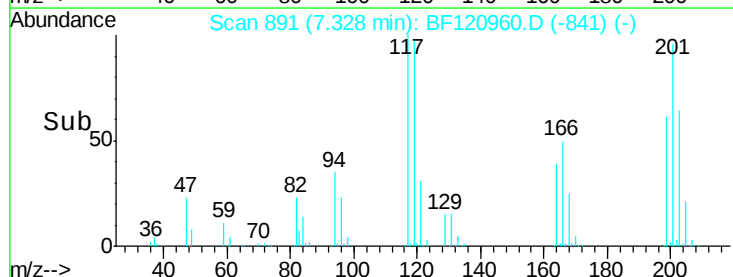
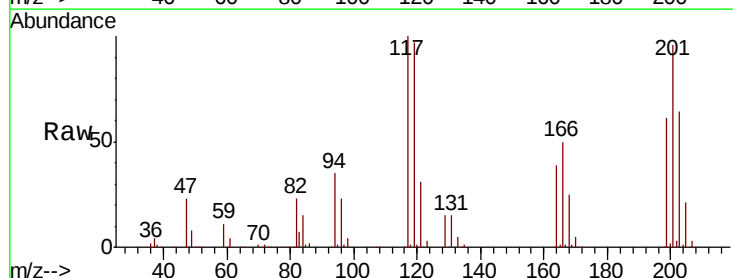
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:107 Resp: 443629
Ion Ratio Lower Upper
107 100
108 117.2 92.0 138.0
77 45.1 34.0 51.0
79 43.6 33.3 49.9



#18
Hexachloroethane
Concen: 42.965 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:117 Resp: 209932
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0
201 96.1 81.7 122.5

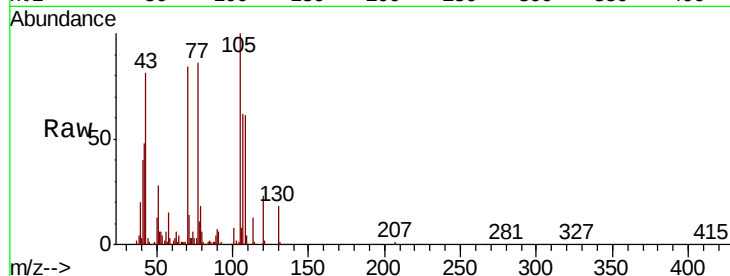




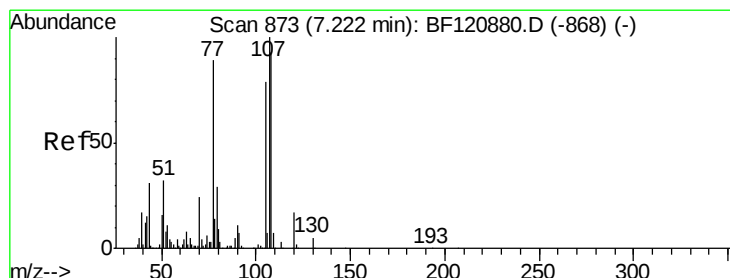
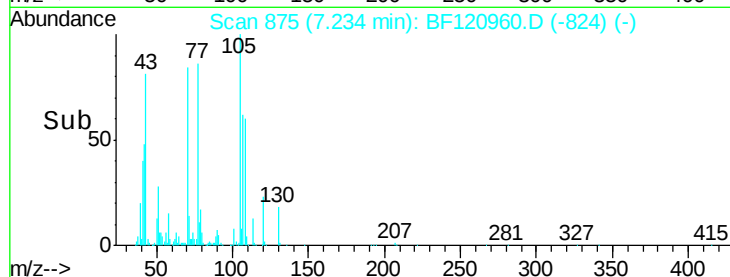
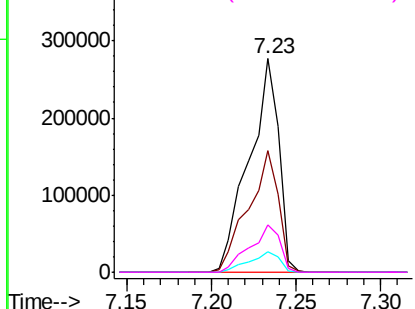
#19
n-Nitroso-di-n-propylamine
Concen: 40.784 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion: 70 Resp: 340471
Ion Ratio Lower Upper
70 100
42 57.2 44.0 66.0
101 9.6 7.8 11.6
130 21.9 18.7 28.1

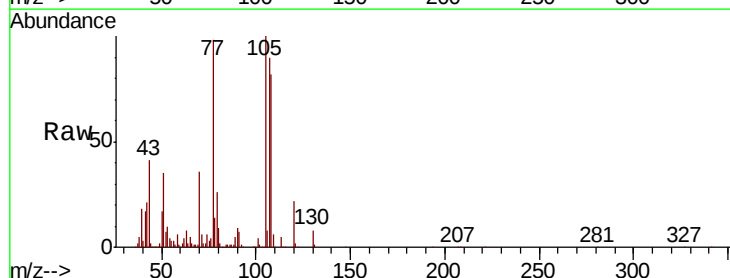


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

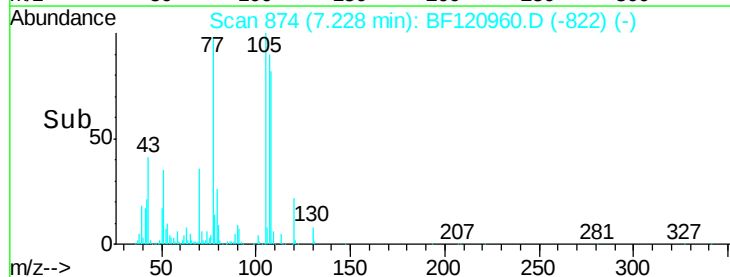
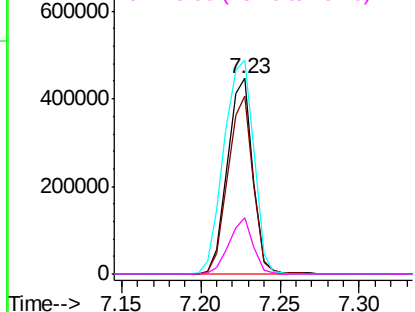


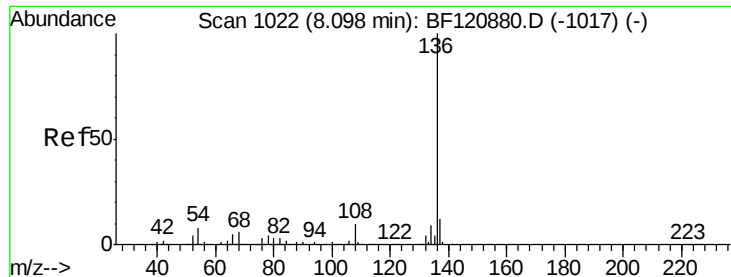
#20
3+4-Methylphenols
Concen: 34.700 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion: 107 Resp: 489846
Ion Ratio Lower Upper
107 100
108 91.4 72.8 112.8
77 109.3 68.7 108.7#
79 28.7 8.5 48.5



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

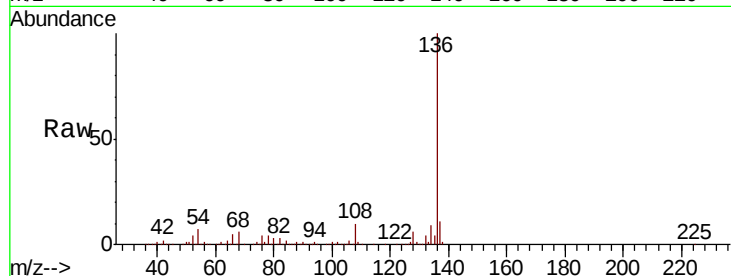




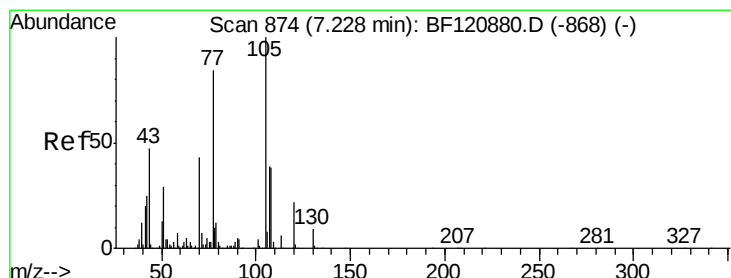
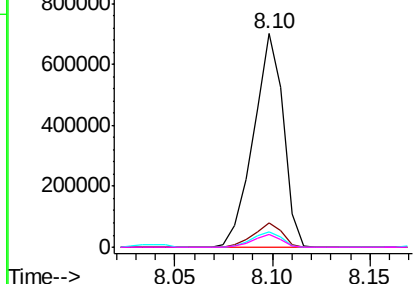
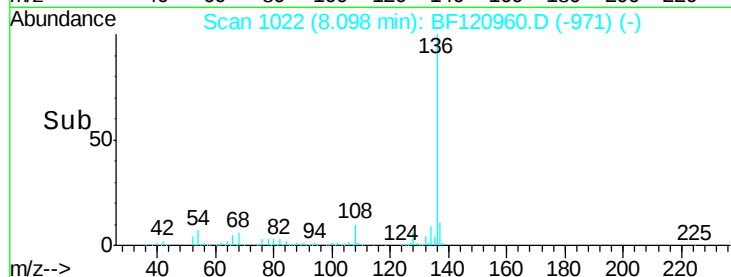
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:136	Resp:	741411
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.3 13.9
54	7.3	6.3 9.5
68	6.0	5.0 7.4

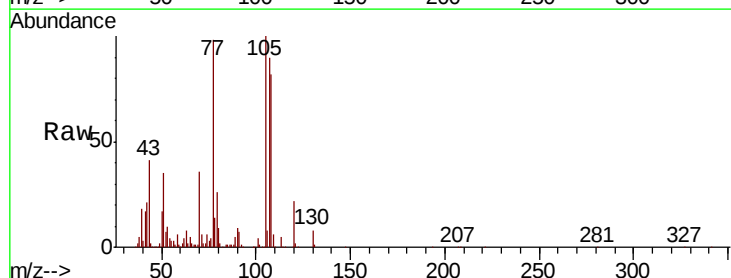


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

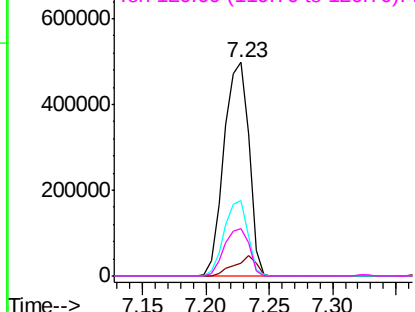
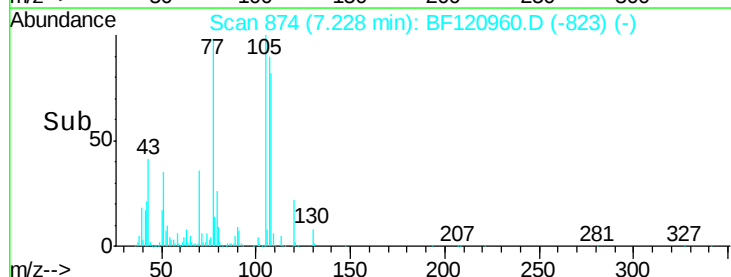


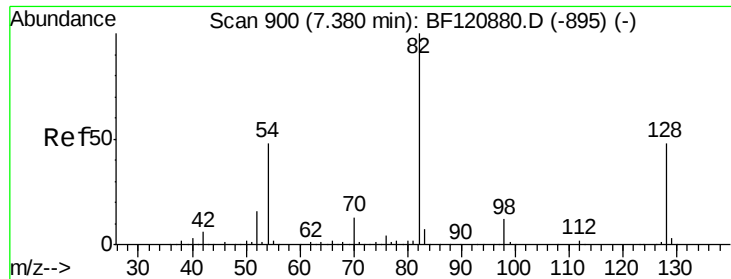
#22
Acetophenone
Concen: 40.877 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:105	Resp:	680175
Ion	Ratio	Lower Upper
105	100	
71	5.9	5.7 8.5
51	35.1	22.9 34.3#
120	22.4	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

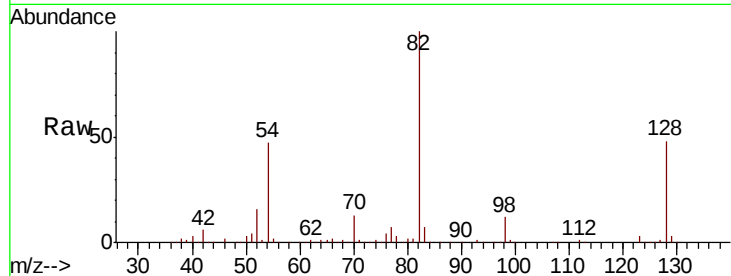




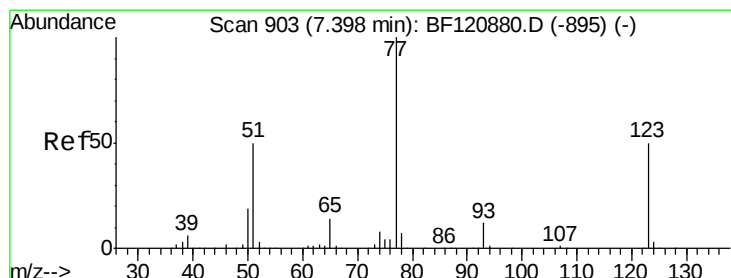
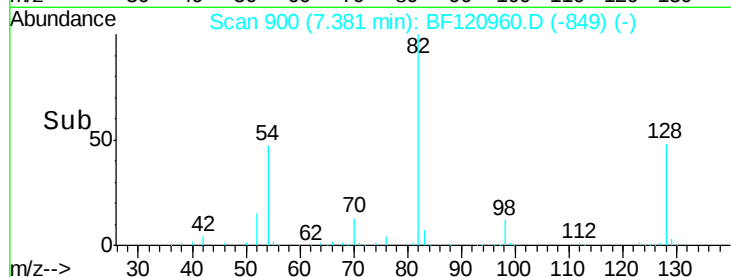
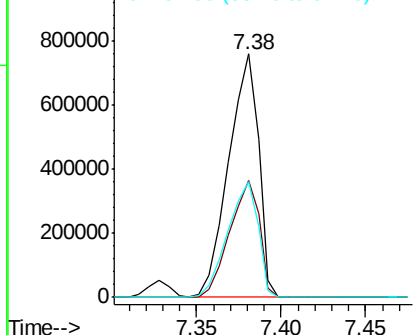
#23
Nitrobenzene-d5
Concen: 72.840 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion: 82 Resp: 933310
Ion Ratio Lower Upper
82 100
128 47.9 38.2 57.4
54 47.4 38.7 58.1

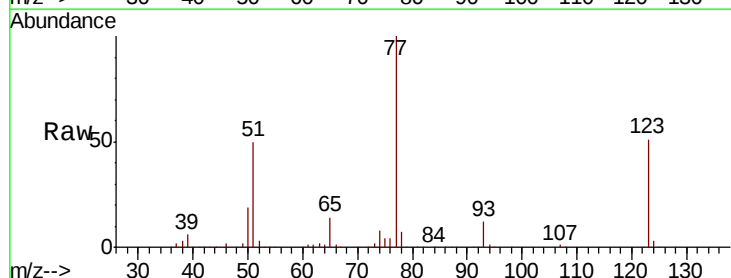


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

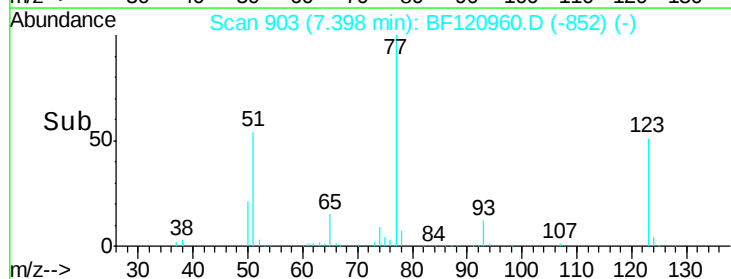
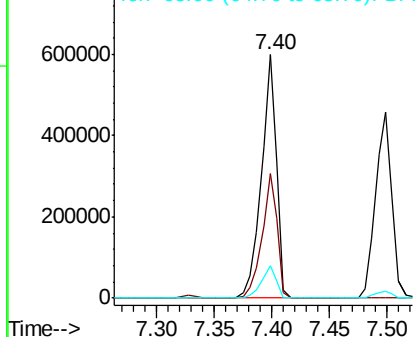


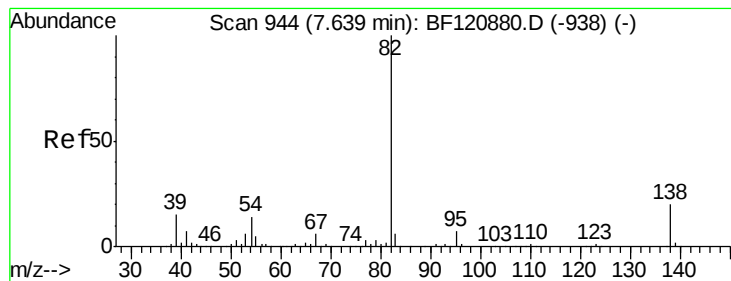
#24
Nitrobenzene
Concen: 39.936 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion: 77 Resp: 551525
Ion Ratio Lower Upper
77 100
123 51.1 40.1 60.1
65 13.5 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: 40.949 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

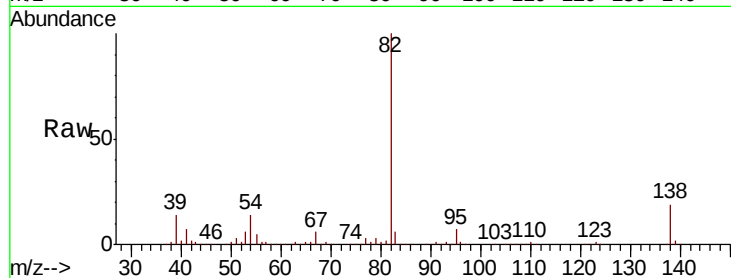
Tot Ion: 82 Resp: 1047160

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

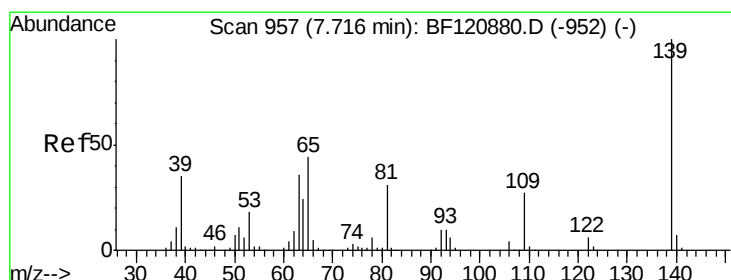
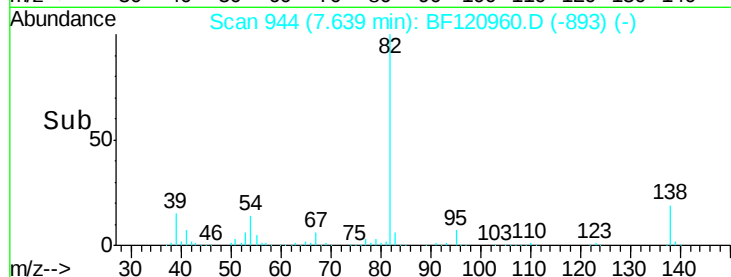
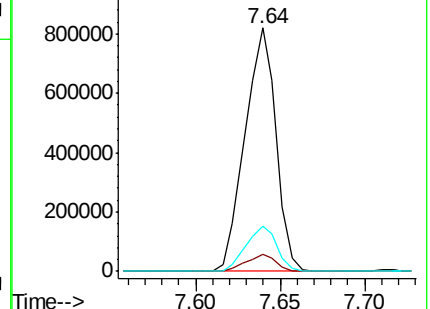
138 18.8 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.637 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

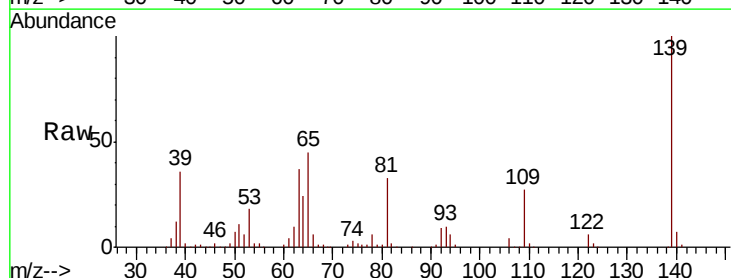
Tgt Ion:139 Resp: 299324

Ion Ratio Lower Upper

139 100

109 27.4 21.6 32.4

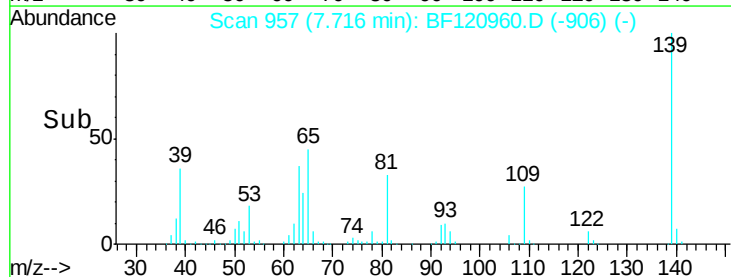
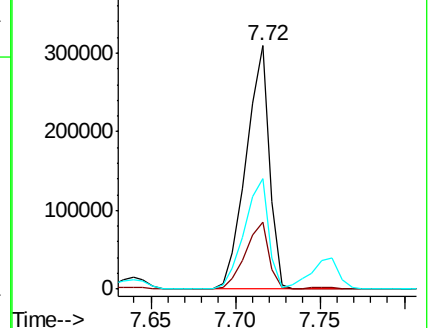
65 45.4 35.3 52.9

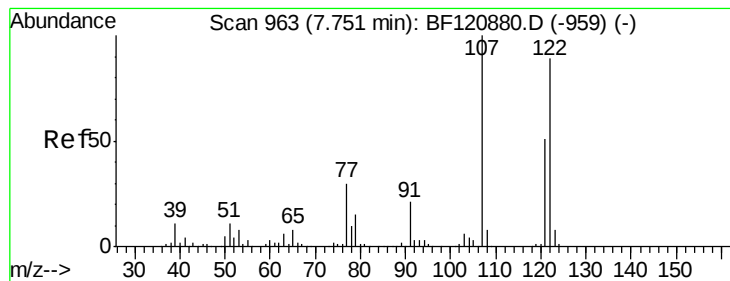


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.961 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

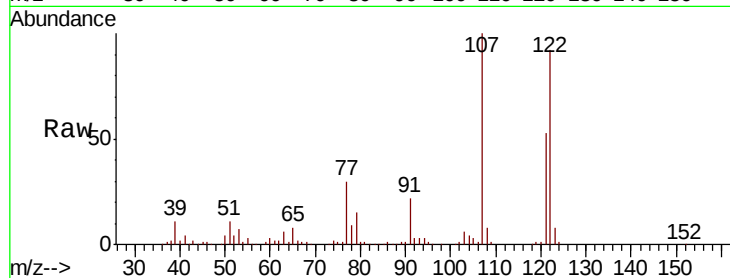
Tot Ion:122 Resp: 489438

Ion Ratio Lower Upper

122 100

107 108.5 89.4 134.0

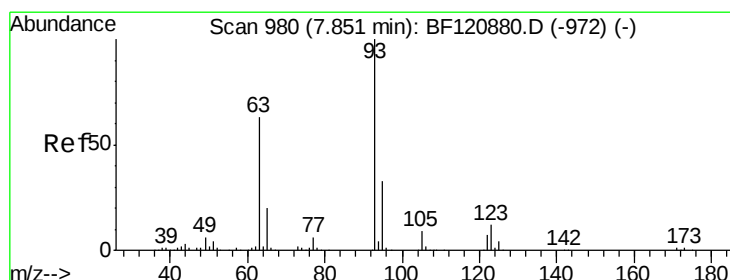
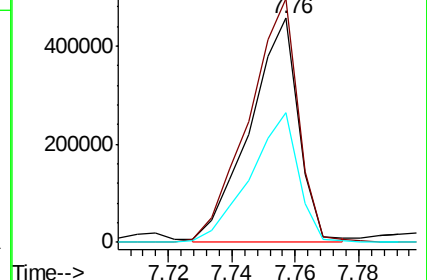
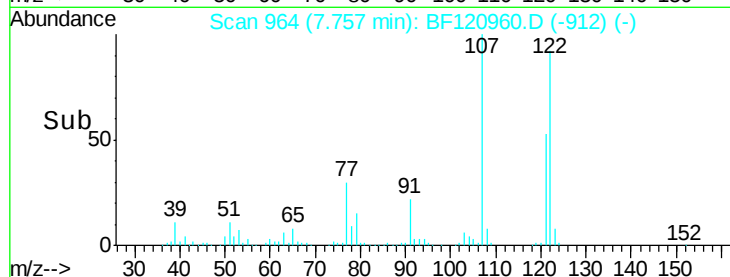
121 57.5 46.0 69.0



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: 42.585 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

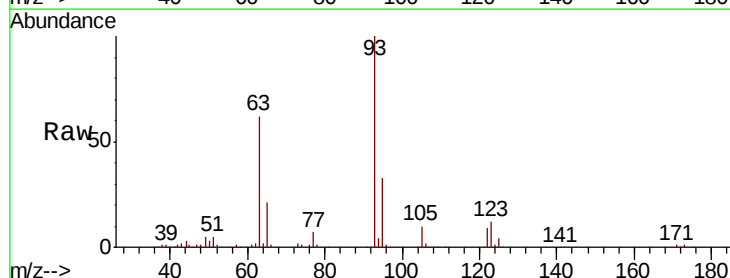
Tgt Ion: 93 Resp: 664751

Ion Ratio Lower Upper

93 100

95 32.5 26.6 39.8

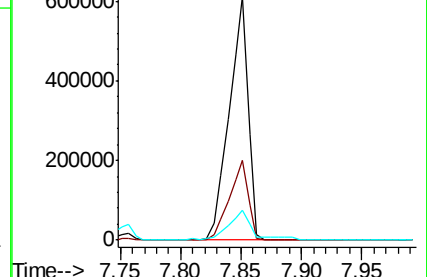
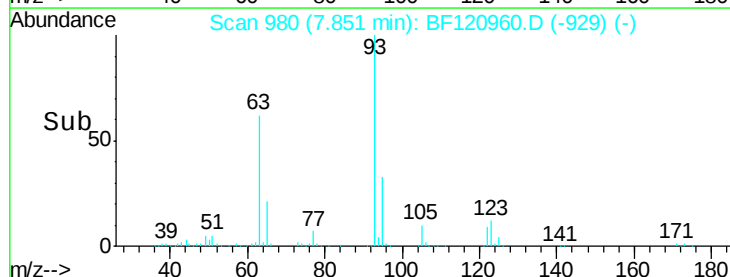
123 12.4 10.0 15.0

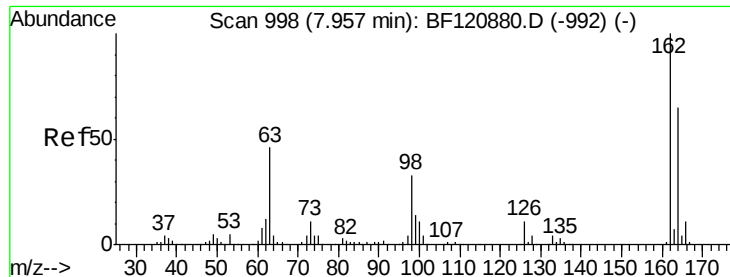


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

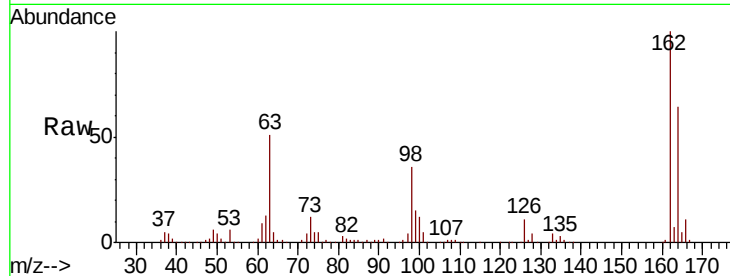




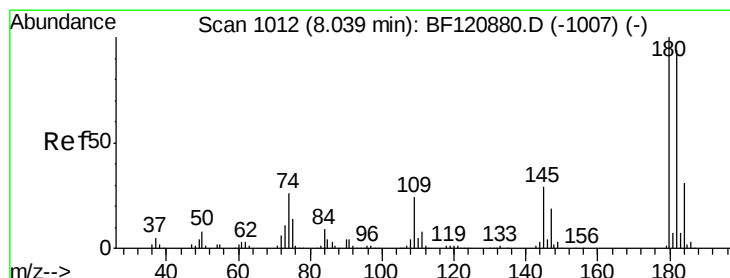
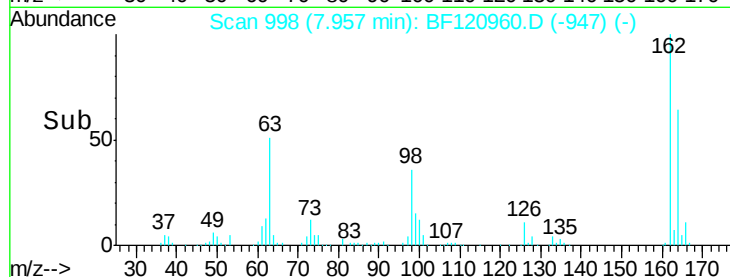
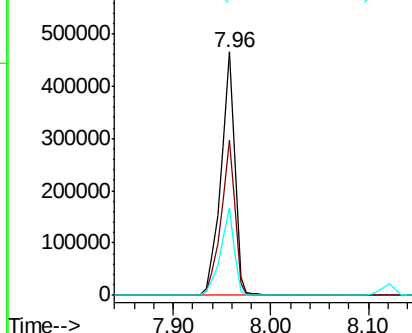
#29
 2,4-Dichlorophenol
 Concen: 42.756 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.3	85.3
98	35.8	13.3	53.3

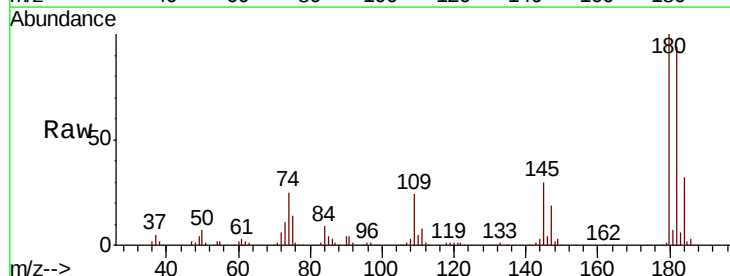


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

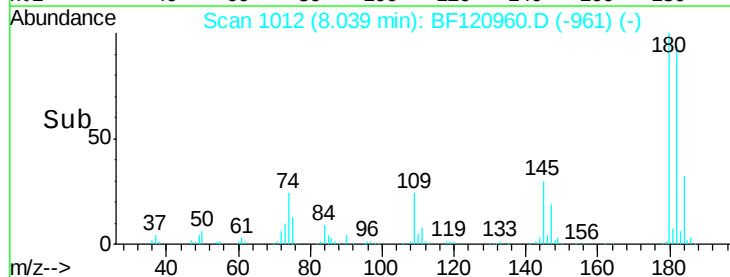
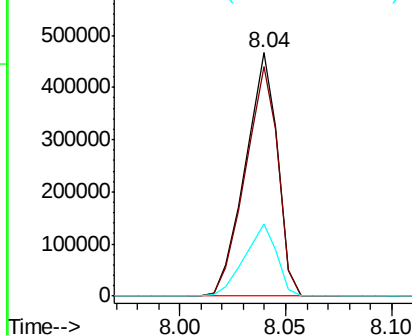


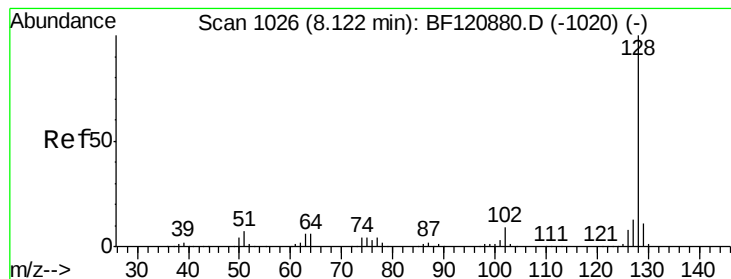
#30
 1,2,4-Trichlorobenzene
 Concen: 40.896 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.0	112.6
145	29.8	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: 40.074 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

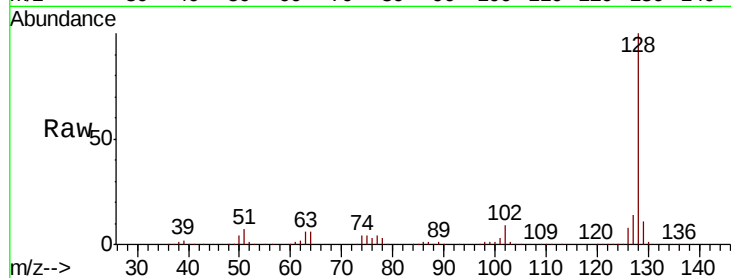
Tot Ion:128 Resp: 1524067

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

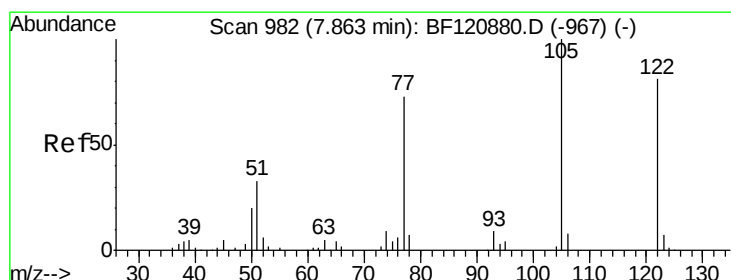
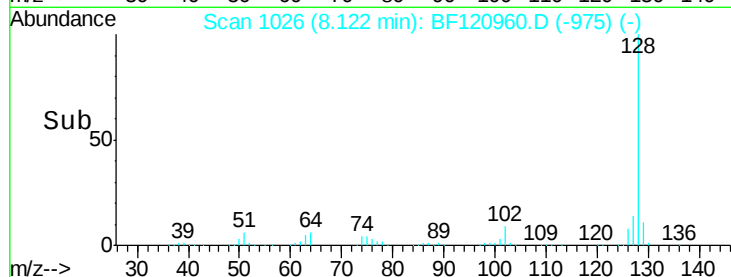
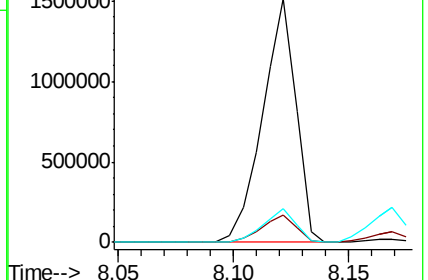
127 13.6 10.7 16.1



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



#32

Benzoic acid

Concen: 45.615 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

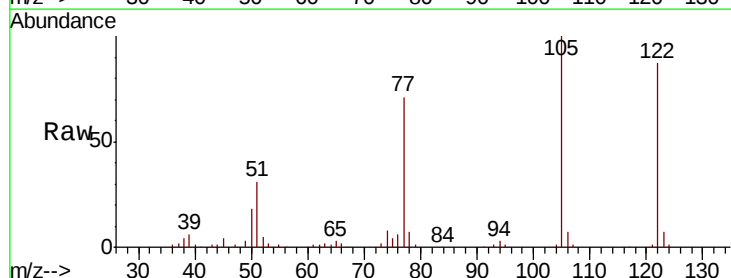
Tgt Ion:122 Resp: 364639

Ion Ratio Lower Upper

122 100

105 114.8 101.3 141.3

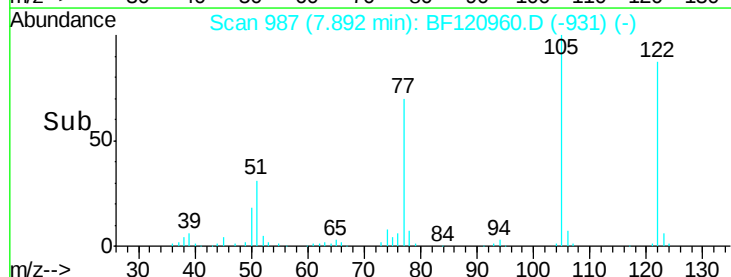
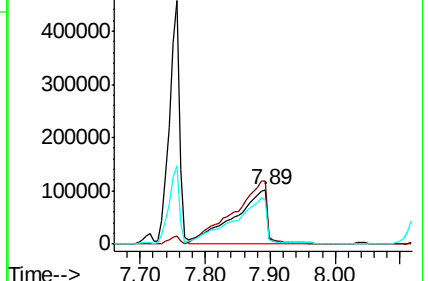
77 81.7 69.1 109.1



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

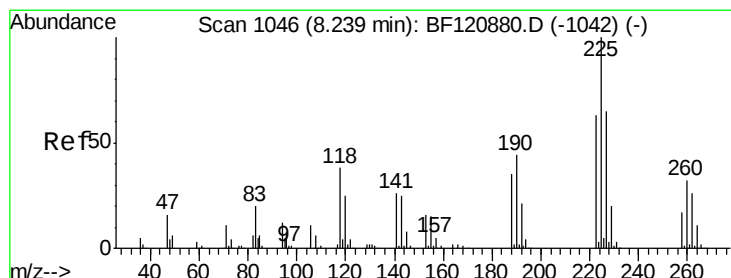
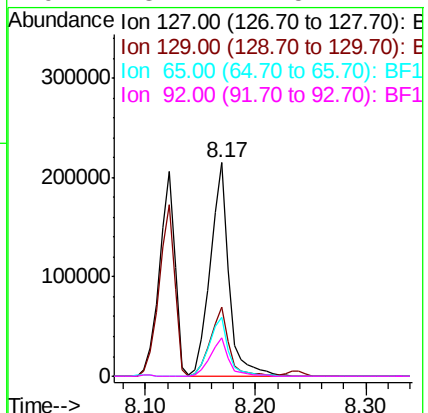
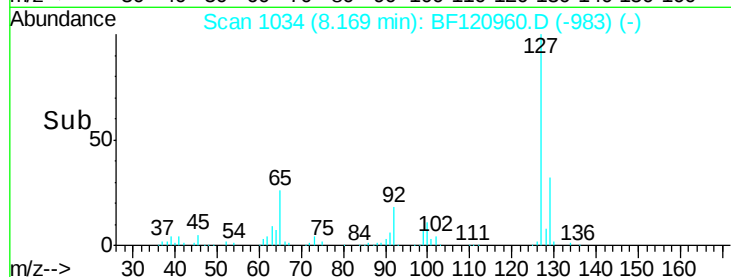
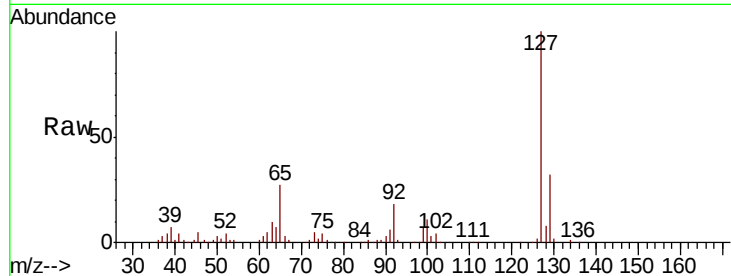




#33
4-Chloroaniline
Concen: 14.686 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

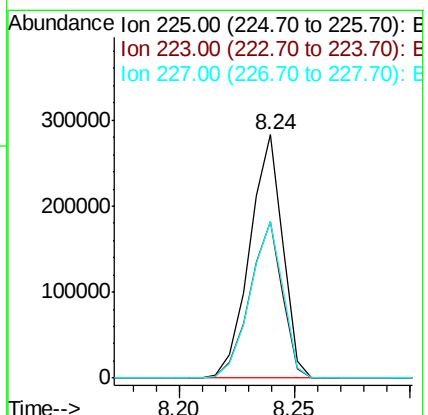
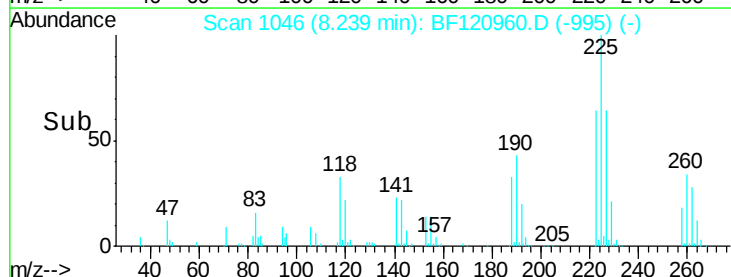
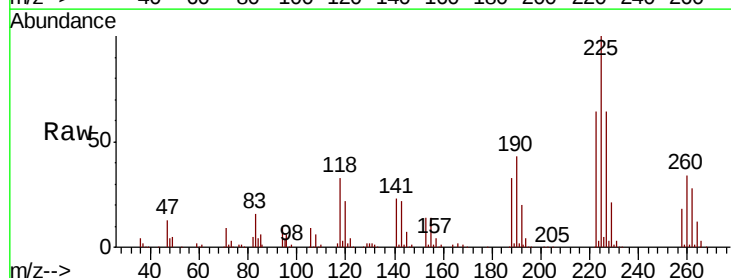
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:	127	Resp:	249154
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	27.4	23.0	34.4
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 39.616 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:	225	Resp:	281949
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	64.3	52.2	78.2

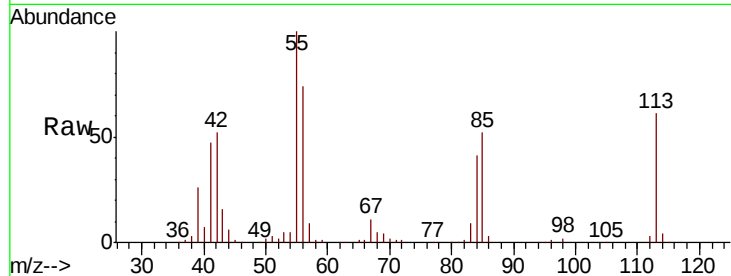




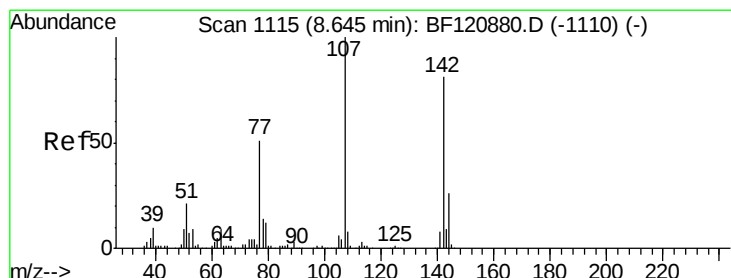
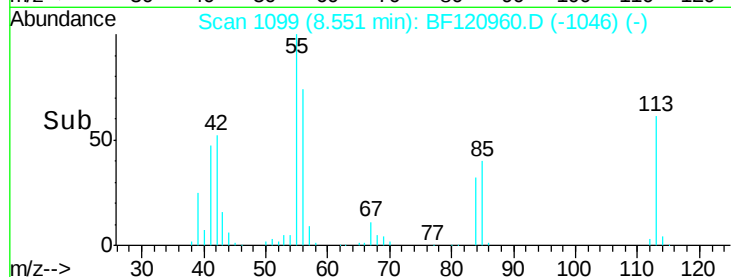
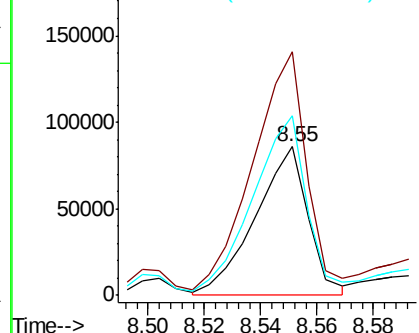
#35
Caprolactam
Concen: 32.103 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:113 Resp: 112025
Ion Ratio Lower Upper
113 100
55 163.7 143.3 183.3
56 121.2 99.4 139.4

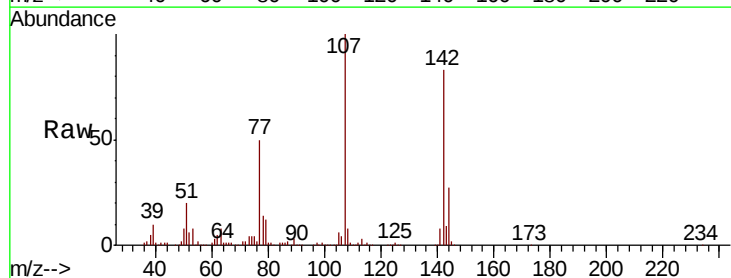


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

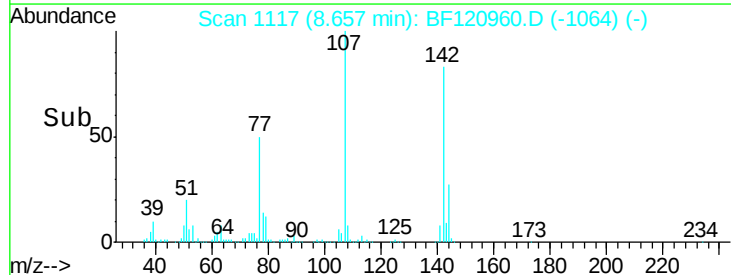
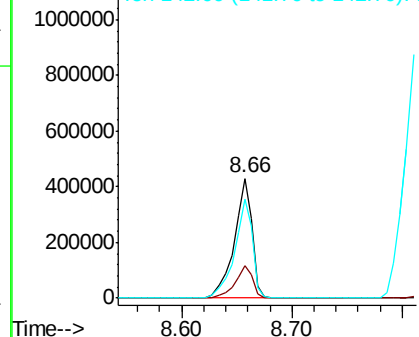


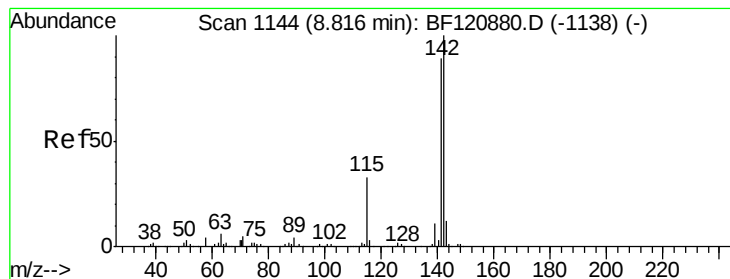
#36
4-Chloro-3-methylphenol
Concen: 43.532 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:107 Resp: 485826
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 83.0 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: 42.654 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

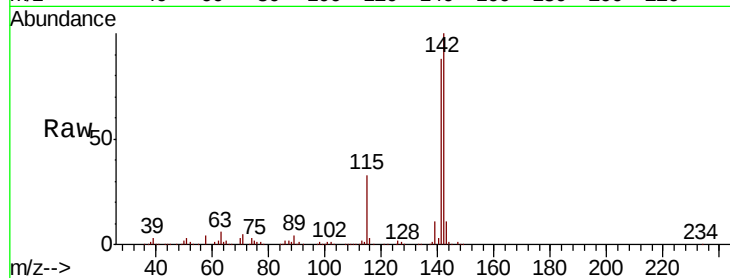
Tot Ion:142 Resp: 1053294

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4

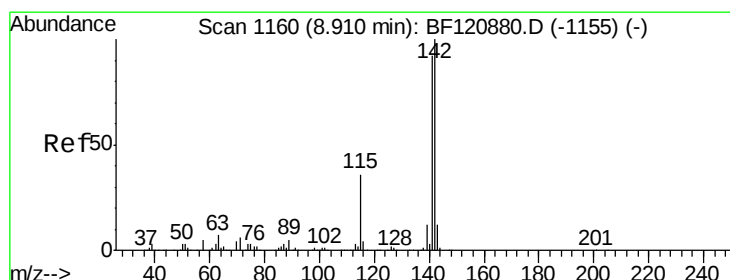
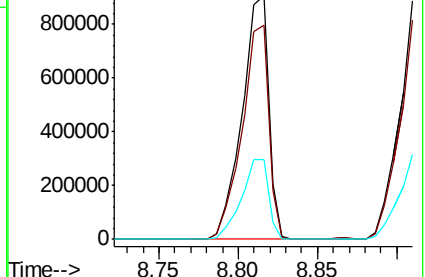
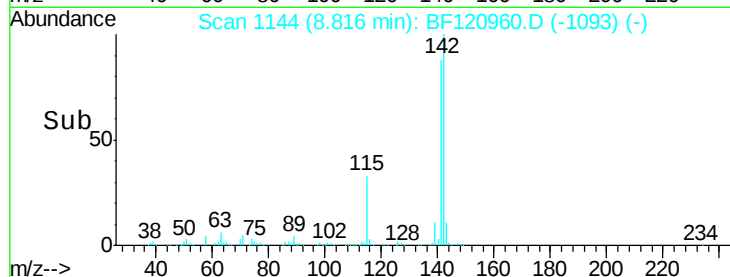
115 32.8 26.0 39.0



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: 42.360 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

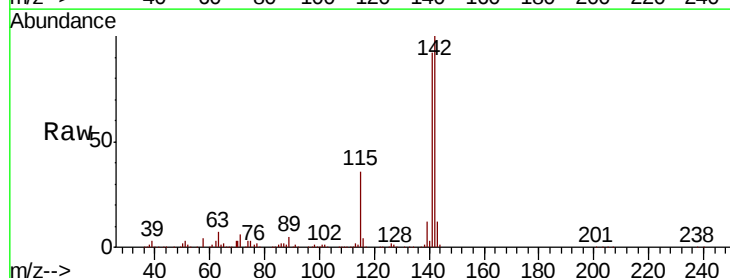
Tgt Ion:142 Resp: 990679

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

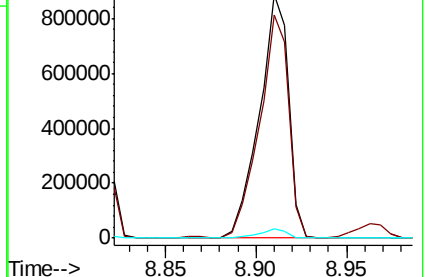
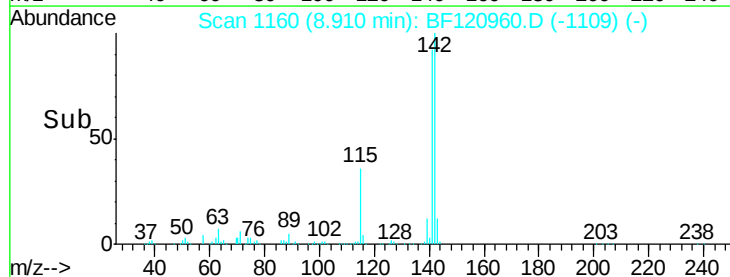
116 3.7 3.0 4.6



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: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

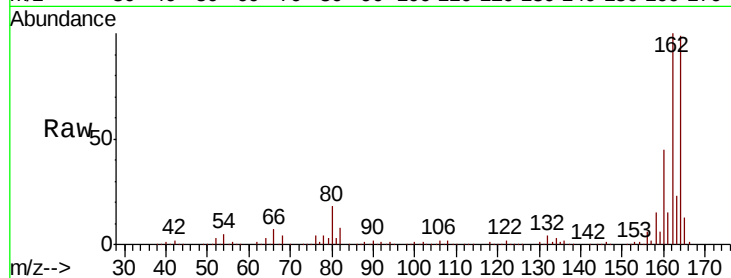
Tot Ion:164 Resp: 399658

Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

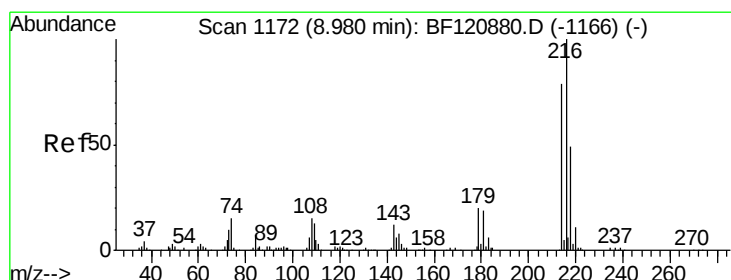
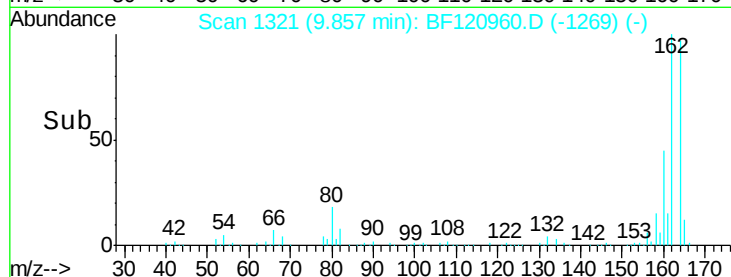
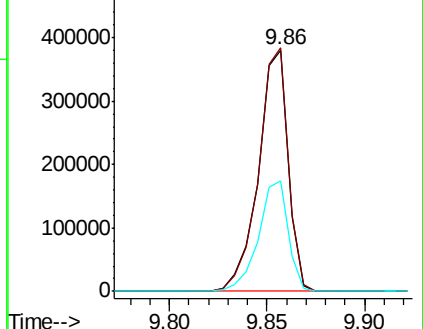
160 45.7 36.9 55.3



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: 39.436 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Tgt Ion:216 Resp: 459201

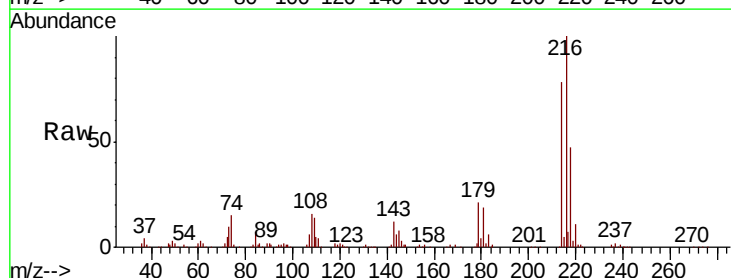
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 20.6 16.6 24.8

108 20.6 15.4 23.0

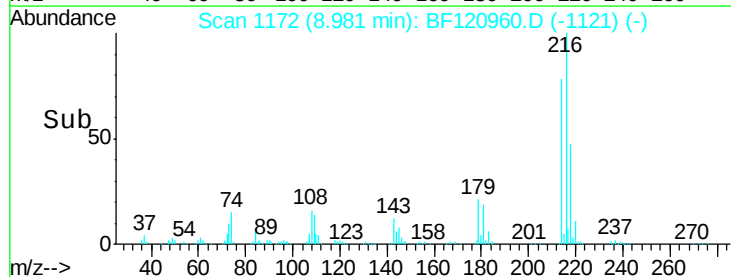
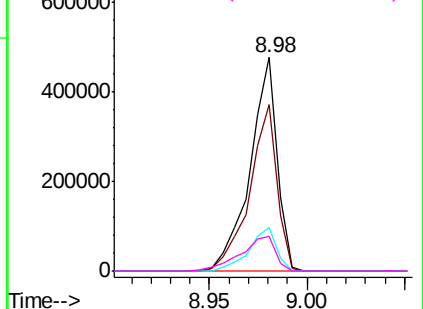


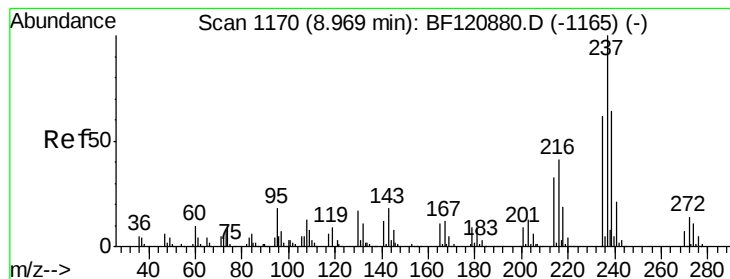
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.439 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

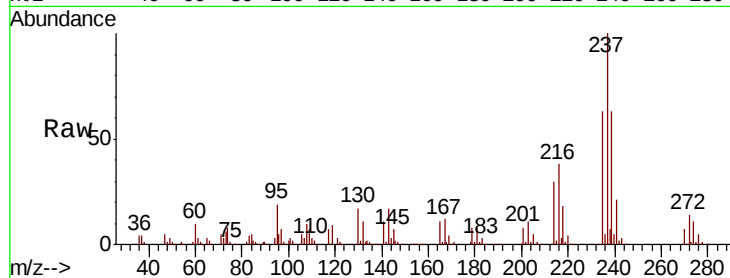
Tot Ion:237 Resp: 504803

Ion Ratio Lower Upper

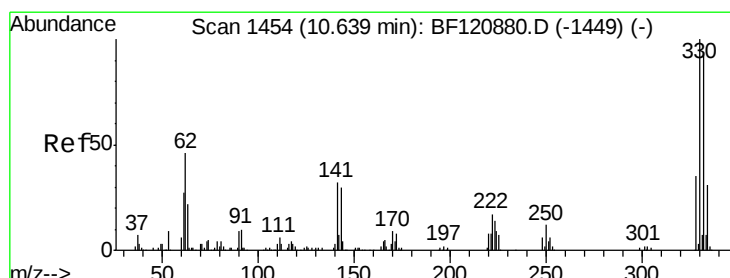
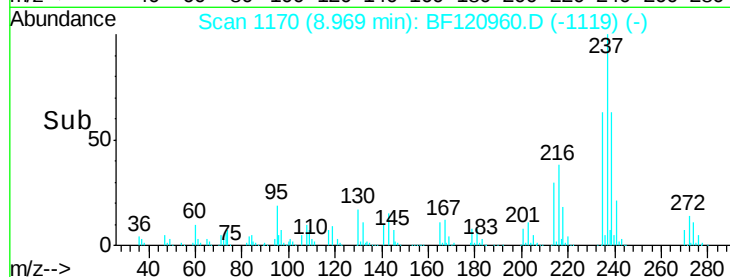
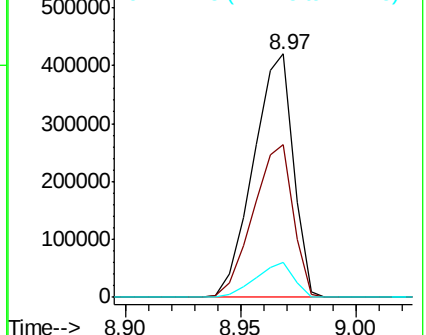
237 100

235 62.8 41.6 81.6

272 14.2 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: 103.542 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

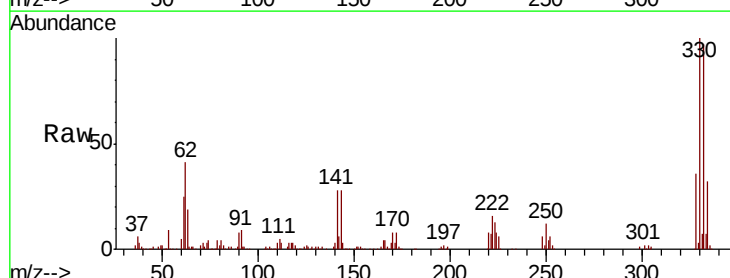
Tgt Ion:330 Resp: 452962

Ion Ratio Lower Upper

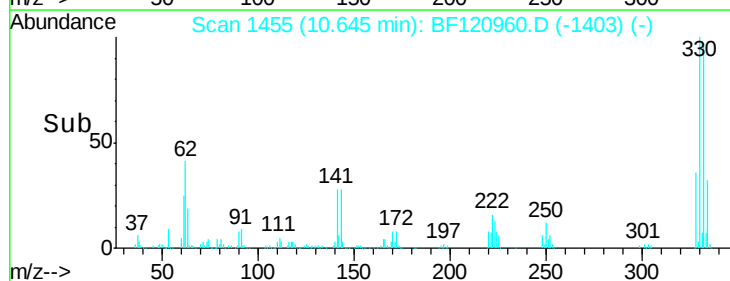
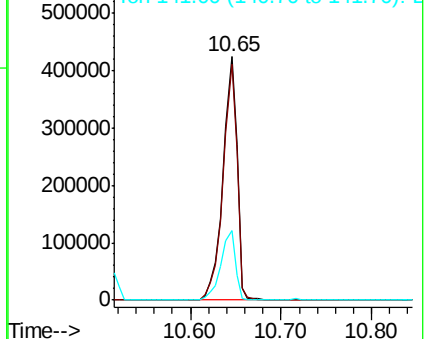
330 100

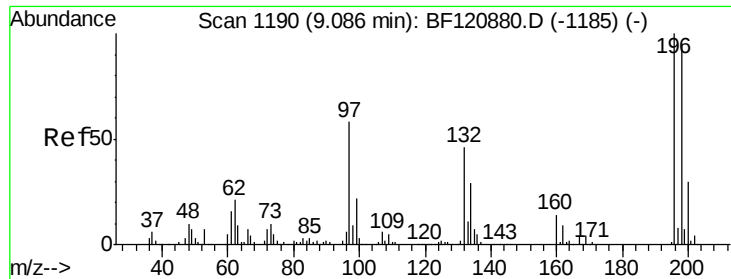
332 96.4 75.5 113.3

141 29.6 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

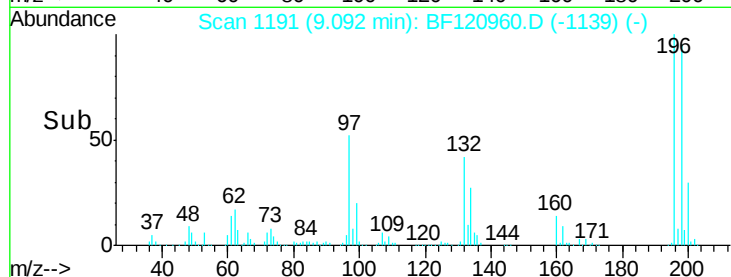
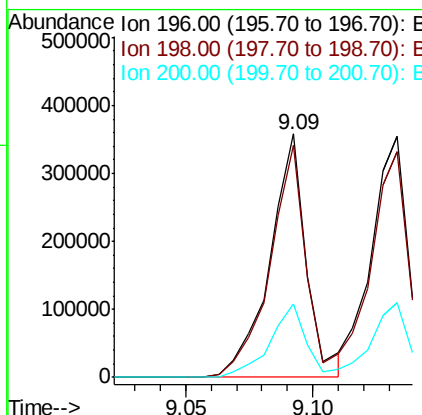
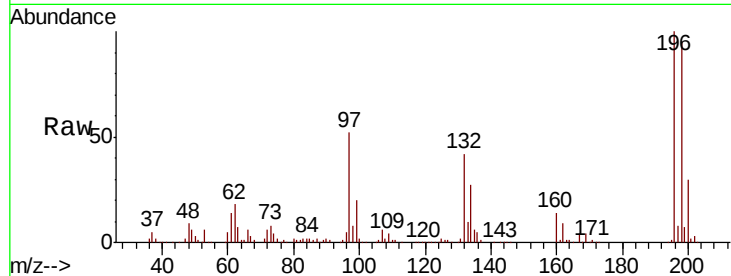




#43
 2,4,6-Trichlorophenol
 Concen: 43.888 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

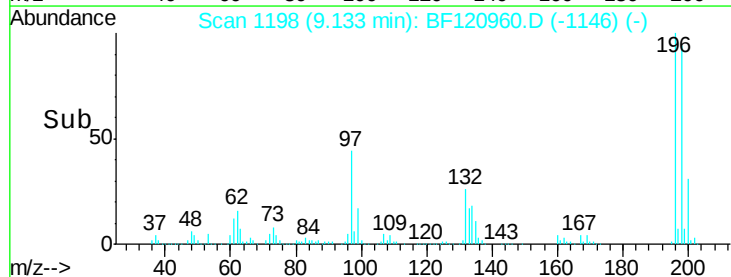
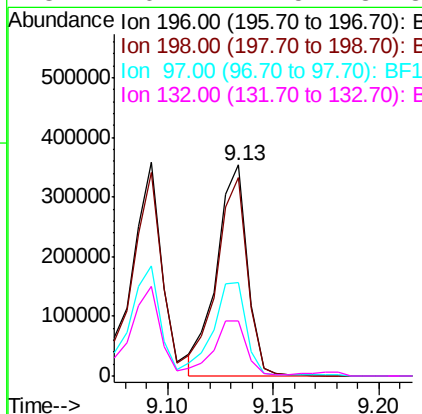
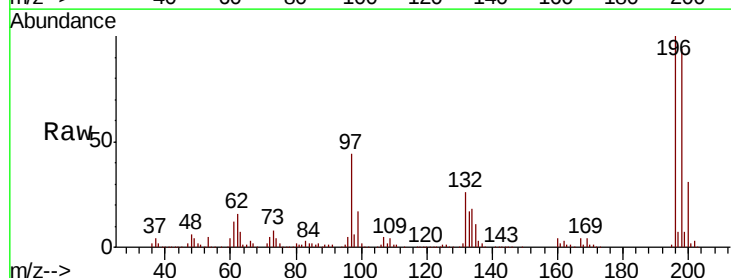
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

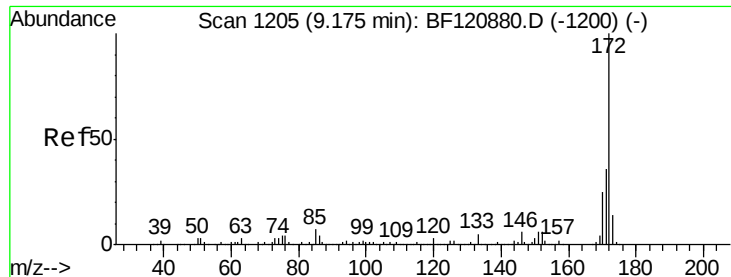
Tot Ion:196 Resp: 359822
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 30.3 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.279 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:196 Resp: 355997
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.6 116.4
 97 44.4 35.6 53.4
 132 26.2 21.5 32.3

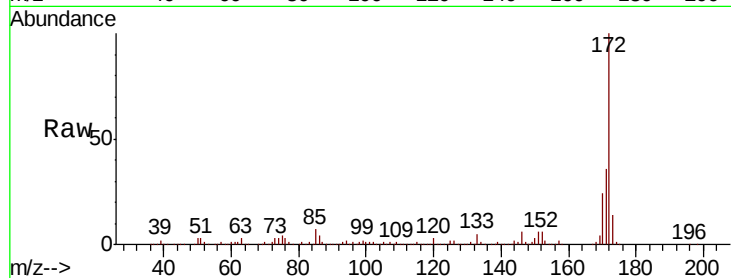




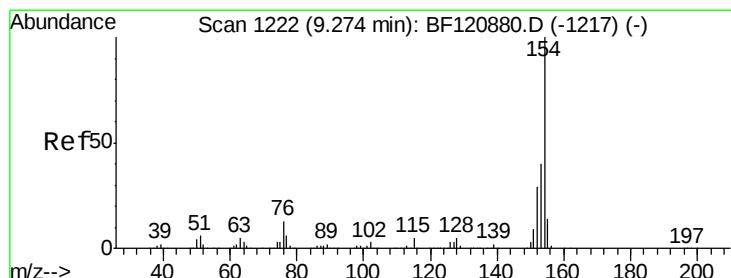
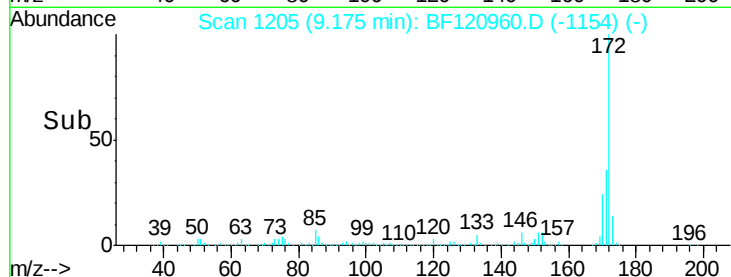
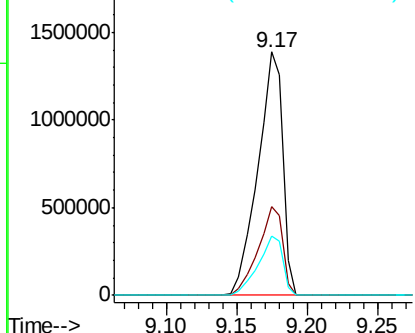
#45
2-Fluorobiphenyl
Concen: 64.550 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:172 Resp: 1727885
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.4 19.6 29.4

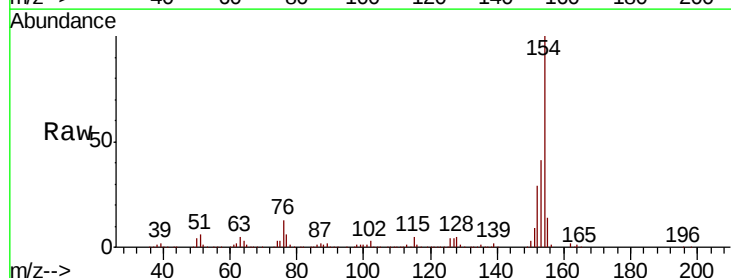


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

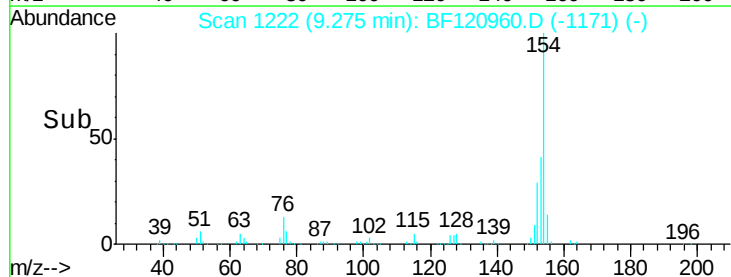
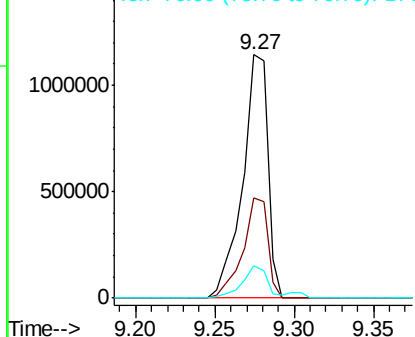


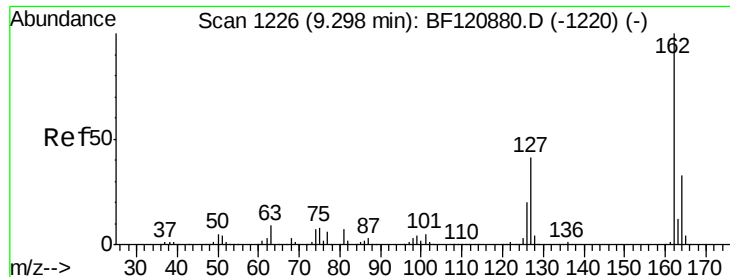
#46
1,1'-Biphenyl
Concen: 41.310 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:154 Resp: 1259375
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 13.3 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

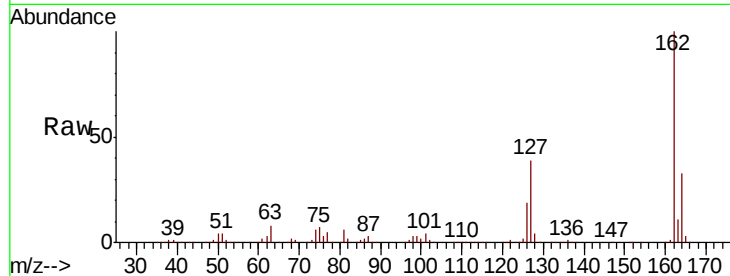




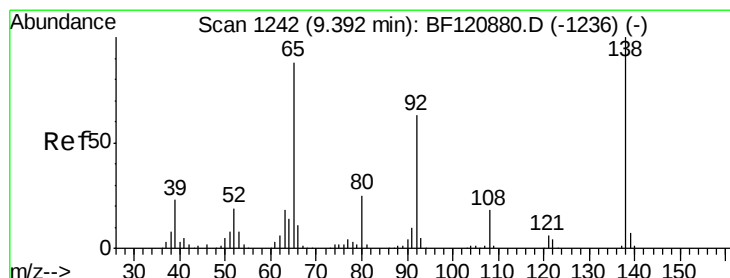
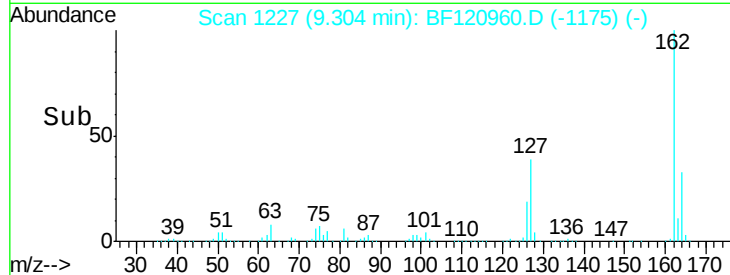
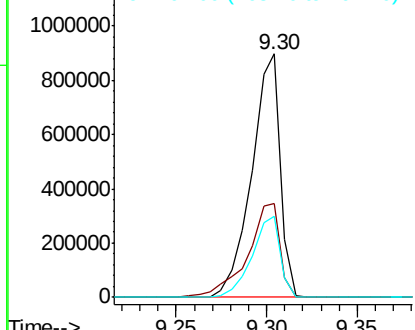
#47
 2-Chloronaphthalene
 Concen: 39.564 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.3	49.9
164	33.4	26.6	39.8

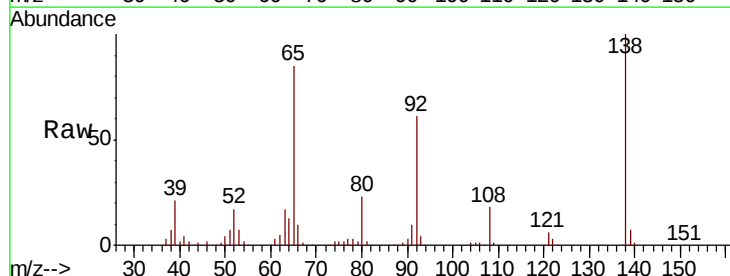


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

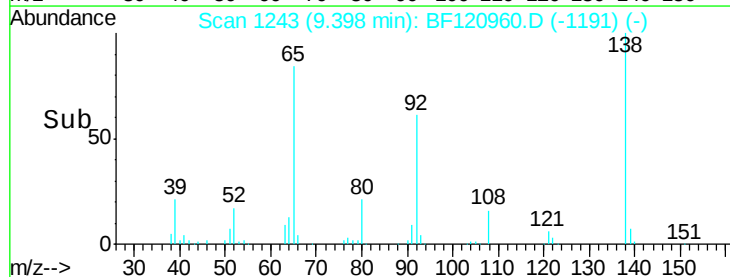
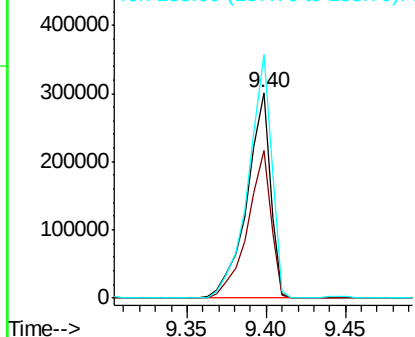


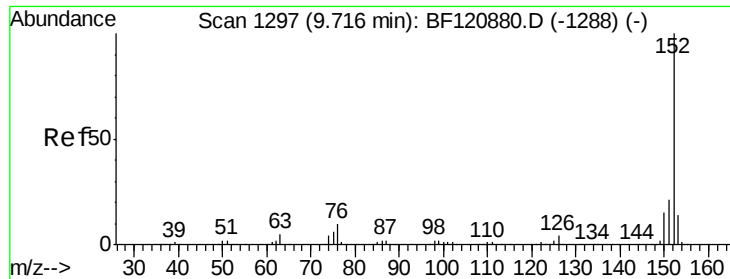
#48
 2-Nitroaniline
 Concen: 41.416 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	57.0	85.4
138	118.3	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: 40.902 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

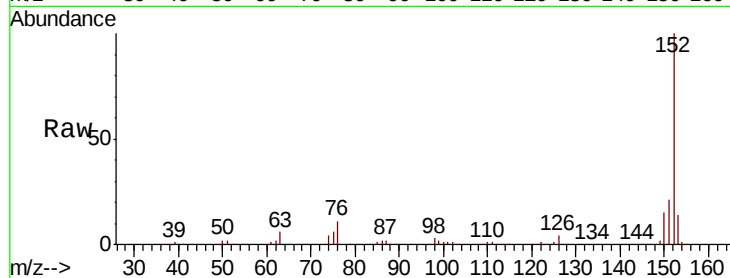
Tot Ion:152 Resp: 1579353

Ion Ratio Lower Upper

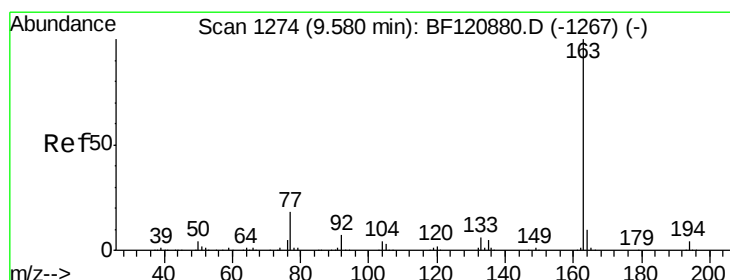
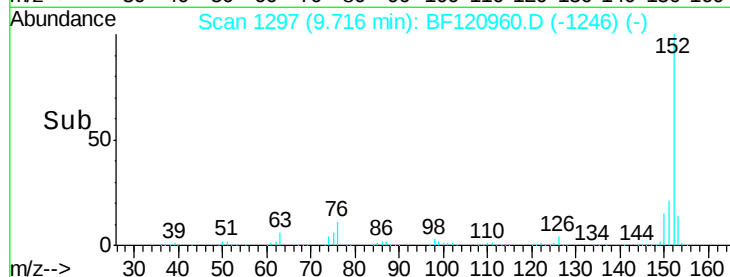
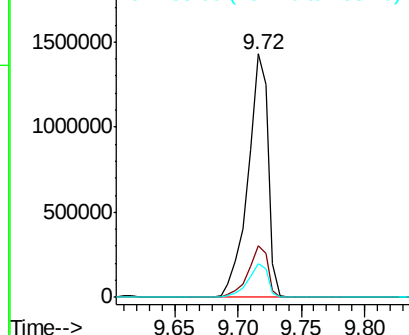
152 100

151 21.0 16.6 25.0

153 13.8 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: 49.475 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

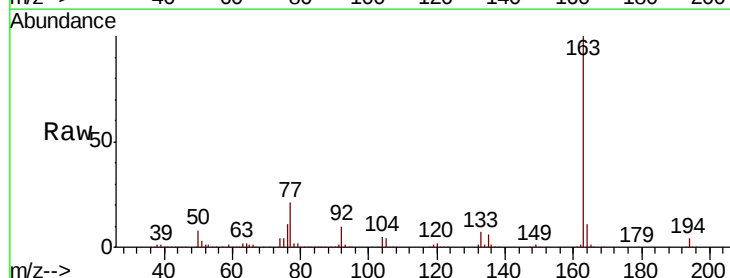
Tgt Ion:163 Resp: 1426503

Ion Ratio Lower Upper

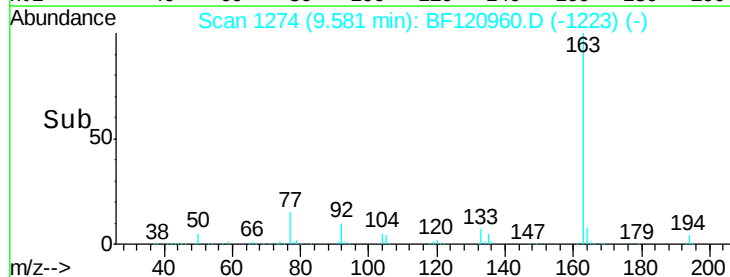
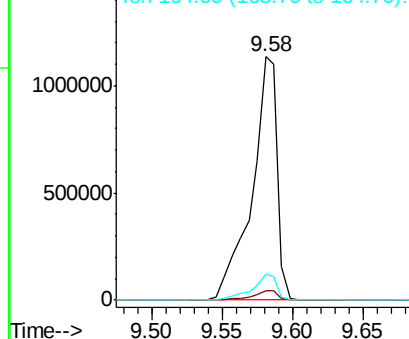
163 100

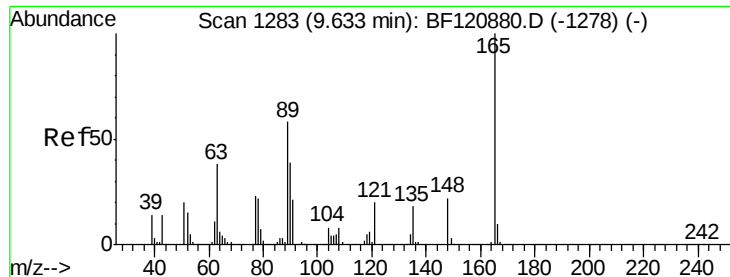
194 3.8 3.2 4.8

164 10.7 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

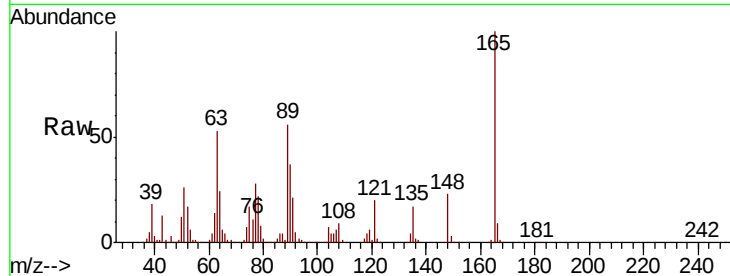




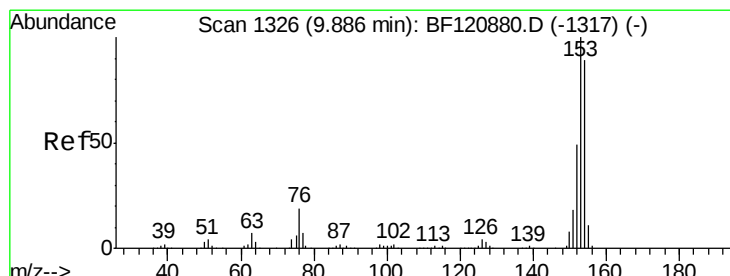
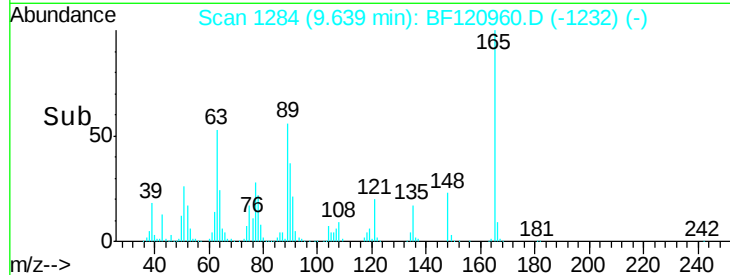
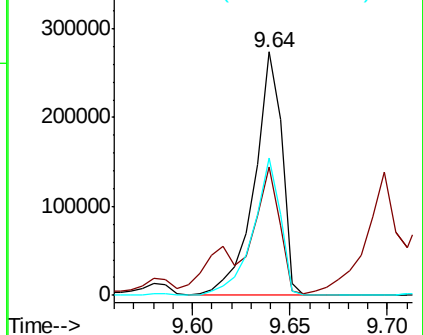
#51
 2,6-Dinitrotoluene
 Concen: 43.412 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:165 Resp: 268913
 Ion Ratio Lower Upper
 165 100
 63 52.7 45.4 68.2
 89 56.4 47.0 70.4

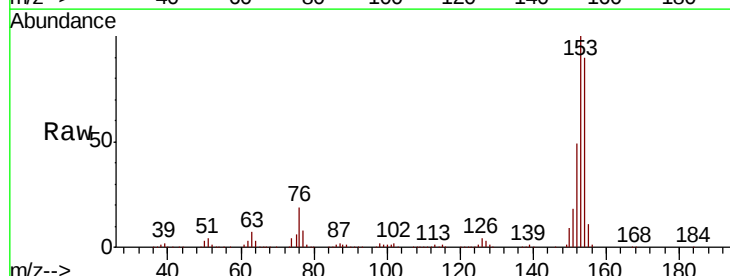


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

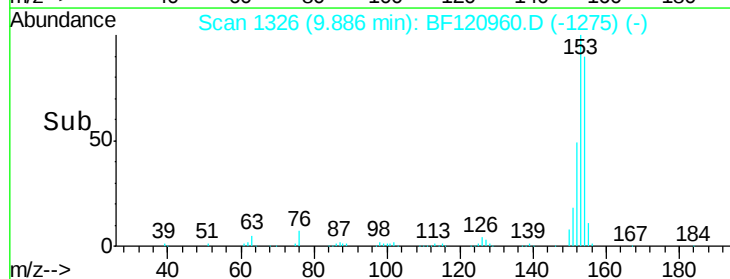
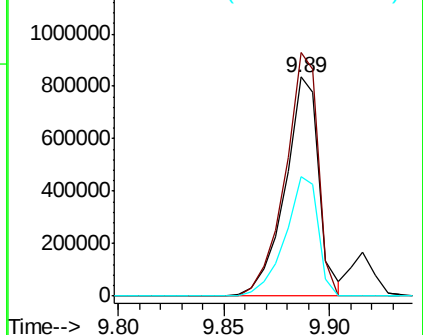


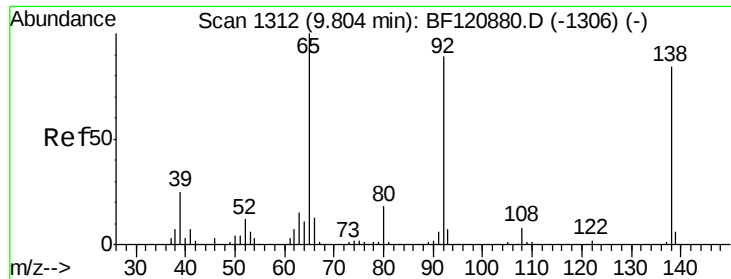
#52
 Acenaphthene
 Concen: 37.966 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:154 Resp: 932029
 Ion Ratio Lower Upper
 154 100
 153 111.2 89.5 134.3
 152 54.4 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

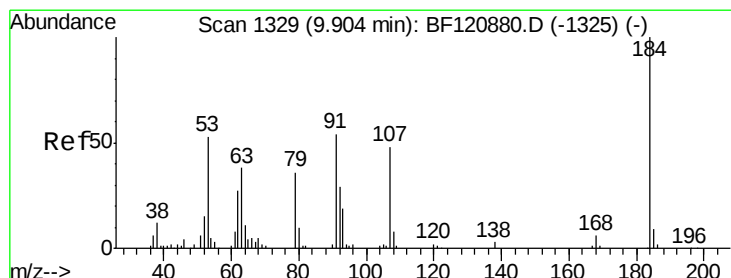
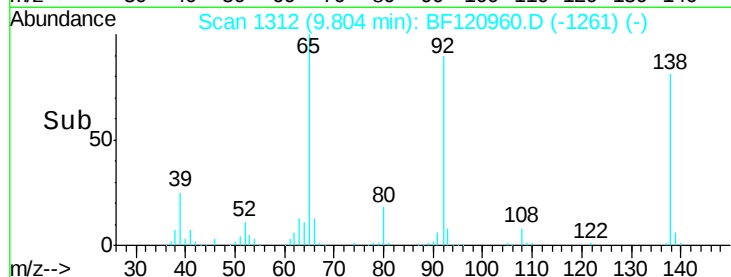
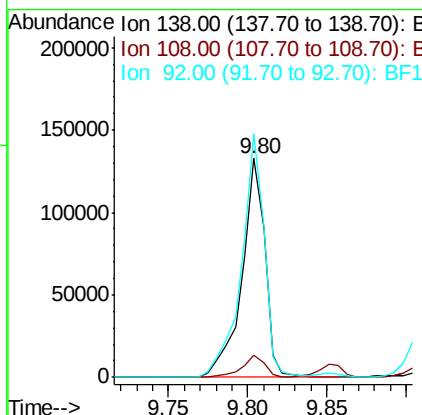
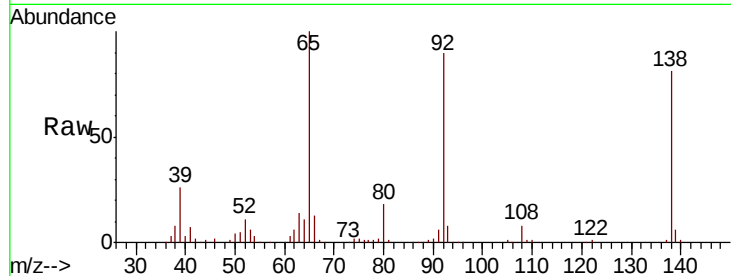




#53
3-Nitroaniline
Concen: 17.197 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

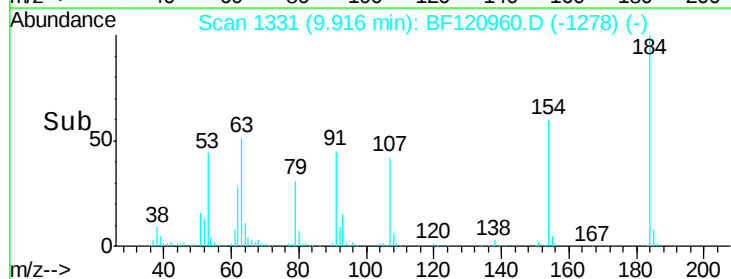
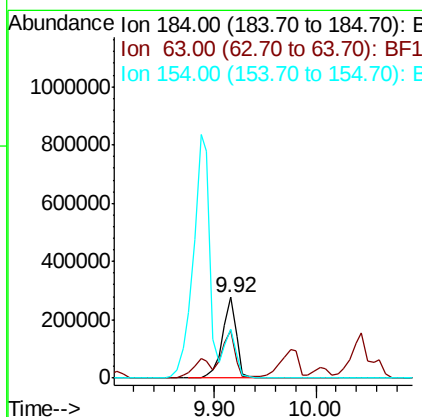
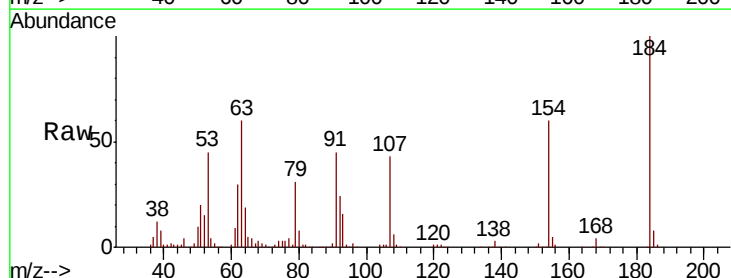
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

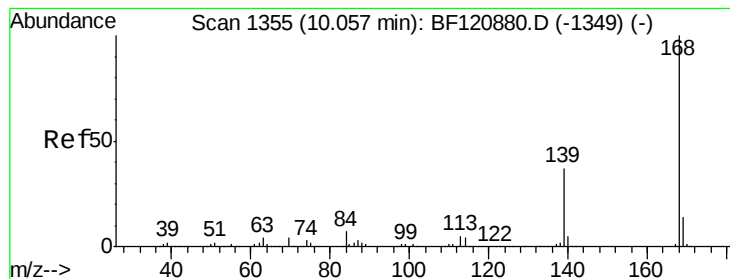
Tot Ion:138 Resp: 133601
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 111.2 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 75.384 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:184 Resp: 267248
Ion Ratio Lower Upper
184 100
63 59.6 57.9 86.9
154 60.0 52.6 78.8





#55

Dibenzenofuran

Concen: 39.785 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

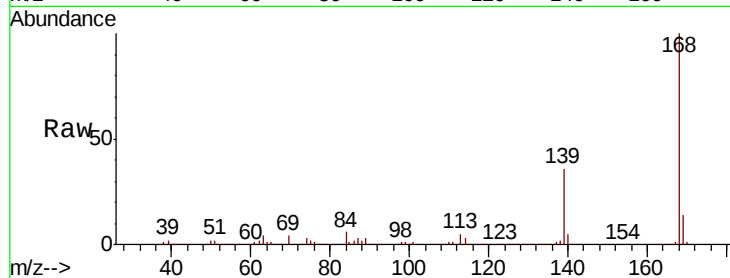
Tot Ion:168 Resp: 1412402

Ion Ratio Lower Upper

168 100

139 36.4 29.7 44.5

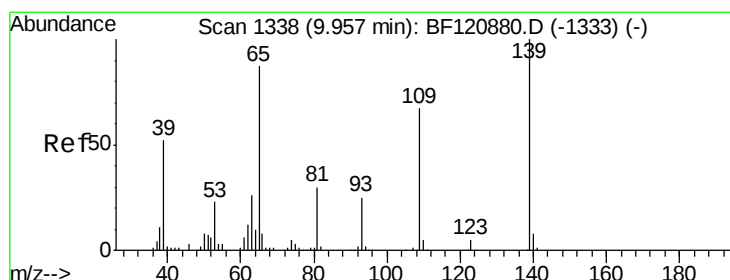
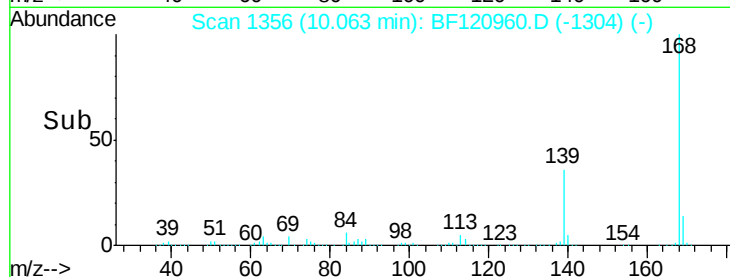
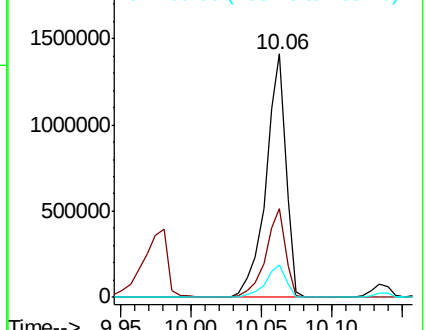
169 13.5 11.1 16.7



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: 82.114 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

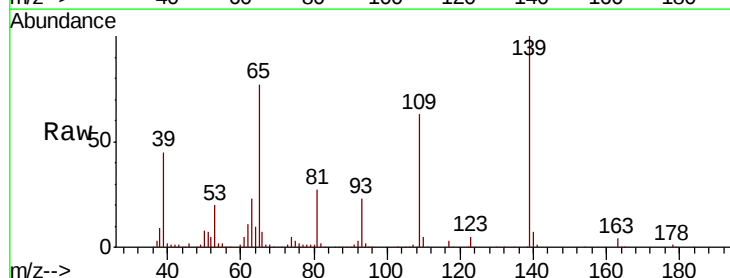
Tgt Ion:139 Resp: 484600

Ion Ratio Lower Upper

139 100

109 62.8 47.3 87.3

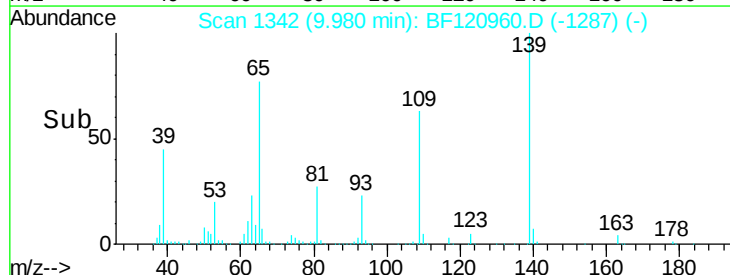
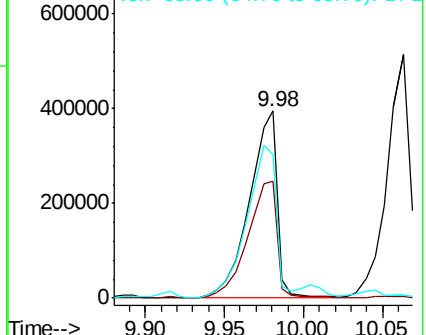
65 77.1 67.2 107.2

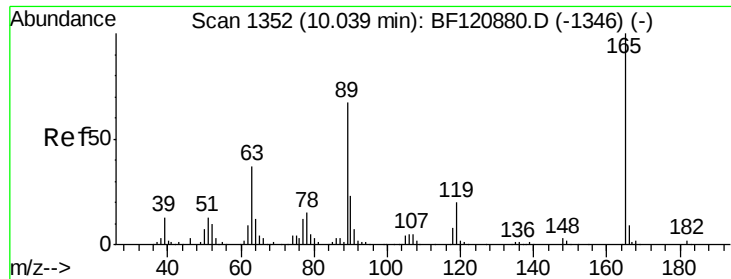


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

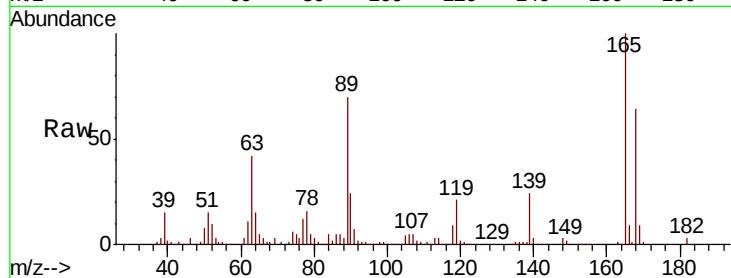




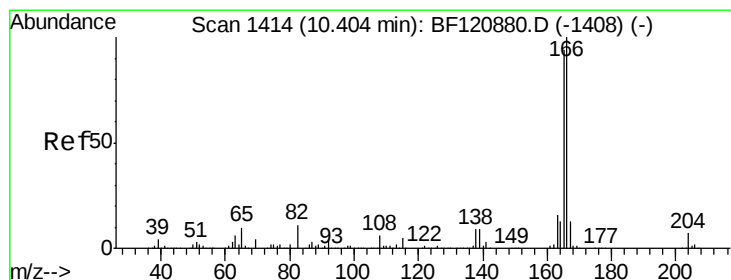
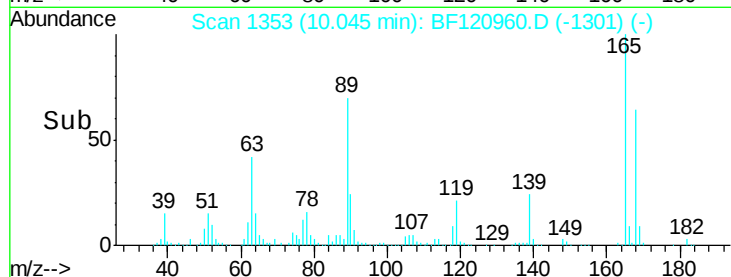
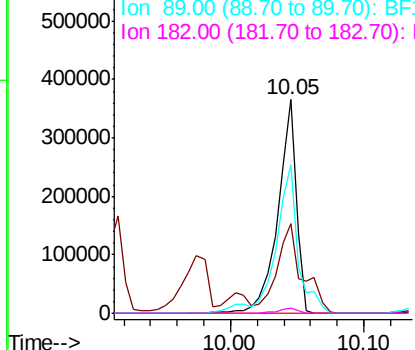
#57
2,4-Dinitrotoluene
Concen: 43.928 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:165 Resp: 357341
Ion Ratio Lower Upper
165 100
63 42.3 29.4 44.2
89 69.5 53.4 80.0
182 2.5 1.8 2.6

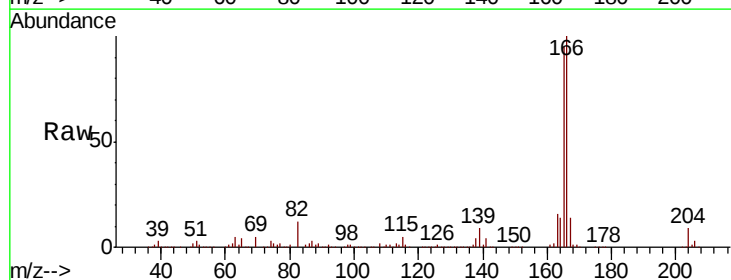


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

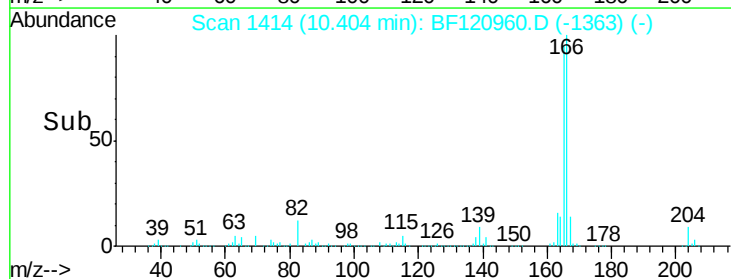
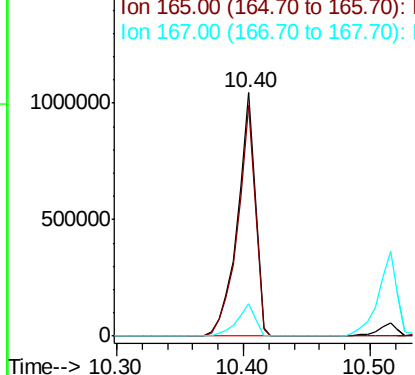


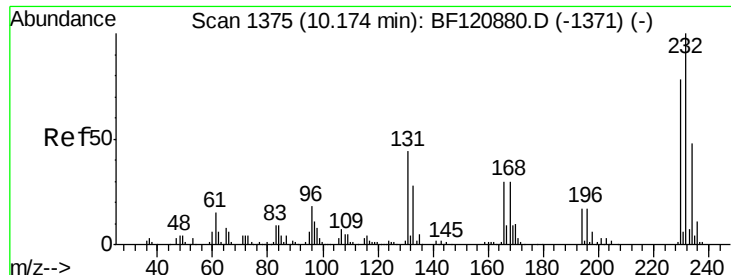
#58
Fluorene
Concen: 38.023 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:166 Resp: 1006743
Ion Ratio Lower Upper
166 100
165 94.8 75.4 113.0
167 13.5 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

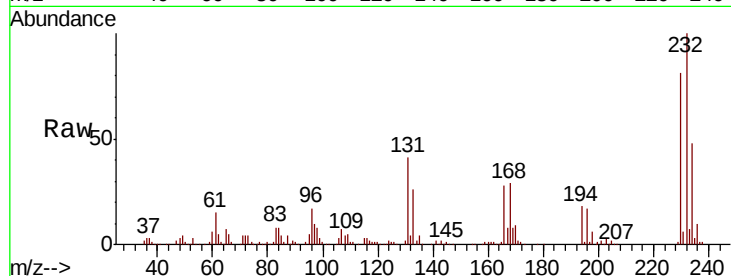




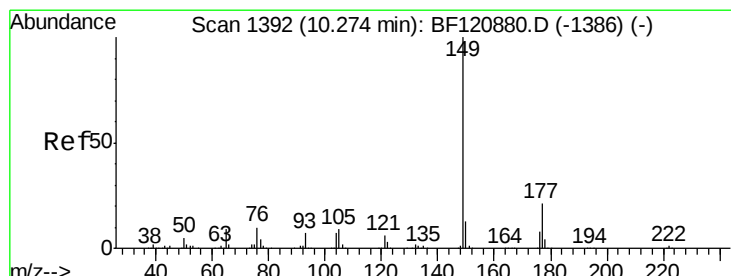
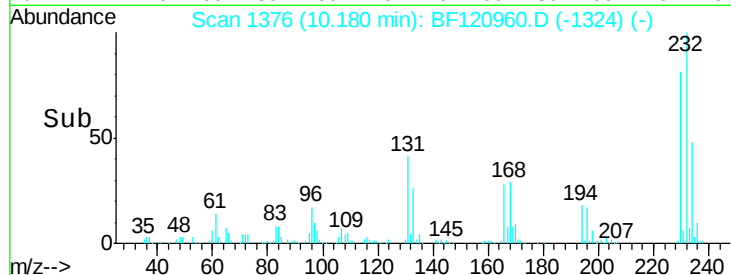
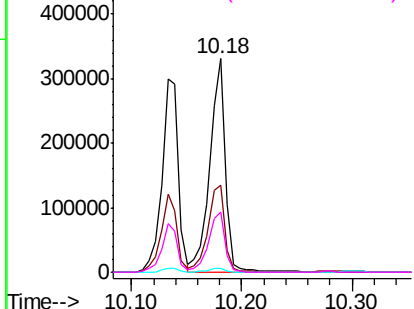
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.403 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:232 Resp: 314413
 Ion Ratio Lower Upper
 232 100
 131 43.9 37.1 55.7
 130 2.2 1.7 2.5
 166 29.9 24.2 36.4

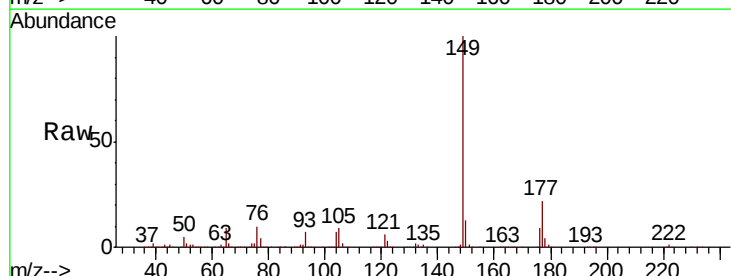


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

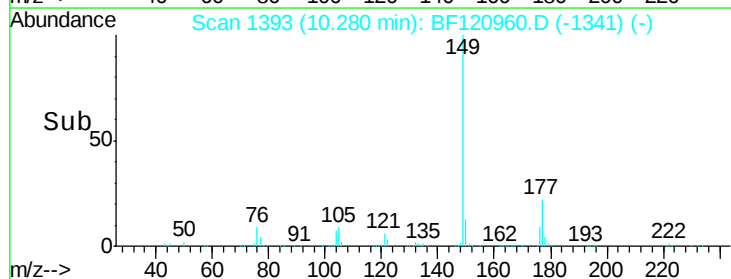
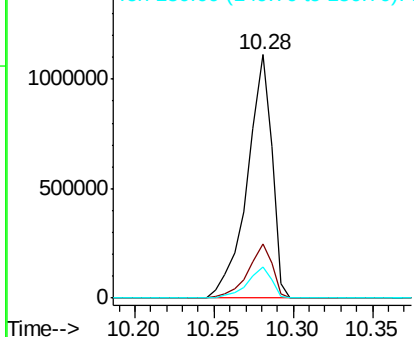


#60
 Diethylphthalate
 Concen: 41.256 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:149 Resp: 1203165
 Ion Ratio Lower Upper
 149 100
 177 22.1 17.1 25.7
 150 12.7 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

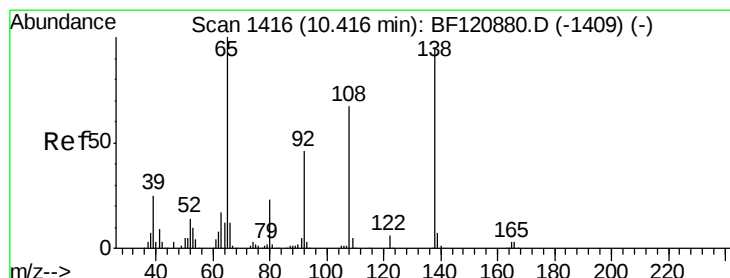
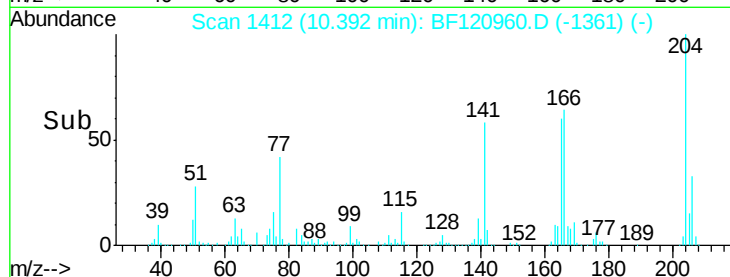
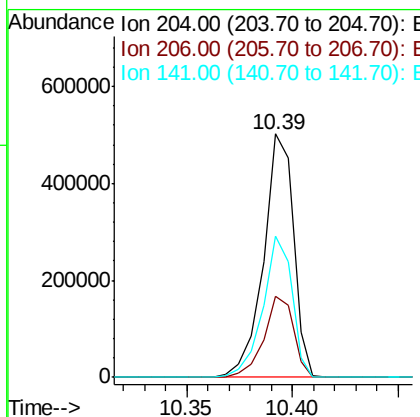
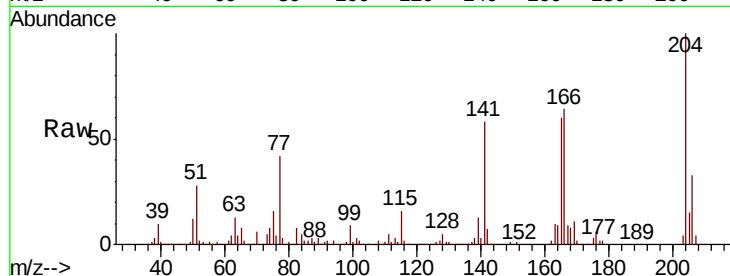




#61
4-Chlorophenyl-phenylether
Concen: 35.201 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

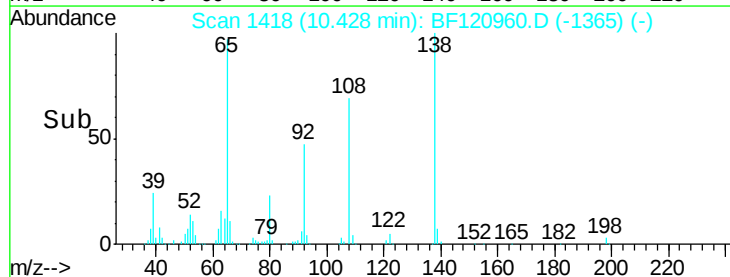
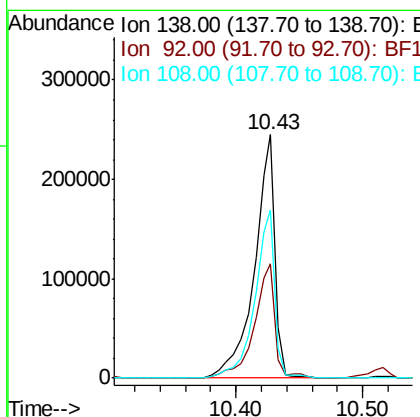
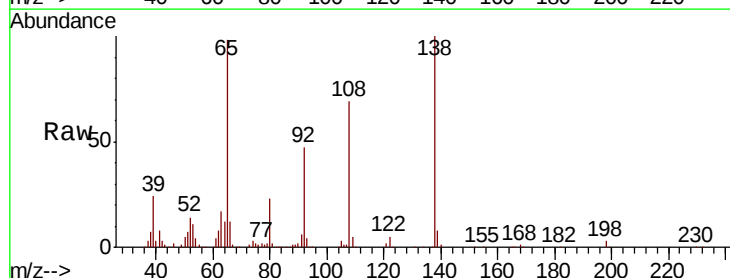
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

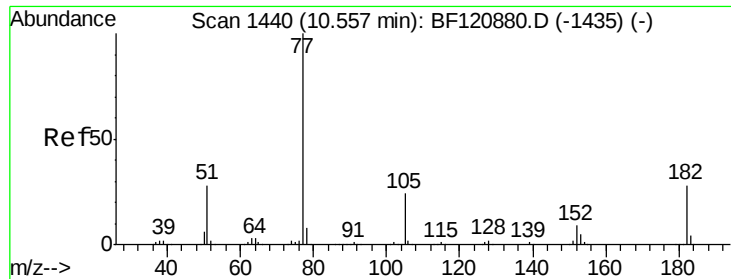
Tot Ion:204 Resp: 497118
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 57.8 47.2 70.8



#62
4-Nitroaniline
Concen: 36.670 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:138 Resp: 277508
Ion Ratio Lower Upper
138 100
92 47.0 28.6 68.6
108 69.3 51.1 91.1





#63

Azobenzene

Concen: 40.142 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

Tot Ion: 77 Resp: 1114505

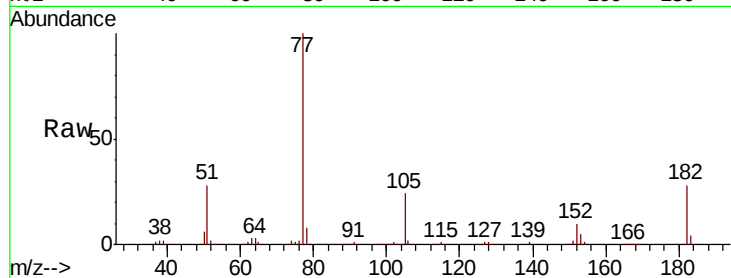
Ion Ratio Lower Upper

77 100

182 28.1 7.8 47.8

105 24.2 4.4 44.4

51 28.3 8.0 48.0

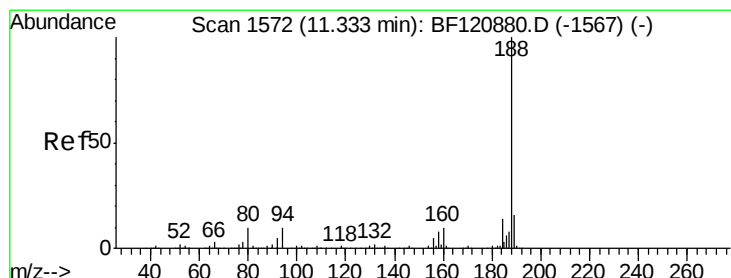
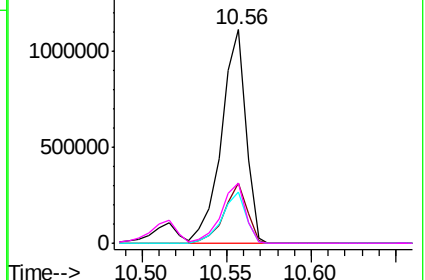
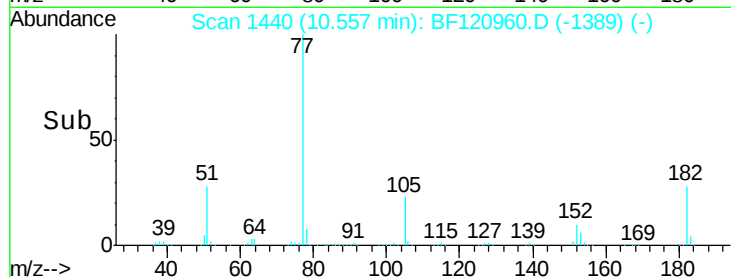


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF120960.D

Acq: 21 Jul 2020 18:18

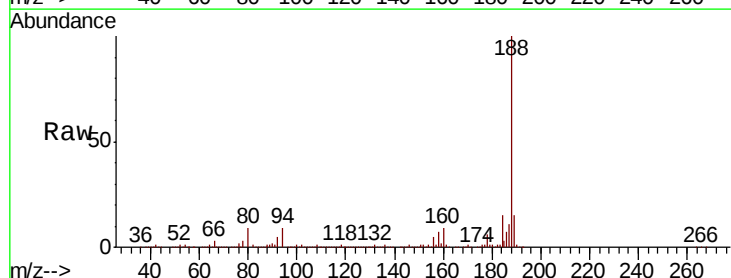
Tgt Ion: 188 Resp: 780439

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

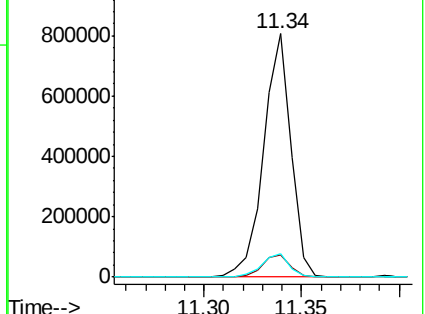
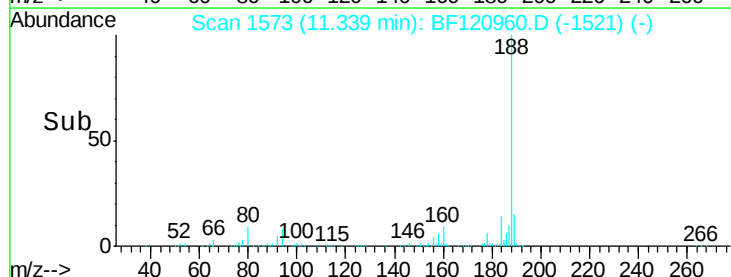
80 9.5 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

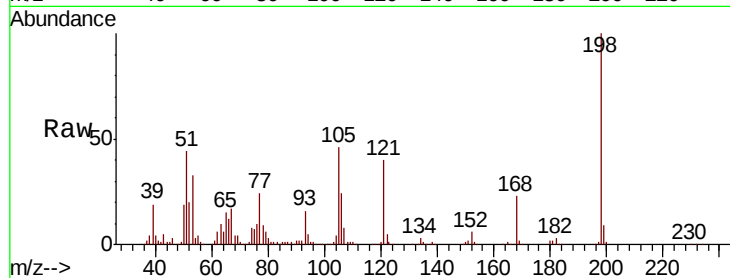




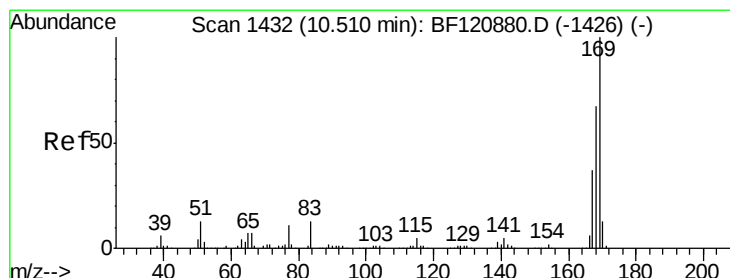
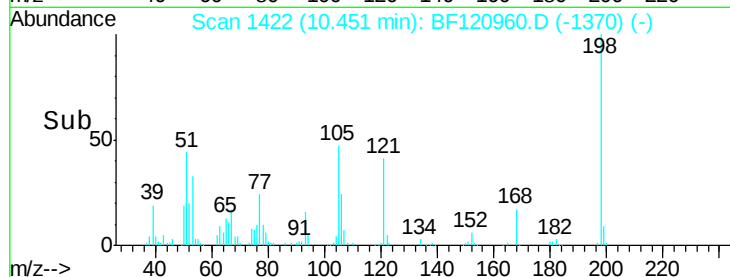
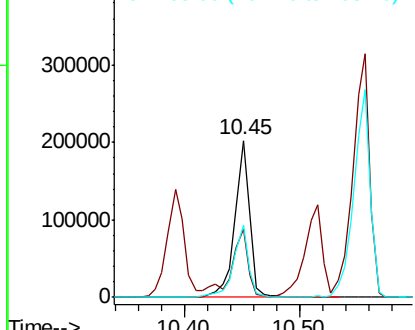
#65
4,6-Dinitro-2-methylphenol
Concen: 40.433 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:198 Resp: 179658
Ion Ratio Lower Upper
198 100
51 43.9 19.5 59.5
105 46.2 24.4 64.4

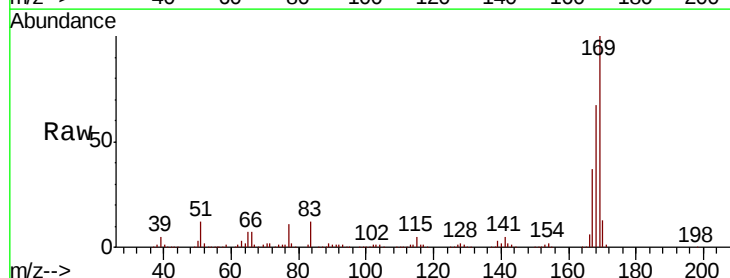


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

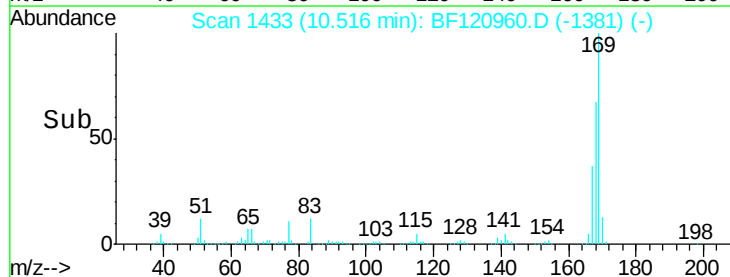
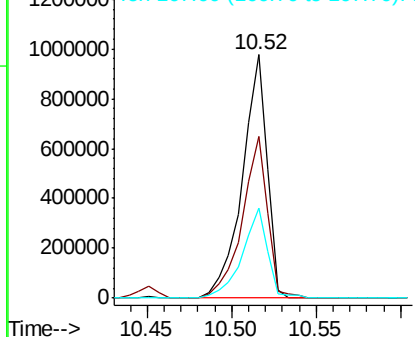


#66
n-Nitrosodiphenylamine
Concen: 40.976 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:169 Resp: 1006013
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 37.2 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

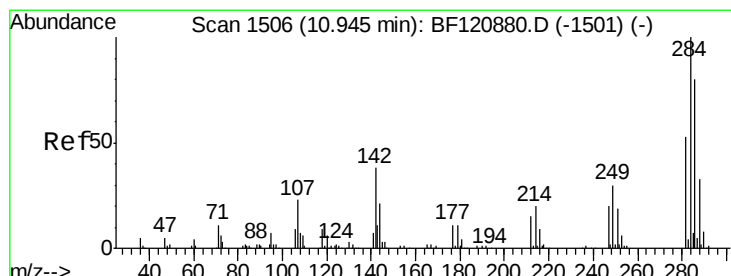
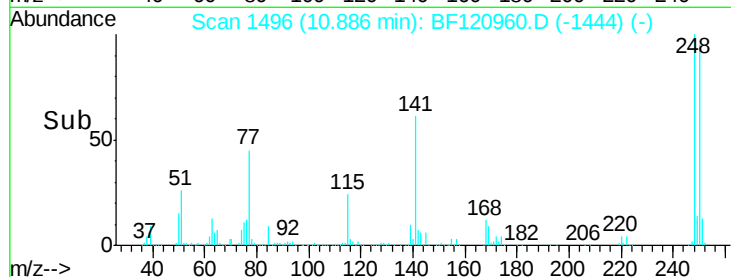
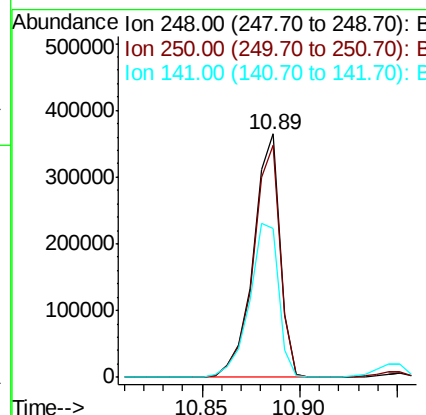
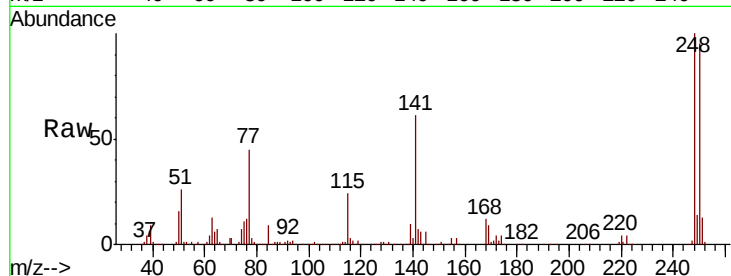




#67
 4-Bromophenyl-phenylether
 Concen: 39.807 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

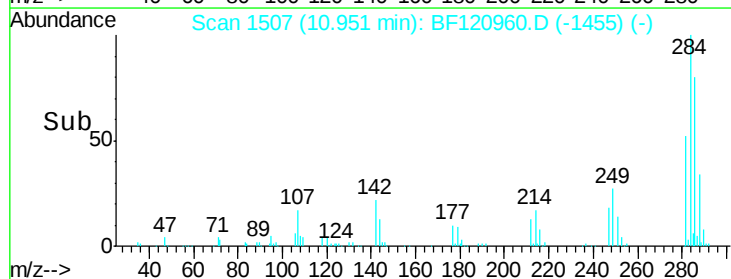
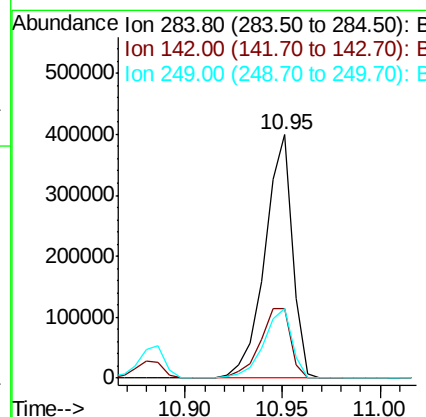
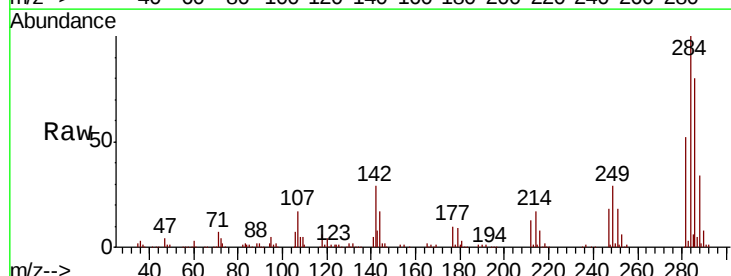
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

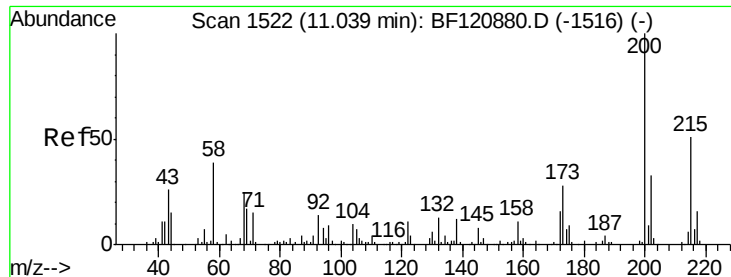
Tot Ion:248 Resp: 346369
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.1 115.7
 141 61.3 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 41.523 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:284 Resp: 390835
 Ion Ratio Lower Upper
 284 100
 142 28.6 30.2 45.2#
 249 28.6 24.2 36.2

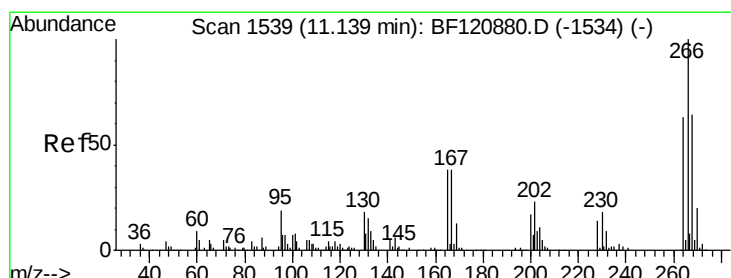
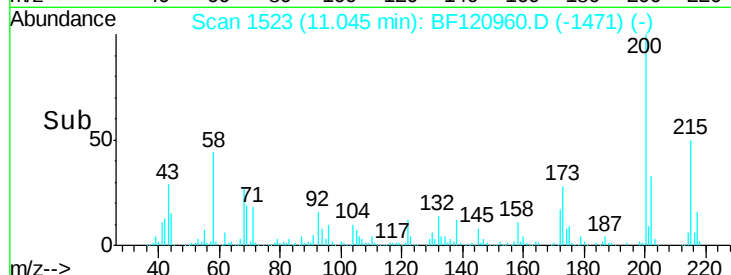
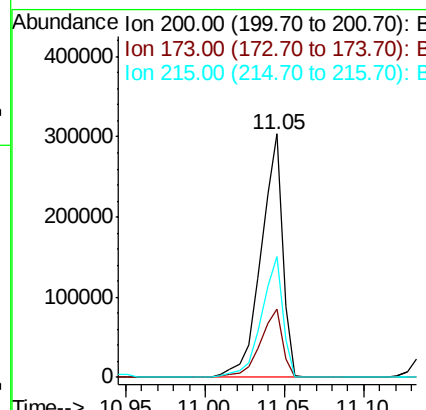
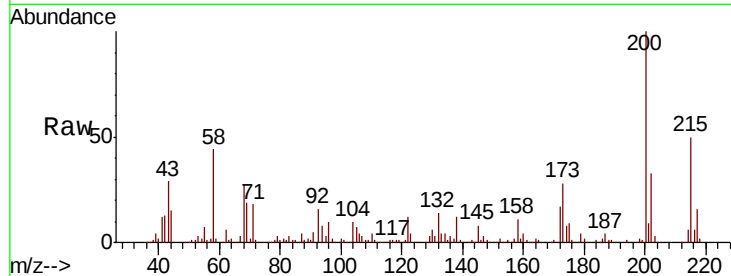




#69
Atrazine
Concen: 47.591 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

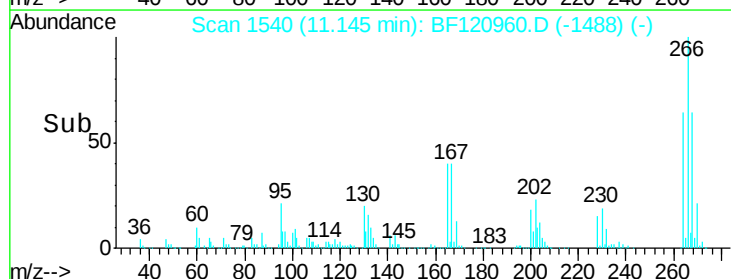
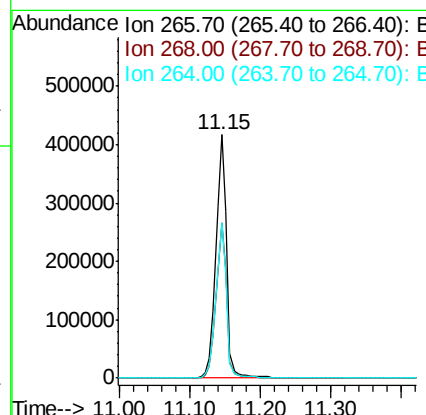
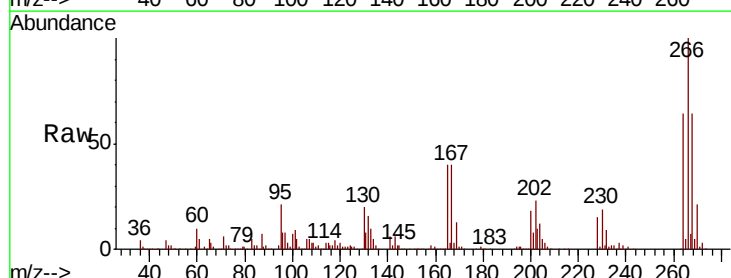
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

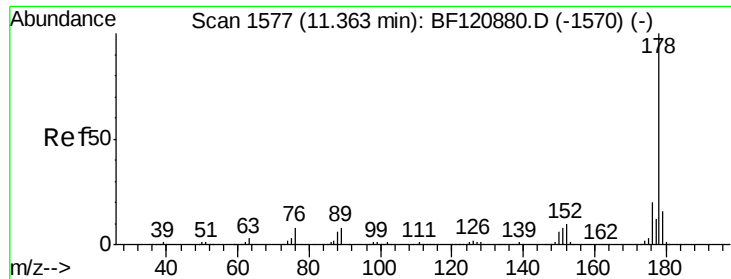
Tot Ion:200 Resp: 289363
Ion Ratio Lower Upper
200 100
173 28.0 8.0 48.0
215 49.7 31.5 71.5



#70
Pentachlorophenol
Concen: 82.408 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:266 Resp: 444367
Ion Ratio Lower Upper
266 100
268 63.7 51.1 76.7
264 63.8 50.2 75.2

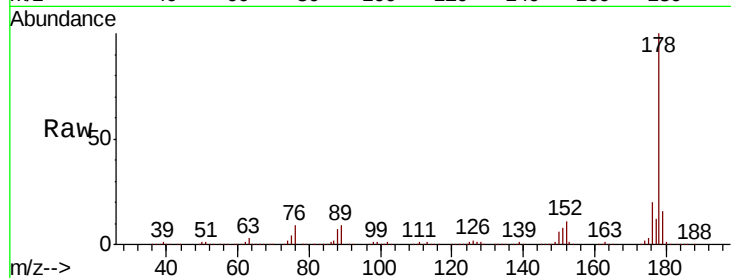




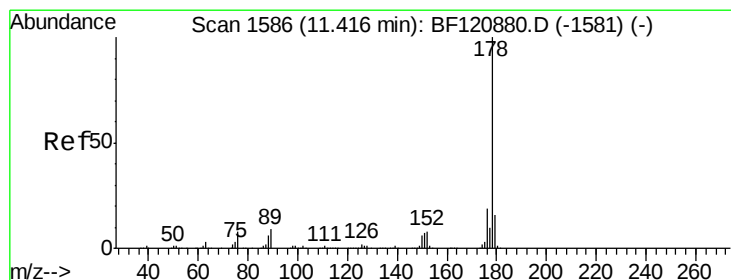
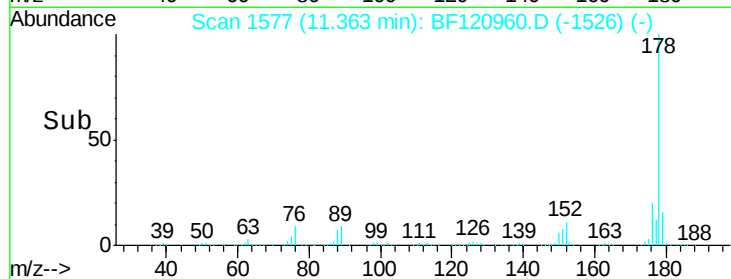
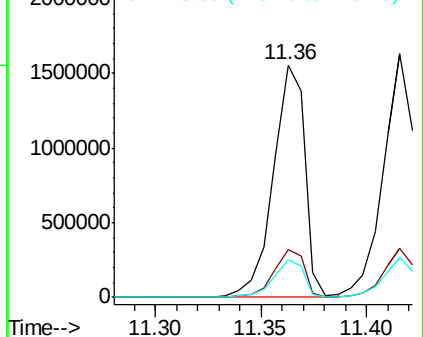
#71
Phenanthrene
Concen: 40.445 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:178 Resp: 1623385
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.0 12.8 19.2

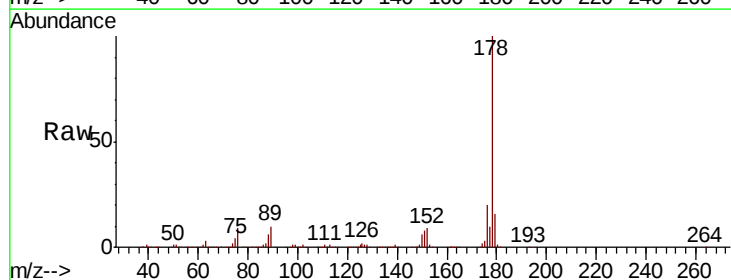


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

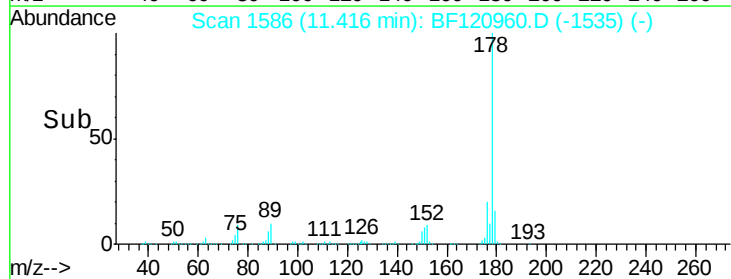
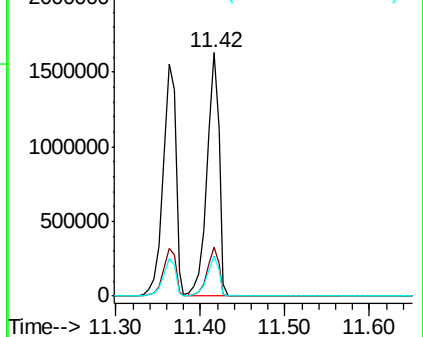


#72
Anthracene
Concen: 40.404 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:178 Resp: 1628456
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.4 12.8 19.2



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

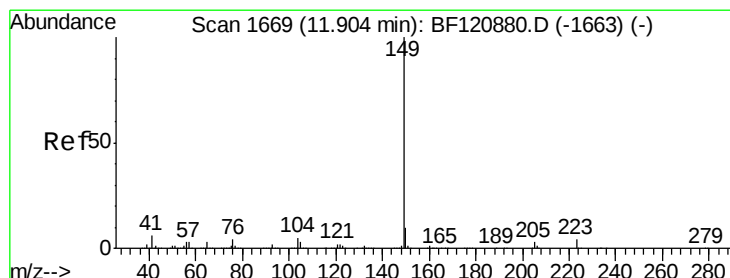
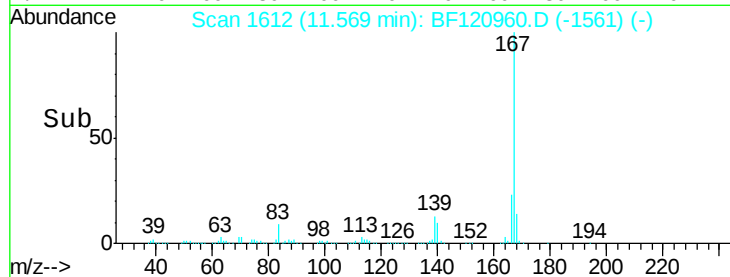
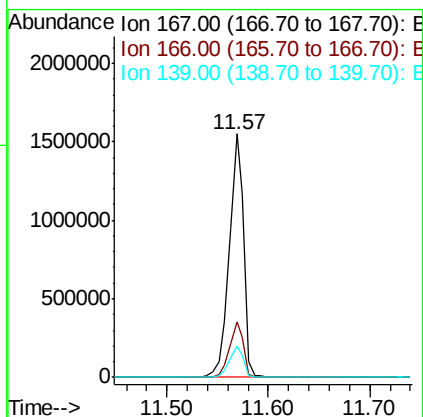
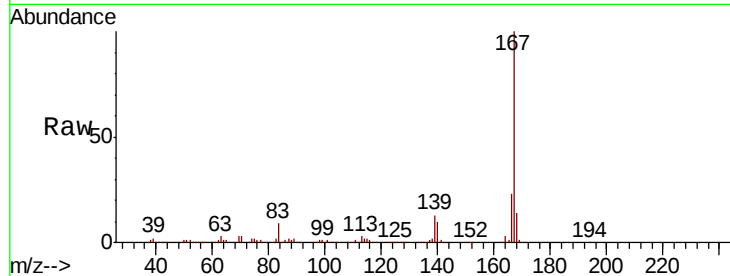




#73
 Carbazole
 Concen: 38.036 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

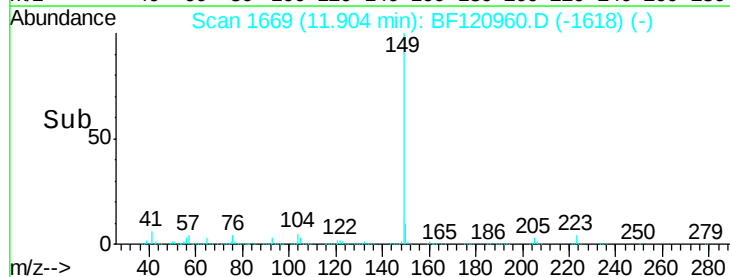
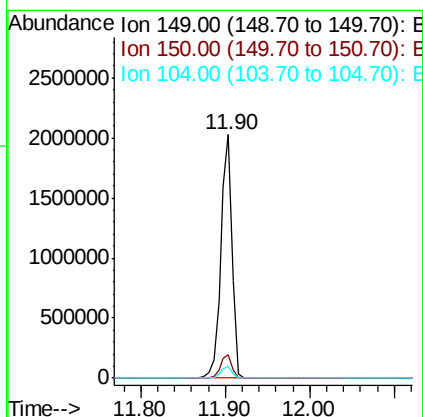
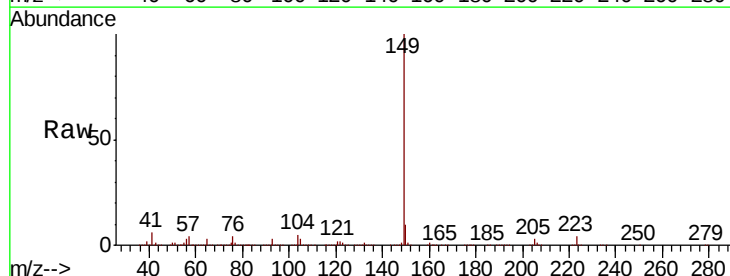
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

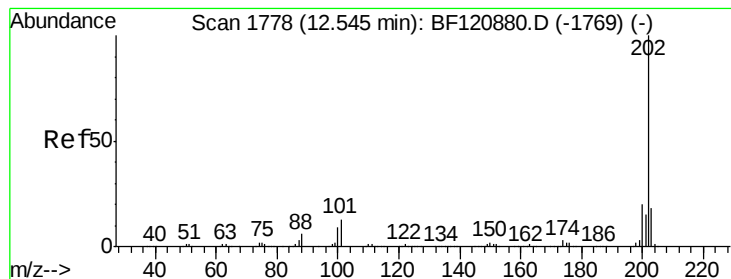
Tot Ion:167 Resp: 1521369
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 40.801 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:149 Resp: 1883293
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.0 3.8 5.6

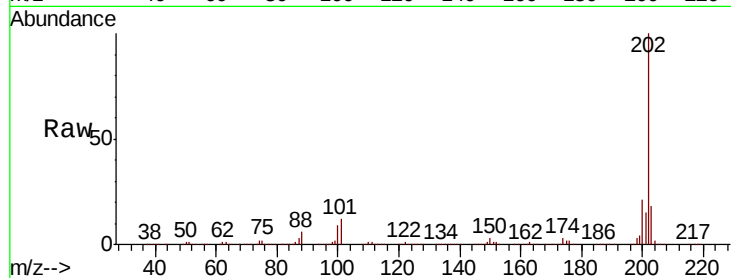




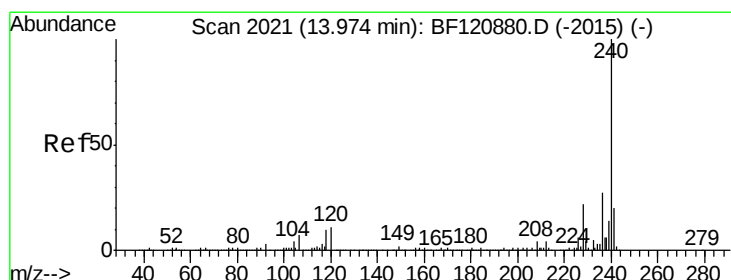
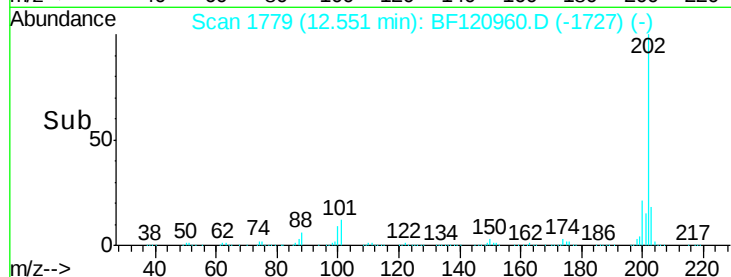
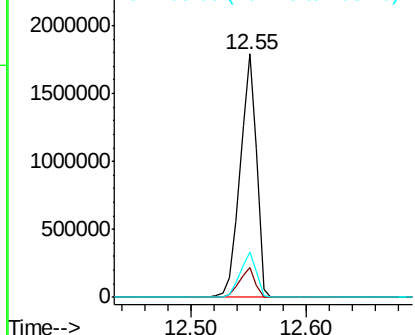
#75
Fluoranthene
Concen: 39.439 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:202 Resp: 1754624
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.7
203 18.3 0.0 38.0

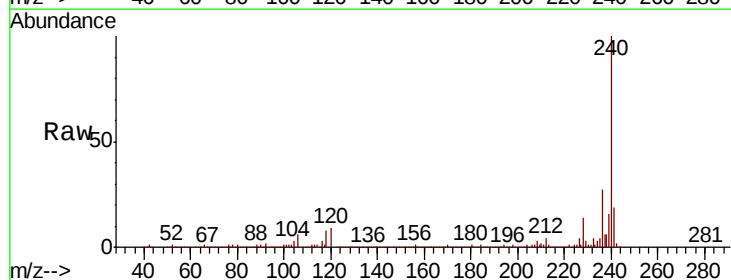


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

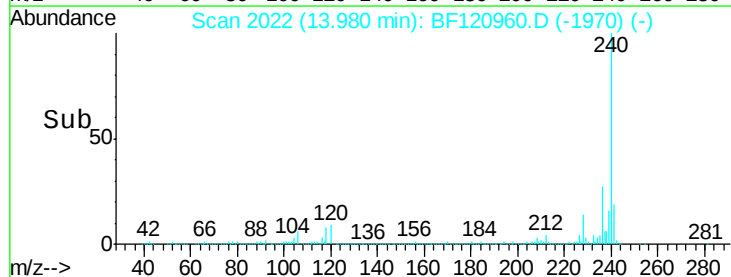
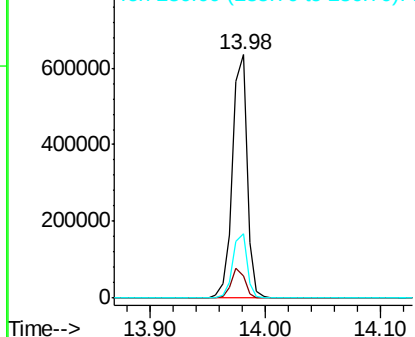


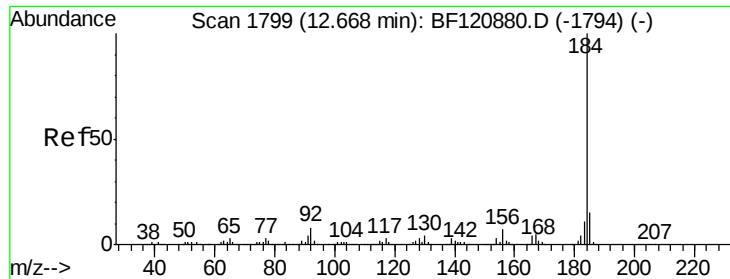
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:240 Resp: 558343
Ion Ratio Lower Upper
240 100
120 9.0 9.0 13.4
236 26.5 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: 61.756 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

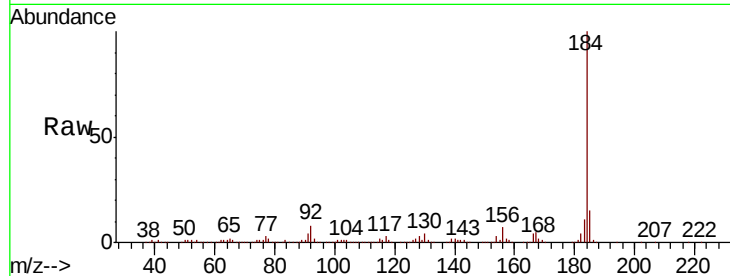
Tot Ion:184 Resp: 906562

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

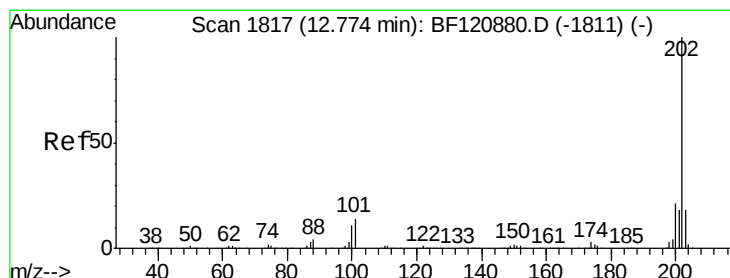
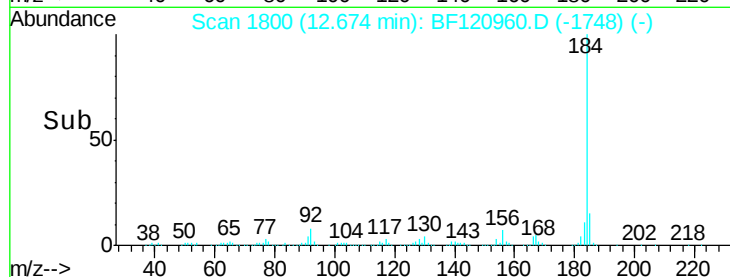
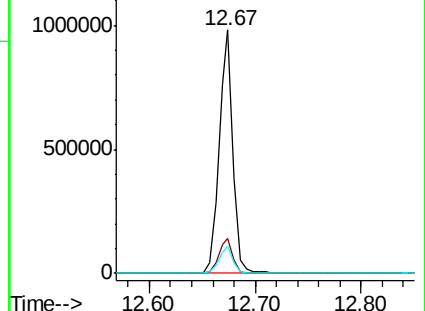
183 11.0 8.5 12.7



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: 46.078 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

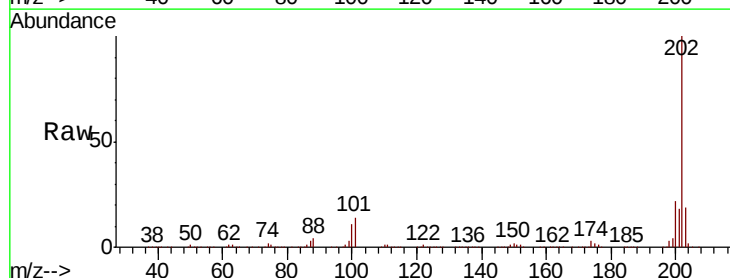
Tgt Ion:202 Resp: 1818920

Ion Ratio Lower Upper

202 100

200 21.9 17.0 25.4

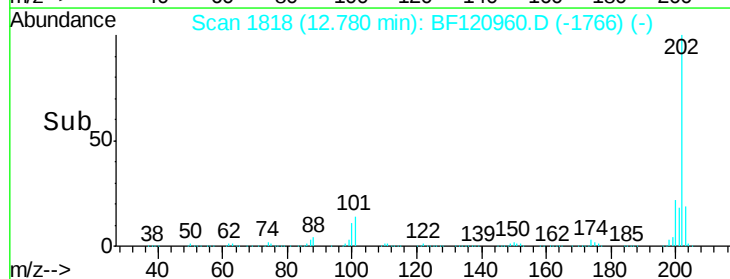
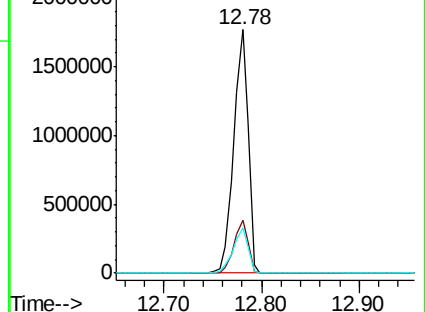
203 18.8 14.4 21.6



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: 67.291 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

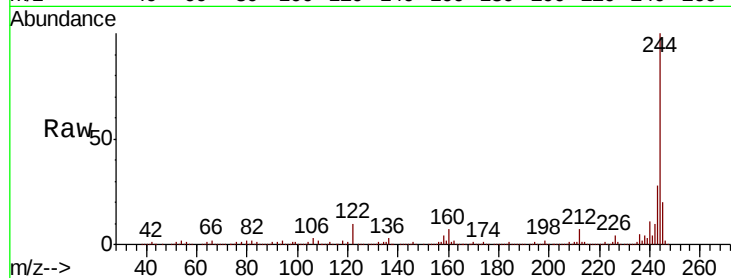
Tot Ion:244 Resp: 1728397

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

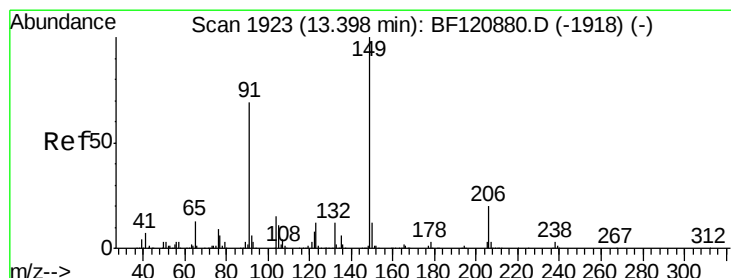
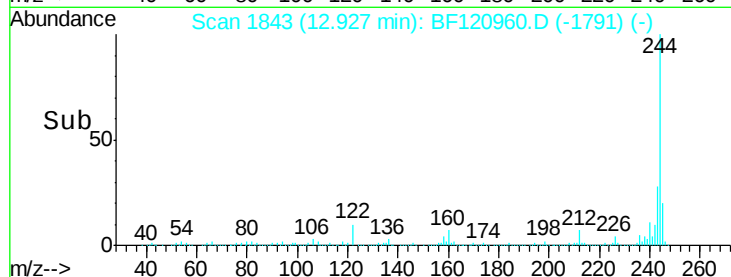
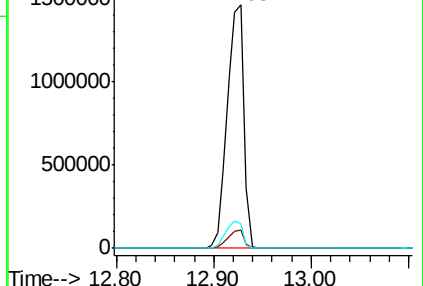
122 10.1 8.9 13.3



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: 46.760 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

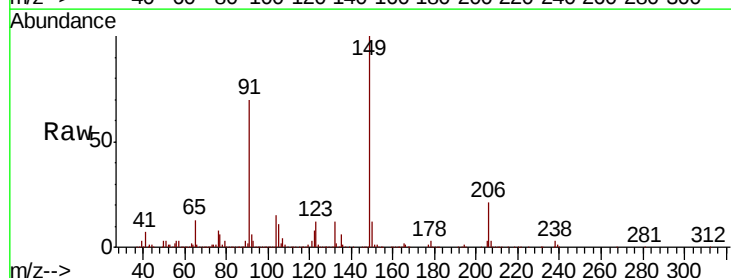
Tgt Ion:149 Resp: 822850

Ion Ratio Lower Upper

149 100

91 69.7 55.1 82.7

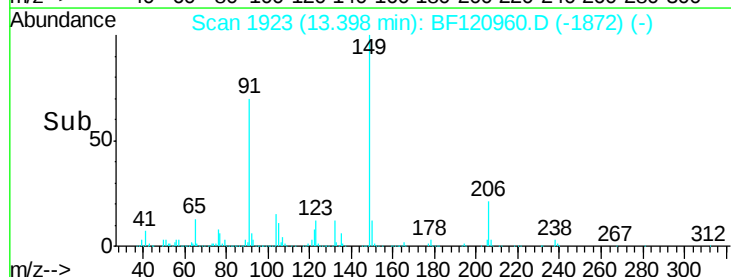
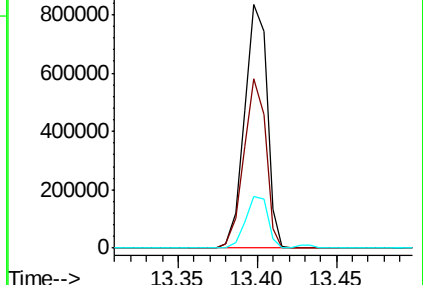
206 21.0 16.1 24.1



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: 40.145 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

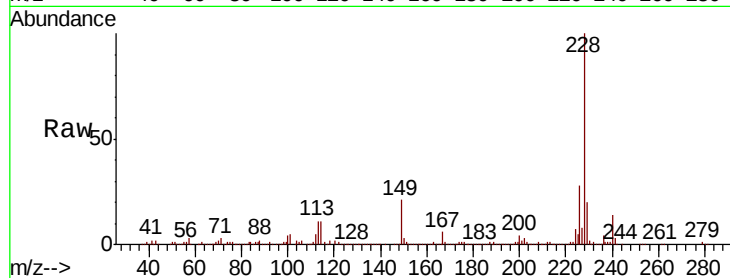
Tot Ion:228 Resp: 1357325

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

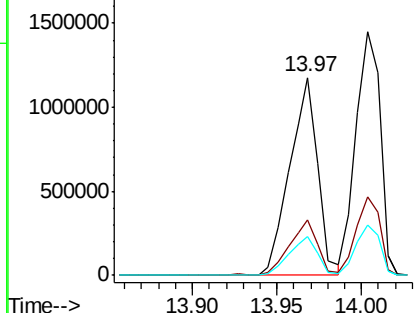
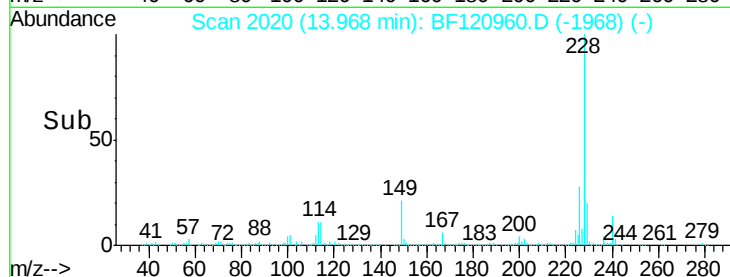
229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.750 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

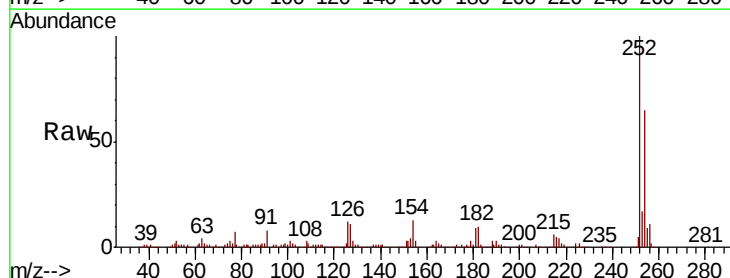
Tgt Ion:252 Resp: 366721

Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

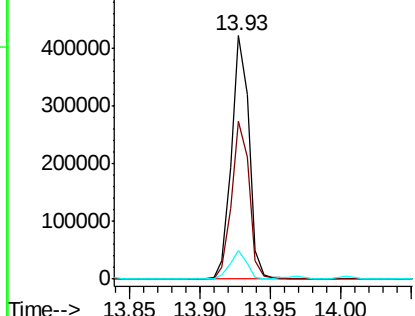
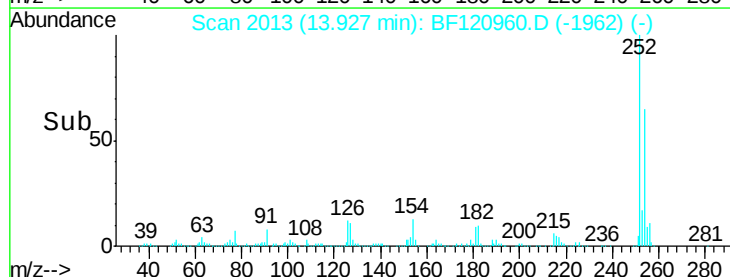
126 11.9 8.7 13.1

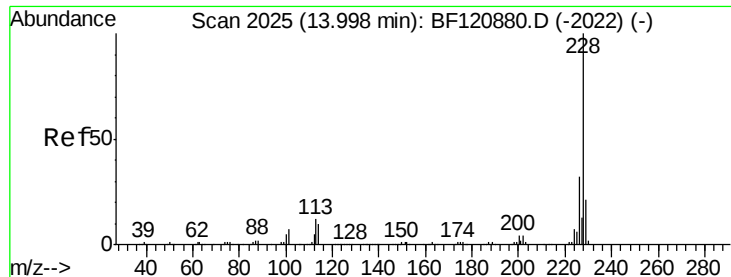


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

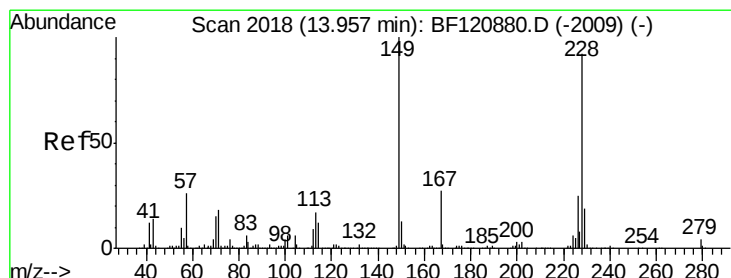
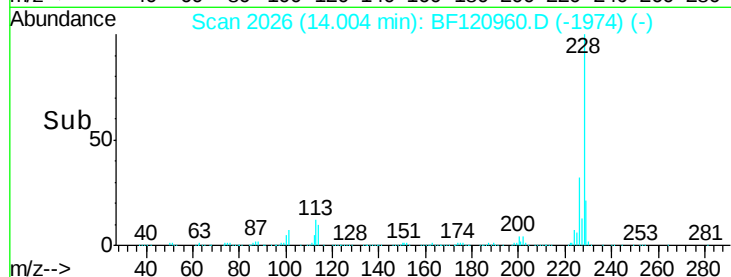
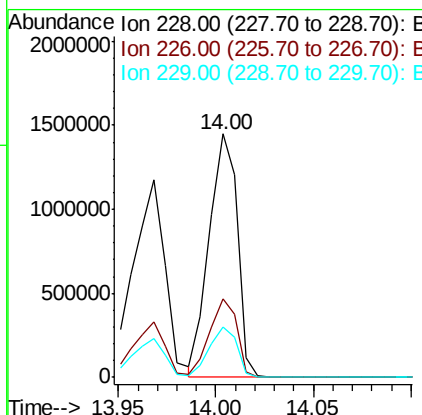
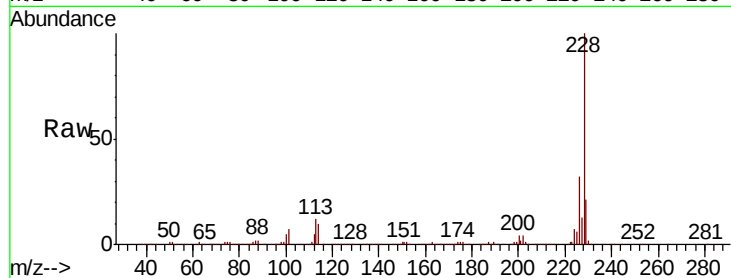




#83
 Chrvsene
 Concen: 40.945 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

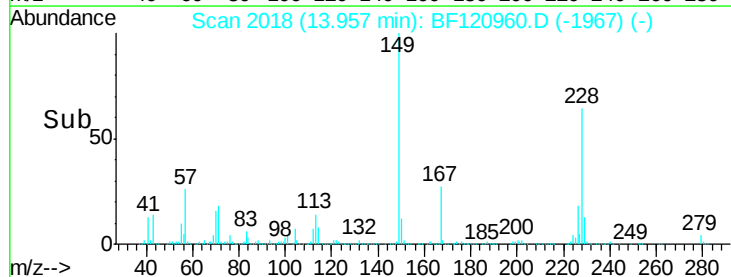
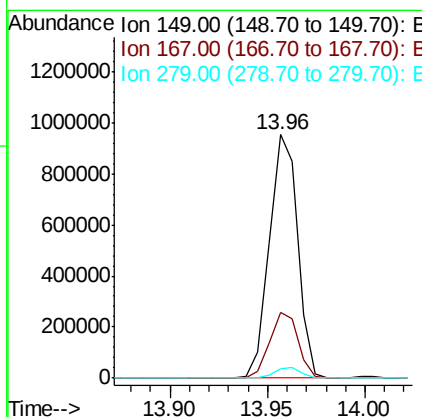
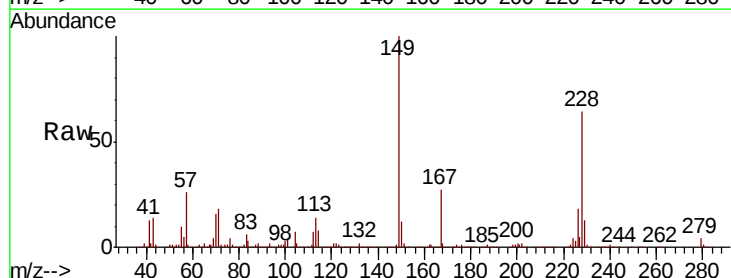
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:228 Resp: 1454824
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.6 38.4
 229 20.9 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.094 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:149 Resp: 956828
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.9 32.9
 279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 44.082 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1BMSD

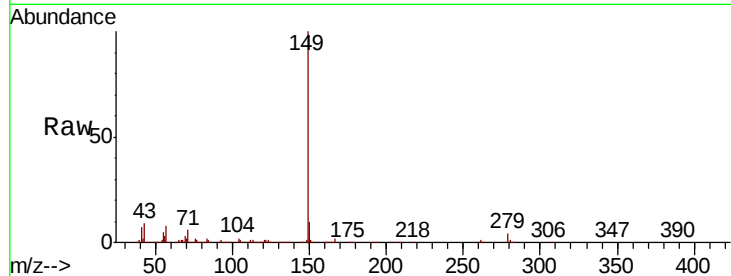
Tot Ion:149 Resp: 1903111

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

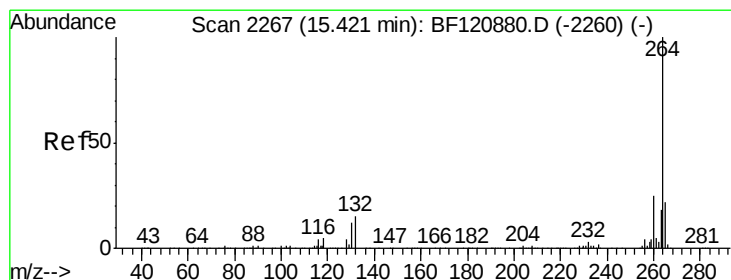
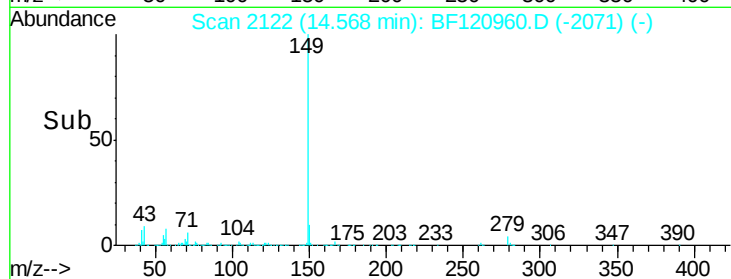
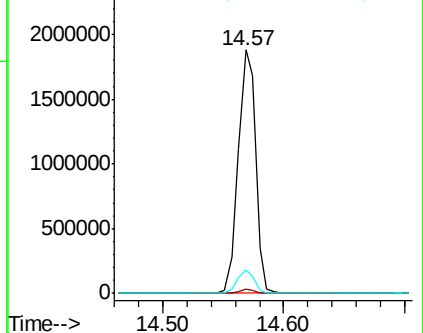
43 9.0 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120960.D

Acq: 21 Jul 2020 18:18

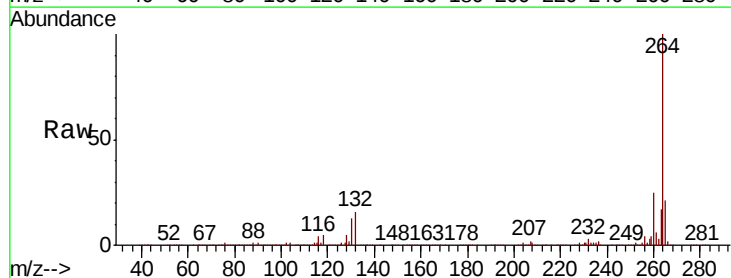
Tgt Ion:264 Resp: 504462

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

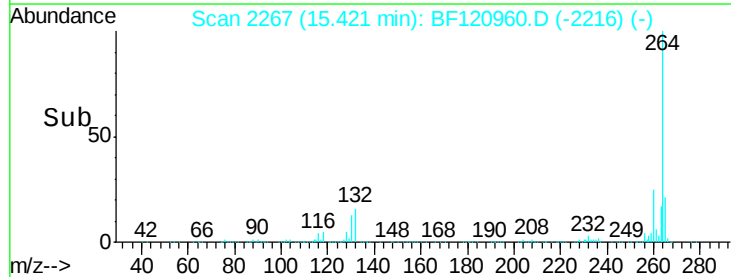
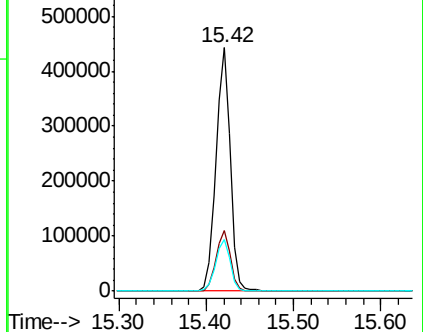
265 21.3 17.4 26.2

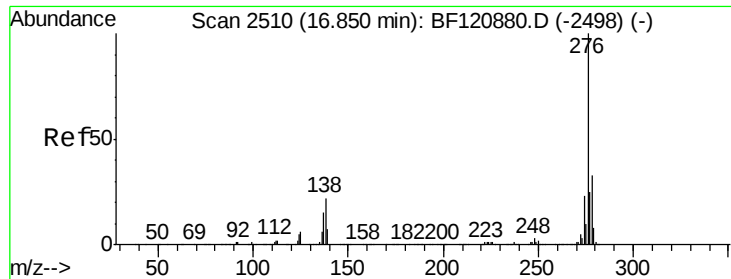


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



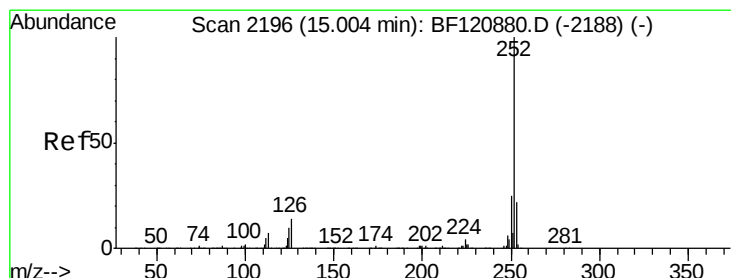
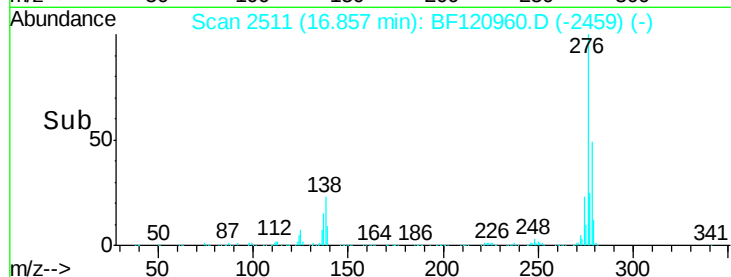
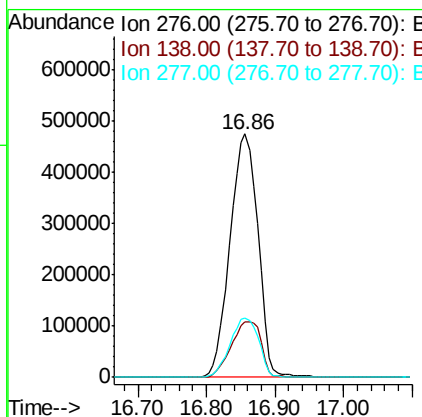
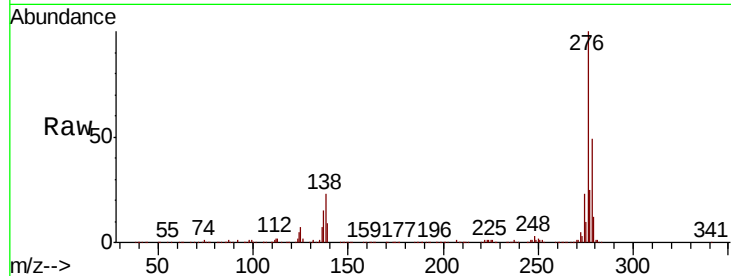


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.402 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1BMSD

Tot Ion:276 Resp: 1347274

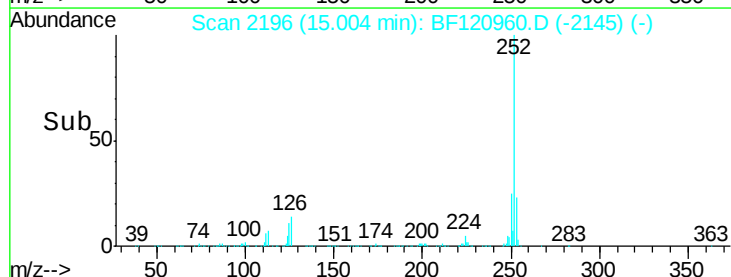
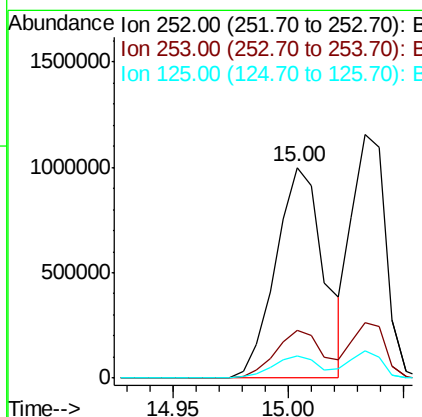
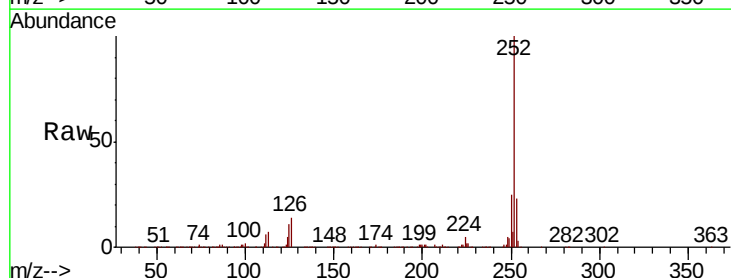
Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.3	20.2	30.2

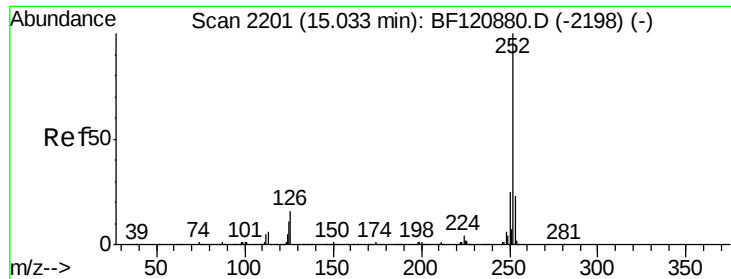


#88
 Benzo(b)fluoranthene
 Concen: 47.584 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120960.D
 Acq: 21 Jul 2020 18:18

Tgt Ion:252 Resp: 1450970

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.8	8.3	12.5

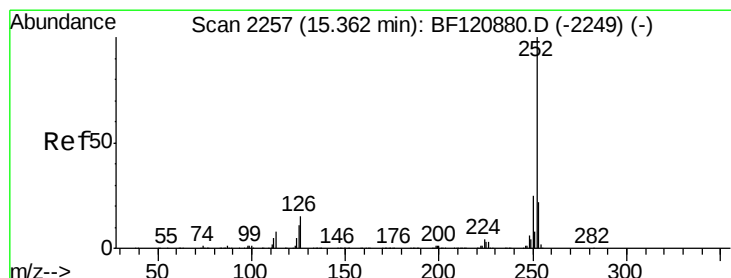
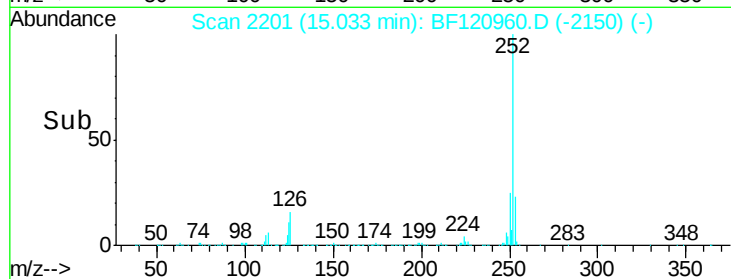
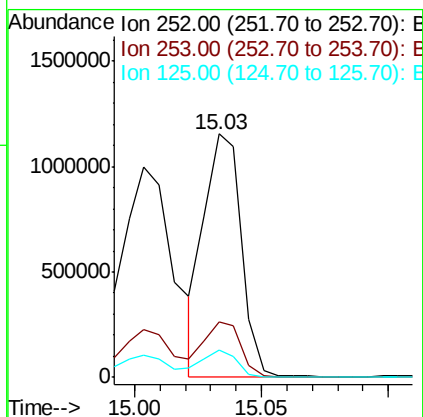
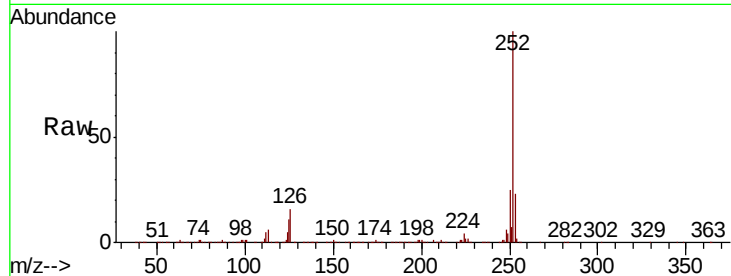




#89
Benzo(k)fluoranthene
Concen: 42.142 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

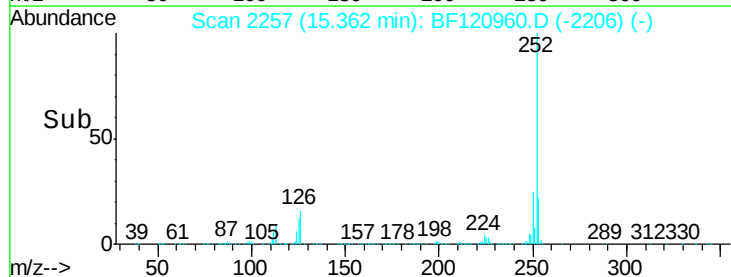
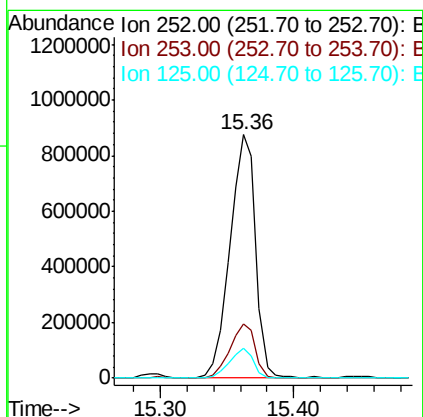
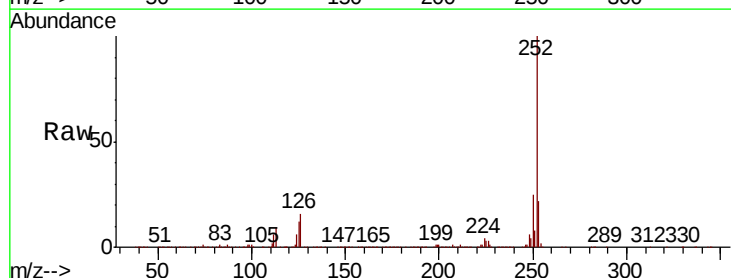
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:252 Resp: 1171939
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.0 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.248 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:252 Resp: 1175365
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.1 8.9 13.3

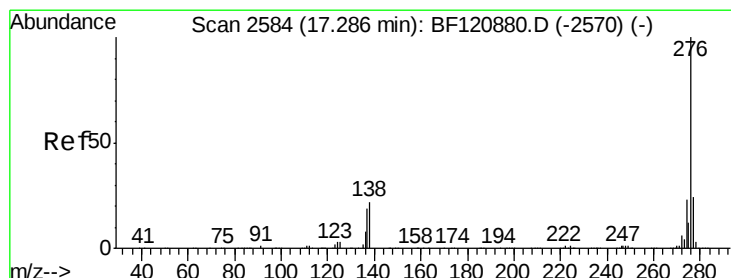
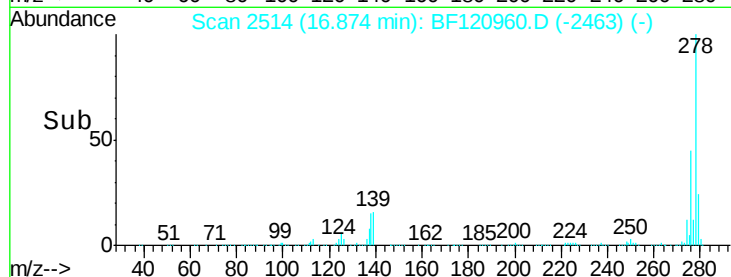
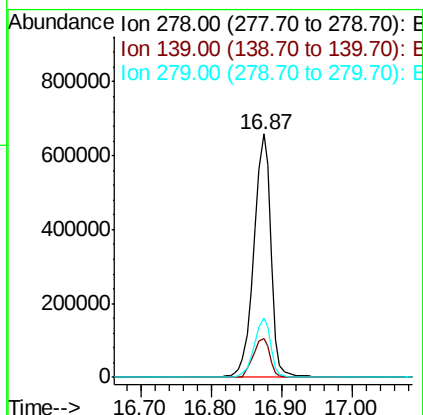
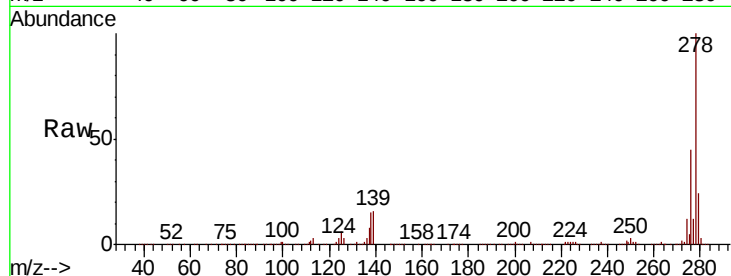




#91
Dibenzo(a,h)anthracene
Concen: 38.946 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1BMSD

Tot Ion:278 Resp: 1116111
Ion Ratio Lower Upper
278 100
139 15.9 12.3 18.5
279 24.2 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 39.572 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120960.D
Acq: 21 Jul 2020 18:18

Tgt Ion:276 Resp: 1118178
Ion Ratio Lower Upper
276 100
277 24.5 18.8 28.2
138 21.4 17.5 26.3

