

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120947.D
 Acq On : 21 Jul 2020 9:00
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 21 11:32:11 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	188348	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	691207	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	364372	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	684604	20.00	ng	0.00
76) Chrysene-d12	13.98	240	558063	20.00	ng	0.00
86) Perylene-d12	15.43	264	598072	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	851178	74.09	ng	0.00
7) Phenol-d6	6.45	99	1113159	75.01	ng	0.00
23) Nitrobenzene-d5	7.39	82	941585	78.82	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	321988	80.73	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1660677	68.05	ng	0.00
79) Terphenyl-d14	12.93	244	1844744	71.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	201990	38.200	ng	98
3) Pyridine	3.29	79	547821	38.946	ng	100
4) n-Nitrosodimethylamine	3.23	42	224028	37.246	ng	99
6) Aniline	6.48	93	711572	36.731	ng	100
8) 2-Chlorophenol	6.60	128	480621	37.973	ng	98
9) Benzaldehyde	6.36	77	291471	40.733	ng	99
10) Phenol	6.46	94	608134	37.250	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	476674	38.098	ng	97
12) 1,3-Dichlorobenzene	6.76	146	514323	37.475	ng	99
13) 1,4-Dichlorobenzene	6.83	146	514112	37.672	ng	99
14) 1,2-Dichlorobenzene	6.99	146	484600	37.535	ng	99
15) Benzyl Alcohol	6.96	79	385989	36.777	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	691002	38.317	ng	99
17) 2-Methylphenol	7.07	107	422735	37.683	ng	99
18) Hexachloroethane	7.33	117	191677	38.805	ng	93
19) n-Nitroso-di-n-propylamine	7.24	70	310636	36.809	ng	98
20) 3+4-Methylphenols	7.23	107	482127	33.785	ng	92
22) Acetophenone	7.23	105	589088	37.974	ng	# 92
24) Nitrobenzene	7.40	77	504366	39.174	ng	96
25) Isophorone	7.65	82	921560	38.655	ng	99
26) 2-Nitrophenol	7.72	139	260094	42.536	ng	97
27) 2,4-Dimethylphenol	7.76	122	384895	38.769	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	577278	39.668	ng	99
29) 2,4-Dichlorophenol	7.96	162	402208	39.646	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	446166	39.640	ng	99
31) Naphthalene	8.12	128	1361446	38.399	ng	99
32) Benzoic acid	7.88	122	282202	37.866	ng	99
33) 4-Chloroaniline	8.17	127	604372	38.211	ng	98
34) Hexachlorobutadiene	8.24	225	262164	39.511	ng	99
35) Caprolactam	8.55	113	128451	39.483	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	411294	39.530	ng	96
37) 2-Methylnaphthalene	8.82	142	907245	39.409	ng	100
38) 1-Methylnaphthalene	8.92	142	856914	39.301	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	420854	39.642	ng	99

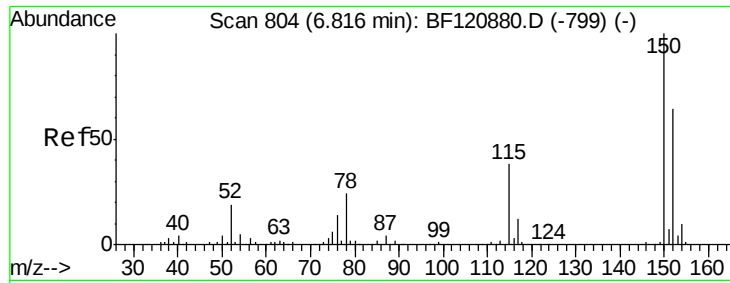
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120947.D
 Acq On : 21 Jul 2020 9:00
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 21 11:32:11 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)
41) Hexachlorocyclopentadiene	8.97	237	239693	40.852	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	298877	39.985	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	342615	40.408	ng	99
46) 1,1'-Biphenyl	9.28	154	1062942	38.243	ng	99
47) 2-Chloronaphthalene	9.30	162	864402	38.145	ng	98
48) 2-Nitroaniline	9.40	65	273058	39.873	ng	97
49) Acenaphthylene	9.72	152	1344398	38.189	ng	99
50) Dimethylphthalate	9.58	163	1024174	38.961	ng	99
51) 2,6-Dinitrotoluene	9.64	165	232020	41.083	ng	97
52) Acenaphthene	9.89	154	859803	38.415	ng	99
53) 3-Nitroaniline	9.81	138	275318	38.870	ng	98
54) 2,4-Dinitrophenol	9.91	184	115867	39.432	ng	95
55) Dibenzofuran	10.06	168	1223706	37.808	ng	99
56) 4-Nitrophenol	9.97	139	210755	39.170	ng	97
57) 2,4-Dinitrotoluene	10.05	165	306604	41.341	ng	98
58) Fluorene	10.40	166	877654	36.358	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	260421	40.340	ng	97
60) Diethylphthalate	10.28	149	1040040	39.116	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	456742	35.474	ng	99
62) 4-Nitroaniline	10.43	138	273731	39.673	ng	94
63) Azobenzene	10.56	77	959332	37.899	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	155467	39.939	ng	98
66) n-Nitrosodiphenylamine	10.52	169	846980	39.328	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	315434	41.326	ng	93
68) Hexachlorobenzene	10.95	284	331158	40.108	ng	92
69) Atrazine	11.04	200	201280	37.738	ng	97
70) Pentachlorophenol	11.14	266	197171	41.684	ng	98
71) Phenanthrene	11.36	178	1343328	38.153	ng	100
72) Anthracene	11.42	178	1385560	39.190	ng	99
73) Carbazole	11.57	167	1359126	38.736	ng	99
74) Di-n-butylphthalate	11.90	149	1633932	40.354	ng	100
75) Fluoranthene	12.55	202	1510407	38.702	ng	99
77) Benzidine	12.67	184	564902	38.501	ng	99
78) Pyrene	12.78	202	1532680	38.846	ng	99
80) Butylbenzylphthalate	13.40	149	724123	41.170	ng	99
81) Benzo(a)anthracene	13.97	228	1263863	37.400	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	512842	40.225	ng	99
83) Chrysene	14.00	228	1356994	38.211	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	878422	40.501	ng	100
85) Di-n-octyl phthalate	14.57	149	1737586	40.268	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1605903	38.609	ng	99
88) Benzo(b)fluoranthene	15.01	252	1451668	40.155	ng	99
89) Benzo(k)fluoranthene	15.04	252	1328950	40.308	ng	100
90) Benzo(a)pyrene	15.37	252	1324079	40.144	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	1316796	38.757	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1273105	38.003	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: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

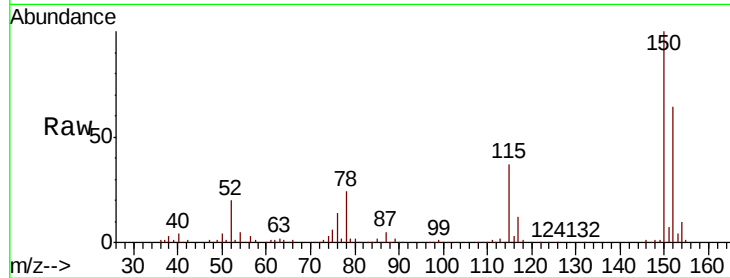
Tot Ion:152 Resp: 188348

Ion Ratio Lower Upper

152 100

150 157.0 125.0 187.6

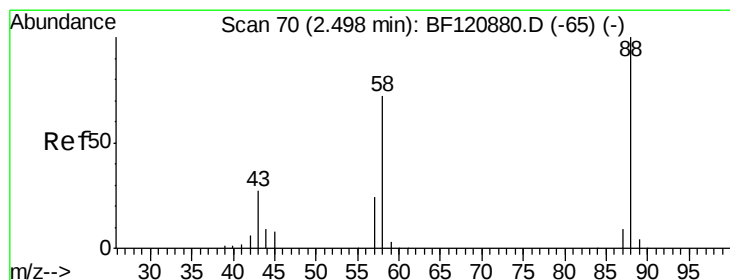
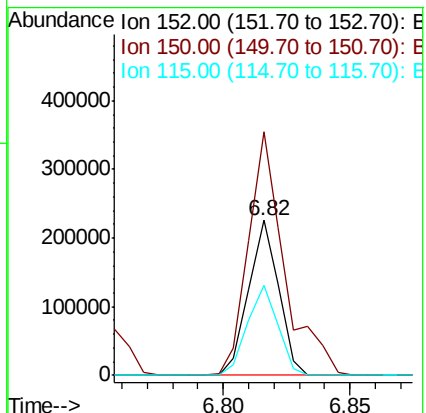
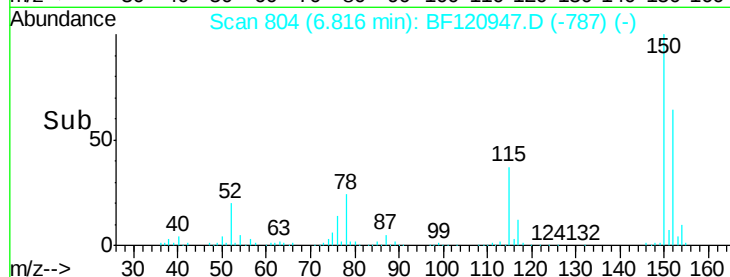
115 58.2 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.200 ng

RT: 2.55 min Scan# 78

Delta R.T. 0.05 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

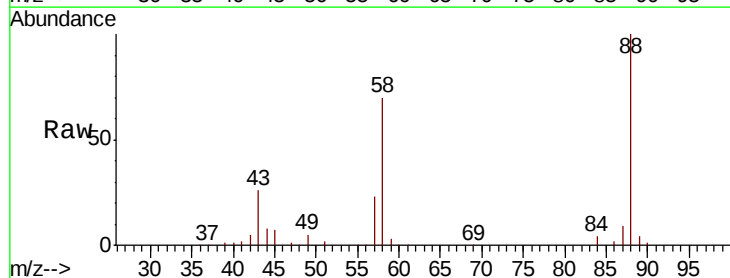
Tgt Ion: 88 Resp: 201990

Ion Ratio Lower Upper

88 100

58 71.5 58.2 87.2

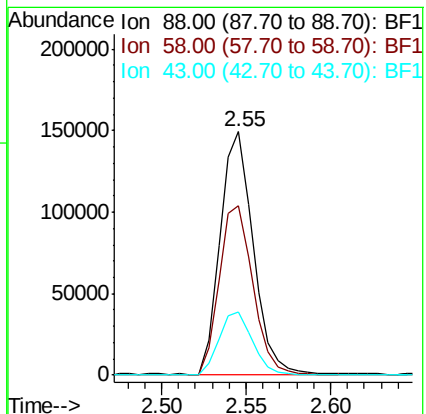
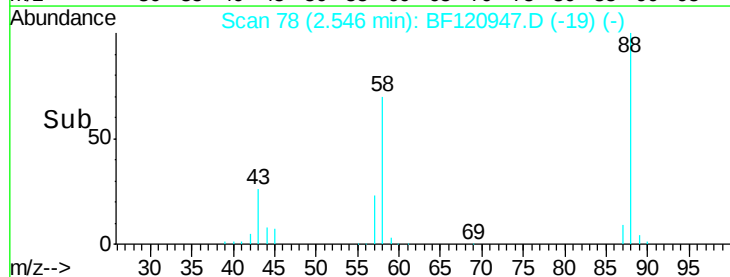
43 26.5 22.1 33.1

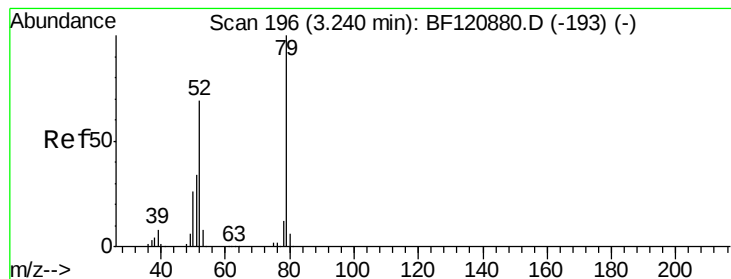


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.946 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.05 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

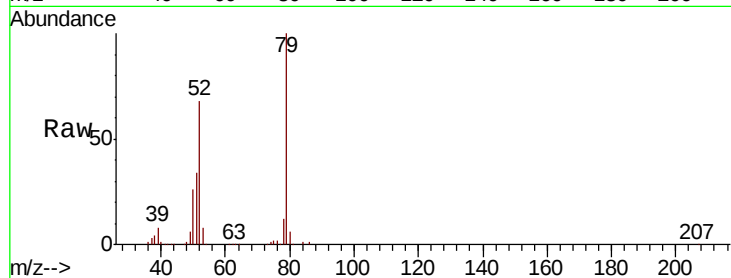
Tot Ion: 79 Resp: 547821

Ion Ratio Lower Upper

79 100

52 68.3 55.0 82.6

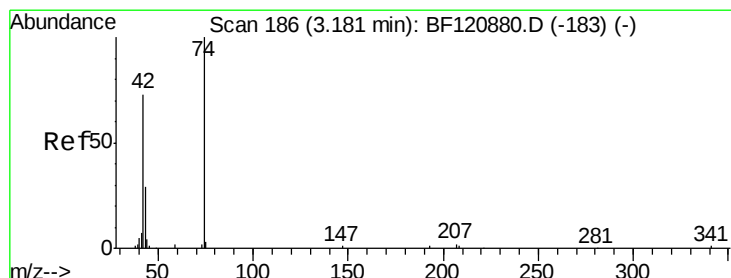
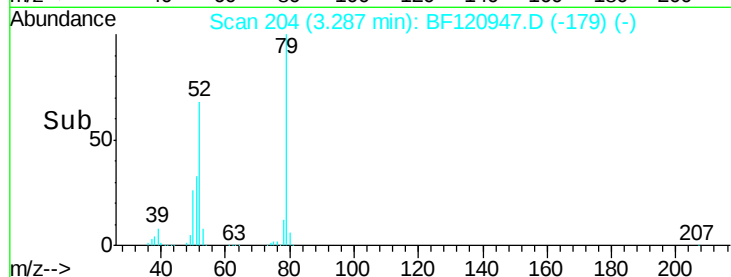
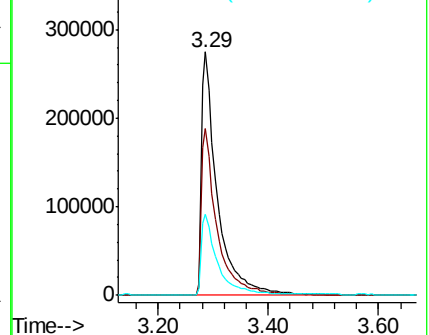
51 33.5 26.9 40.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.246 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.05 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

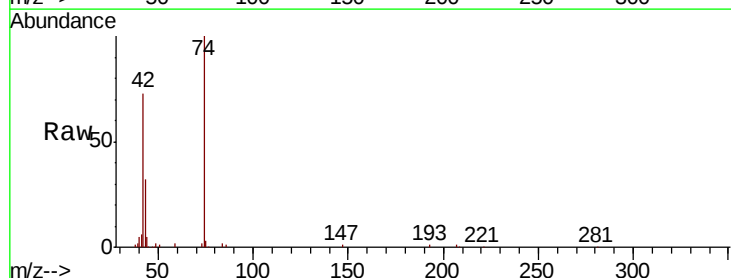
Tgt Ion: 42 Resp: 224028

Ion Ratio Lower Upper

42 100

74 137.3 108.7 163.1

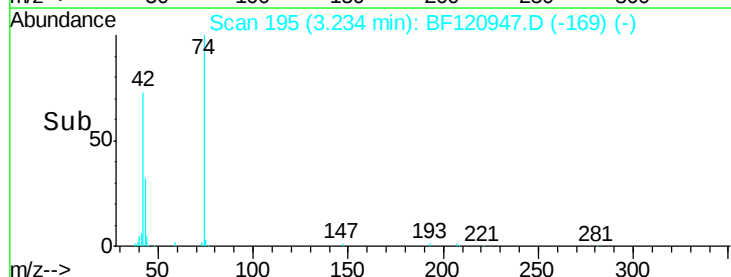
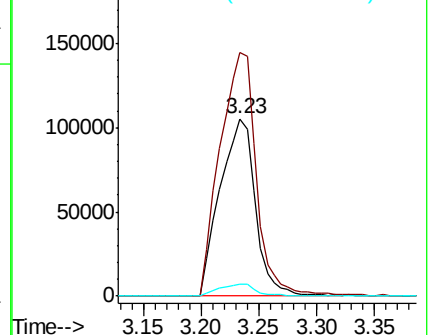
44 6.6 5.2 7.8

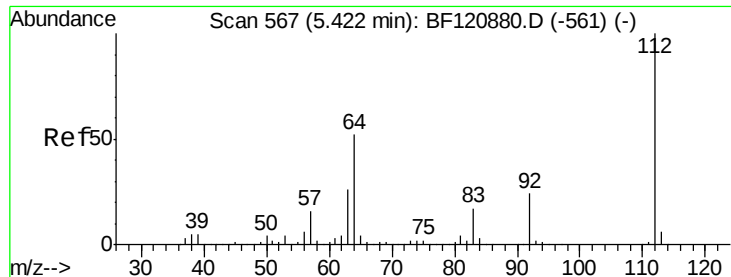


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.085 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

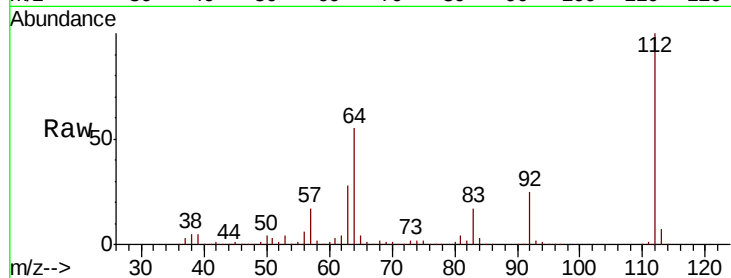
Tot Ion: 112 Resp: 851178

Ion Ratio Lower Upper

112 100

64 54.8 41.3 61.9

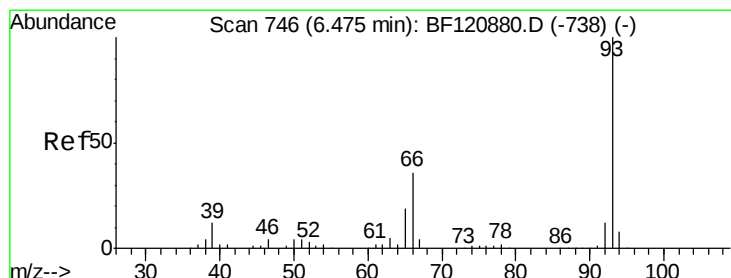
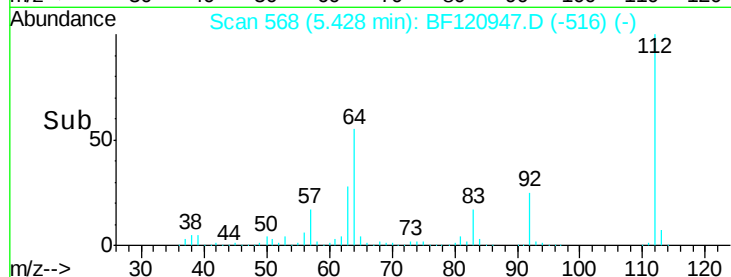
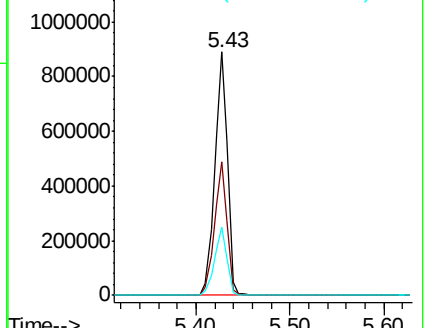
63 27.8 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.731 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

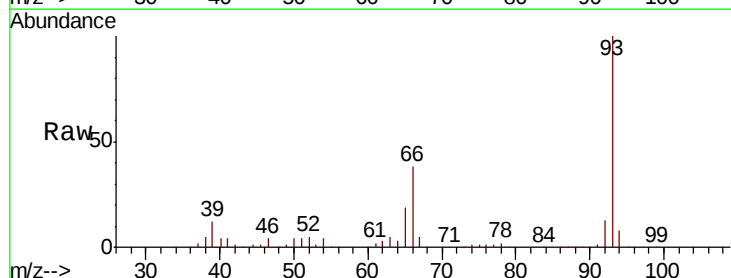
Tgt Ion: 93 Resp: 711572

Ion Ratio Lower Upper

93 100

66 37.7 30.2 45.4

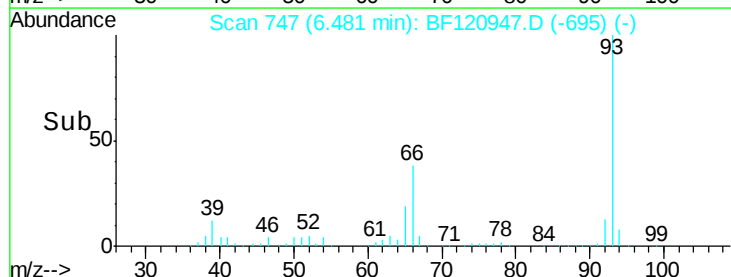
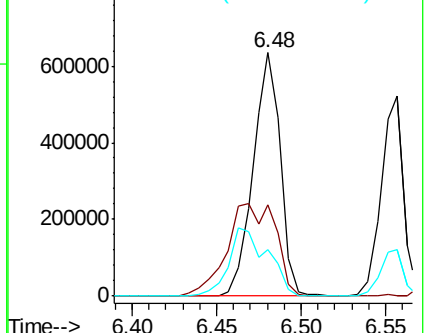
65 19.2 15.8 23.6

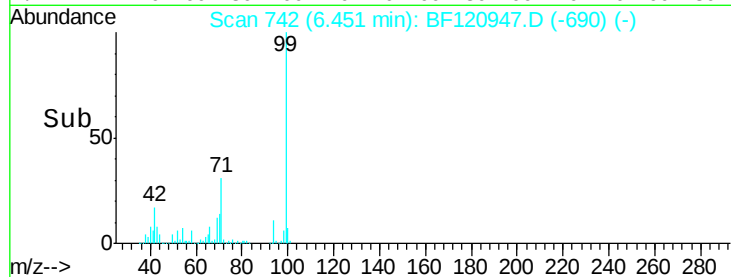
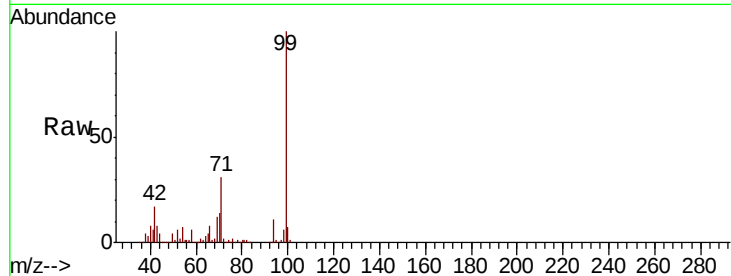
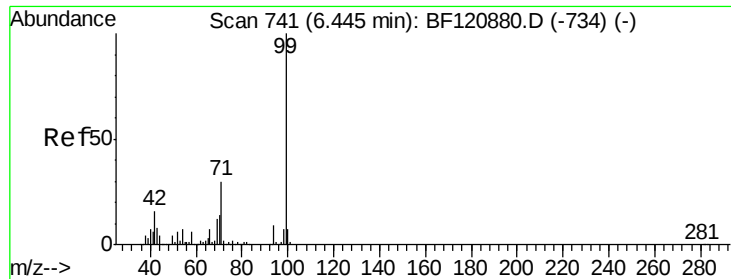


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.005 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

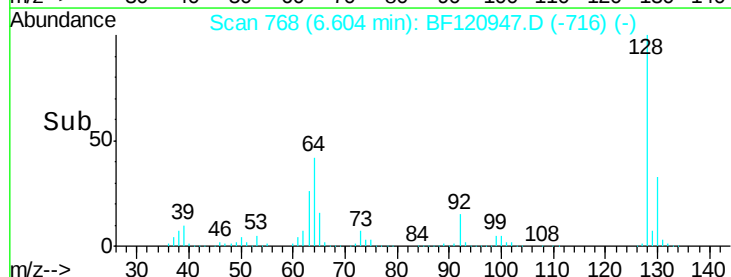
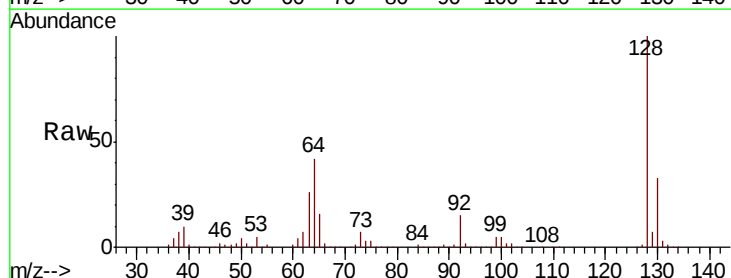
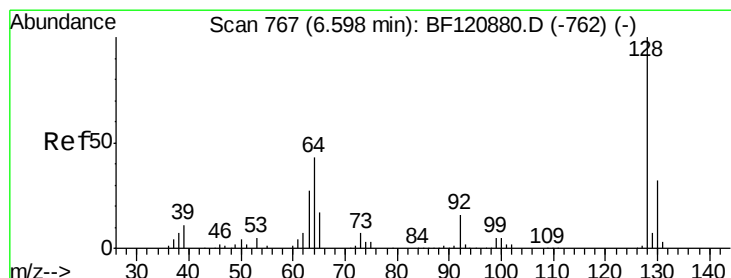
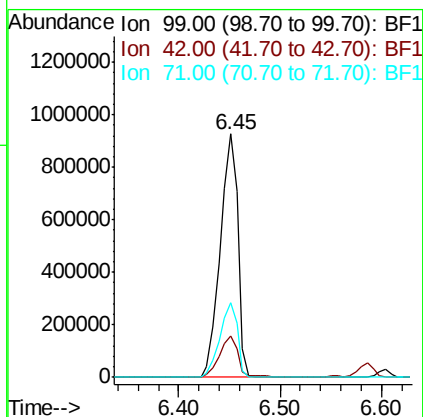
Tot Ion: 99 Resp: 1113159

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 30.9 24.2 36.4



#8

2-Chlorophenol

Concen: 37.973 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

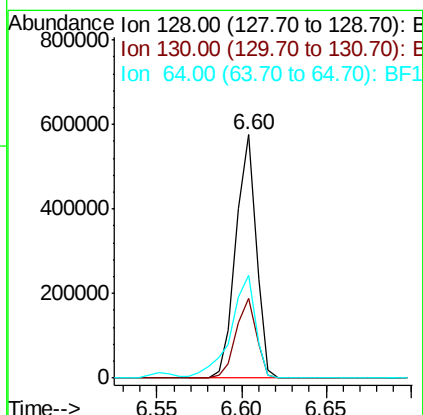
Tgt Ion: 128 Resp: 480621

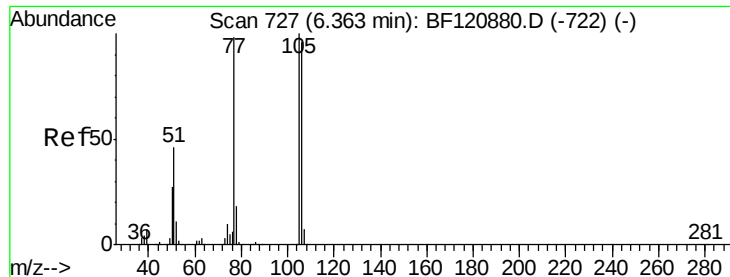
Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 42.1 24.0 64.0





#9

Benzaldehyde

Concen: 40.733 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

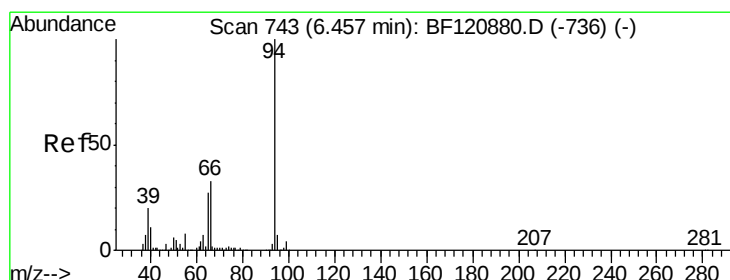
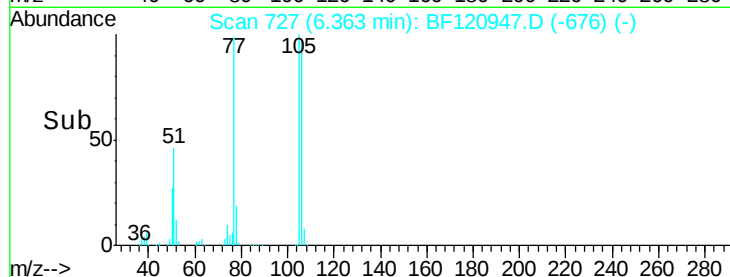
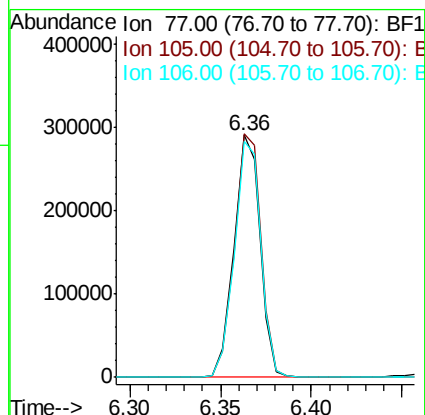
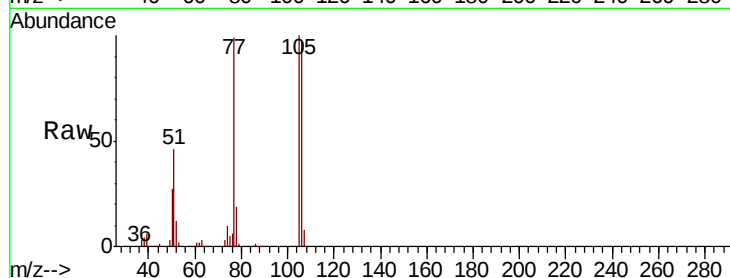
Tot Ion: 77 Resp: 291471

Ion Ratio Lower Upper

77 100

105 100.7 82.5 122.5

106 97.7 78.7 118.7



#10

Phenol

Concen: 37.250 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

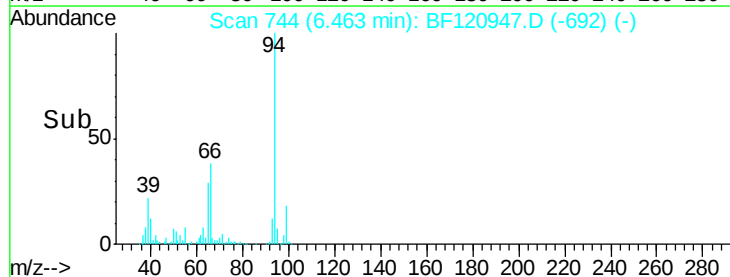
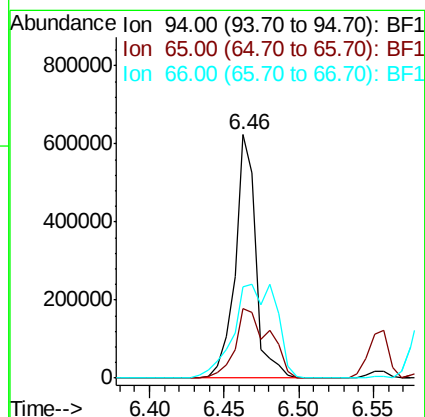
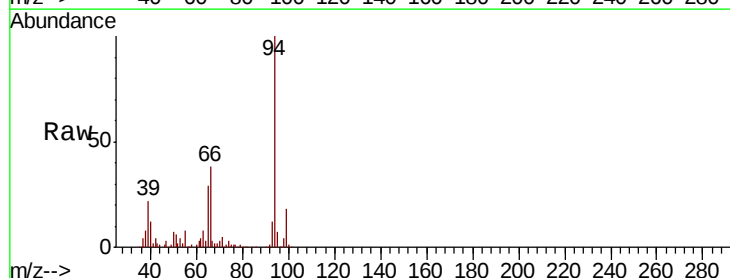
Tgt Ion: 94 Resp: 608134

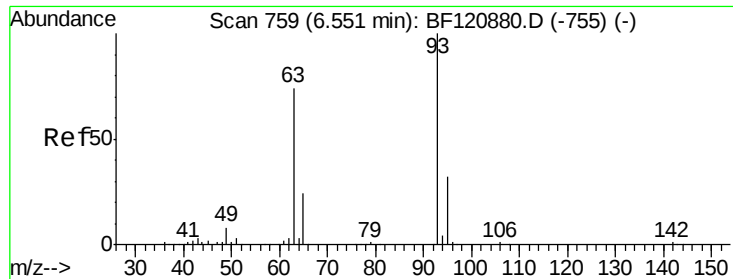
Ion Ratio Lower Upper

94 100

65 28.6 6.6 46.6

66 37.7 13.2 53.2

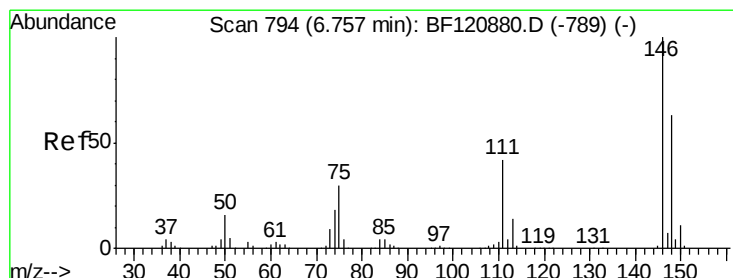
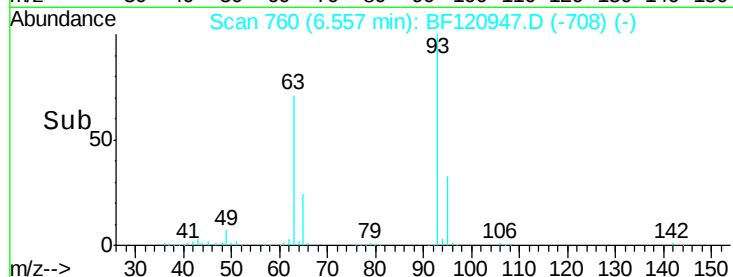
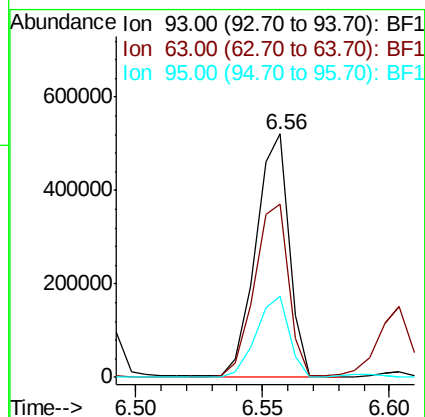
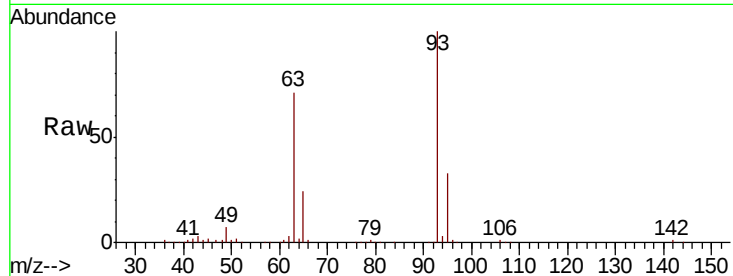




#11
bis(2-Chloroethyl)ether
Concen: 38.098 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

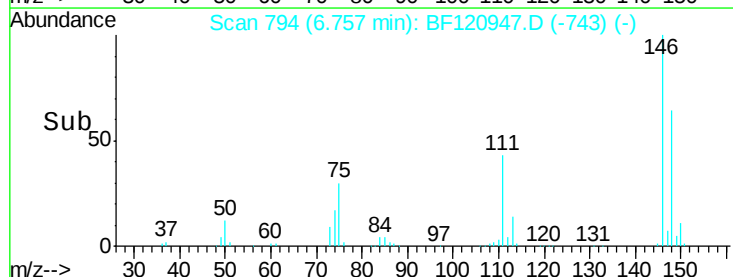
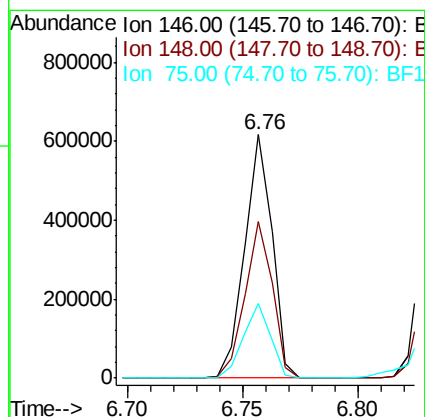
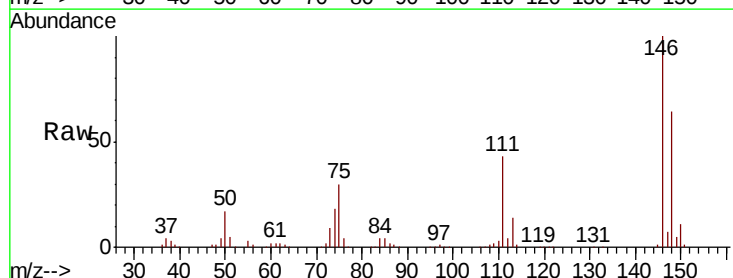
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

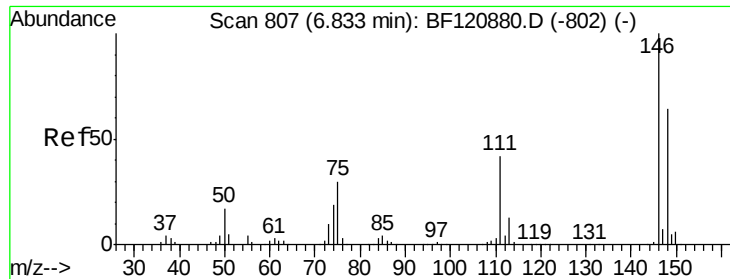
Tot Ion: 93 Resp: 476674
Ion Ratio Lower Upper
93 100
63 71.3 54.2 94.2
95 33.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.475 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion: 146 Resp: 514323
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 30.4 24.1 36.1

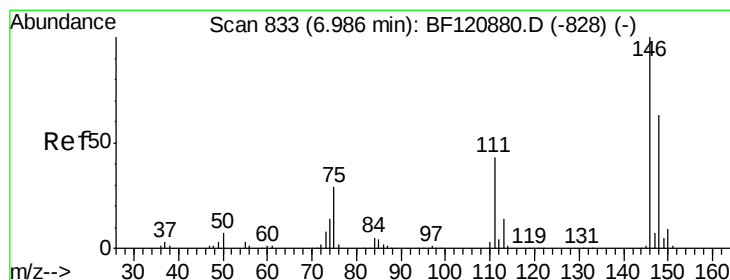
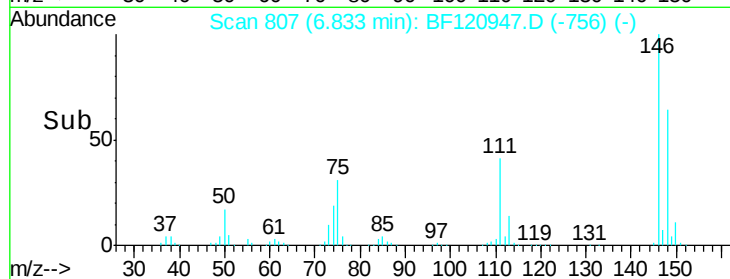
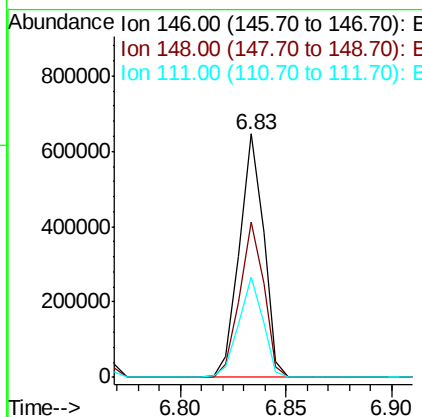
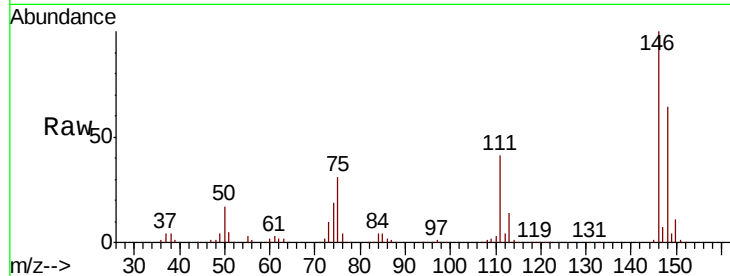




#13
 1,4-Dichlorobenzene
 Concen: 37.672 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

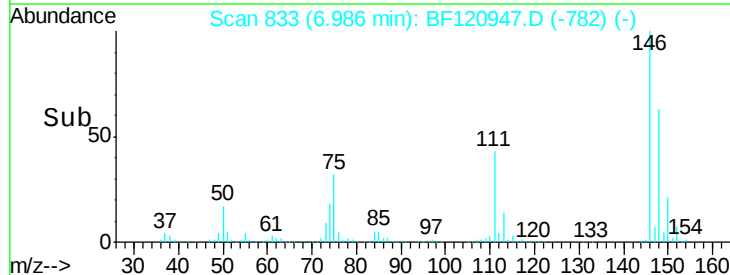
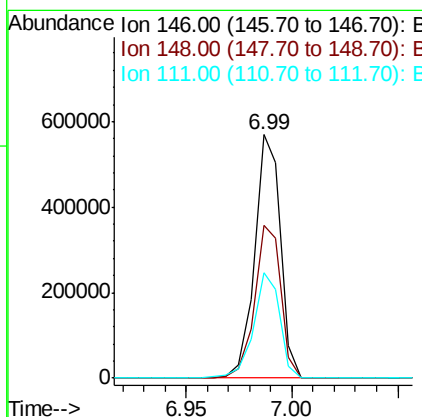
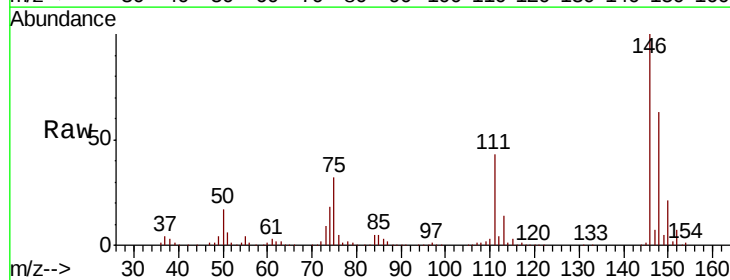
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

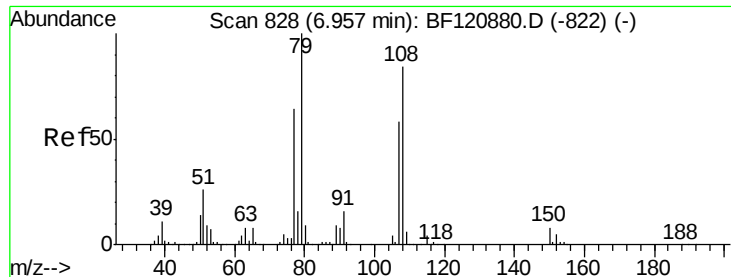
Tot Ion:146 Resp: 514112
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 41.4 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 37.535 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion:146 Resp: 484600
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 43.4 34.2 51.2





#15

Benzyl Alcohol

Concen: 36.777 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

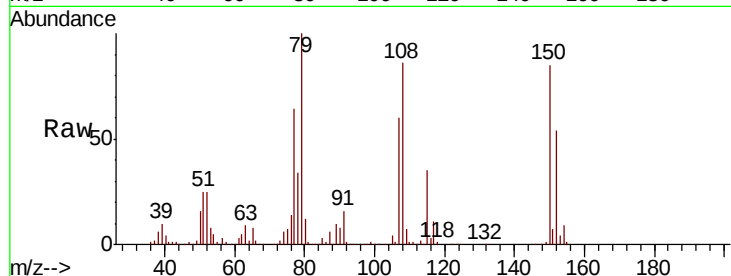
Tot Ion: 79 Resp: 385989

Ion Ratio Lower Upper

79 100

108 86.4 67.0 100.6

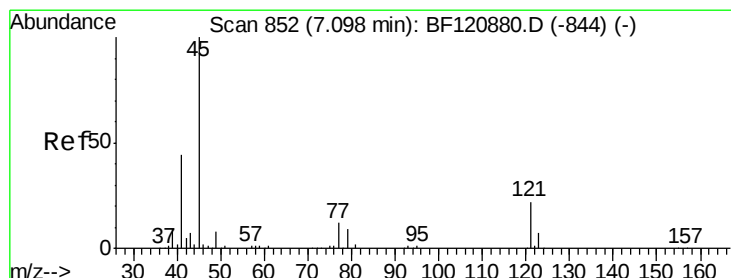
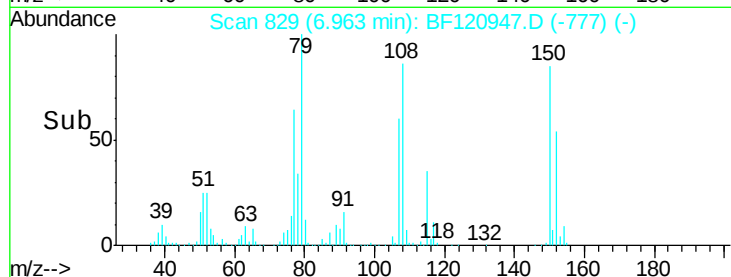
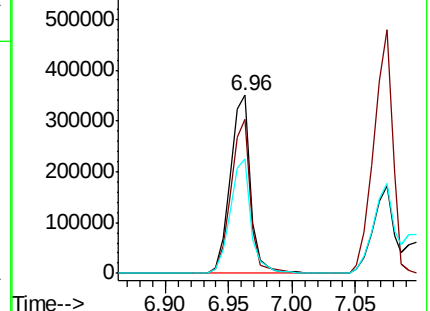
77 64.2 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.317 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

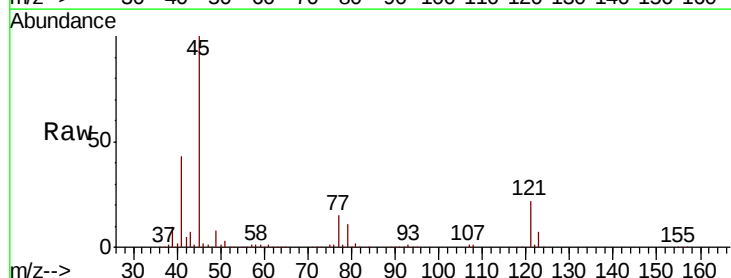
Tgt Ion: 45 Resp: 691002

Ion Ratio Lower Upper

45 100

77 14.6 0.0 34.3

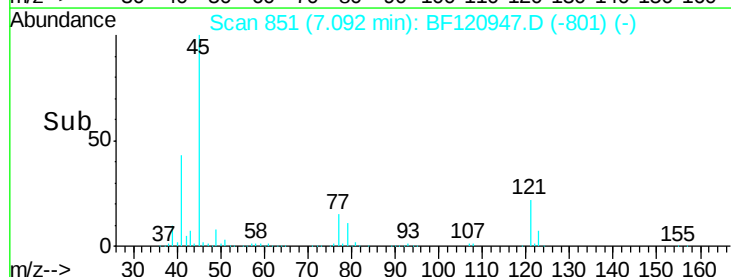
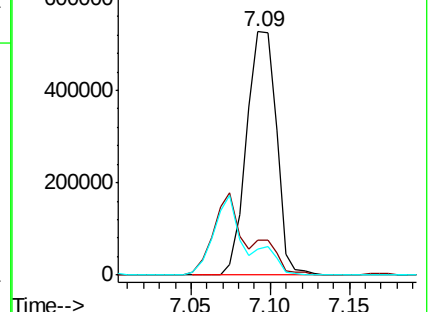
79 10.6 0.0 31.0

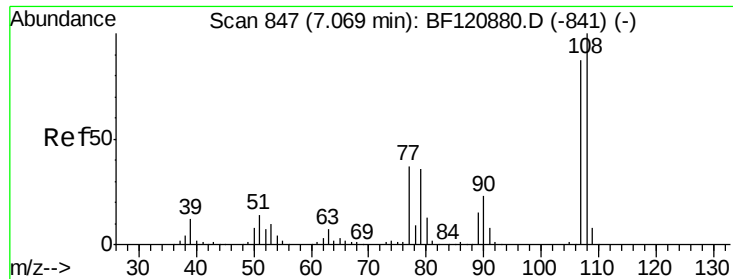


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

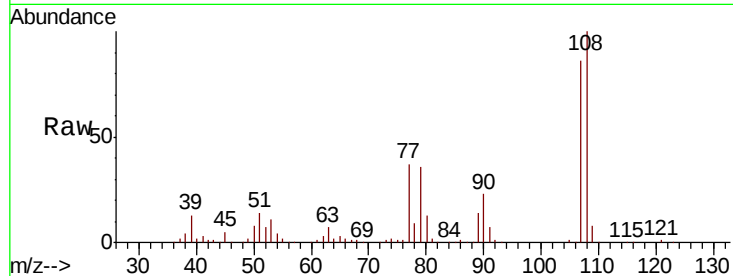




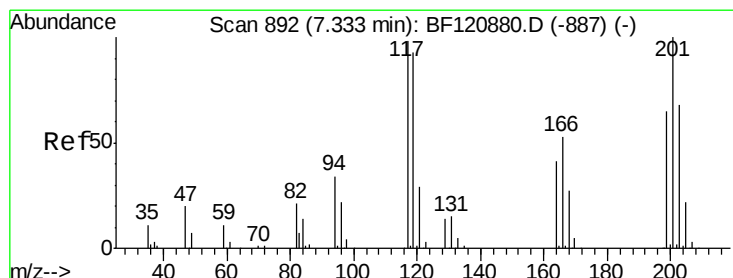
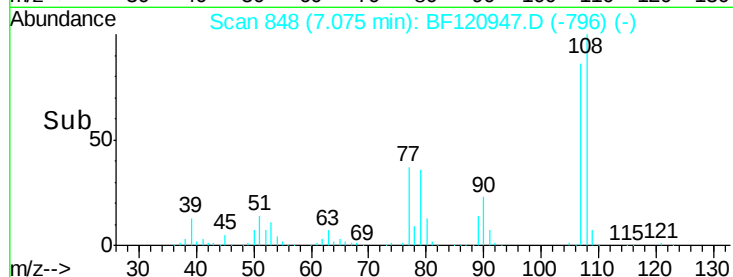
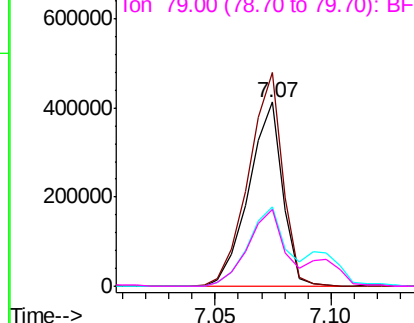
#17
2-Methylphenol
Concen: 37.683 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 422735
Ion Ratio Lower Upper
107 100
108 116.2 92.0 138.0
77 43.2 34.0 51.0
79 41.9 33.3 49.9

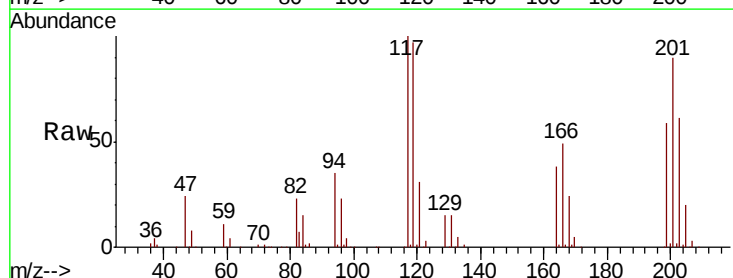


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

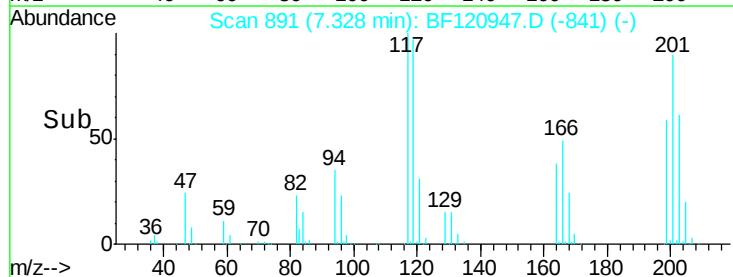
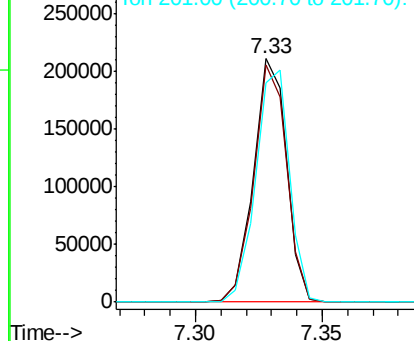


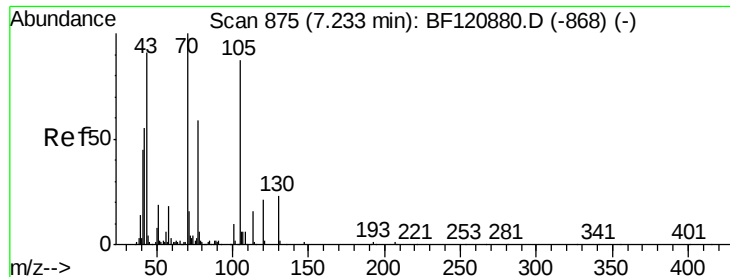
#18
Hexachloroethane
Concen: 38.805 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:117 Resp: 191677
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0
201 90.0 81.7 122.5



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

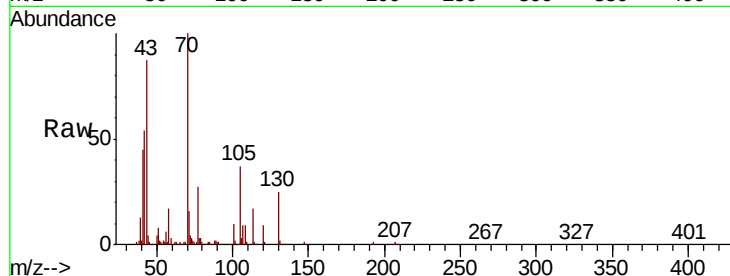




#19
n-Nitroso-di-n-propylamine
Concen: 36.809 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	310636
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.0	66.0
101	10.4	7.8	11.6
130	24.7	18.7	28.1



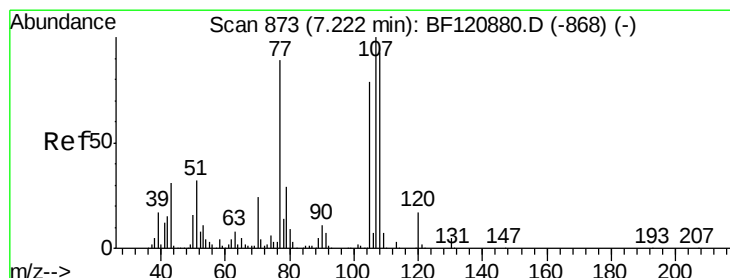
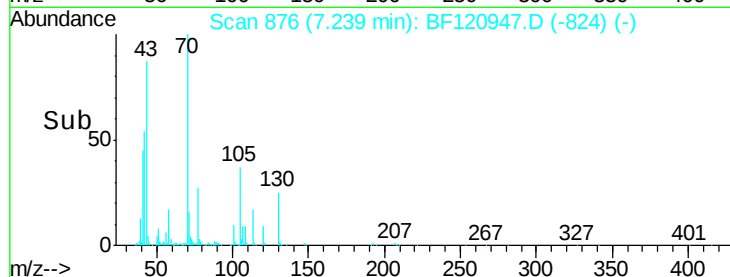
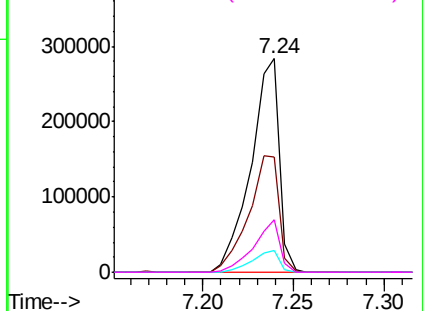
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

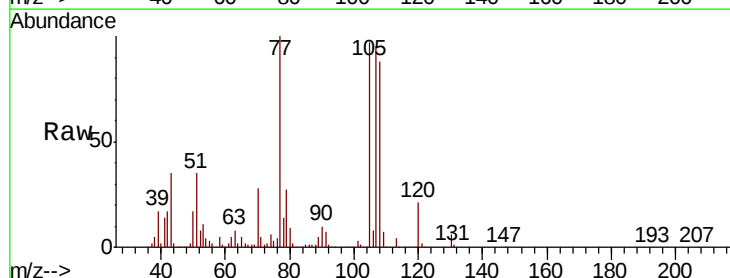
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 33.785 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:	107	Resp:	482127
Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.8	112.8
77	105.5	68.7	108.7
79	28.5	8.5	48.5



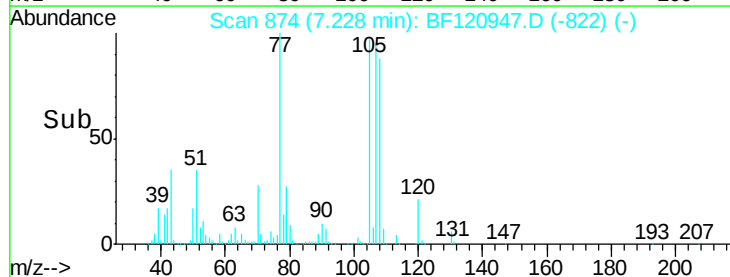
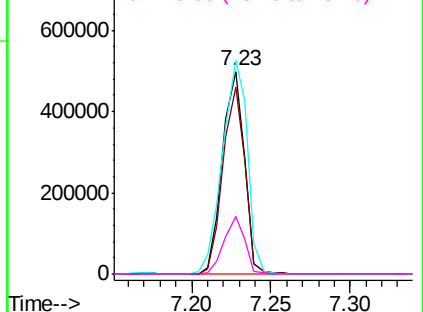
Abundance

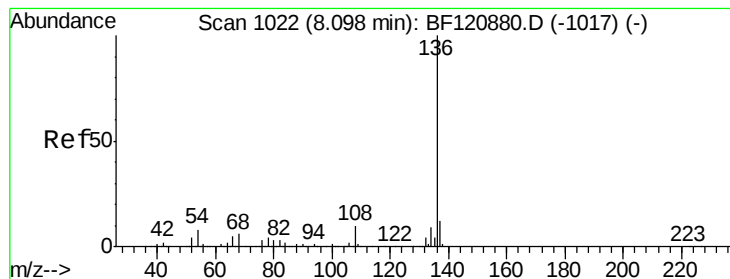
Ion 107.00 (106.70 to 107.70): BF1

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# 1023

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 691207

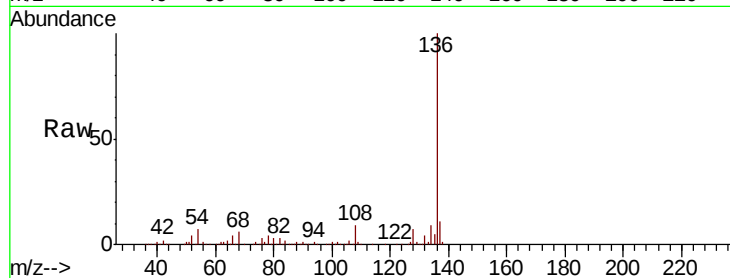
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.9 6.3 9.5

68 5.6 5.0 7.4

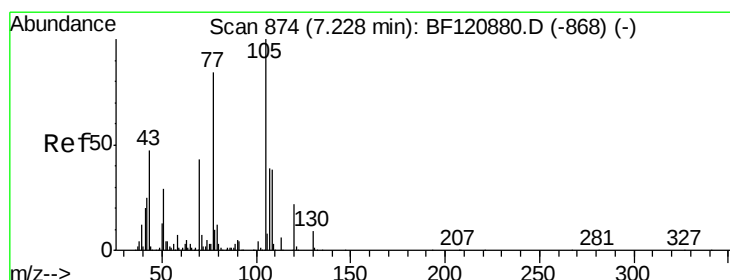
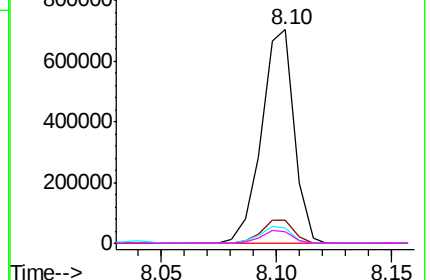
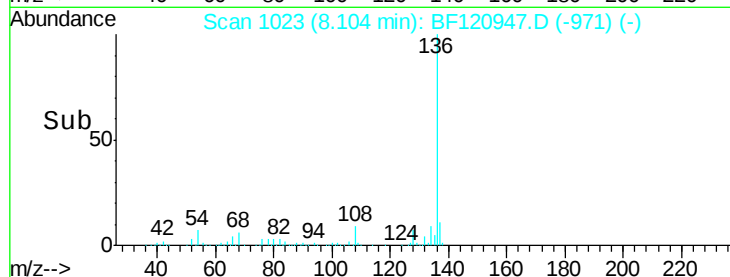


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.974 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Tgt Ion:105 Resp: 589088

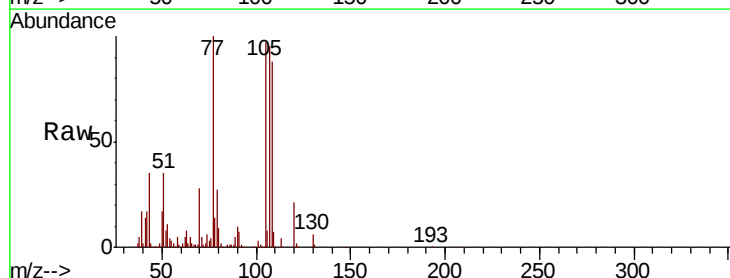
Ion Ratio Lower Upper

105 100

71 4.9 5.7 8.5#

51 36.0 22.9 34.3#

120 22.1 18.0 27.0

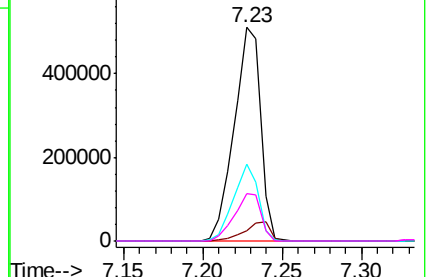
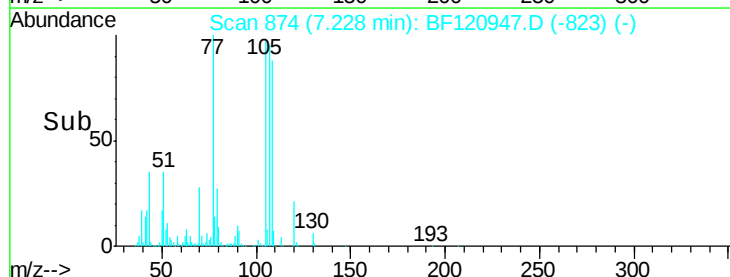


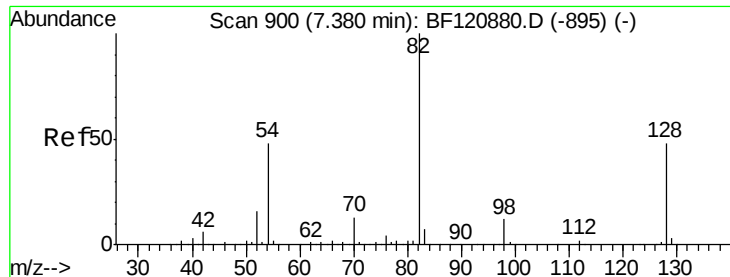
Abundance Ion 105.00 (104.70 to 105.70): E

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

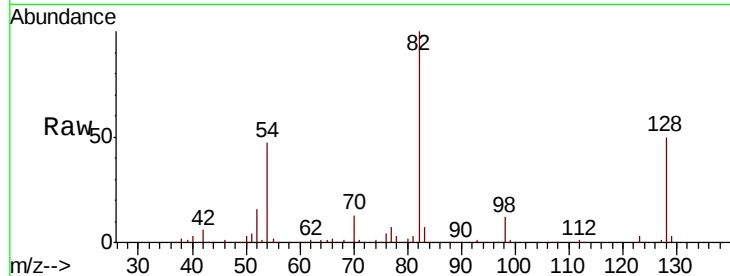




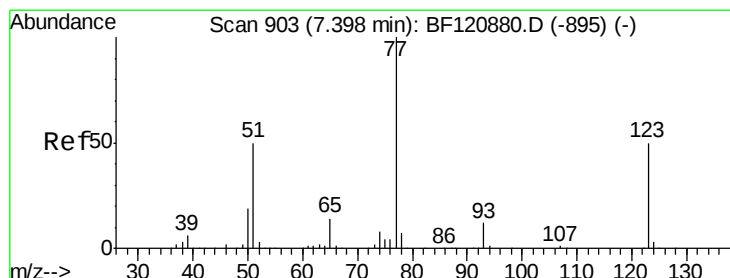
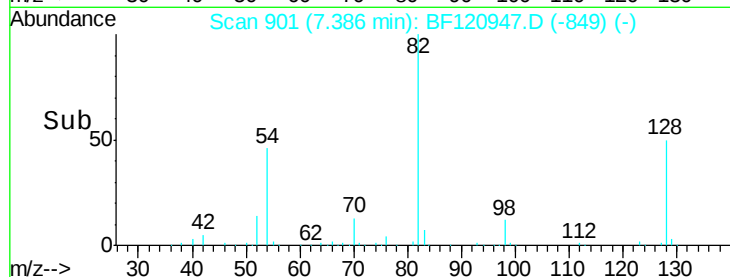
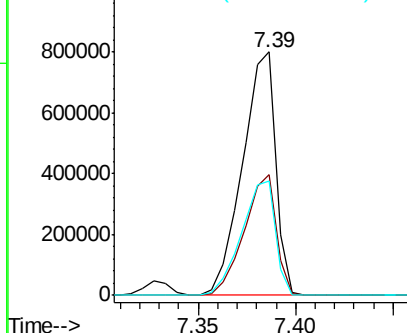
#23
 Nitrobenzene-d5
 Concen: 78.823 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	941585
Ion Ratio	100	Lower	Upper
128	49.8	38.2	57.4
54	46.8	38.7	58.1

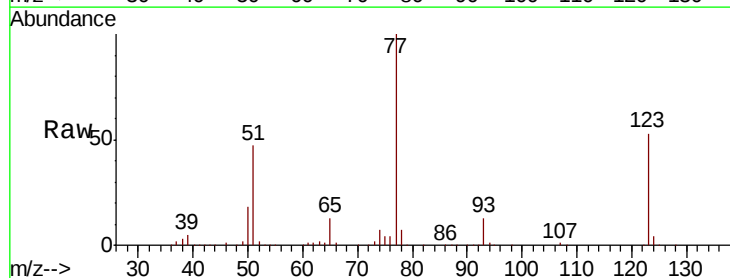


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

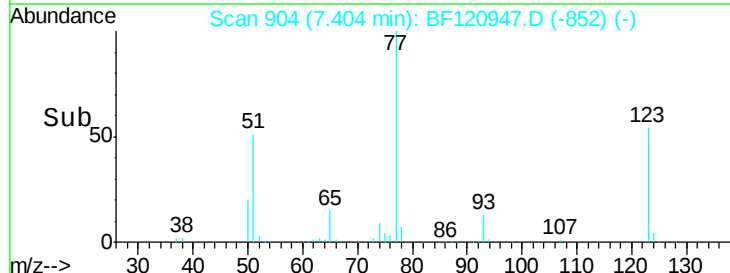
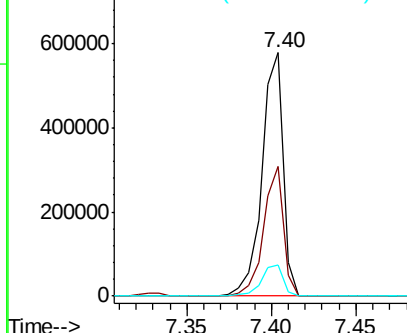


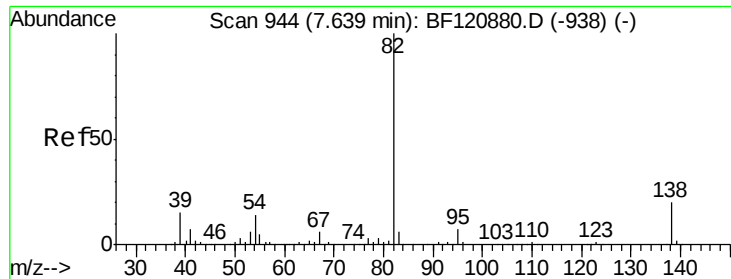
#24
 Nitrobenzene
 Concen: 39.174 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion	77	Resp	504366
Ion Ratio	100	Lower	Upper
123	53.4	40.1	60.1
65	12.8	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: 38.655 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

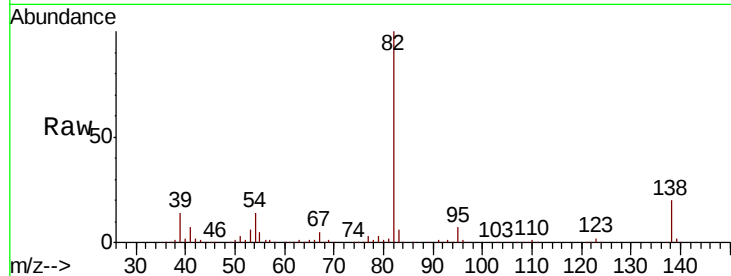
Tot Ion: 82 Resp: 921560

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

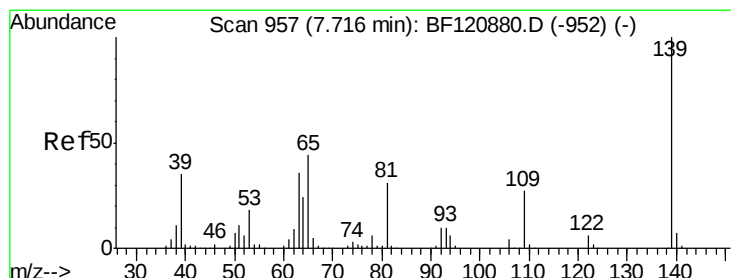
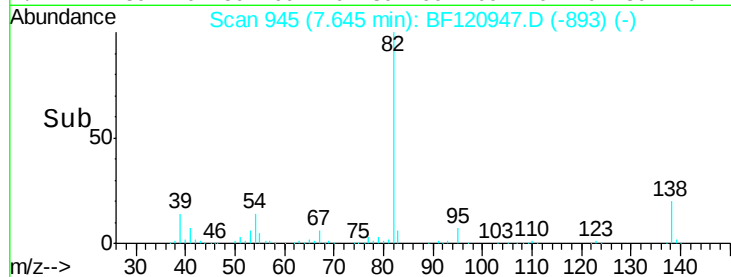
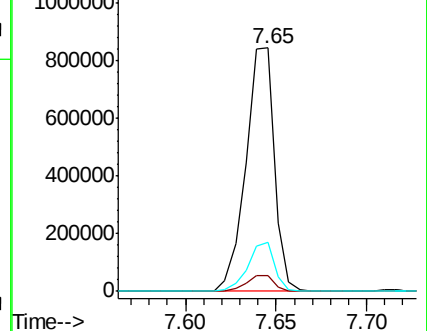
138 20.1 15.6 23.4



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: 42.536 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

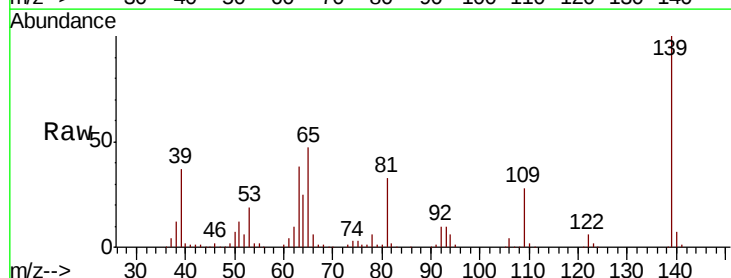
Tgt Ion: 139 Resp: 260094

Ion Ratio Lower Upper

139 100

109 27.9 21.6 32.4

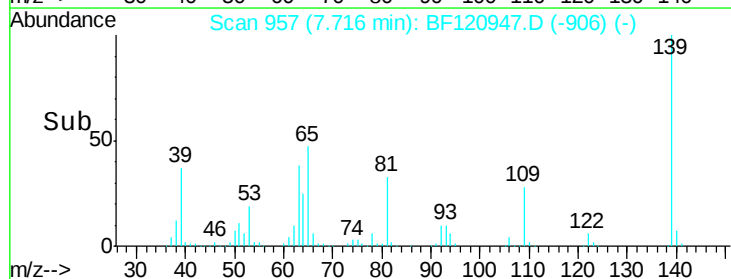
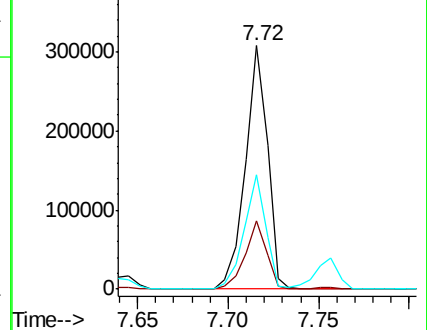
65 47.0 35.3 52.9

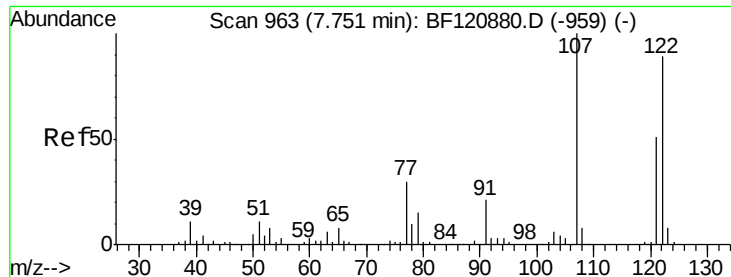


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

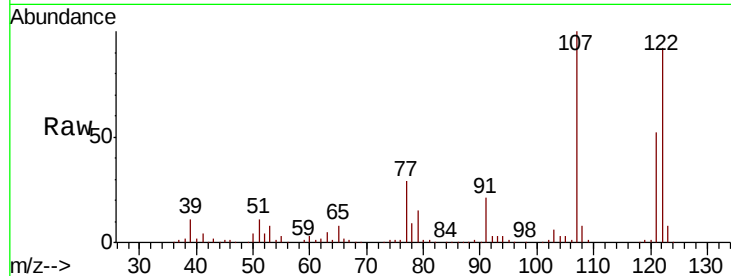




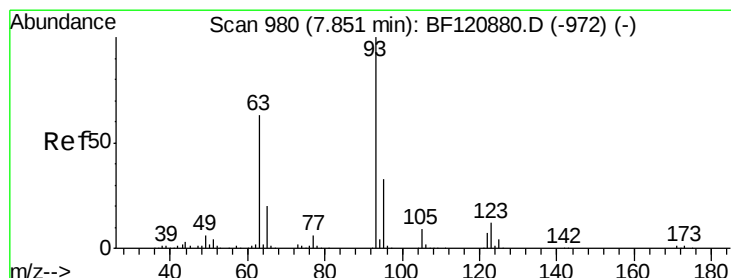
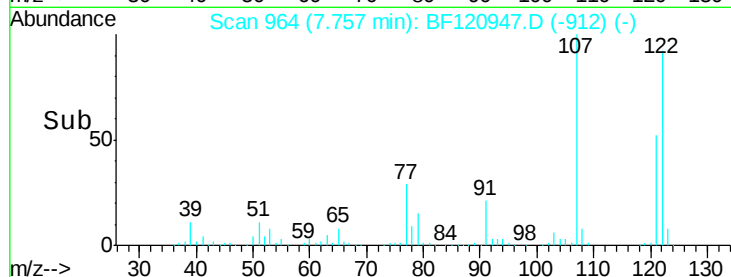
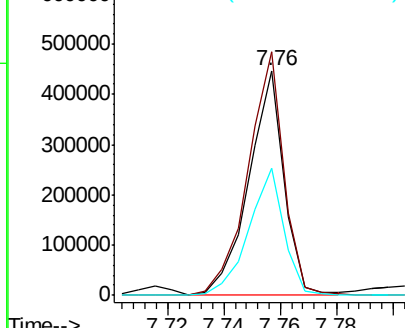
#27
 2,4-Dimethylphenol
 Concen: 38.769 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 384895
 Ion Ratio Lower Upper
 122 100
 107 108.3 89.4 134.0
 121 56.7 46.0 69.0

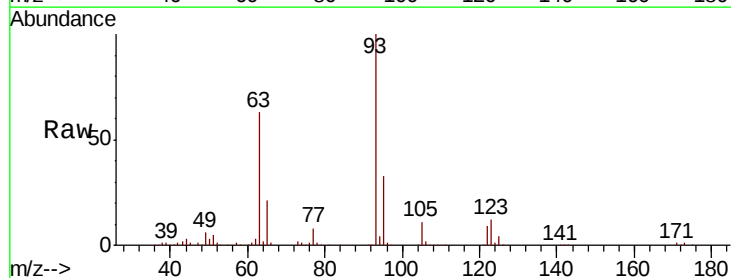


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

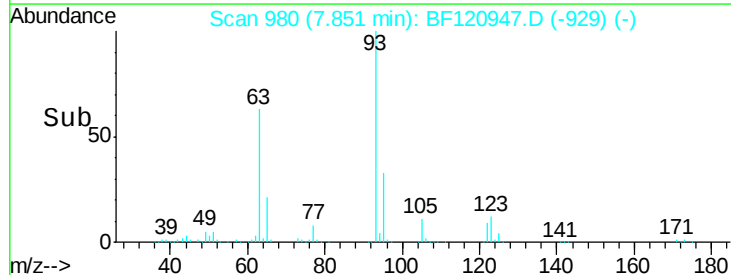
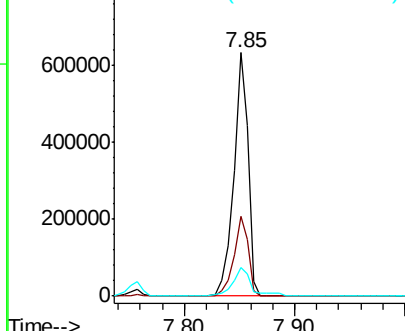


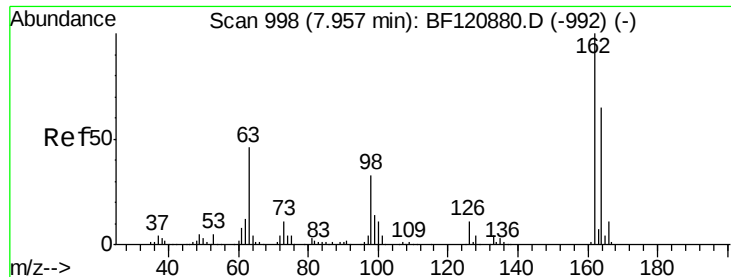
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.668 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion: 93 Resp: 577278
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.6 39.8
 123 11.9 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

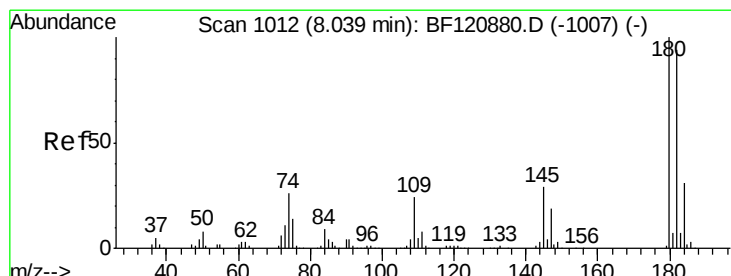
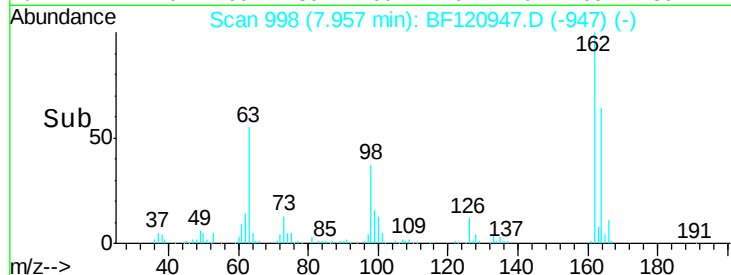
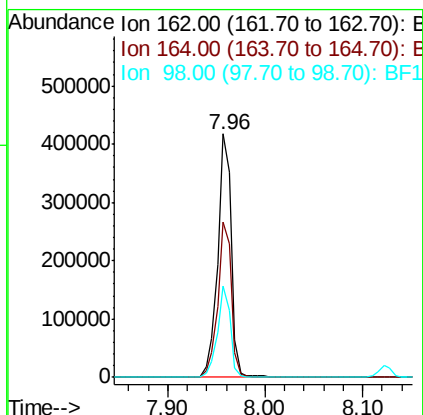
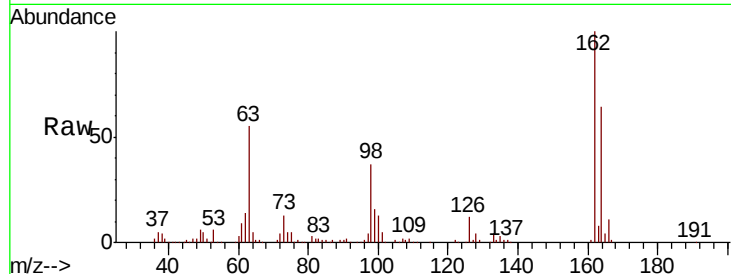




#29
2,4-Dichlorophenol
Concen: 39.646 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

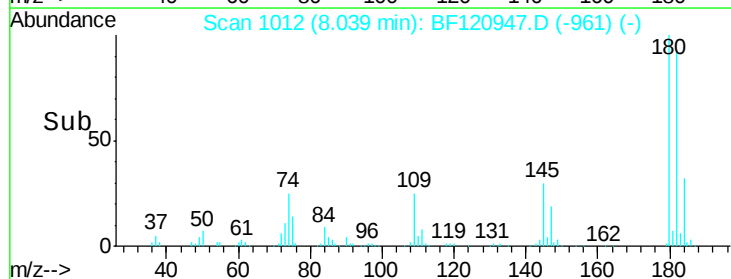
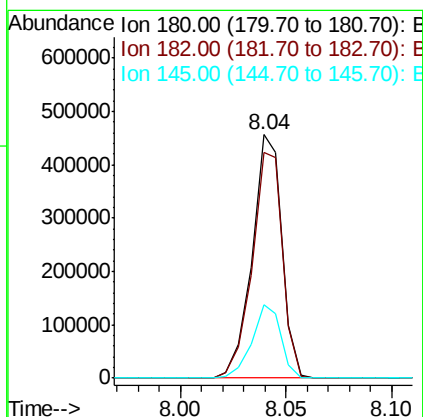
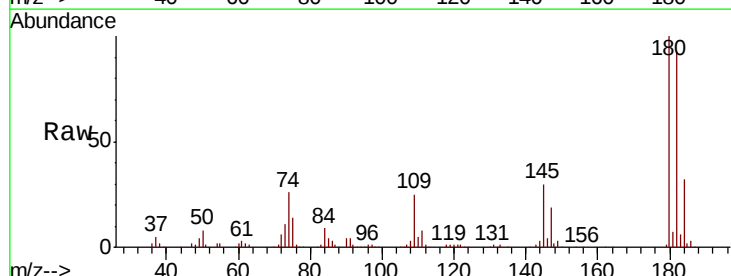
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

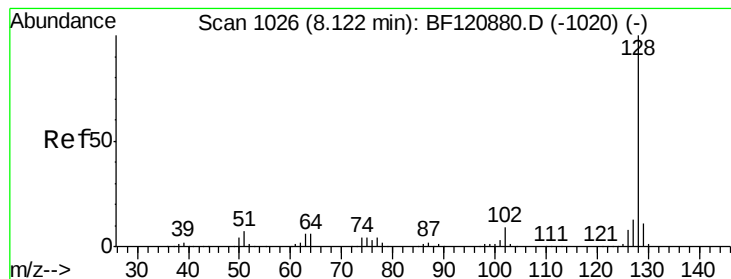
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.3	85.3
98	37.4	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 39.640 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.0	112.6
145	30.1	23.5	35.3





#31

Naphthalene

Concen: 38.399 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

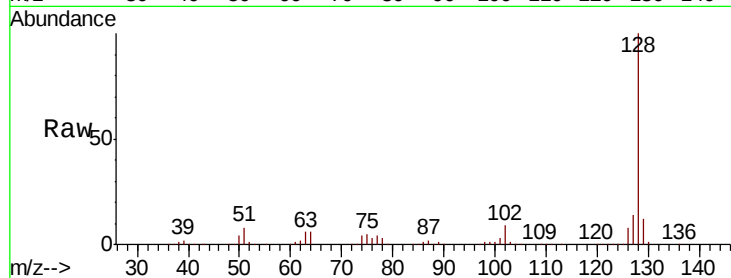
Tot Ion:128 Resp: 1361446

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

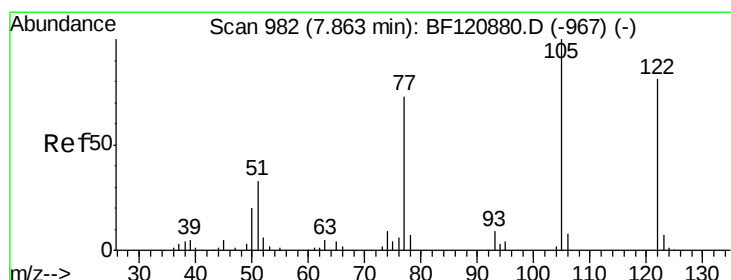
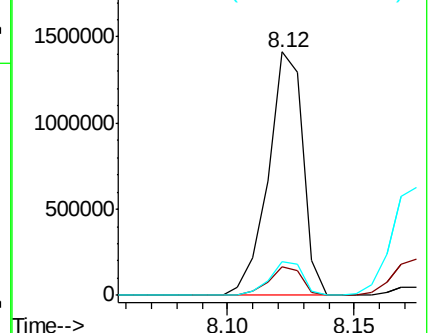
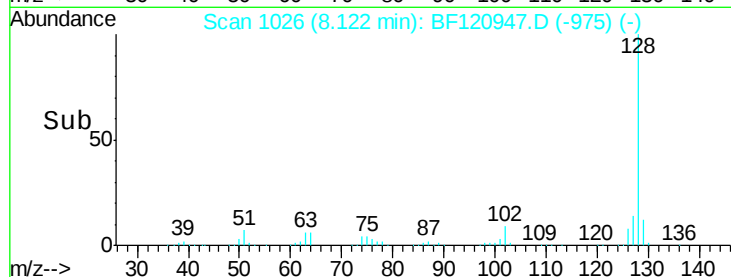
127 13.6 10.7 16.1



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: 37.866 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

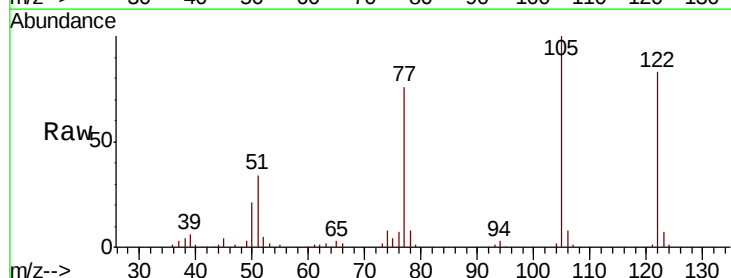
Tgt Ion:122 Resp: 282202

Ion Ratio Lower Upper

122 100

105 120.7 101.3 141.3

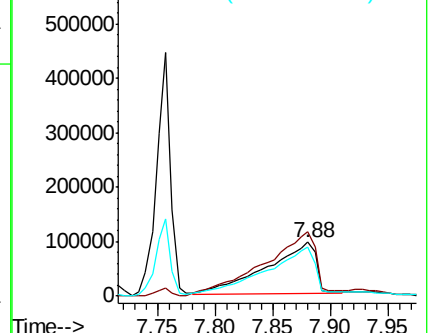
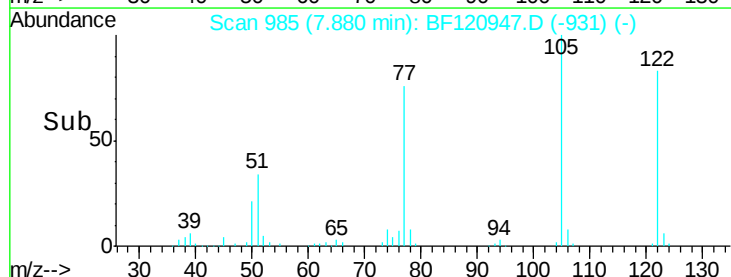
77 91.6 69.1 109.1

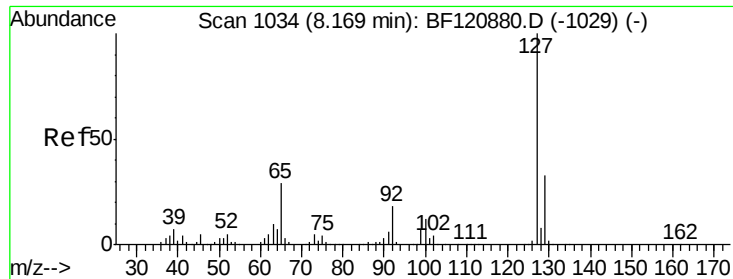


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

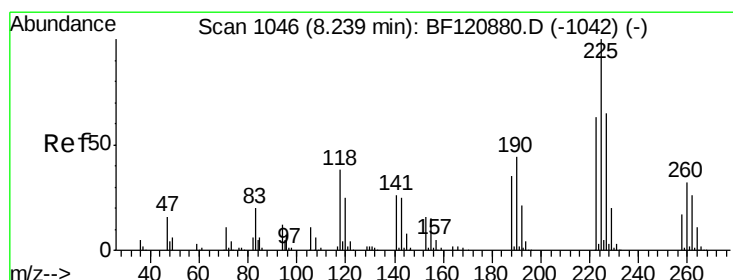
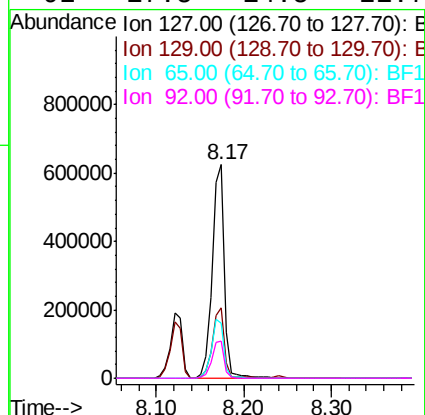
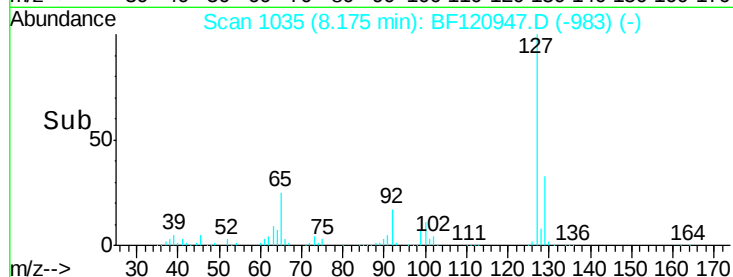
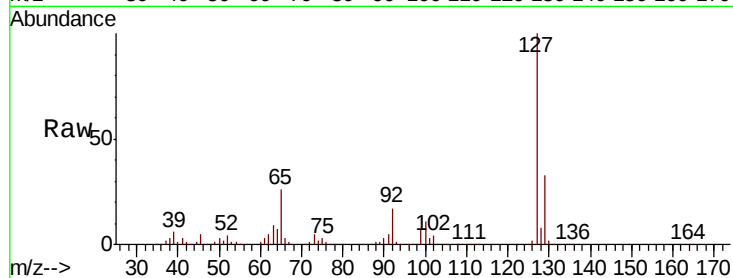




#33
4-Chloroaniline
Concen: 38.211 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

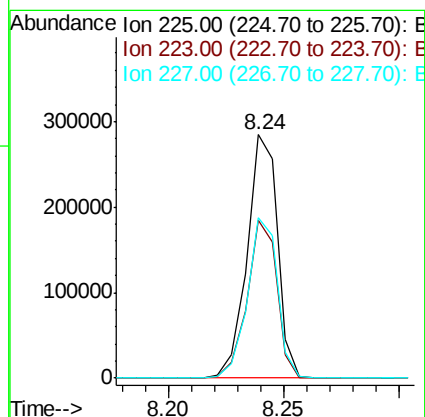
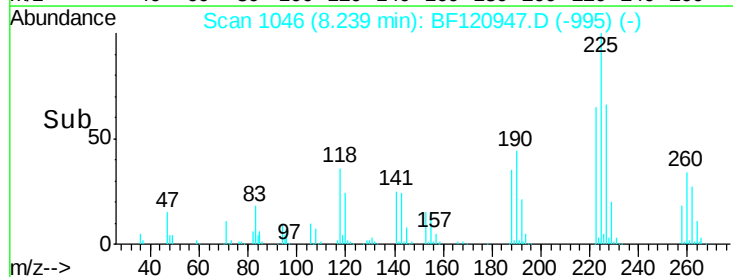
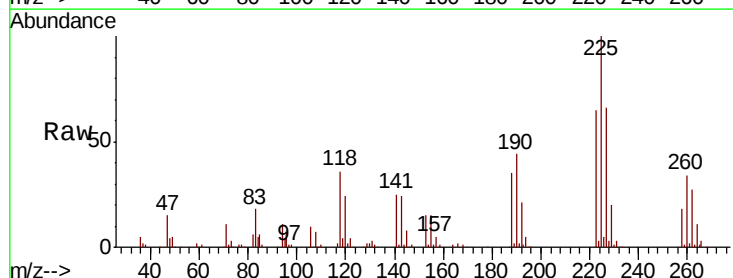
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

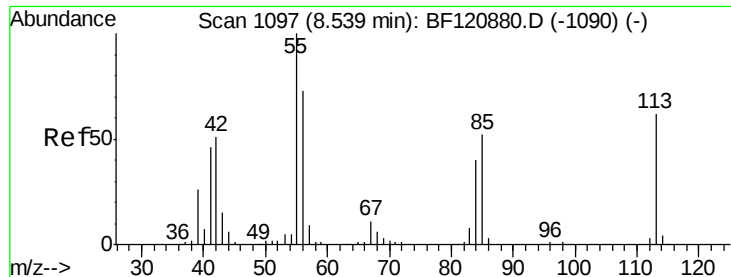
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.5	39.7
65	26.0	23.0	34.4
92	17.5	14.5	21.7



#34
Hexachlorobutadiene
Concen: 39.511 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	66.0	52.2	78.2

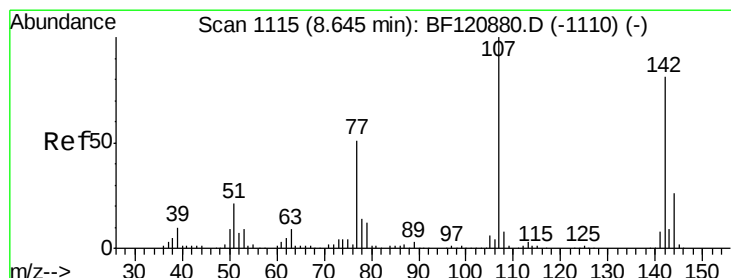
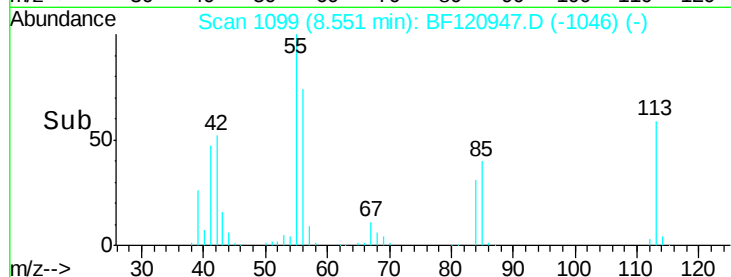
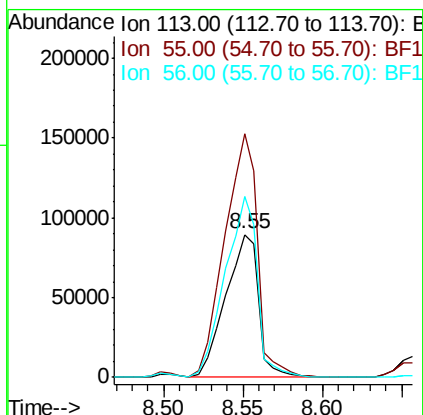
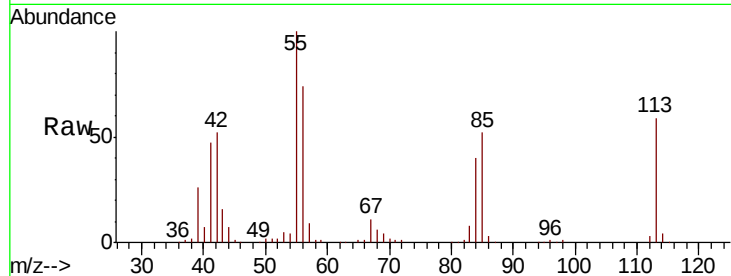




#35
Caprolactam
Concen: 39.483 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

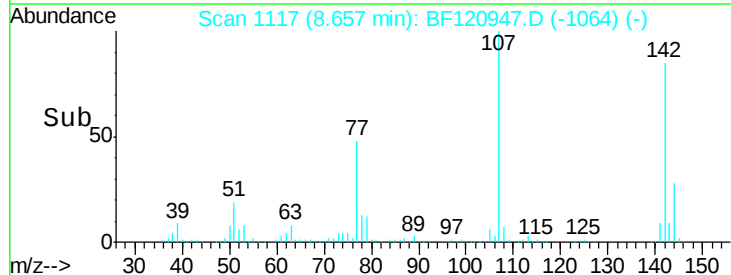
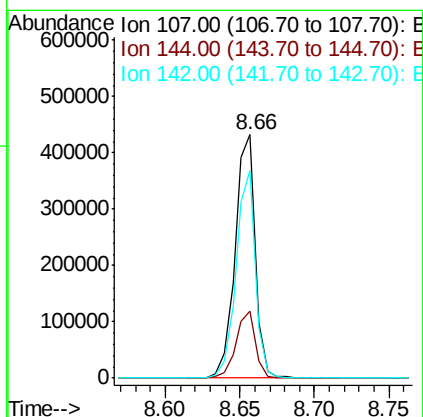
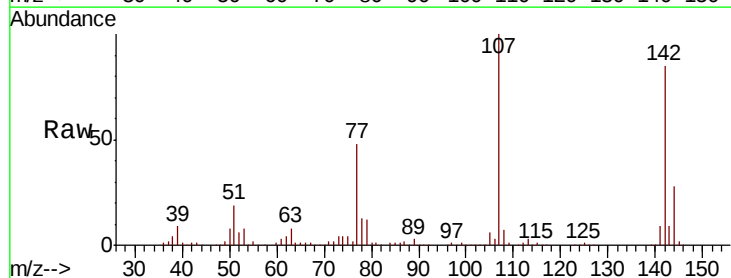
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

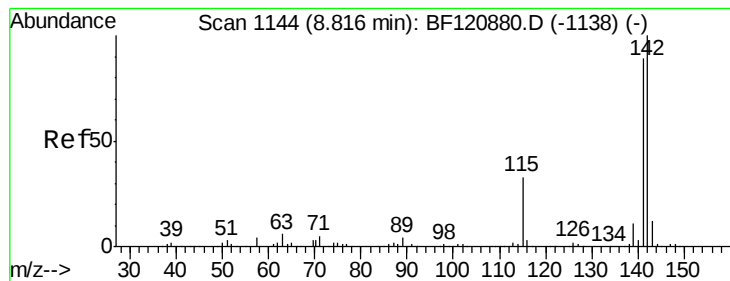
Tot Ion:113 Resp: 128451
Ion Ratio Lower Upper
113 100
55 170.6 143.3 183.3
56 126.5 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 39.530 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:107 Resp: 411294
Ion Ratio Lower Upper
107 100
144 27.6 21.0 31.6
142 85.2 65.0 97.6





#37

2-Methylnaphthalene

Concen: 39.409 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

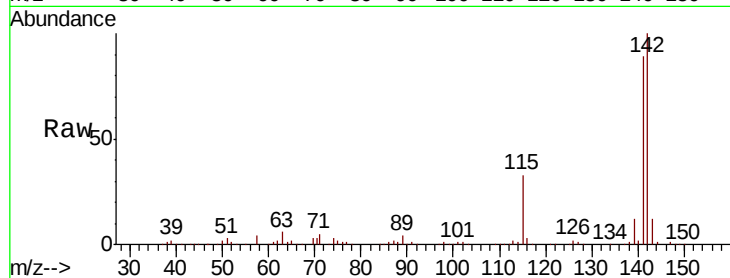
Tot Ion:142 Resp: 907245

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.4

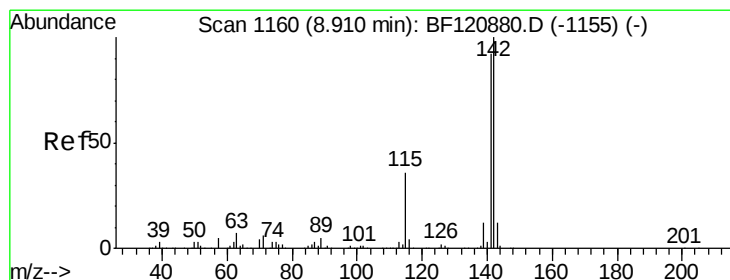
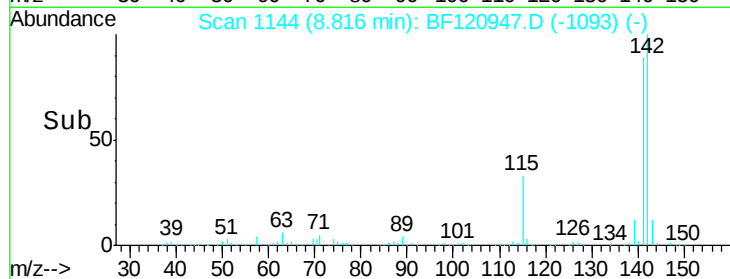
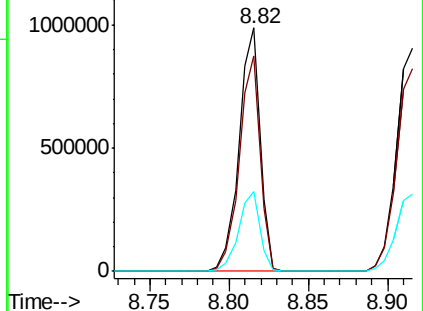
115 33.0 26.0 39.0



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: 39.301 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

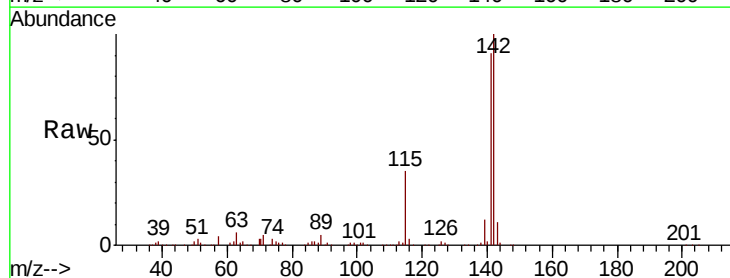
Tgt Ion:142 Resp: 856914

Ion Ratio Lower Upper

142 100

141 90.8 73.7 110.5

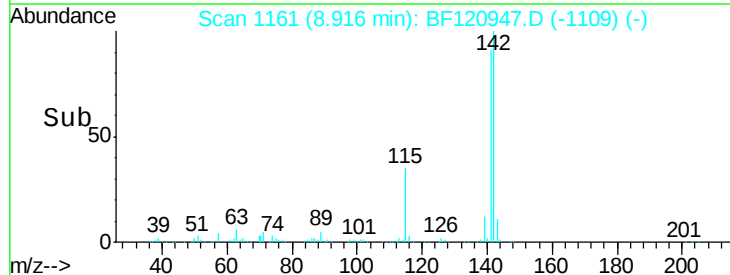
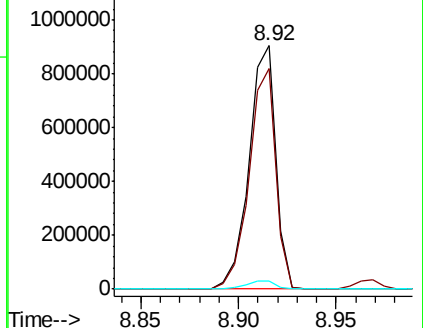
116 3.4 3.0 4.6

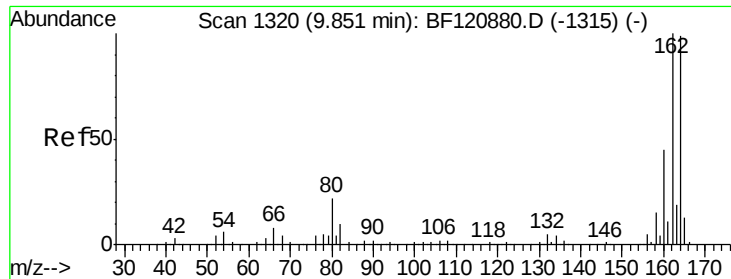


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

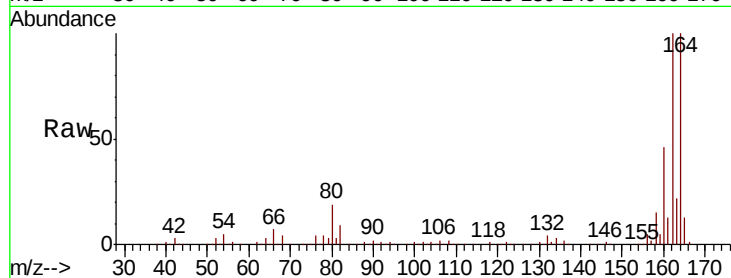
Tot Ion:164 Resp: 364372

Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

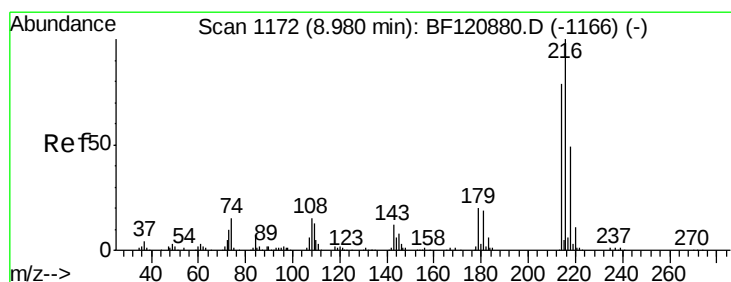
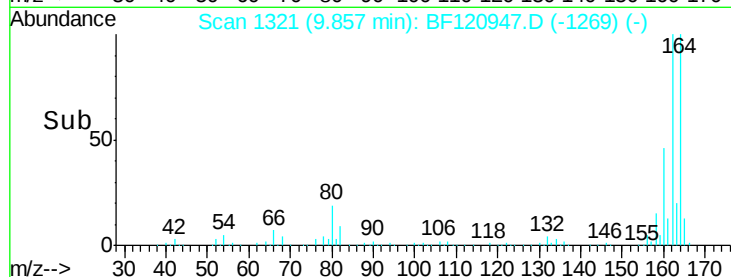
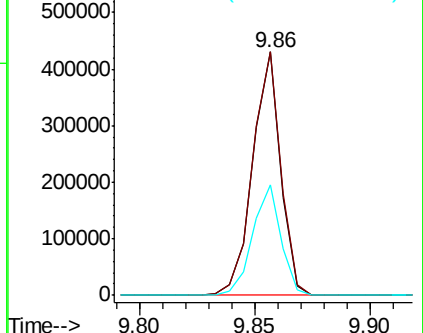
160 45.7 36.9 55.3



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: 39.642 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Tgt Ion:216 Resp: 420854

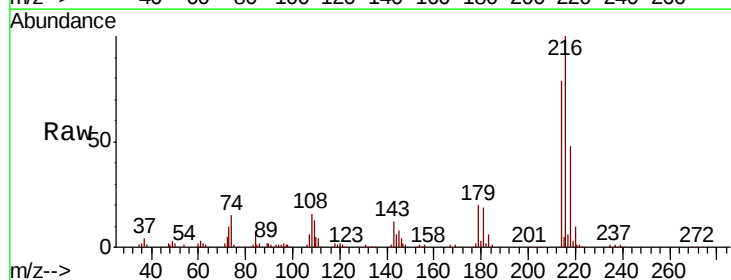
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 20.3 16.6 24.8

108 18.5 15.4 23.0

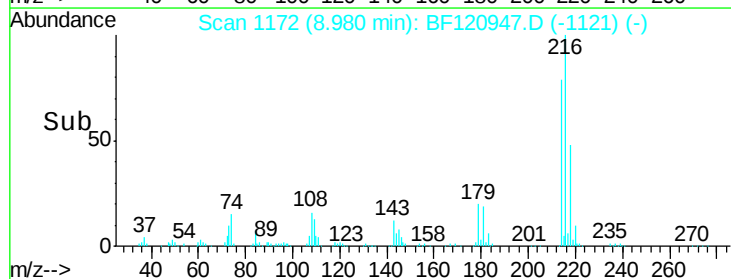
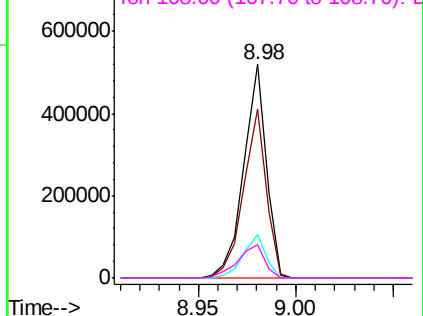


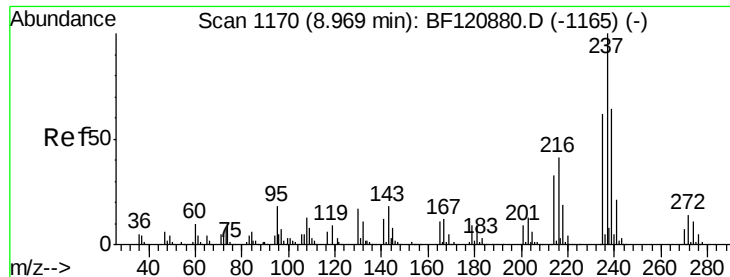
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.852 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

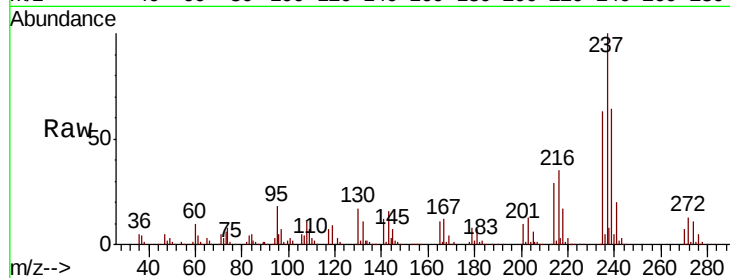
Tot Ion:237 Resp: 239693

Ion Ratio Lower Upper

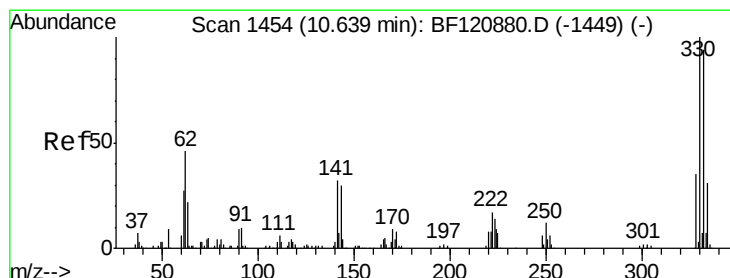
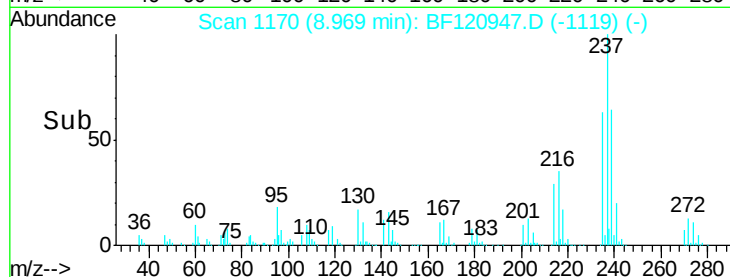
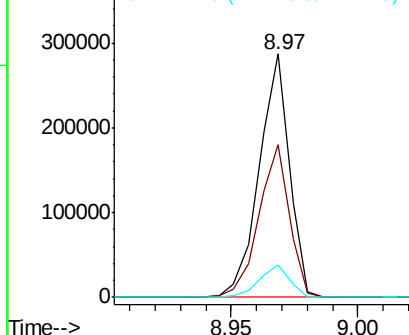
237 100

235 62.7 41.6 81.6

272 13.4 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 80.731 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

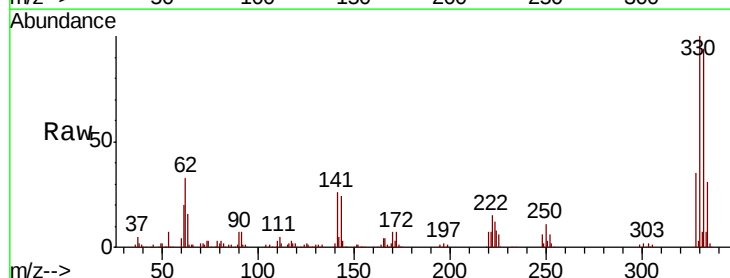
Tgt Ion:330 Resp: 321988

Ion Ratio Lower Upper

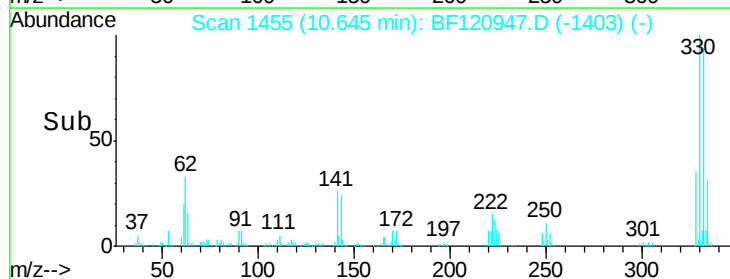
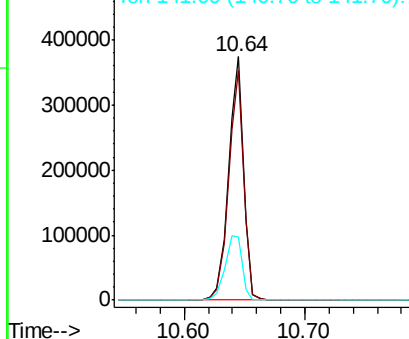
330 100

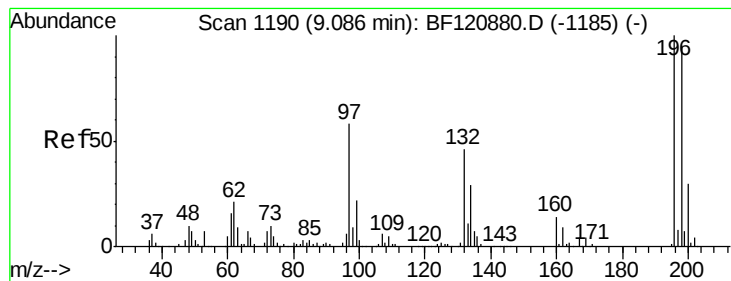
332 94.5 75.5 113.3

141 30.2 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: 39.985 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

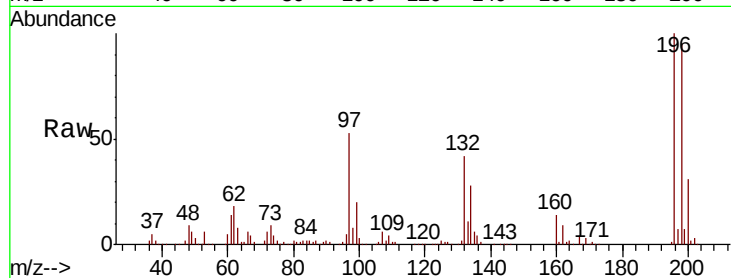
Tot Ion:196 Resp: 298877

Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

200 30.8 24.4 36.6

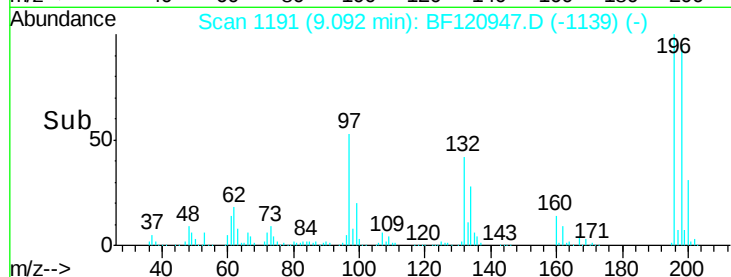


Abundance Ion 196.00 (195.70 to 196.70): E

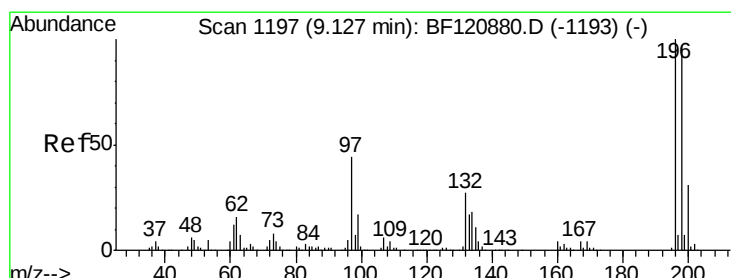
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

Time-->



Time-->



#44

2,4,5-Trichlorophenol

Concen: 40.408 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Tgt Ion:196 Resp: 342615

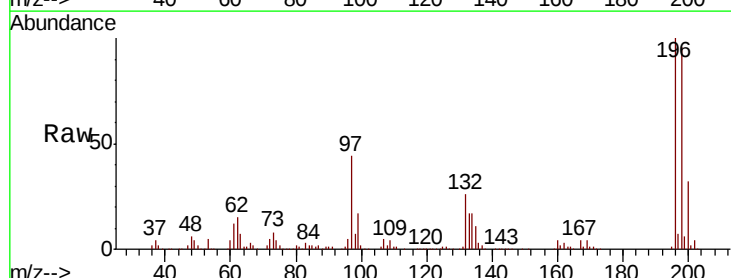
Ion Ratio Lower Upper

196 100

198 95.8 77.6 116.4

97 44.3 35.6 53.4

132 26.4 21.5 32.3



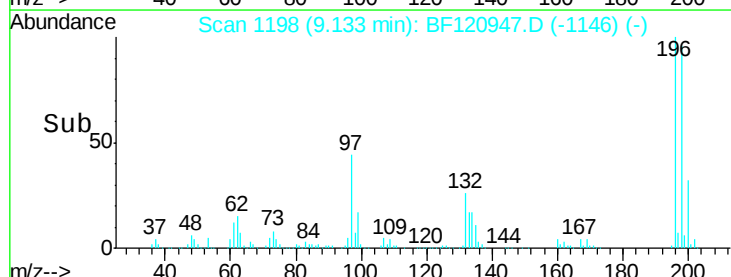
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

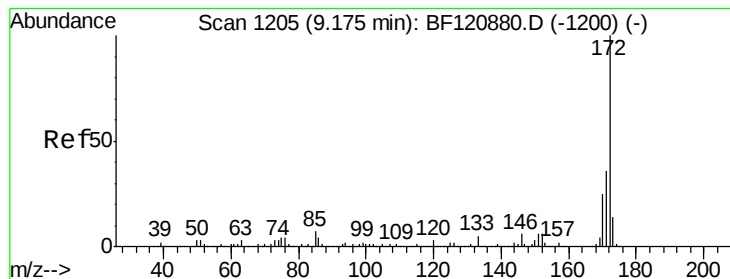
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

Time-->



Time-->



#45

2-Fluorobiphenyl

Concen: 68.048 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

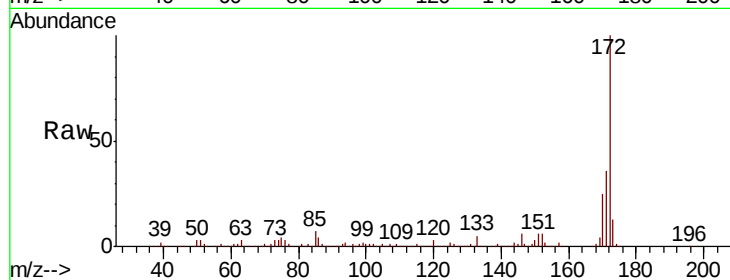
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1660677

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.7	19.6	29.4

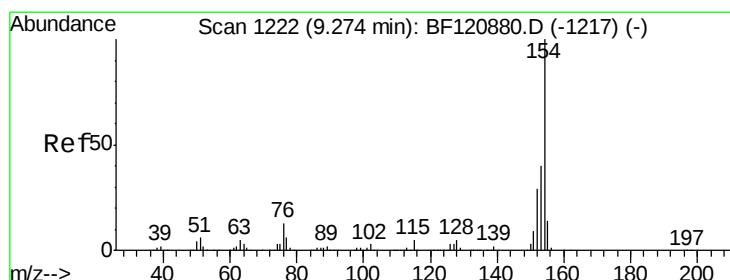
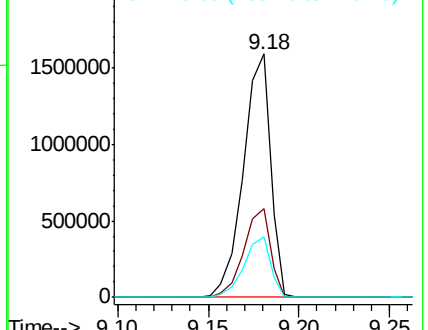
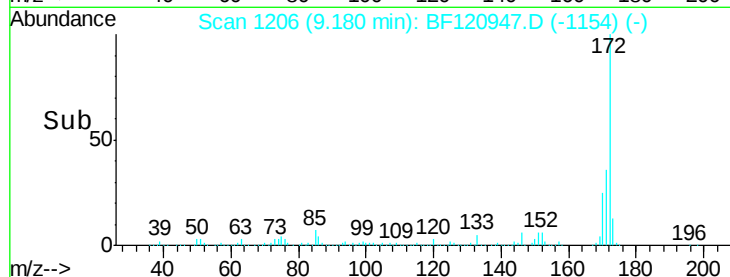


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.243 ng

RT: 9.28 min Scan# 1223

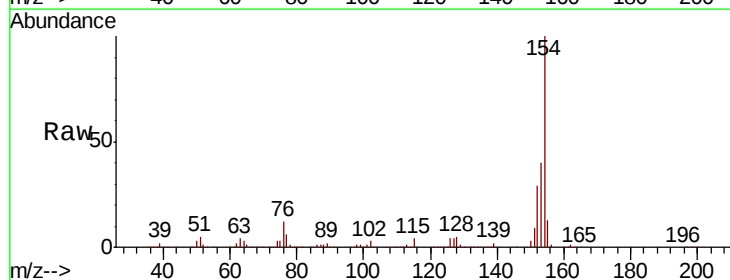
Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Tgt Ion:154 Resp: 1062942

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	11.6	0.0	33.1

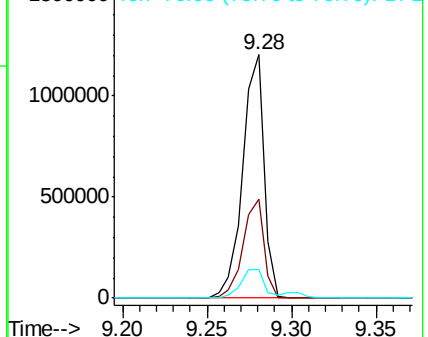
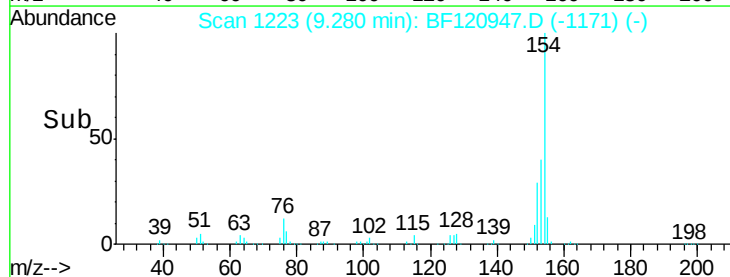


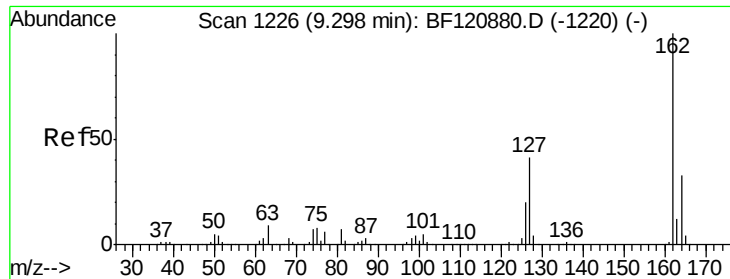
Abundance

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

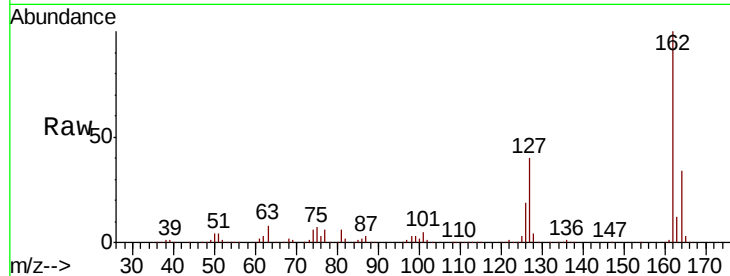




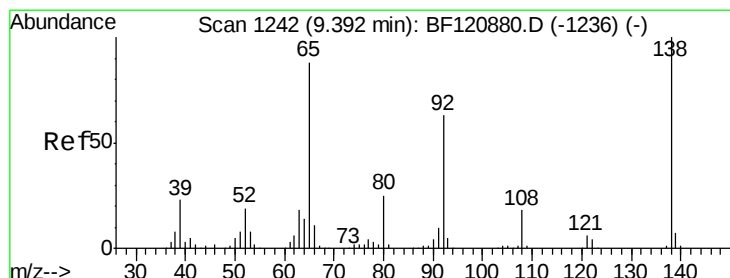
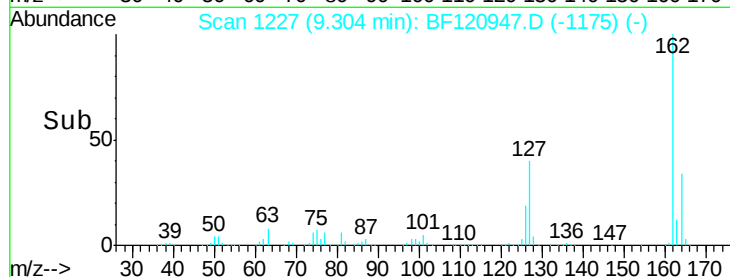
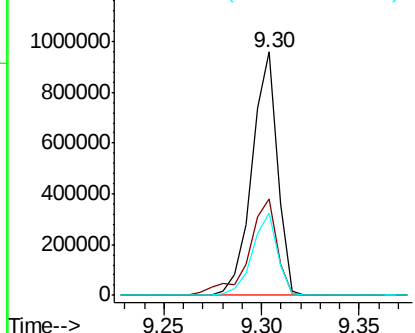
#47
 2-Chloronaphthalene
 Concen: 38.145 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 864402
 Ion Ratio Lower Upper
 162 100
 127 39.7 33.3 49.9
 164 33.6 26.6 39.8

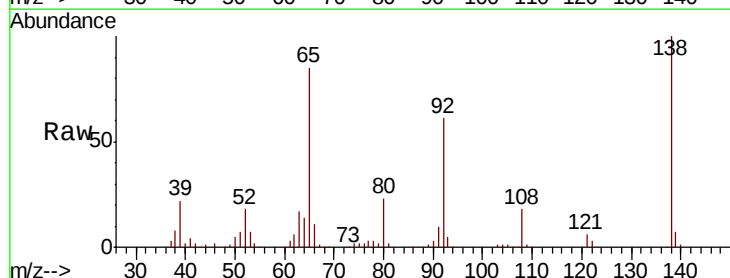


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

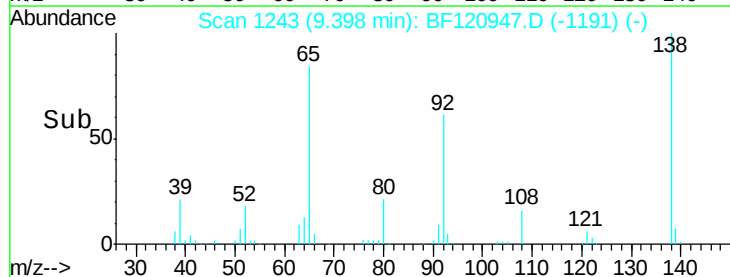
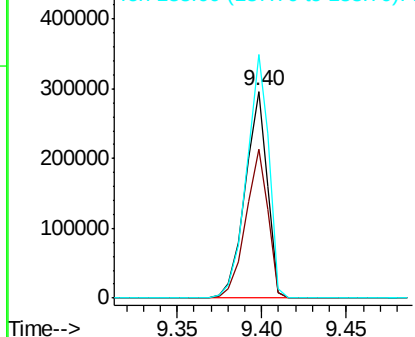


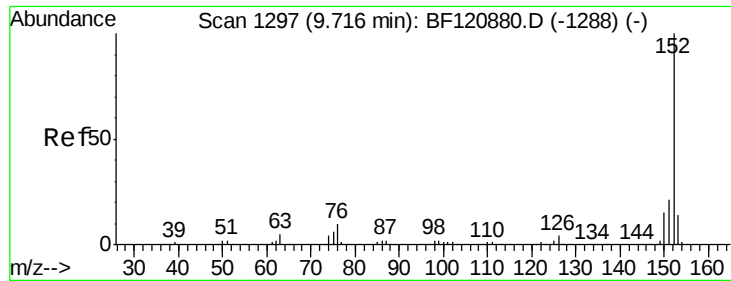
#48
 2-Nitroaniline
 Concen: 39.873 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion: 65 Resp: 273058
 Ion Ratio Lower Upper
 65 100
 92 71.9 57.0 85.4
 138 117.6 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: 38.189 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

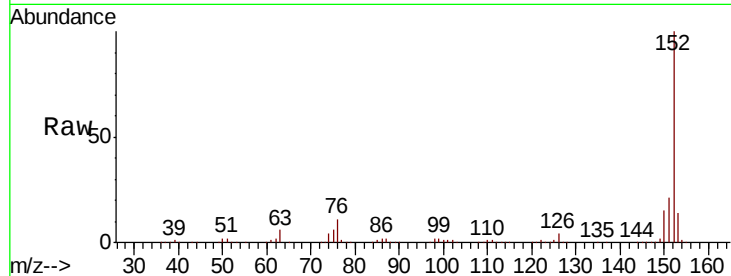
Tot Ion:152 Resp: 1344398

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

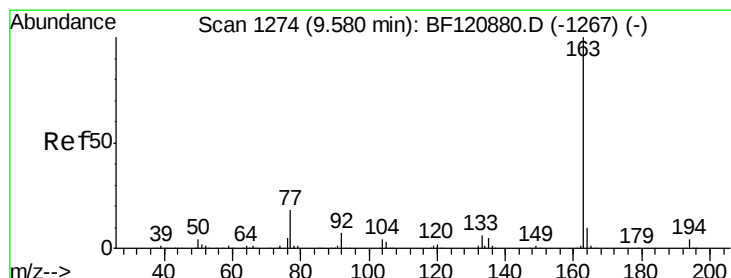
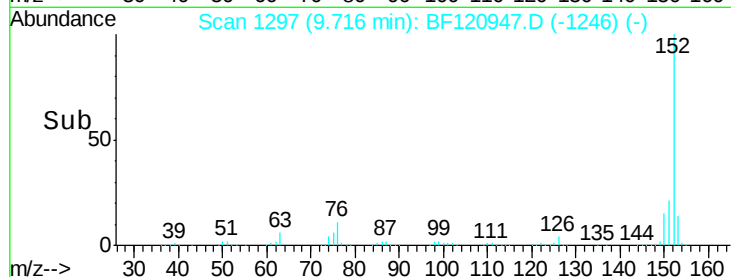
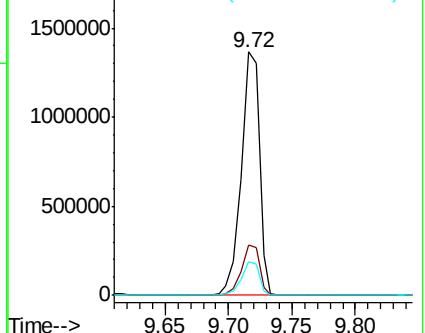
153 13.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.961 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

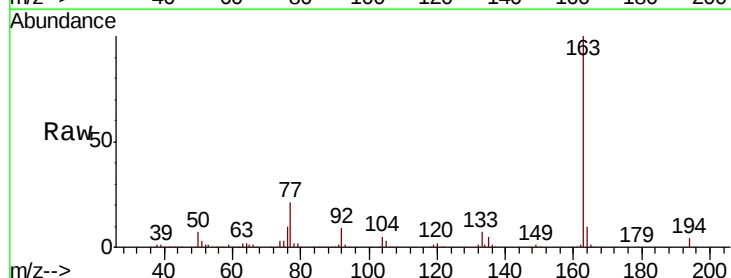
Tgt Ion:163 Resp: 1024174

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

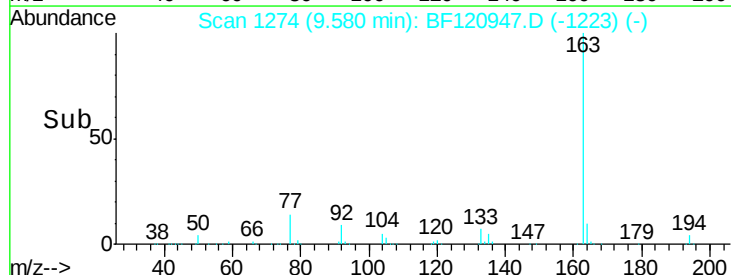
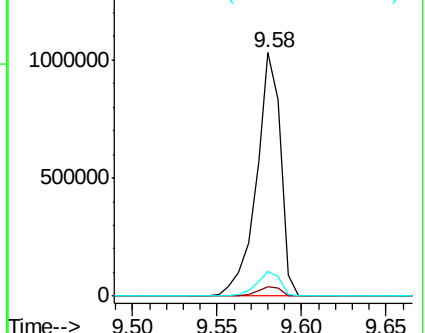
164 10.3 7.9 11.9

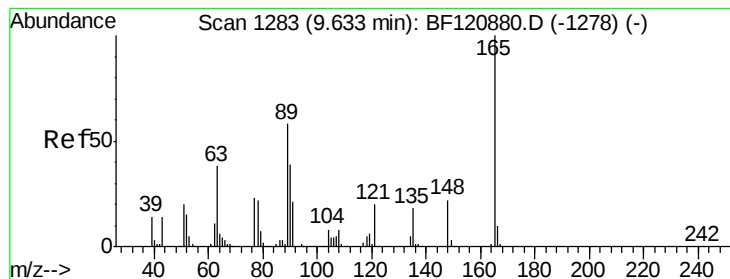


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.083 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

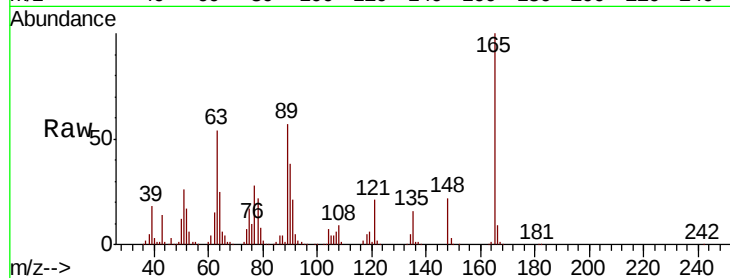
Tot Ion:165 Resp: 232020

Ion Ratio Lower Upper

165 100

63 54.0 45.4 68.2

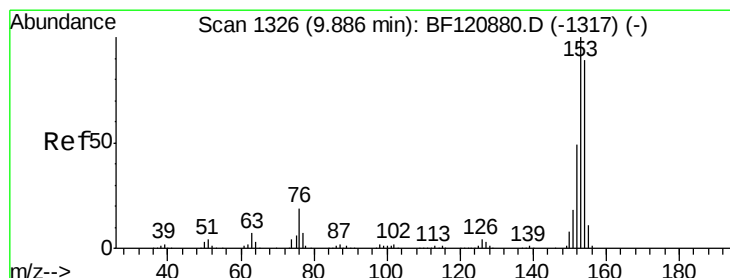
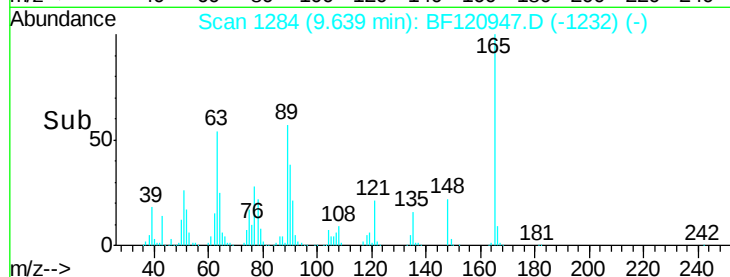
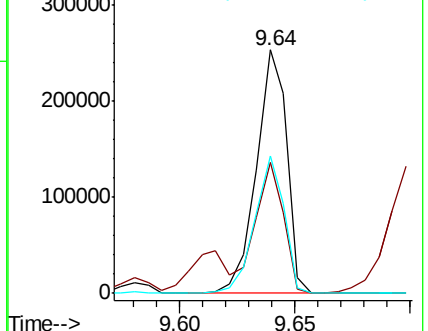
89 56.6 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.415 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

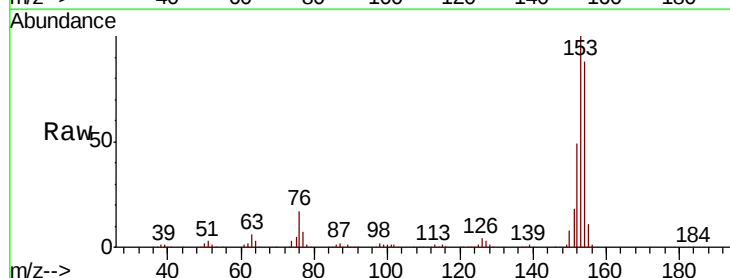
Tgt Ion:154 Resp: 859803

Ion Ratio Lower Upper

154 100

153 113.3 89.5 134.3

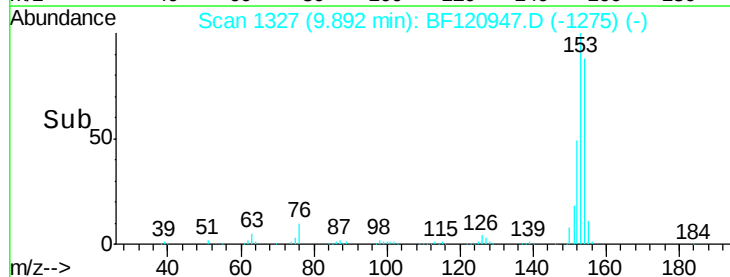
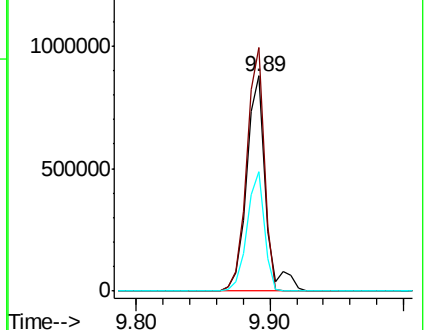
152 55.8 44.2 66.2

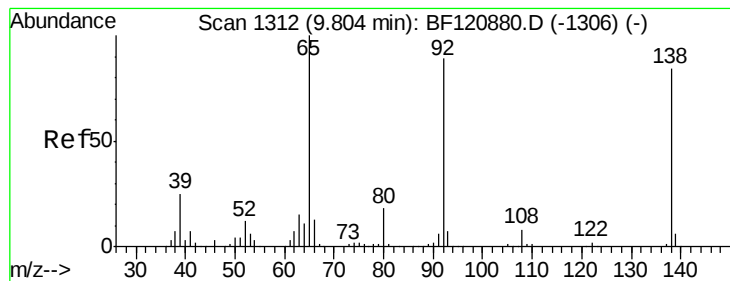


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 38.870 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

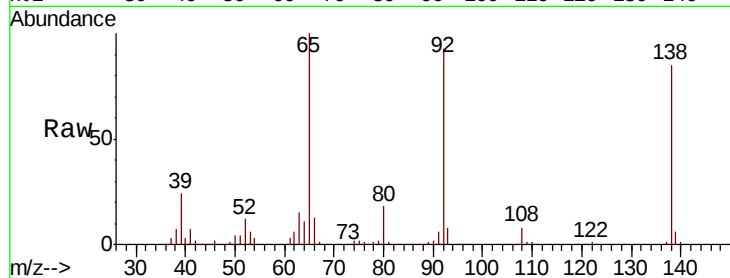
Tot Ion:138 Resp: 275318

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

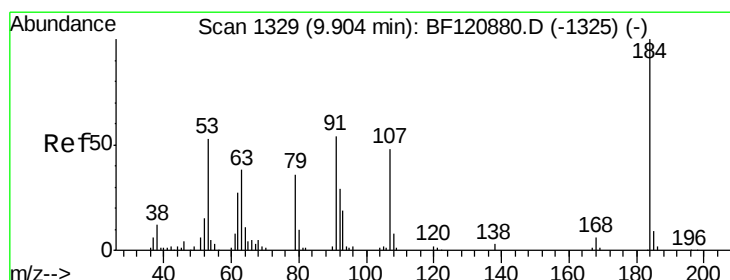
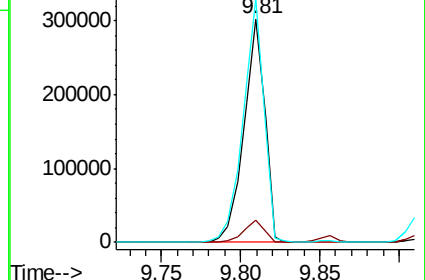
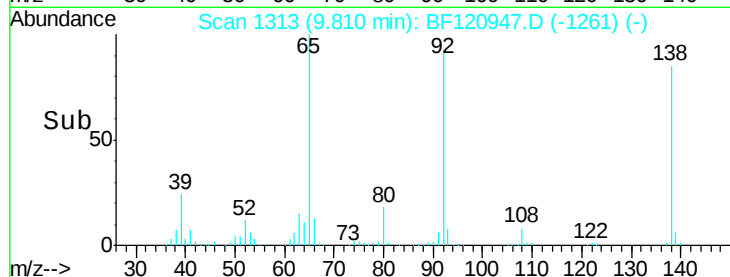
92 108.9 85.3 127.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 39.432 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

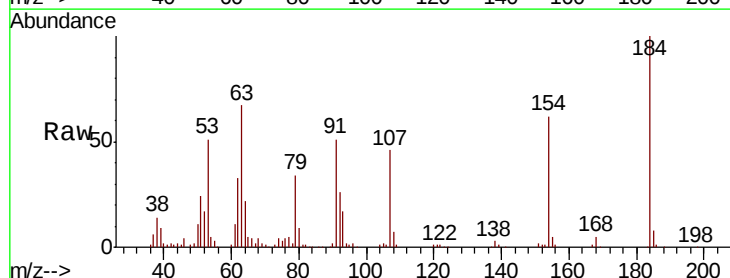
Tgt Ion:184 Resp: 115867

Ion Ratio Lower Upper

184 100

63 67.4 57.9 86.9

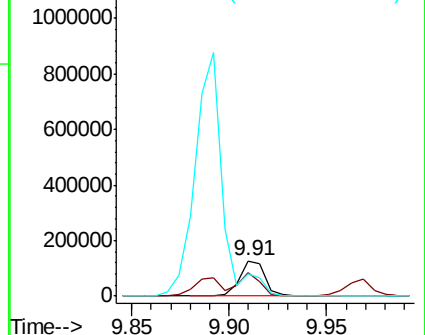
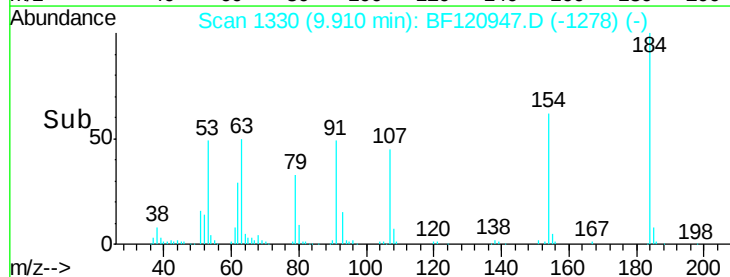
154 61.9 52.6 78.8

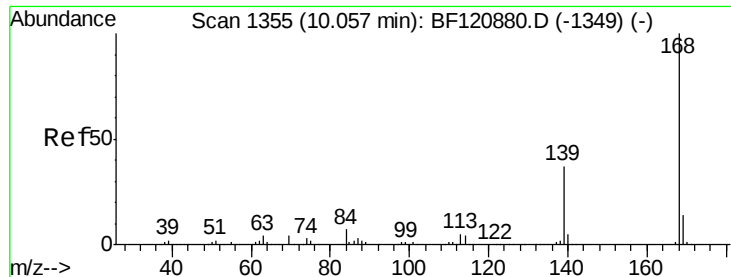


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

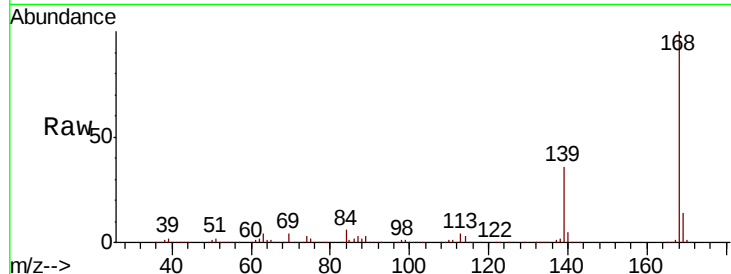




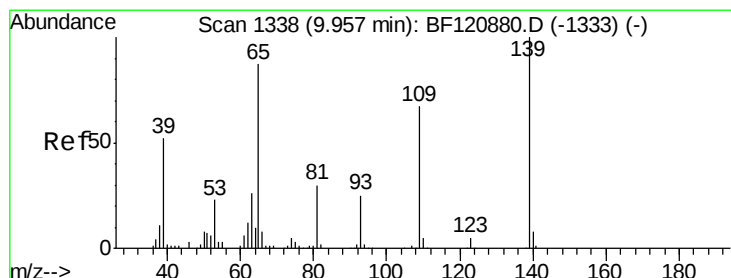
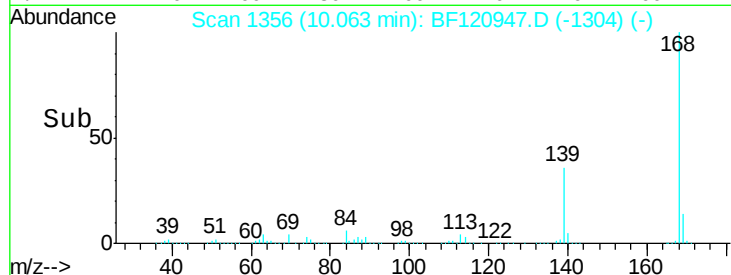
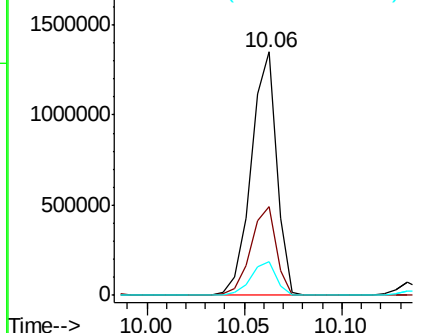
#55
Dibenzenofuran
Concen: 37.808 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1223706
Ion Ratio Lower Upper
168 100
139 36.5 29.7 44.5
169 13.7 11.1 16.7

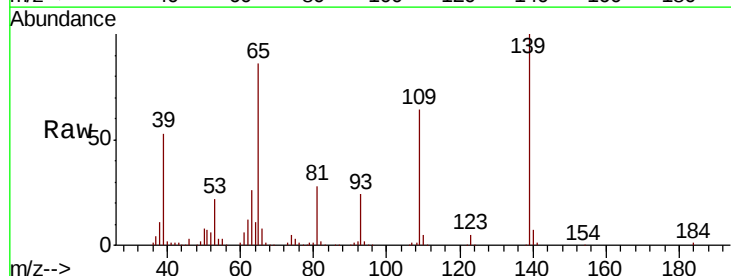


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

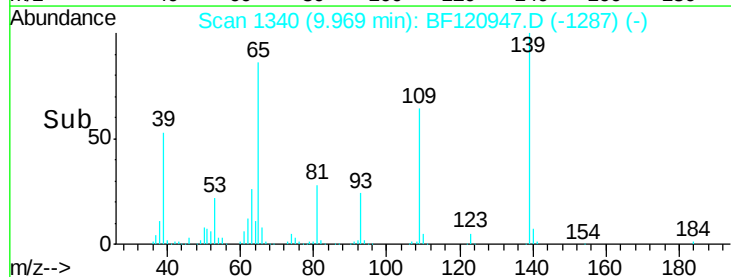
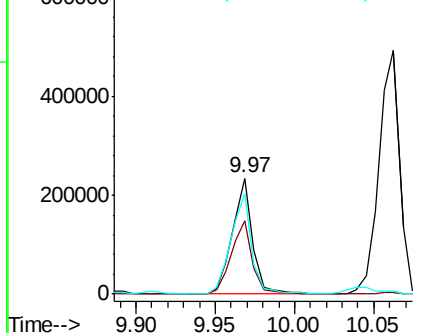


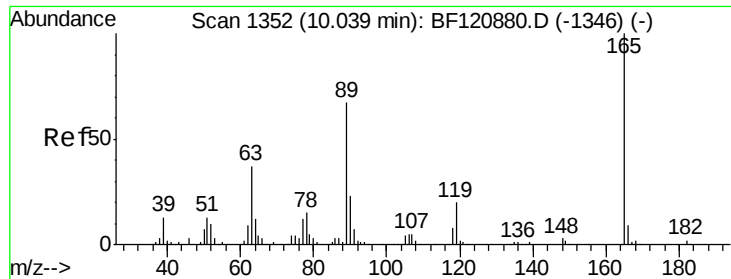
#56
4-Nitrophenol
Concen: 39.170 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:139 Resp: 210755
Ion Ratio Lower Upper
139 100
109 63.6 47.3 87.3
65 86.3 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

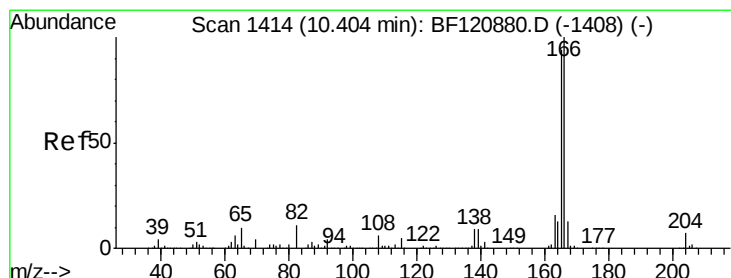
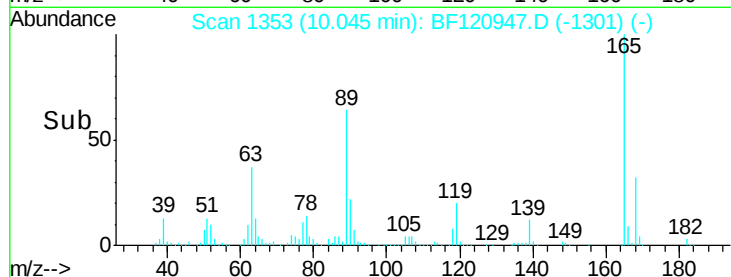
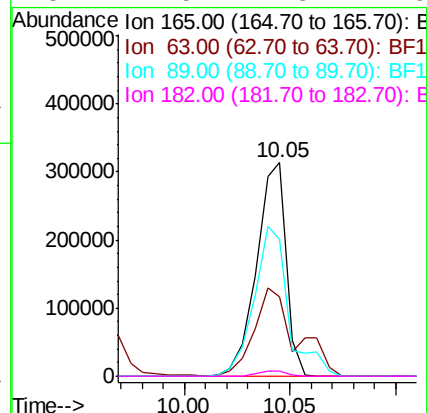
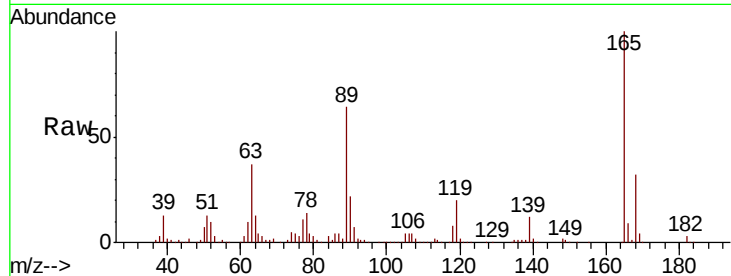




#57
 2,4-Dinitrotoluene
 Concen: 41.341 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

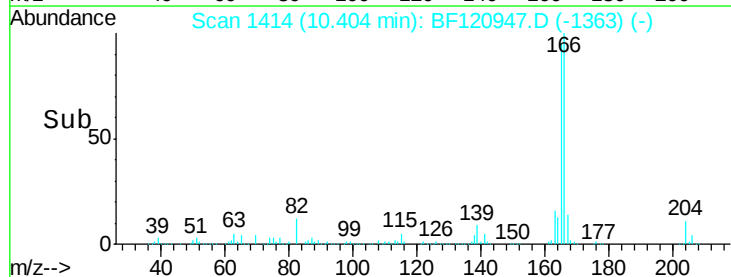
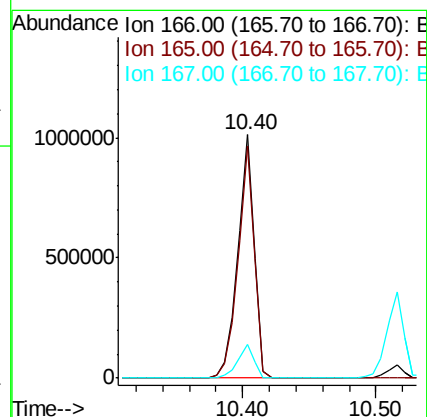
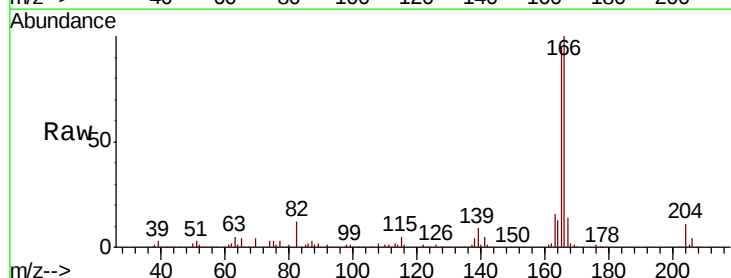
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

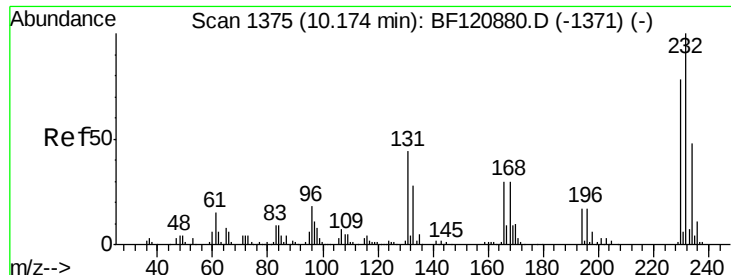
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	29.4	44.2
89	63.9	53.4	80.0
182	2.5	1.8	2.6



#58
 Fluorene
 Concen: 36.358 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	75.4	113.0
167	13.8	10.6	15.8

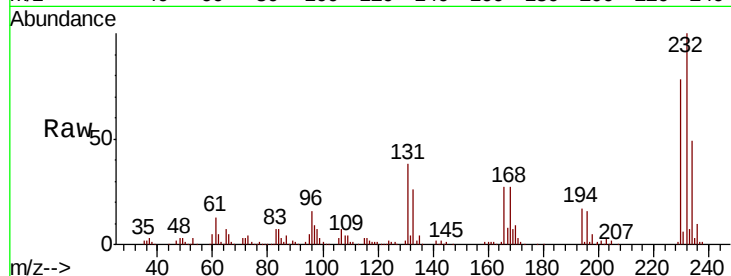




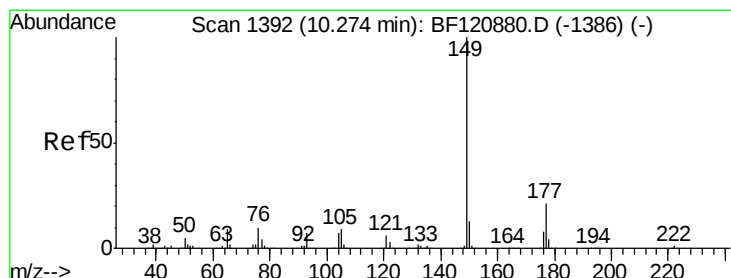
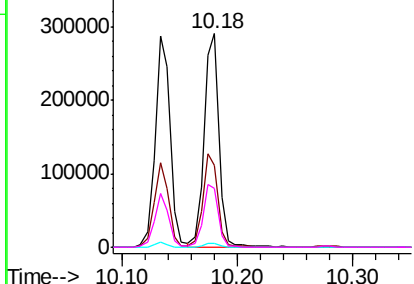
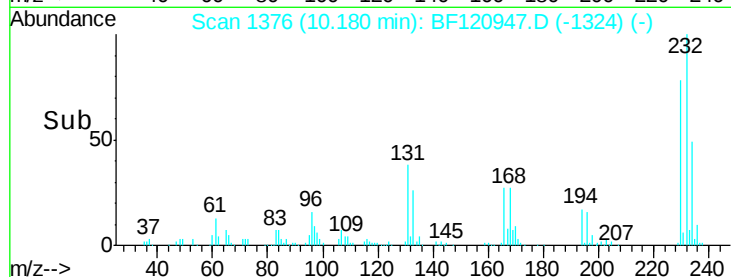
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.340 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 260421
 Ion Ratio Lower Upper
 232 100
 131 43.7 37.1 55.7
 130 2.1 1.7 2.5
 166 30.0 24.2 36.4

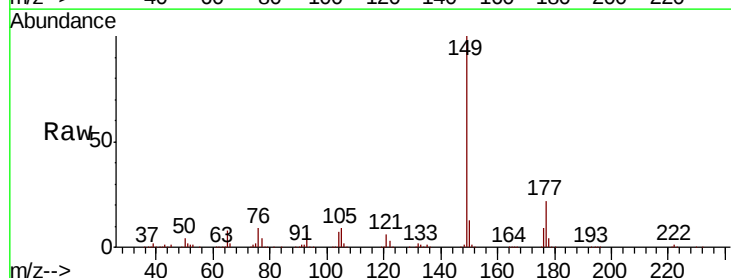


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

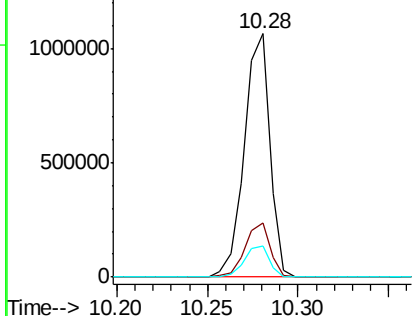
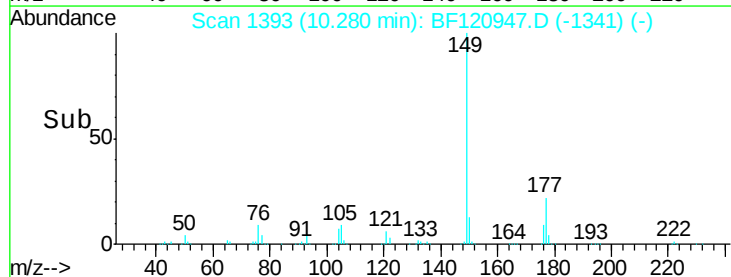


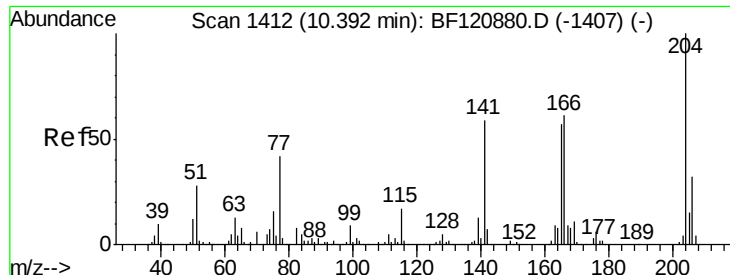
#60
 Diethylphthalate
 Concen: 39.116 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion:149 Resp: 1040040
 Ion Ratio Lower Upper
 149 100
 177 22.5 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

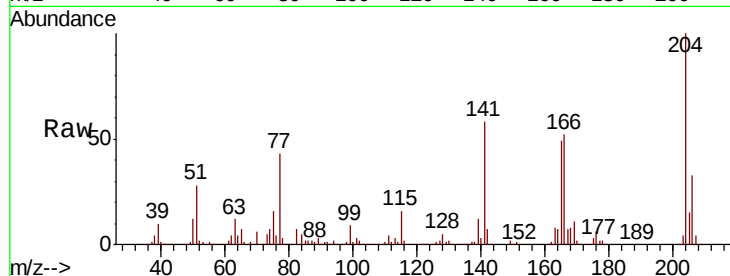




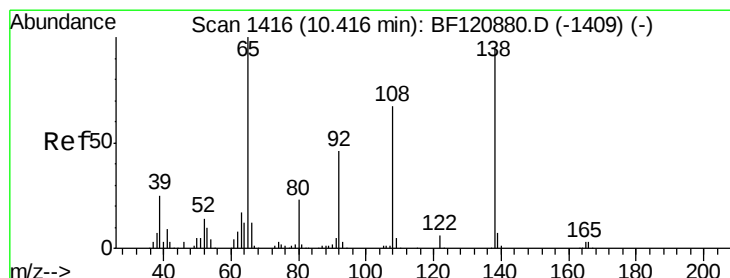
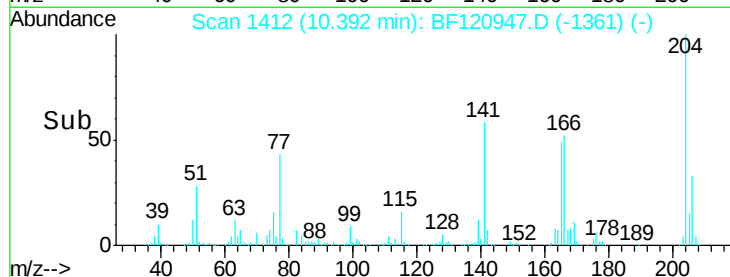
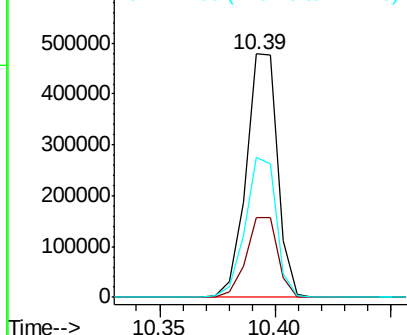
#61
4-Chlorophenyl-phenylether
Concen: 35.474 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 456742
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 57.7 47.2 70.8

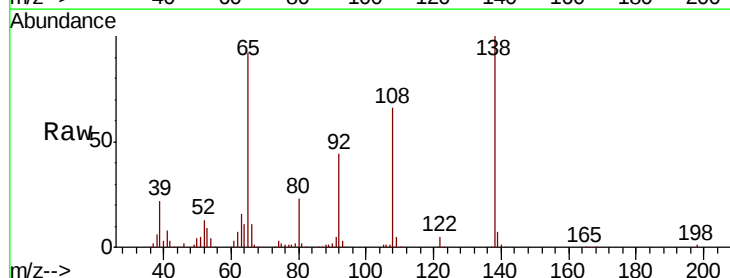


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

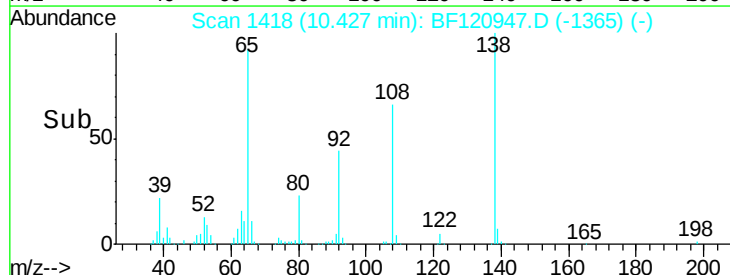
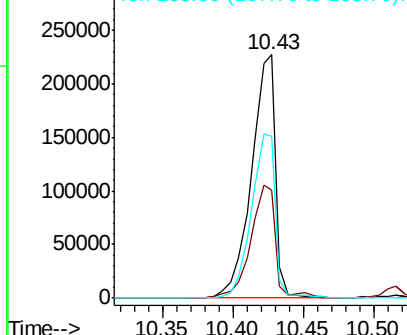


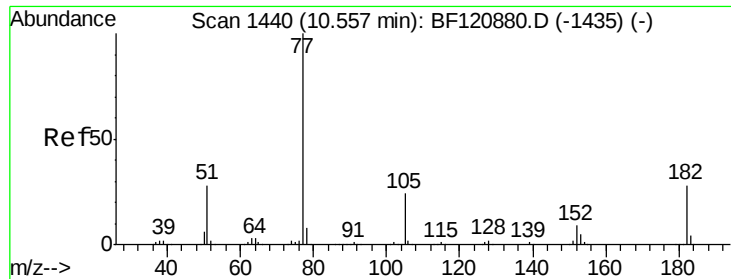
#62
4-Nitroaniline
Concen: 39.673 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:138 Resp: 273731
Ion Ratio Lower Upper
138 100
92 44.2 28.6 68.6
108 66.3 51.1 91.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.899 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 959332

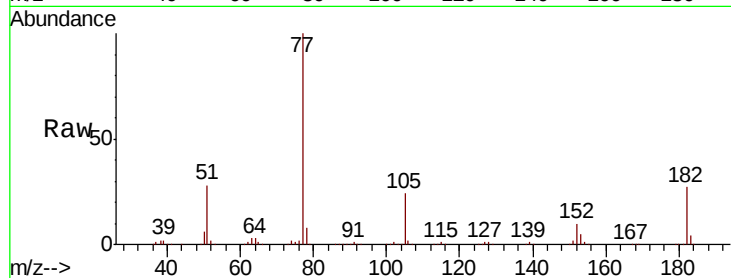
Ion Ratio Lower Upper

77 100

182 27.2 7.8 47.8

105 24.1 4.4 44.4

51 28.5 8.0 48.0

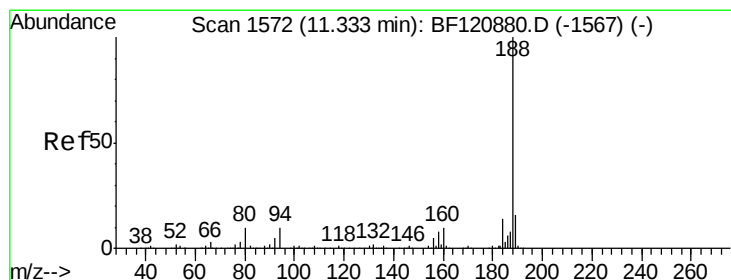
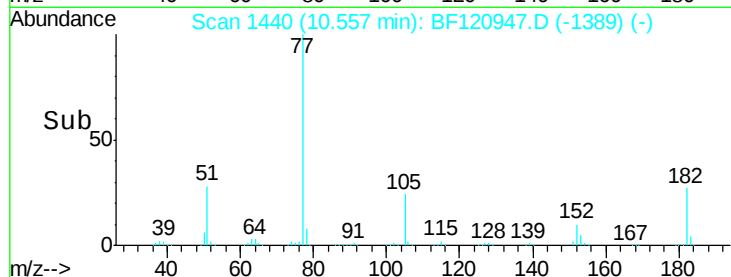
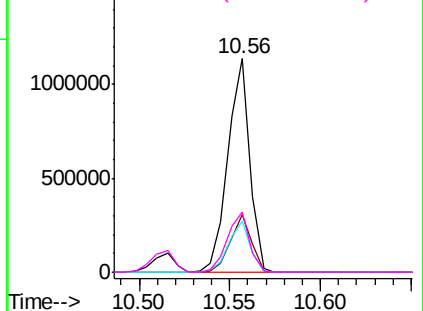


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120947.D

Acq: 21 Jul 2020 9:00

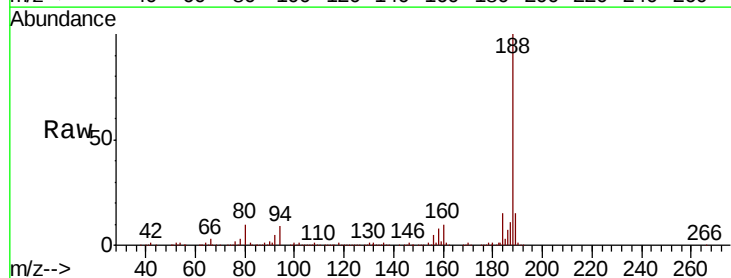
Tgt Ion: 188 Resp: 684604

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

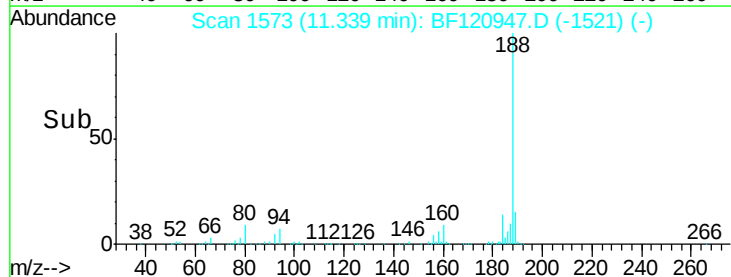
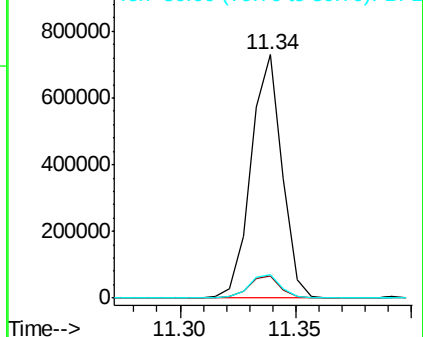
80 9.5 8.3 12.5

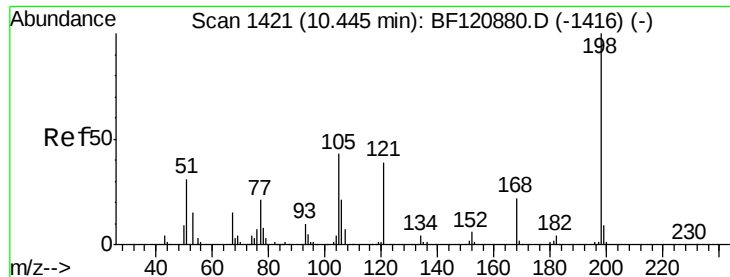


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 39.939 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

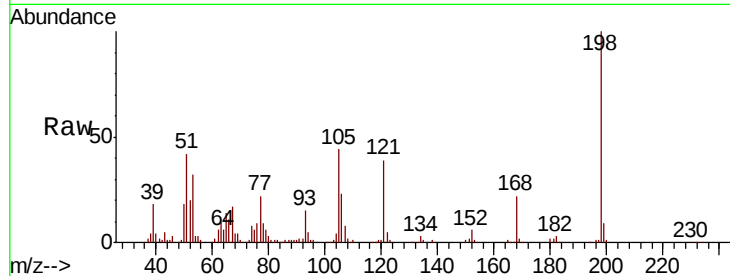
Tot Ion:198 Resp: 155467

Ion Ratio Lower Upper

198 100

51 41.8 19.5 59.5

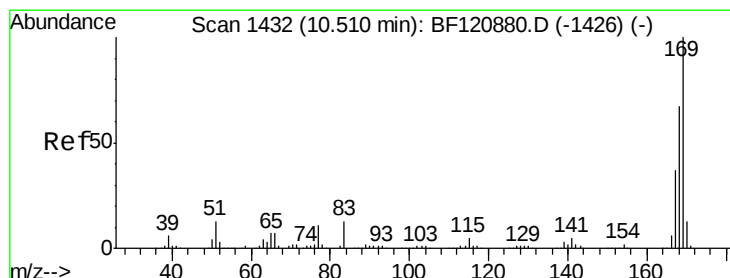
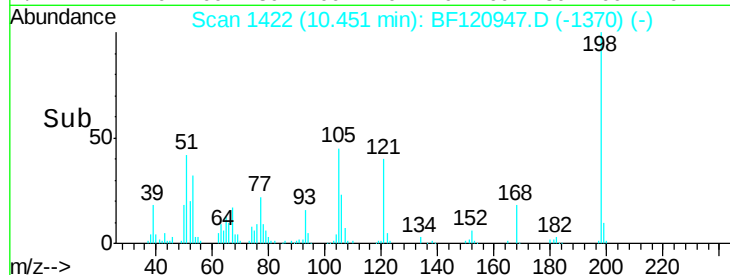
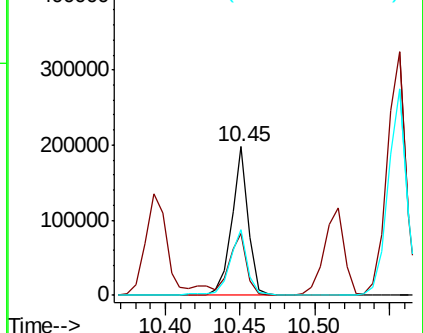
105 44.3 24.4 64.4



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: 39.328 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

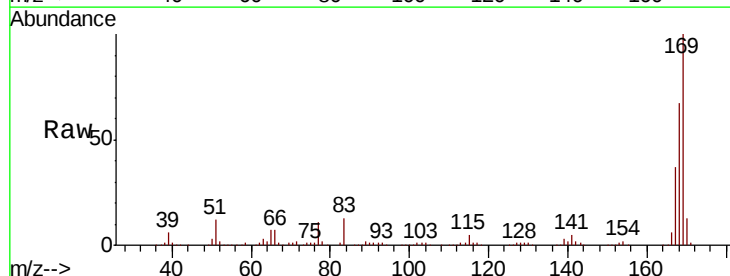
Tgt Ion:169 Resp: 846980

Ion Ratio Lower Upper

169 100

168 66.6 53.4 80.0

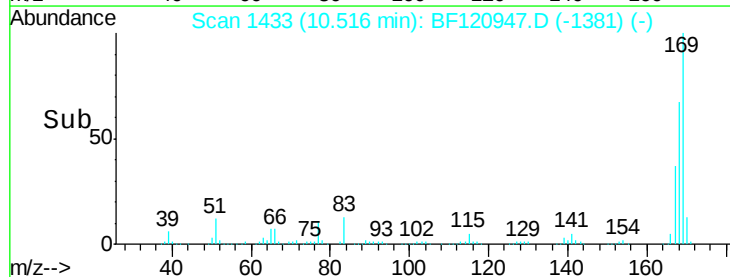
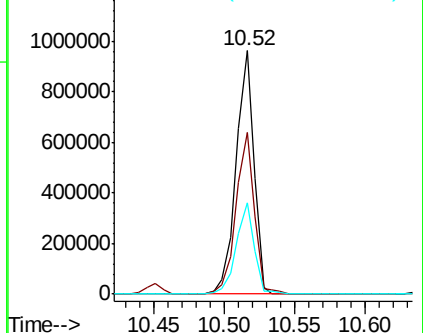
167 37.3 29.4 44.0

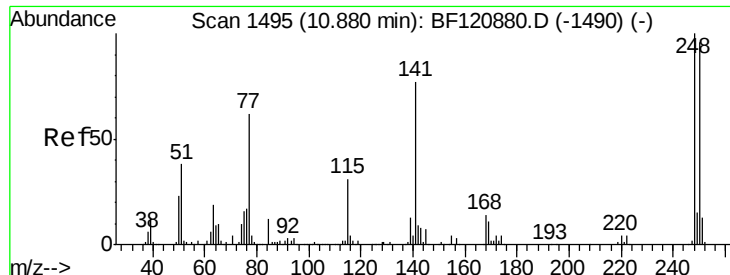


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

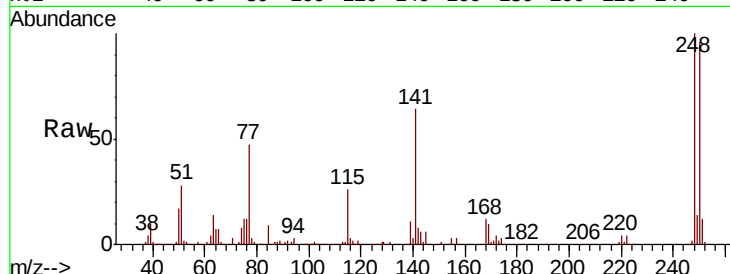




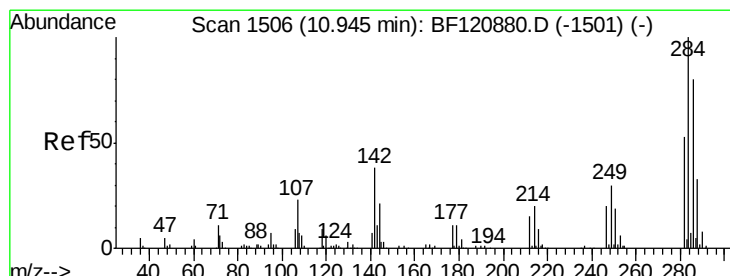
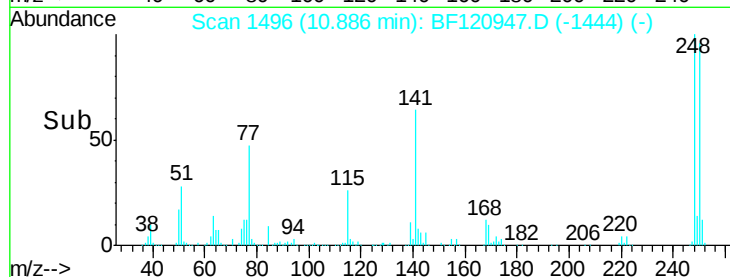
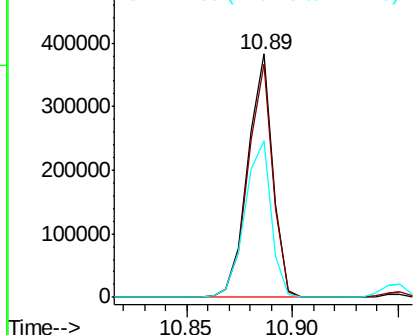
#67
4-Bromophenyl-phenylether
Concen: 41.326 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 315434
Ion Ratio Lower Upper
248 100
250 95.9 77.1 115.7
141 64.4 61.2 91.8

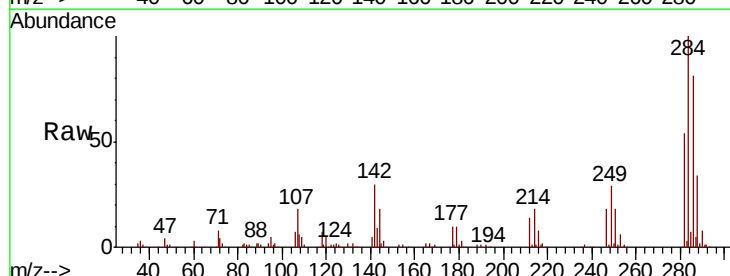


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

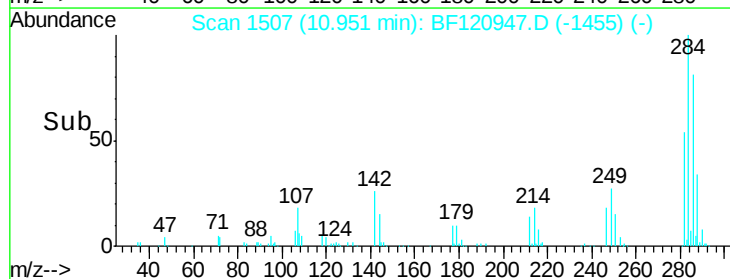
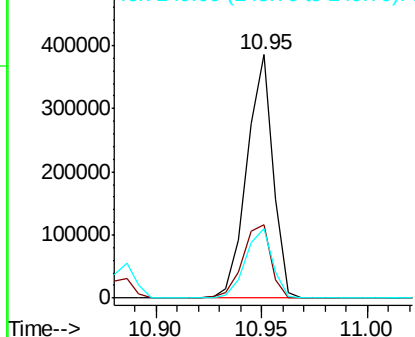


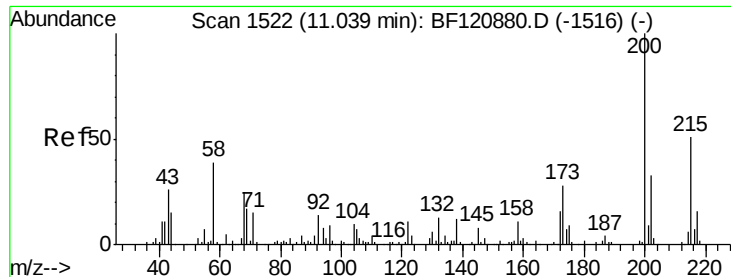
#68
Hexachlorobenzene
Concen: 40.108 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:284 Resp: 331158
Ion Ratio Lower Upper
284 100
142 30.2 30.2 45.2
249 28.7 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

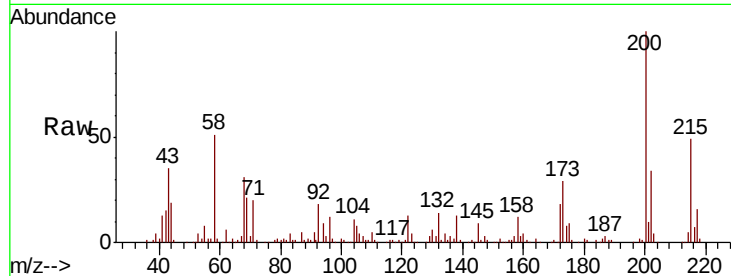




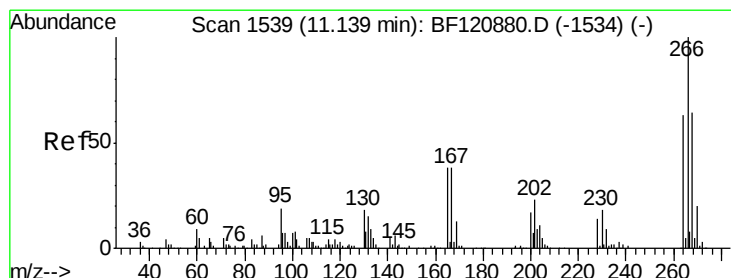
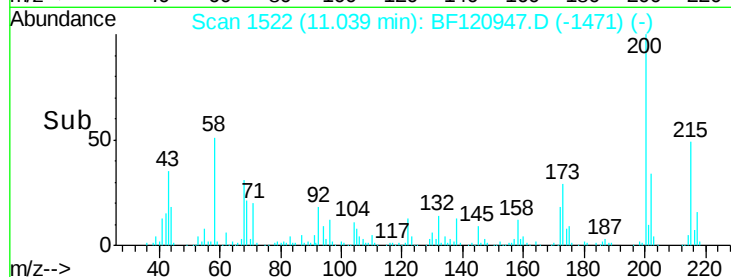
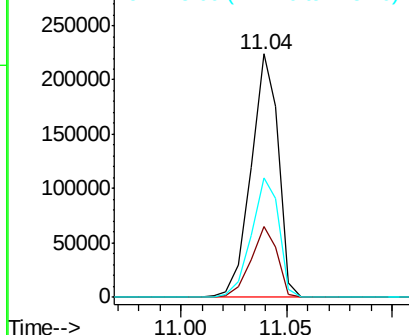
#69
 Atrazine
 Concen: 37.738 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.0	48.0
215	48.9	31.5	71.5

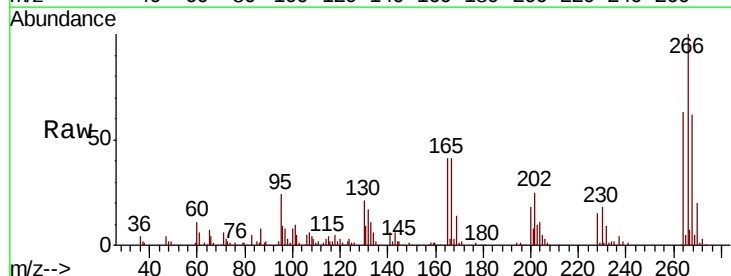


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

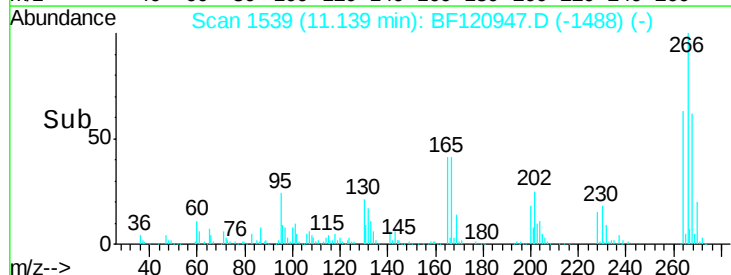
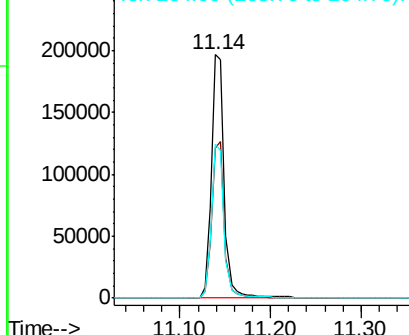


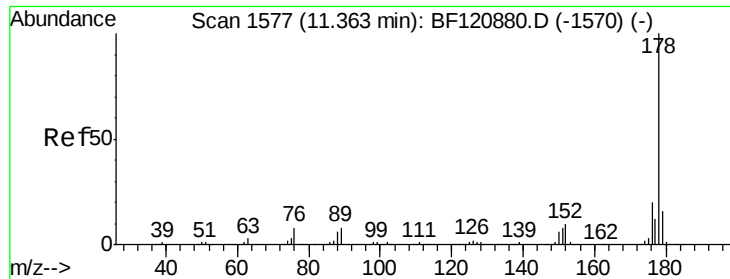
#70
 Pentachlorophenol
 Concen: 41.684 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	63.2	50.2	75.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.153 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

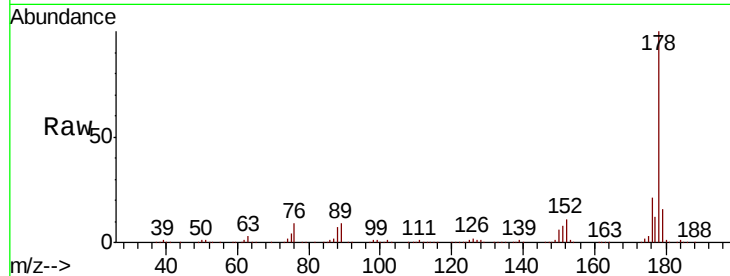
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1343328

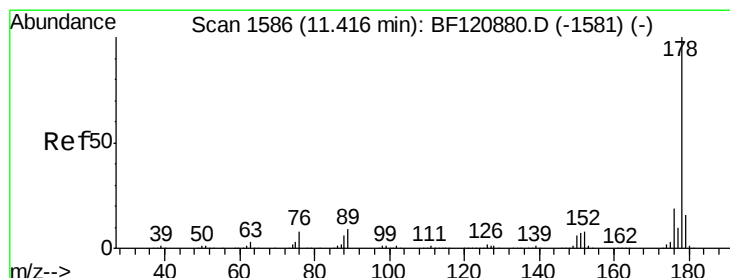
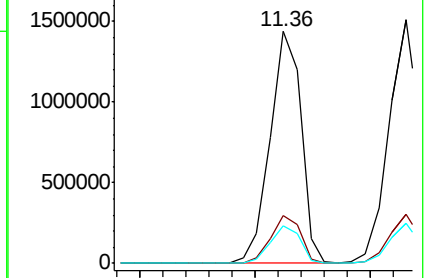
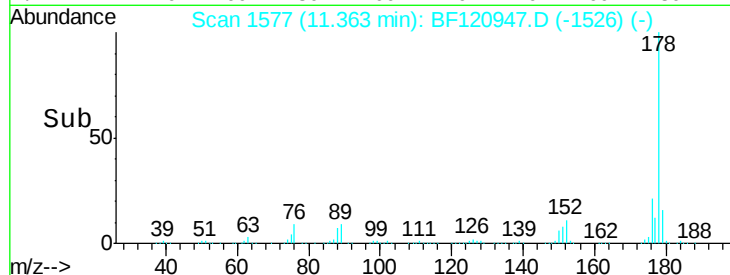
Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.1	12.8	19.2



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: 39.190 ng

RT: 11.42 min Scan# 1586

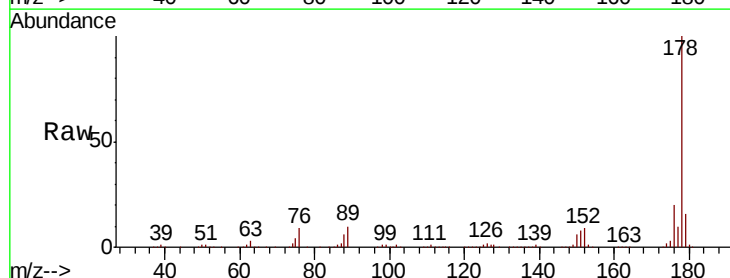
Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Tgt Ion:178 Resp: 1385560

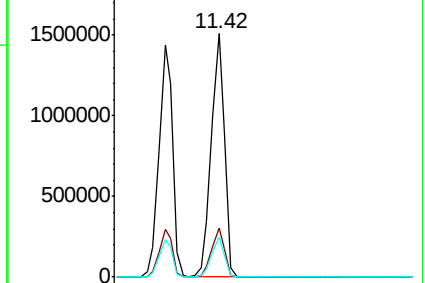
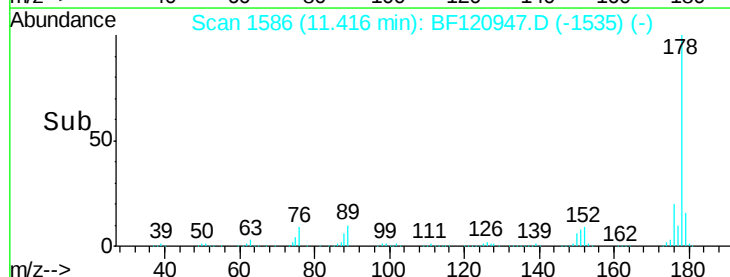
Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.5	23.3
179	16.3	12.8	19.2

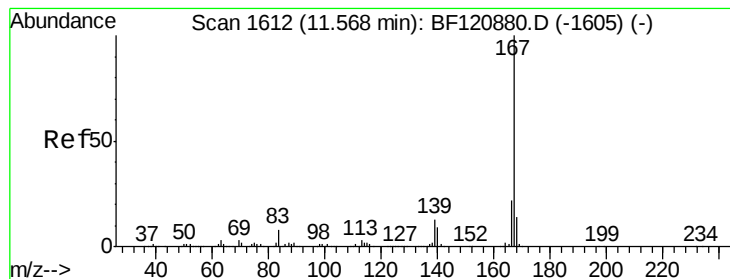


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.736 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

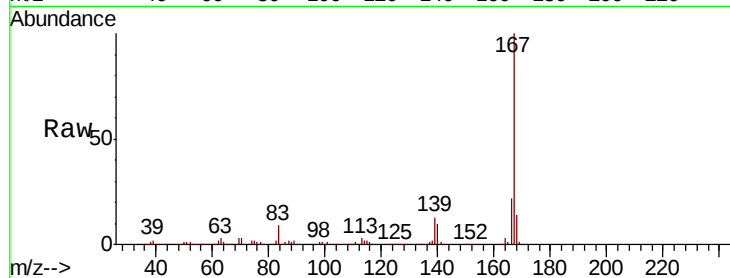
Tot Ion:167 Resp: 1359126

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

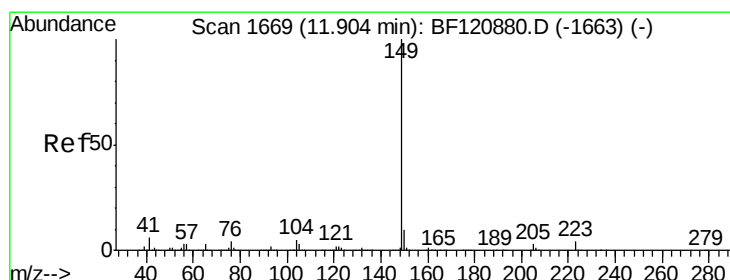
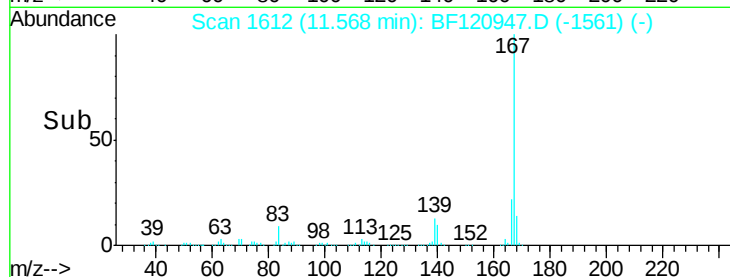
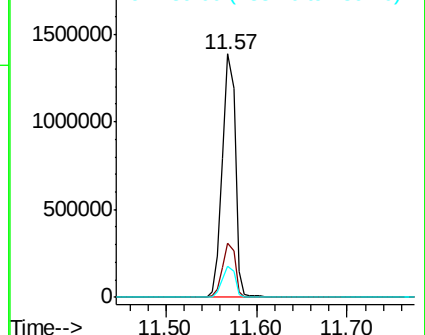
139 13.0 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.354 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

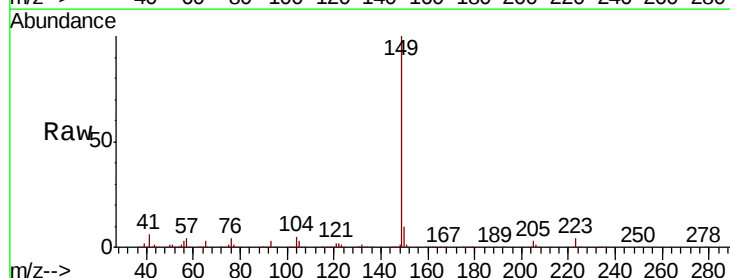
Tgt Ion:149 Resp: 1633932

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

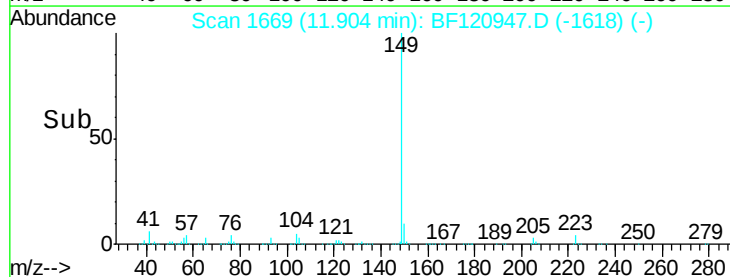
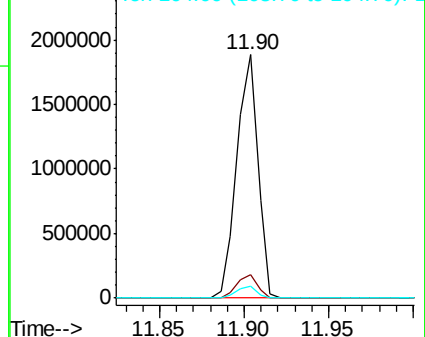
104 4.9 3.8 5.6

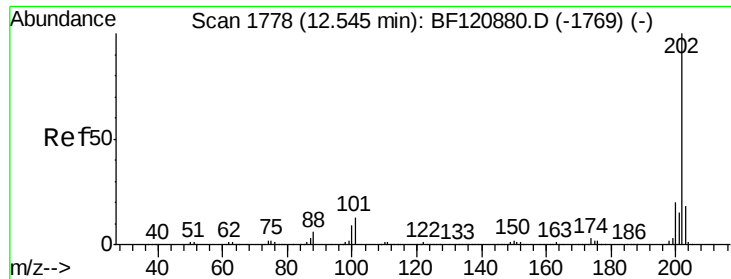


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

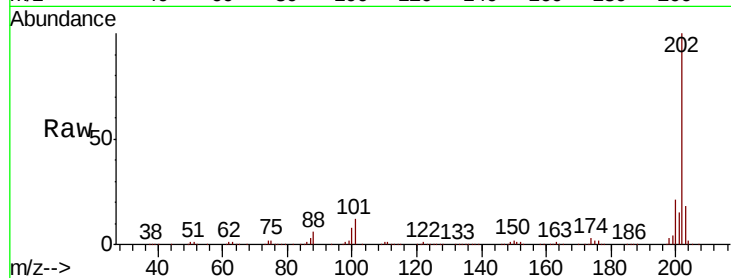




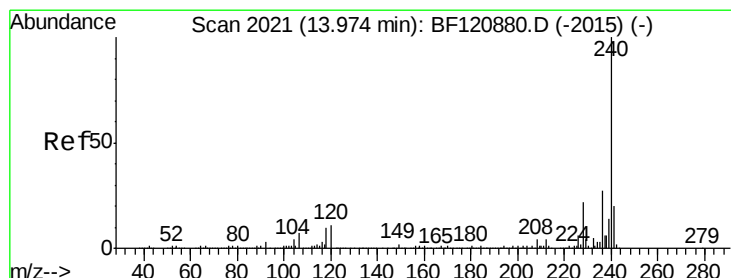
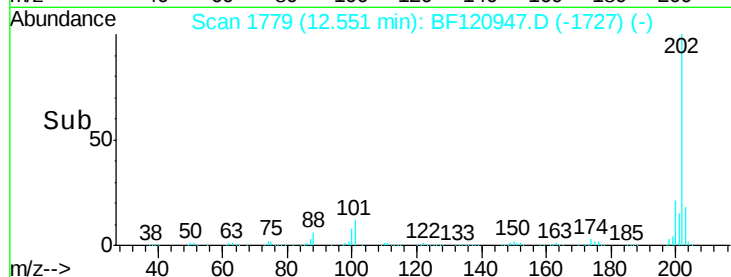
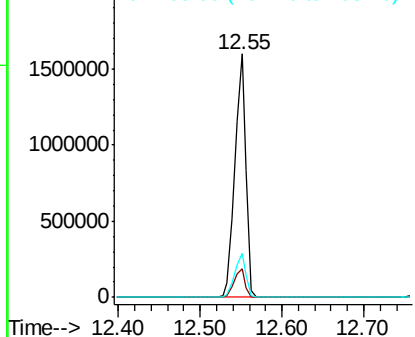
#75
Fluoranthene
Concen: 38.702 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1510407
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.7
203 18.2 0.0 38.0

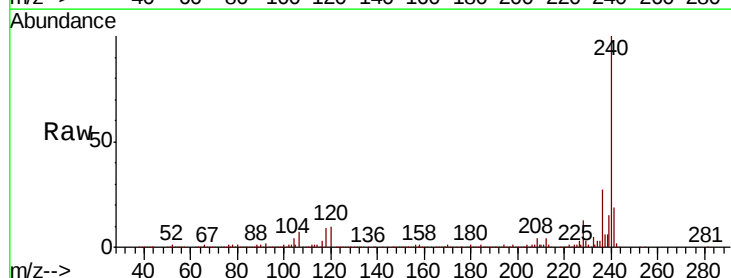


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

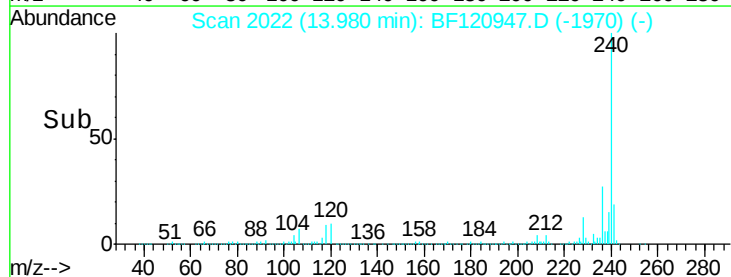
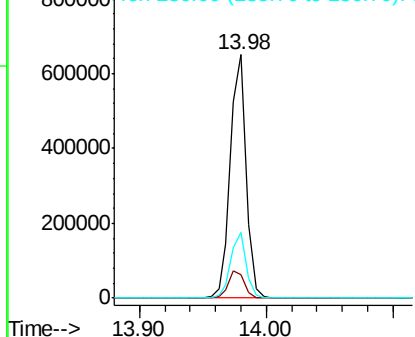


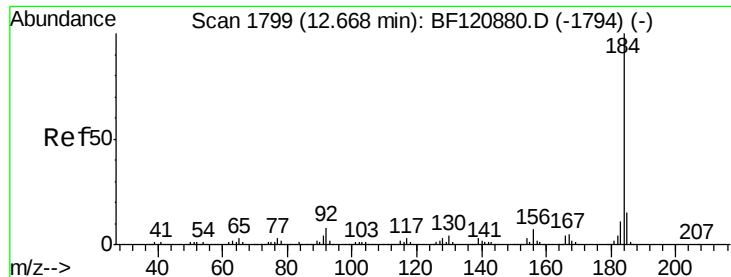
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:240 Resp: 558063
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 26.7 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

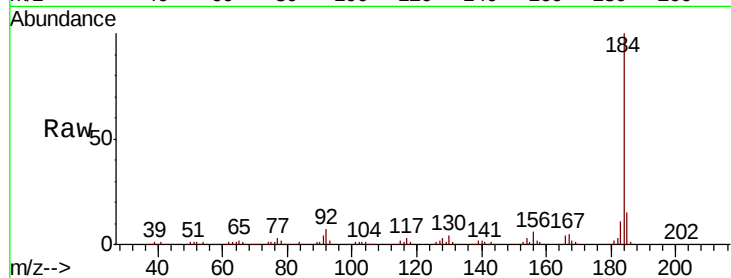




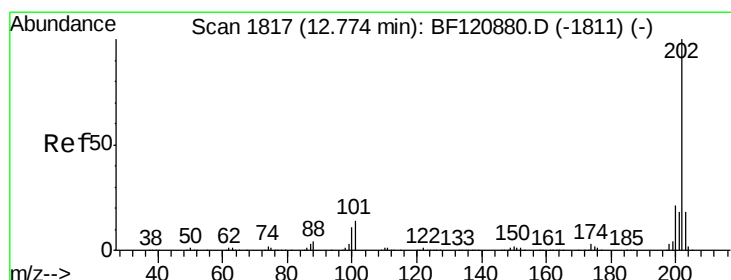
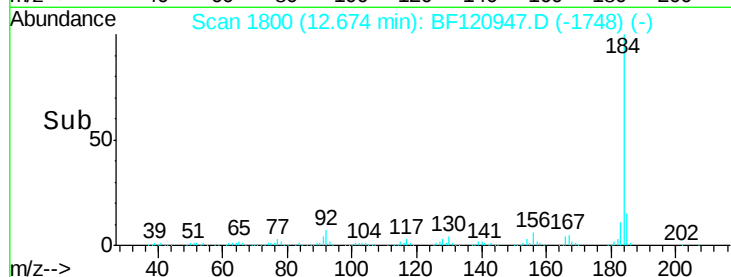
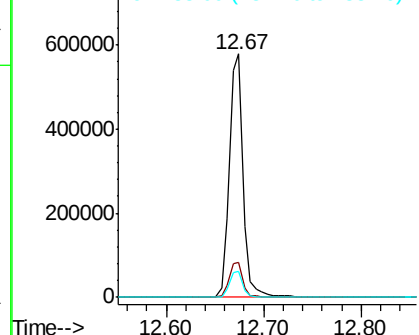
#77
Benzidine
Concen: 38.501 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	10.8	8.5	12.7

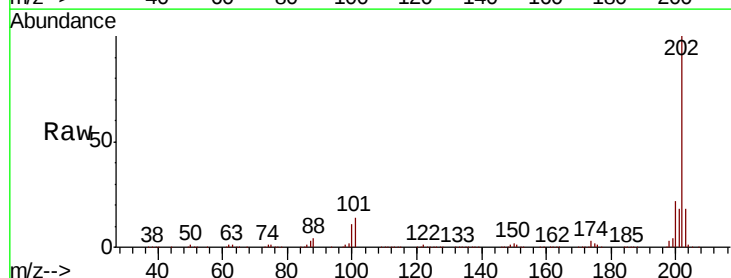


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

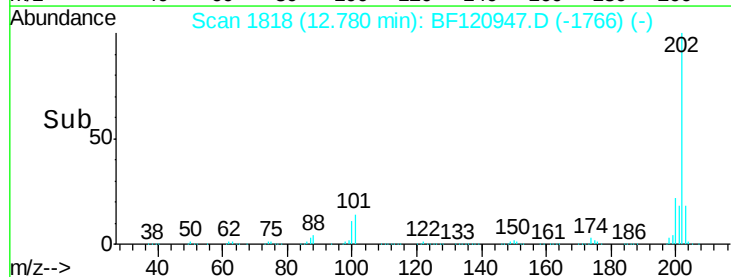
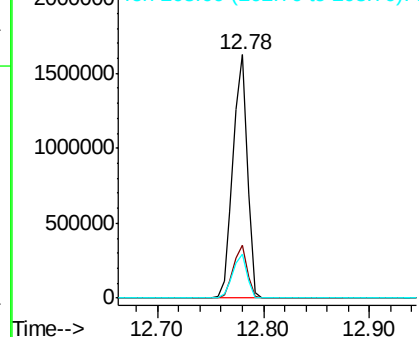


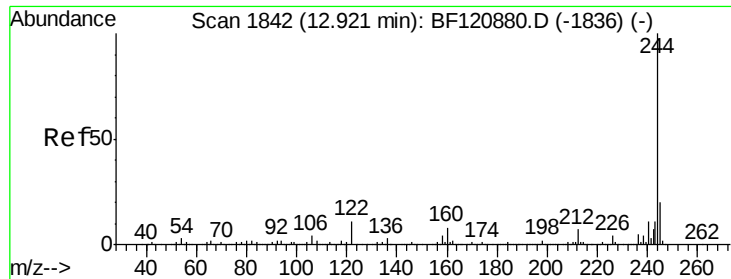
#78
Pyrene
Concen: 38.846 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	18.1	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: 71.857 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

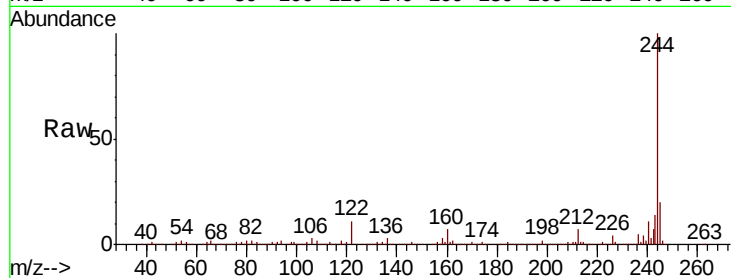
Tot Ion:244 Resp: 1844744

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

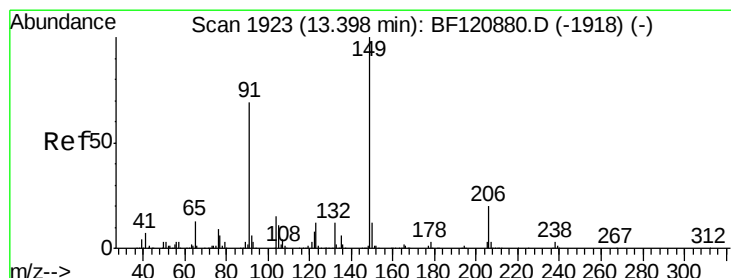
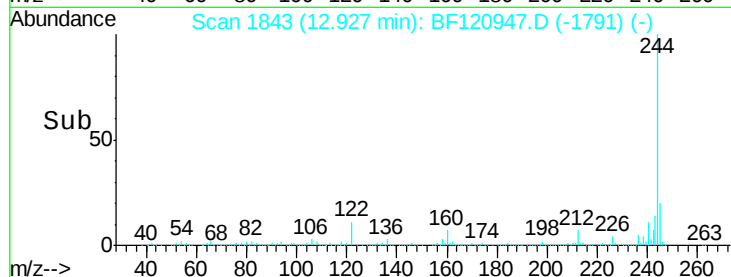
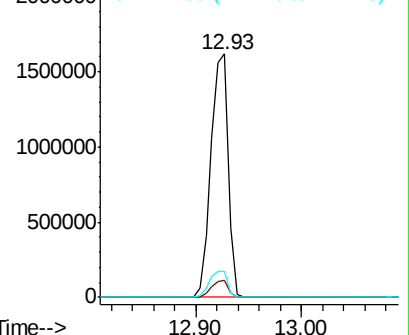
122 10.6 8.9 13.3



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: 41.170 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

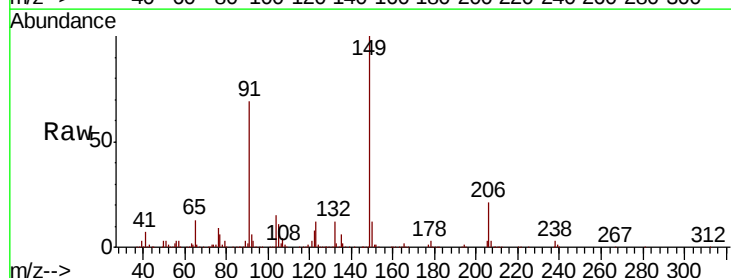
Tgt Ion:149 Resp: 724123

Ion Ratio Lower Upper

149 100

91 69.2 55.1 82.7

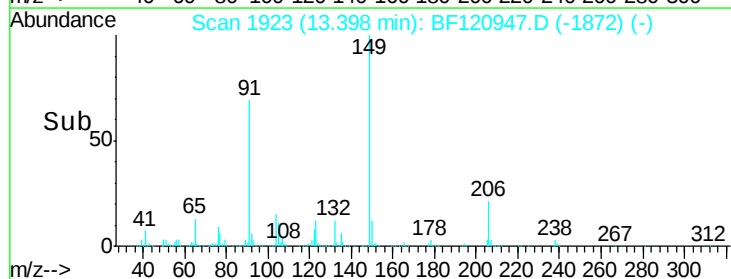
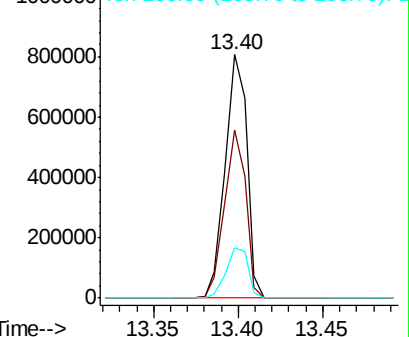
206 20.7 16.1 24.1

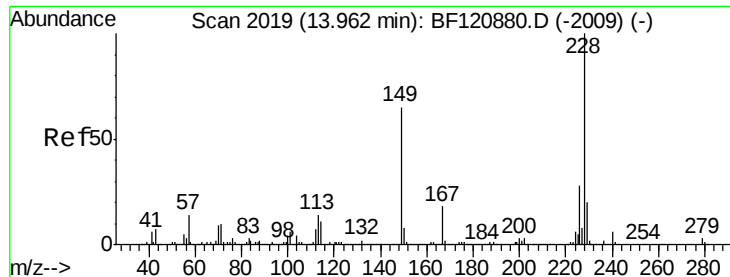


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.400 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

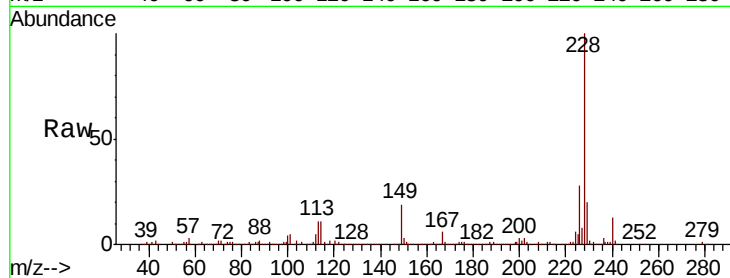
Tot Ion:228 Resp: 1263863

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

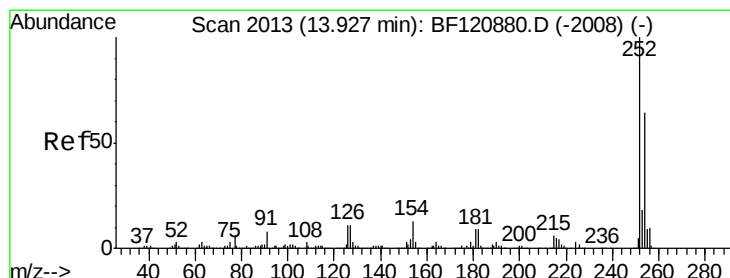
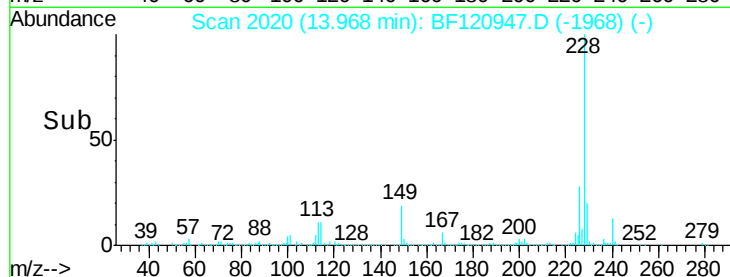
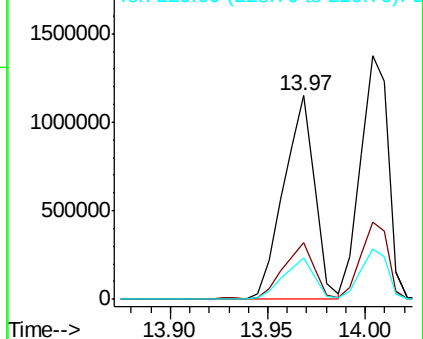
229 20.0 16.1 24.1



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: 40.225 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

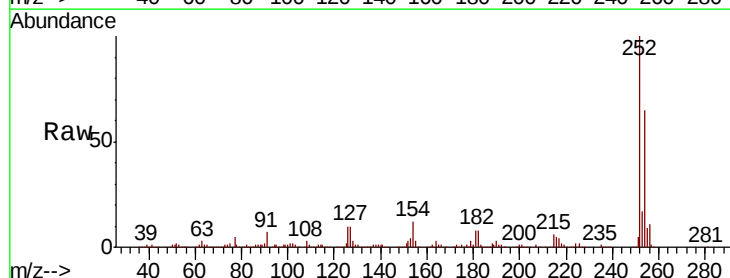
Tgt Ion:252 Resp: 512842

Ion Ratio Lower Upper

252 100

254 64.7 51.2 76.8

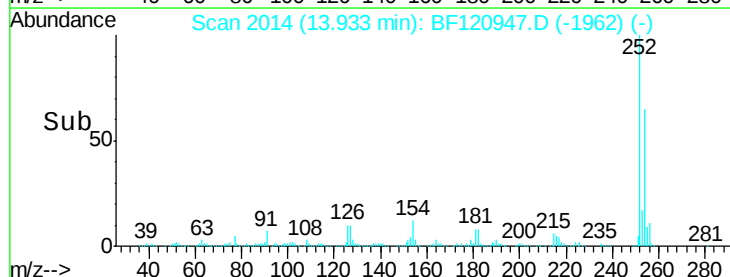
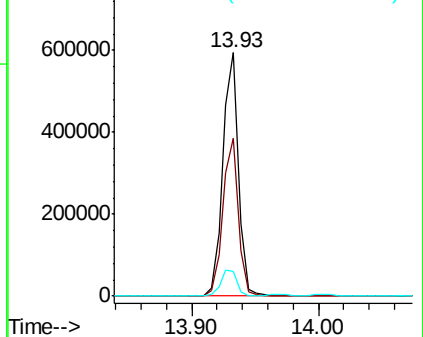
126 10.3 8.7 13.1

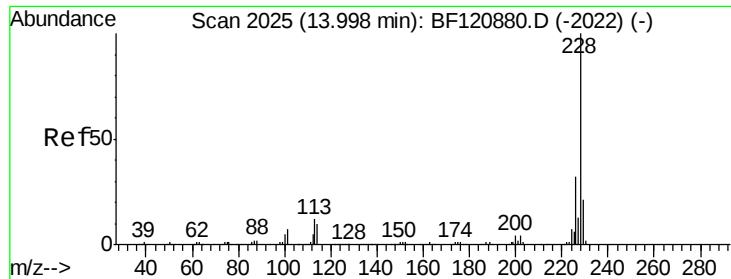


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.211 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1356994

Ion Ratio Lower Upper

228 100

226 31.5 25.6 38.4

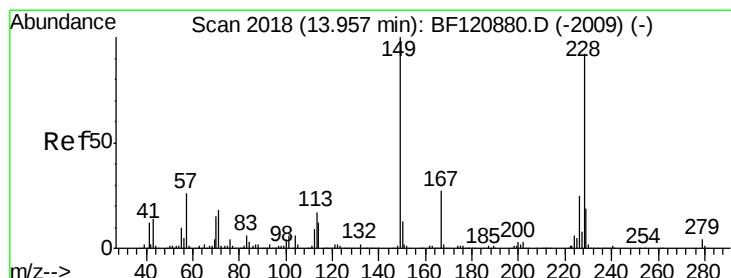
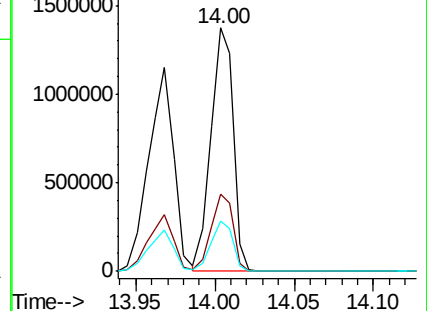
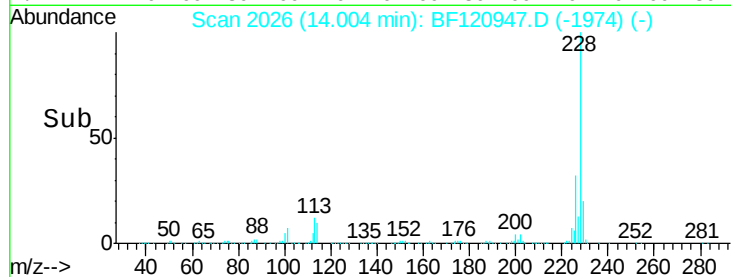
229 20.5 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.501 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

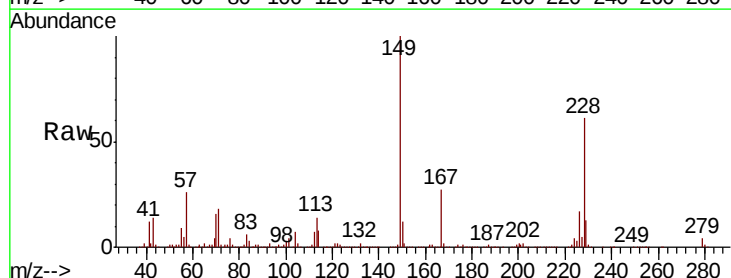
Tgt Ion:149 Resp: 878422

Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

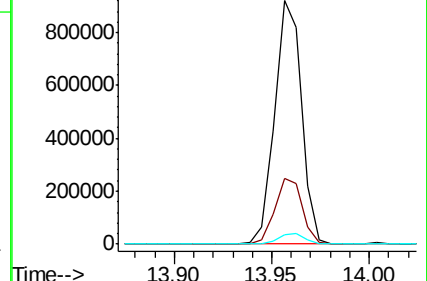
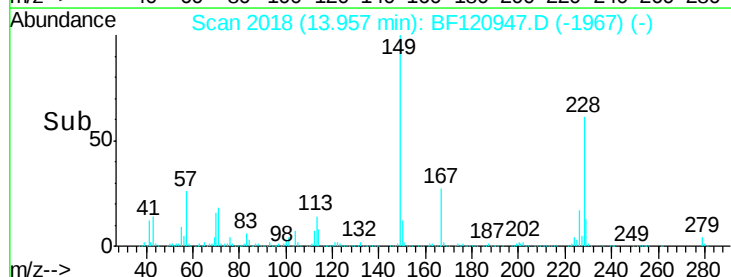
279 3.8 3.0 4.4

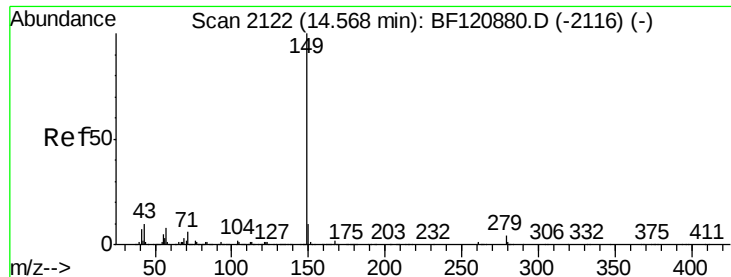


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

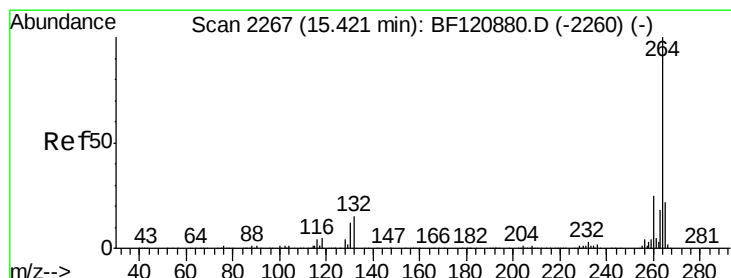
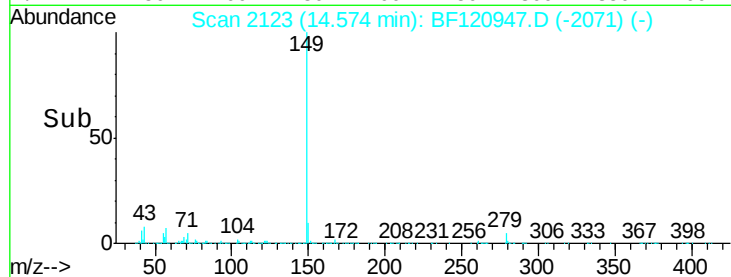
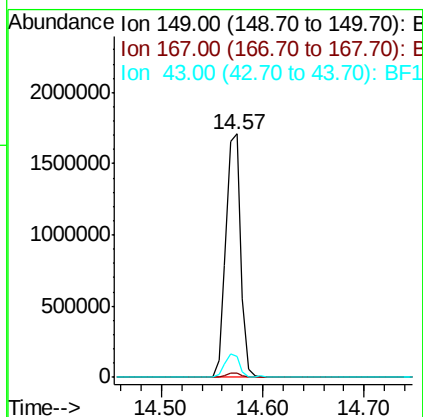
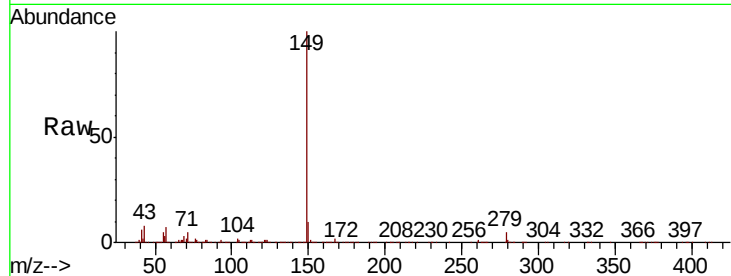




#85
Di-n-octyl phthalate
Concen: 40.268 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

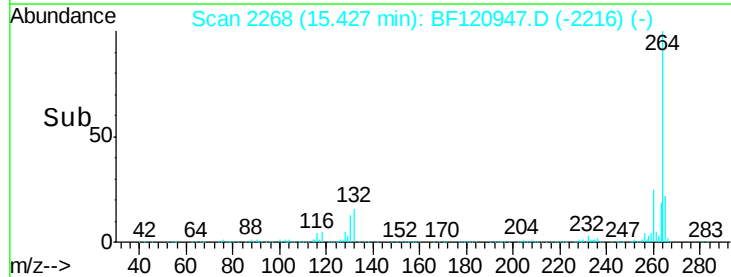
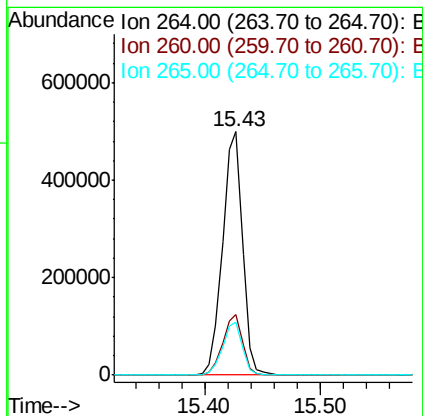
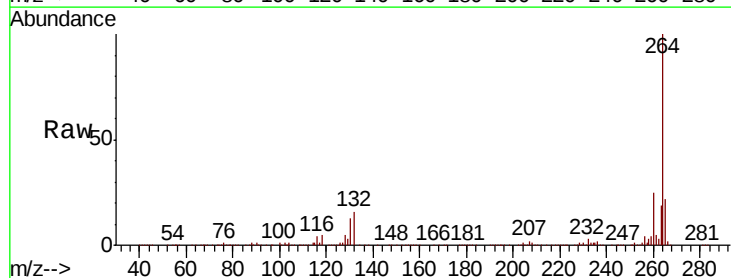
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

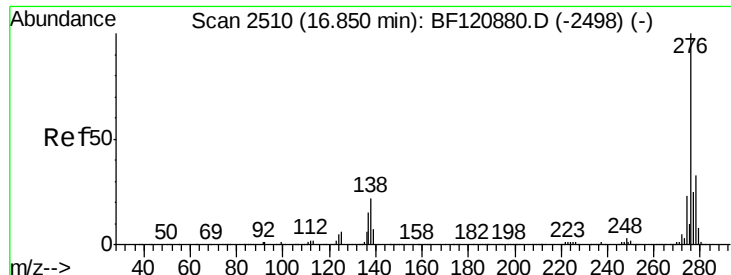
Tot Ion:149 Resp: 1737586
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:264 Resp: 598072
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 21.6 17.4 26.2

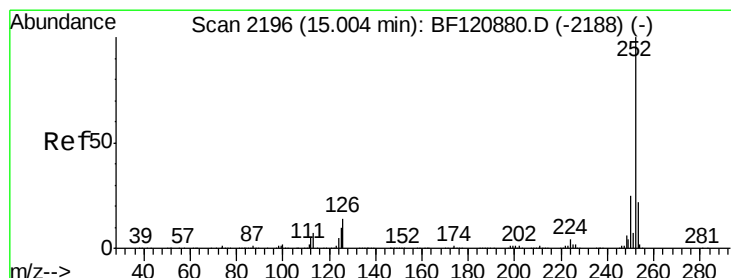
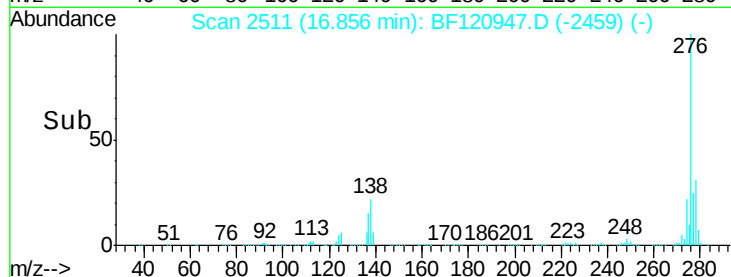
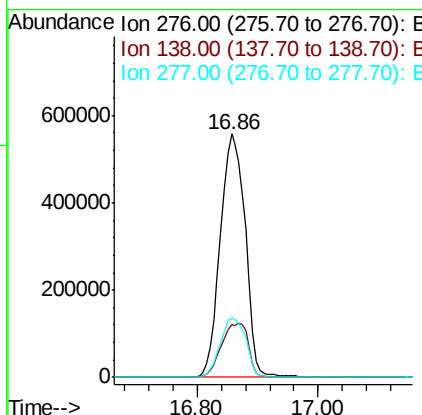
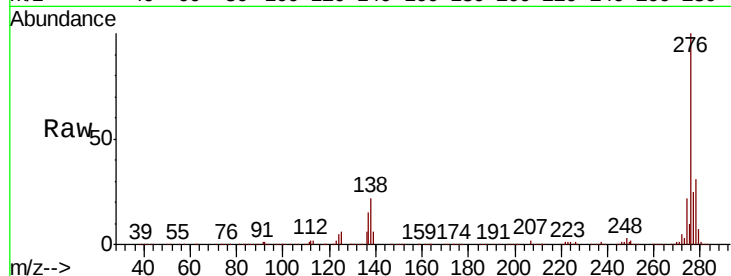




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.609 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

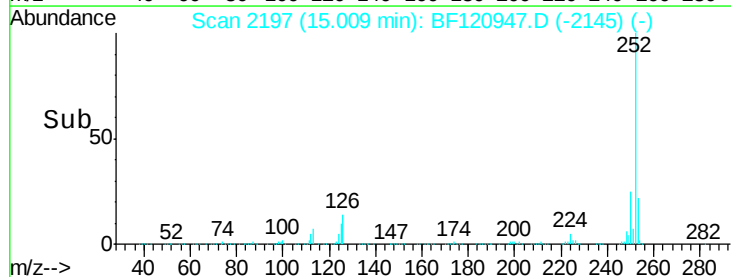
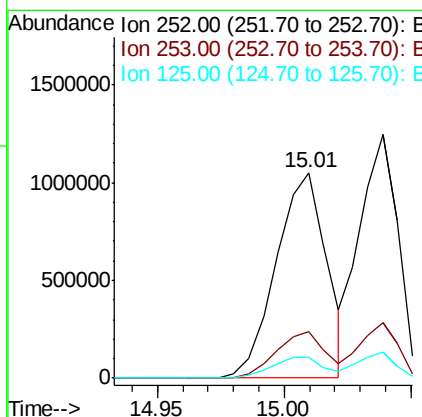
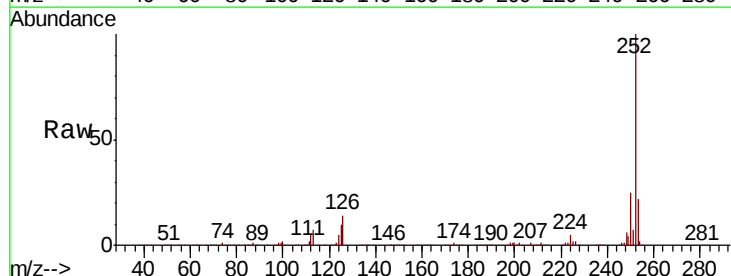
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

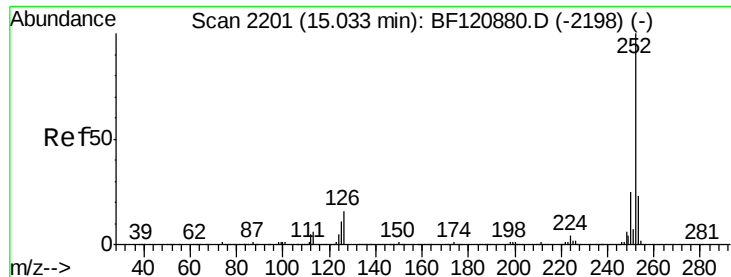
Tot Ion:276 Resp: 1605903
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.8 29.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 40.155 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120947.D
 Acq: 21 Jul 2020 9:00

Tgt Ion:252 Resp: 1451668
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 10.0 8.3 12.5

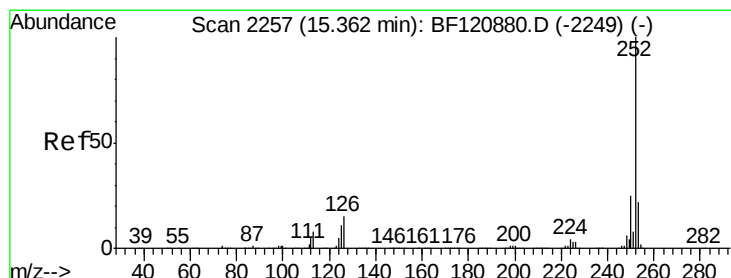
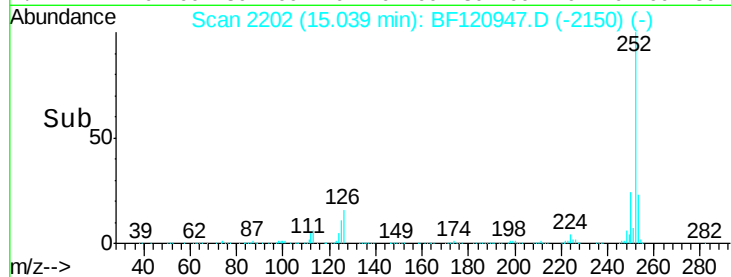
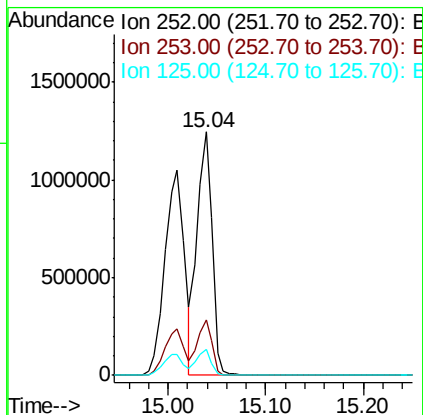
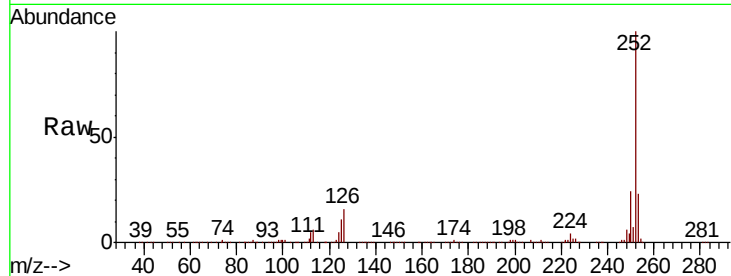




#89
Benzo(k)fluoranthene
Concen: 40.308 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

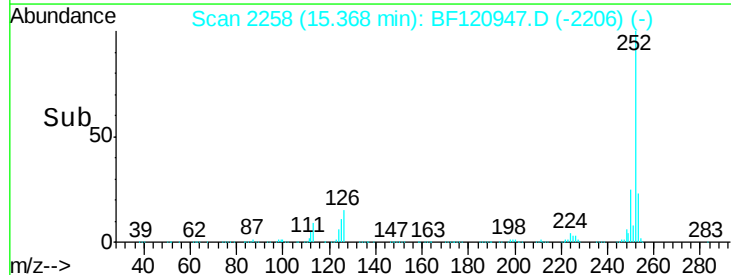
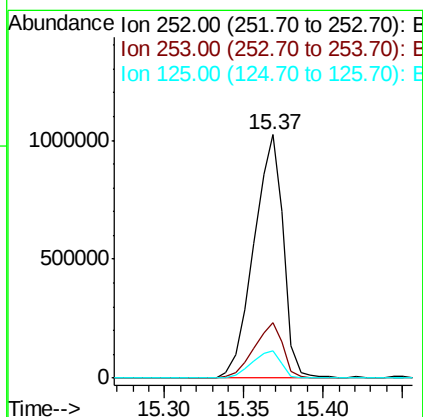
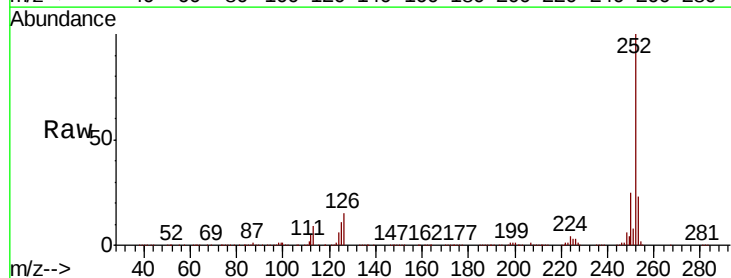
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

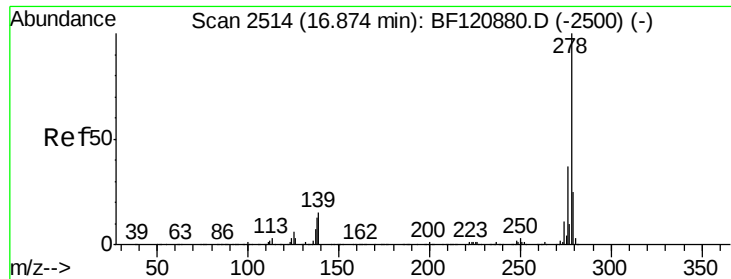
Tot Ion:252 Resp: 1328950
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.144 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120947.D
Acq: 21 Jul 2020 9:00

Tgt Ion:252 Resp: 1324079
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.2 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 38.757 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Instrument :

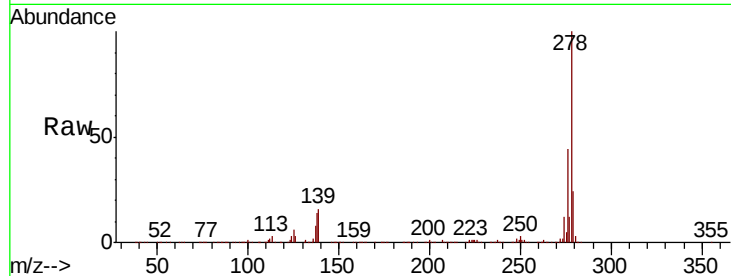
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1316796

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.3	18.5
279	24.4	20.1	30.1

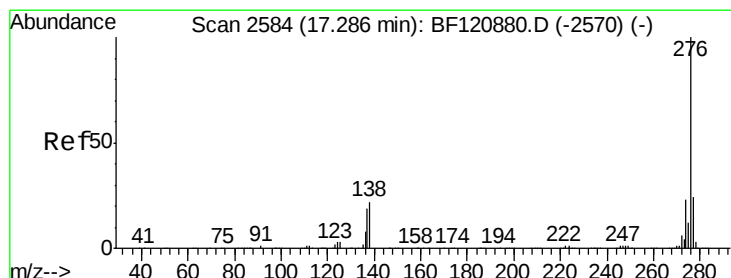
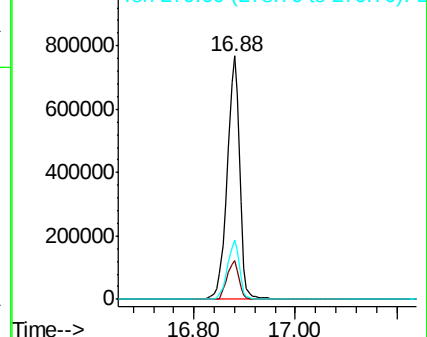
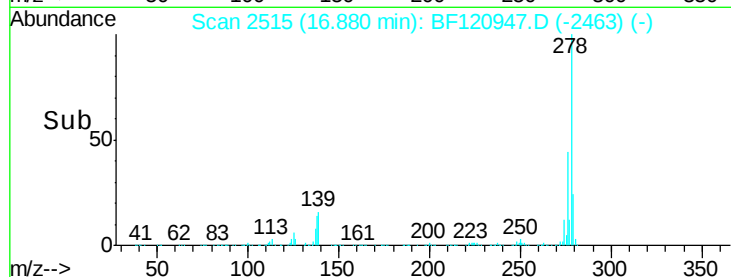


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.003 ng

RT: 17.30 min Scan# 2586

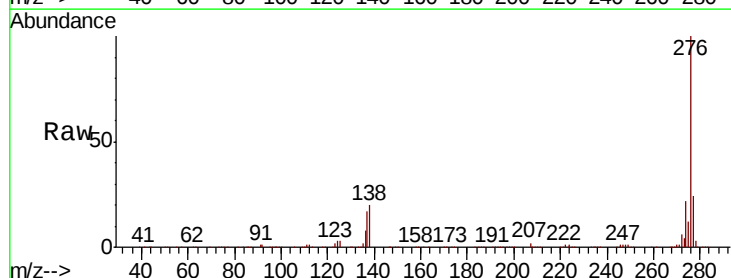
Delta R.T. 0.01 min

Lab File: BF120947.D

Acq: 21 Jul 2020 9:00

Tgt Ion:276 Resp: 1273105

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.2	17.5	26.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

