

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121200.D
 Acq On : 6 Aug 2020 13:58
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 06 14:54:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128419	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	469074	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	249077	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	497431	20.00	ng	0.00
76) Chrysene-d12	13.96	240	435041	20.00	ng	0.00
86) Perylene-d12	15.41	264	469845	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	620750	79.24	ng	-0.02
7) Phenol-d6	6.43	99	784269	77.51	ng	-0.01
23) Nitrobenzene-d5	7.36	82	665300	82.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	233599	85.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1217090	72.96	ng	0.00
79) Terphenyl-d14	12.91	244	1490157	74.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	142902	39.637	ng	99
3) Pyridine	3.19	79	386581	40.309	ng	99
4) n-Nitrosodimethylamine	3.14	42	152015	37.068	ng	94
6) Aniline	6.46	93	470694	35.635	ng	99
8) 2-Chlorophenol	6.58	128	342658	39.707	ng	99
9) Benzaldehyde	6.34	77	203531	42.094	ng	99
10) Phenol	6.45	94	424072	38.098	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	335165	39.289	ng	97
12) 1,3-Dichlorobenzene	6.73	146	369176	39.452	ng	99
13) 1,4-Dichlorobenzene	6.81	146	371215	39.895	ng	100
14) 1,2-Dichlorobenzene	6.96	146	349827	39.741	ng	99
15) Benzyl Alcohol	6.94	79	270366	37.782	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	485119	39.454	ng	97
17) 2-Methylphenol	7.06	107	295364	38.616	ng	99
18) Hexachloroethane	7.30	117	136500	40.531	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	213842	37.164	ng	96
20) 3+4-Methylphenols	7.21	107	347994	35.766	ng	97
22) Acetophenone	7.20	105	421441	40.033	ng	# 98
24) Nitrobenzene	7.38	77	356341	40.784	ng	99
25) Isophorone	7.62	82	644549	39.839	ng	96
26) 2-Nitrophenol	7.69	139	185595	44.725	ng	97
27) 2,4-Dimethylphenol	7.73	122	266747	39.592	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	401859	40.690	ng	100
29) 2,4-Dichlorophenol	7.94	162	286788	41.656	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	311371	40.765	ng	99
31) Naphthalene	8.10	128	961823	39.974	ng	100
32) Benzoic acid	7.87	122	219244	43.350	ng	99
33) 4-Chloroaniline	8.15	127	416598	38.813	ng	99
34) Hexachlorobutadiene	8.22	225	186522	41.423	ng	100
35) Caprolactam	8.53	113	94216	42.674	ng	90
36) 4-Chloro-3-methylphenol	8.64	107	298130	42.223	ng	100
37) 2-Methylnaphthalene	8.79	142	638736	40.884	ng	99
38) 1-Methylnaphthalene	8.89	142	602598	40.725	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	299696	41.297	ng	100

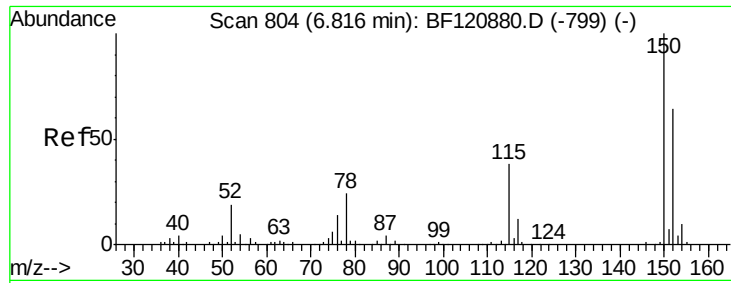
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	135369	33.751	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	202692	39.669	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	234652	40.485	ng	99
46) 1,1'-Biphenyl	9.26	154	765332	40.281	ng	99
47) 2-Chloronaphthalene	9.28	162	617809	39.883	ng	98
48) 2-Nitroaniline	9.38	65	205541	43.907	ng	97
49) Acenaphthylene	9.70	152	965463	40.119	ng	99
50) Dimethylphthalate	9.56	163	750830	41.784	ng	99
51) 2,6-Dinitrotoluene	9.62	165	168129	43.551	ng	98
52) Acenaphthene	9.87	154	570393	37.281	ng	99
53) 3-Nitroaniline	9.79	138	197361	40.762	ng	95
54) 2,4-Dinitrophenol	9.90	184	87631	42.900	ng	95
55) Dibenzofuran	10.04	168	878796	39.720	ng	98
56) 4-Nitrophenol	9.97	139	137181	37.298	ng	99
57) 2,4-Dinitrotoluene	10.03	165	219788	43.353	ng	# 86
58) Fluorene	10.39	166	666980	40.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	173719	39.366	ng	99
60) Diethylphthalate	10.26	149	745127	40.996	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	341948	38.852	ng	98
62) 4-Nitroaniline	10.41	138	204830	43.429	ng	98
63) Azobenzene	10.53	77	694396	40.131	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	120917	42.481	ng	99
66) n-Nitrosodiphenylamine	10.50	169	621519	39.718	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	230000	41.472	ng	94
68) Hexachlorobenzene	10.93	284	246834	41.144	ng	# 92
69) Atrazine	11.03	200	158825	40.983	ng	97
70) Pentachlorophenol	11.13	266	152371	44.334	ng	99
71) Phenanthrene	11.35	178	1017128	39.758	ng	100
72) Anthracene	11.40	178	1048154	40.802	ng	99
73) Carbazole	11.56	167	1039376	40.770	ng	99
74) Di-n-butylphthalate	11.89	149	1222591	41.556	ng	99
75) Fluoranthene	12.53	202	1184577	41.774	ng	97
77) Benzidine	12.66	184	437144	38.219	ng	98
78) Pyrene	12.76	202	1226099	39.863	ng	99
80) Butylbenzylphthalate	13.38	149	566711	41.332	ng	94
81) Benzo(a)anthracene	13.96	228	1102910	41.866	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	428736	43.138	ng	100
83) Chrysene	13.99	228	1083907	39.152	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	733180	43.364	ng	99
85) Di-n-octyl phthalate	14.55	149	1313524	39.049	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1208894	36.996	ng	99
88) Benzo(b)fluoranthene	15.00	252	1211812	42.669	ng	100
89) Benzo(k)fluoranthene	15.03	252	1060572	40.947	ng	99
90) Benzo(a)pyrene	15.36	252	1074191	41.456	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	990584	37.112	ng	99
92) Benzo(g,h,i)perylene	17.29	276	971584	36.918	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

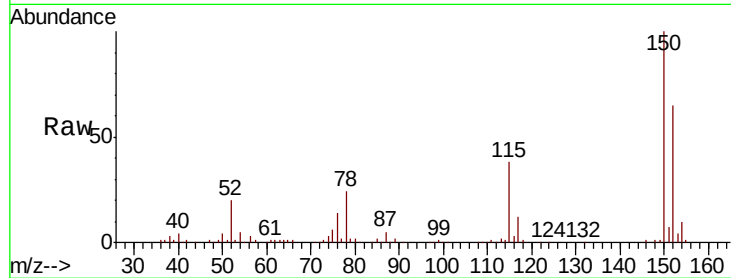
Tot Ion:152 Resp: 128419

Ion Ratio Lower Upper

152 100

150 154.6 125.6 188.4

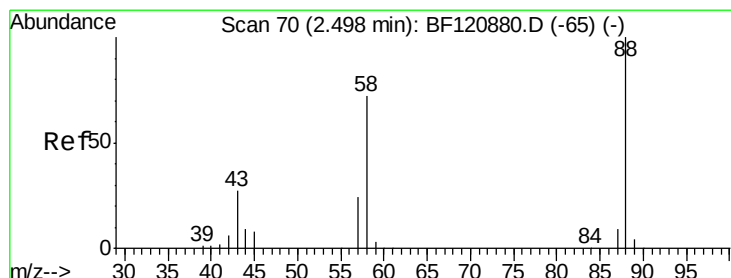
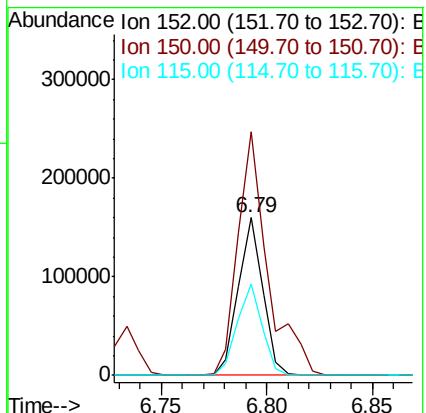
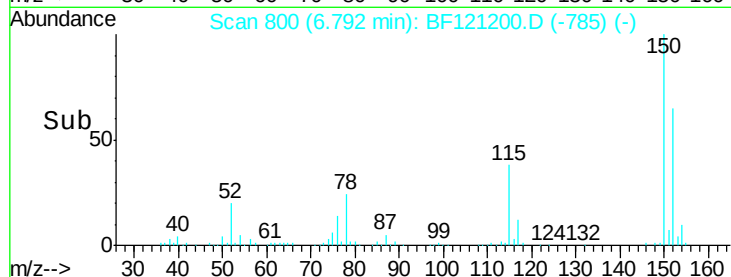
115 58.0 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.637 ng

RT: 2.45 min Scan# 62

Delta R.T. -0.06 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

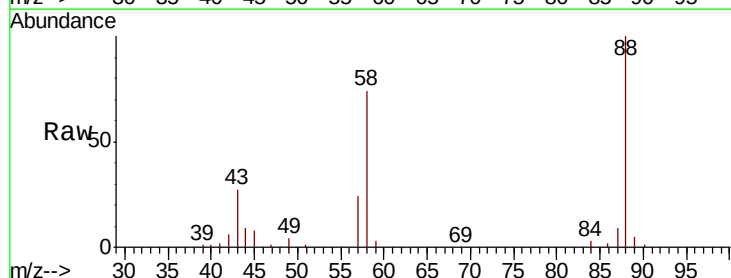
Tgt Ion: 88 Resp: 142902

Ion Ratio Lower Upper

88 100

58 72.3 58.2 87.4

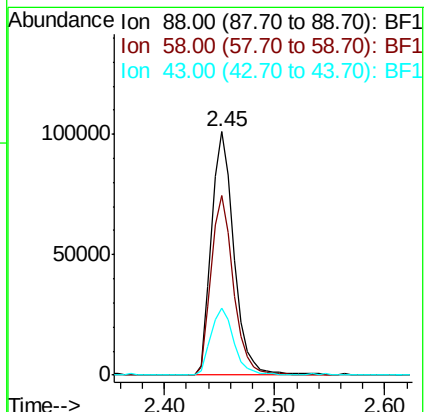
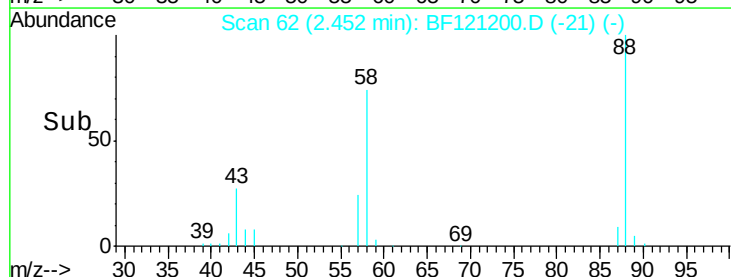
43 26.9 21.3 31.9

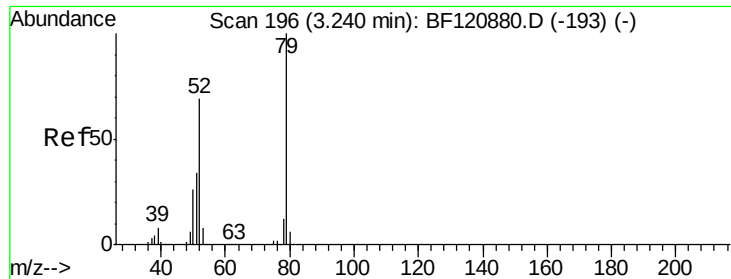


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

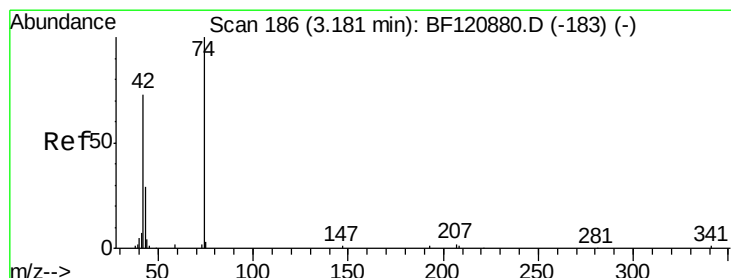
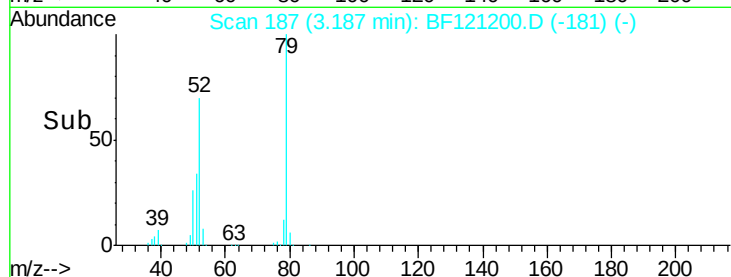
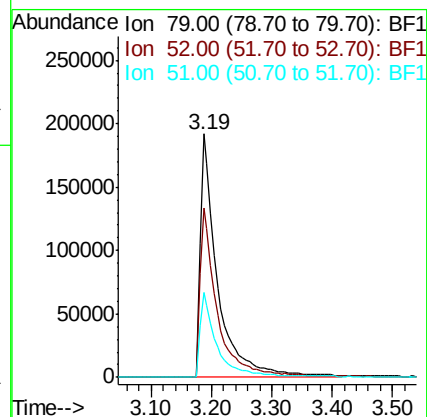
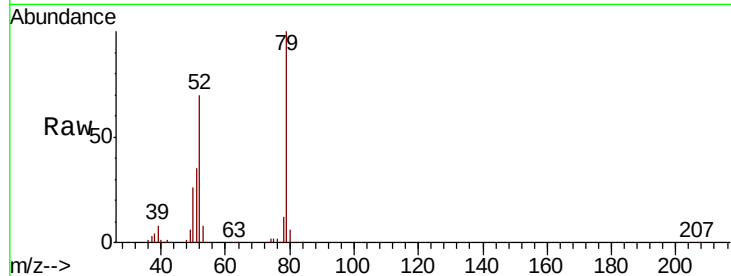




#3
 Pvridine
 Concen: 40.309 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.06 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

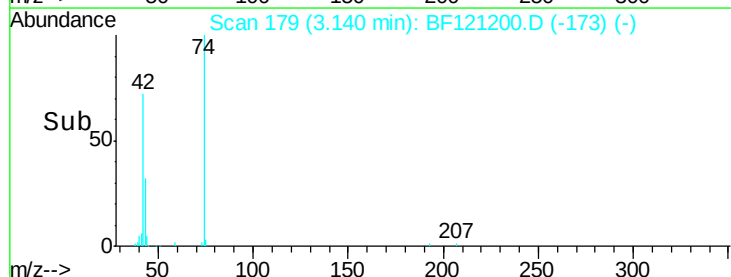
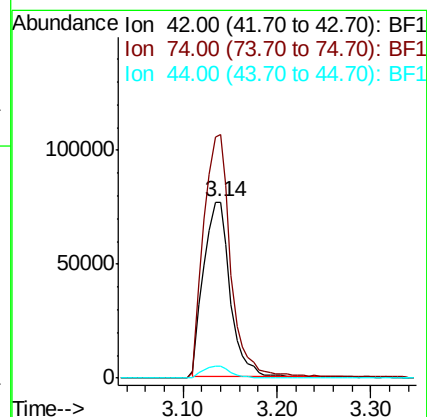
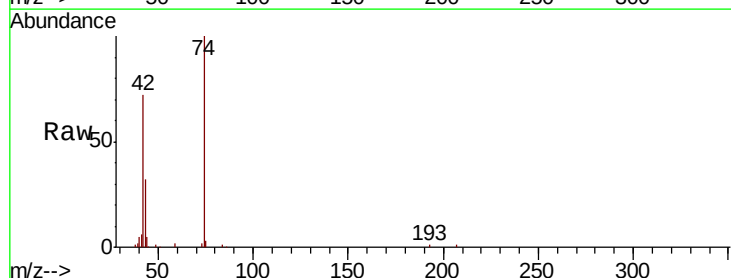
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

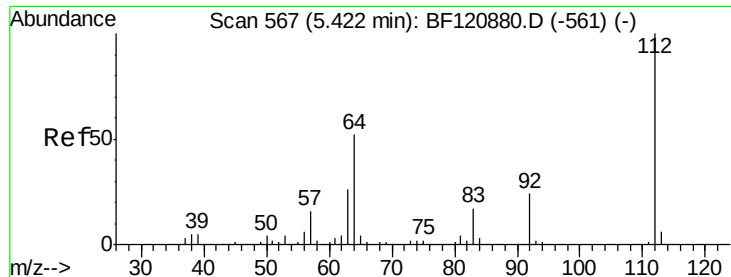
Tot Ion: 79 Resp: 386581
 Ion Ratio Lower Upper
 79 100
 52 69.7 54.9 82.3
 51 34.7 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 37.068 ng
 RT: 3.14 min Scan# 179
 Delta R.T. -0.06 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion: 42 Resp: 152015
 Ion Ratio Lower Upper
 42 100
 74 138.3 117.3 175.9
 44 6.9 5.9 8.9





#5

2-Fluorophenol

Concen: 79.243 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

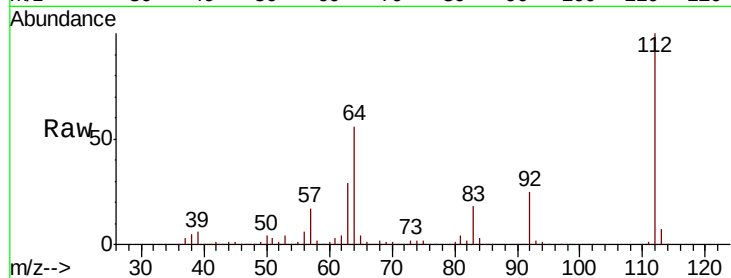
Tot Ion: 112 Resp: 620750

Ion Ratio Lower Upper

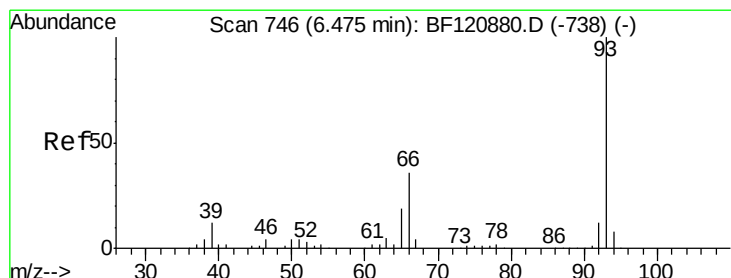
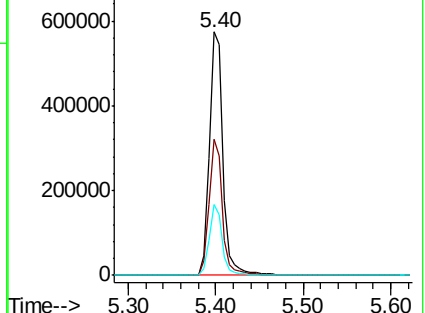
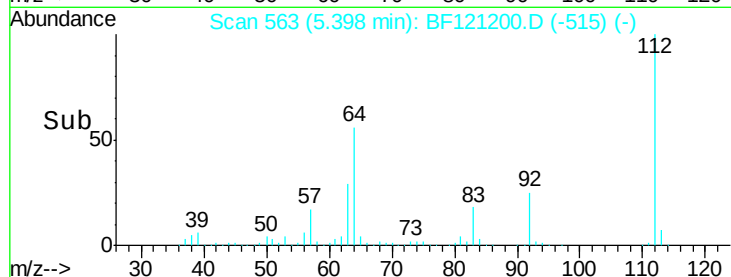
112 100

64 56.0 43.9 65.9

63 28.9 22.7 34.1



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: 35.635 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

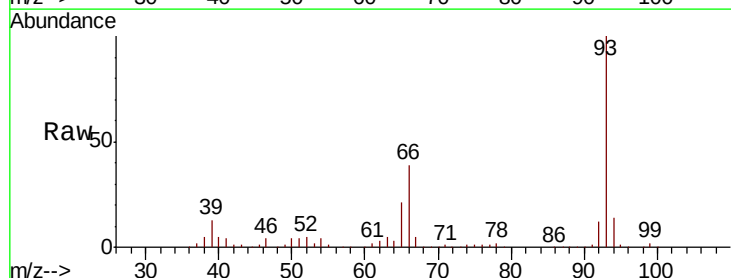
Tgt Ion: 93 Resp: 470694

Ion Ratio Lower Upper

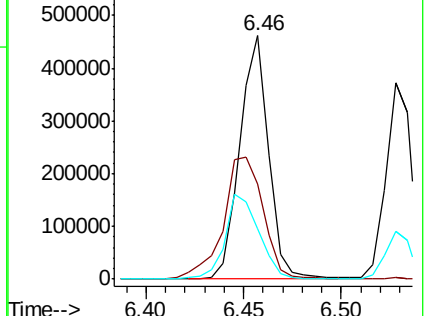
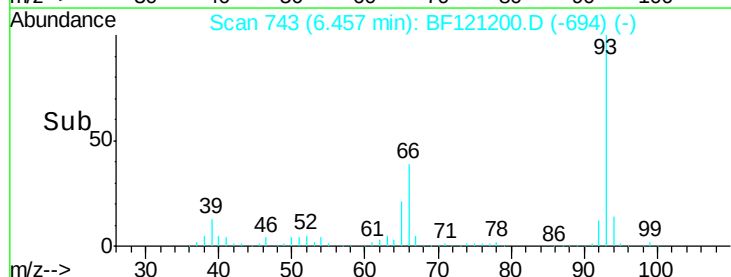
93 100

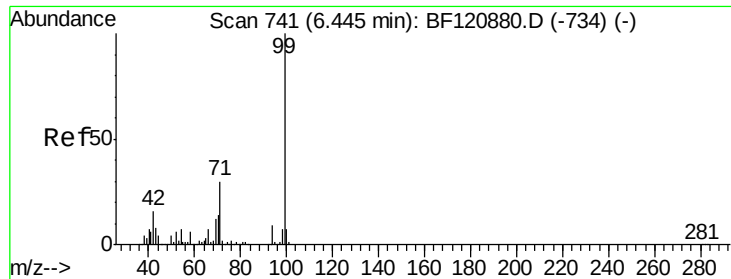
66 38.9 31.0 46.4

65 20.7 16.2 24.4



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: 77.505 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

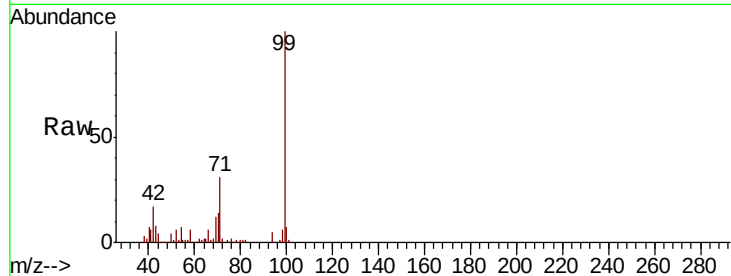
Tot Ion: 99 Resp: 784269

Ion Ratio Lower Upper

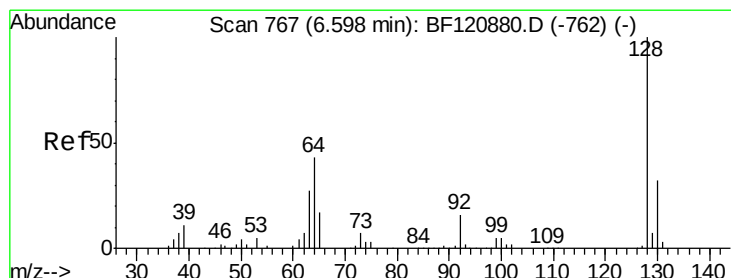
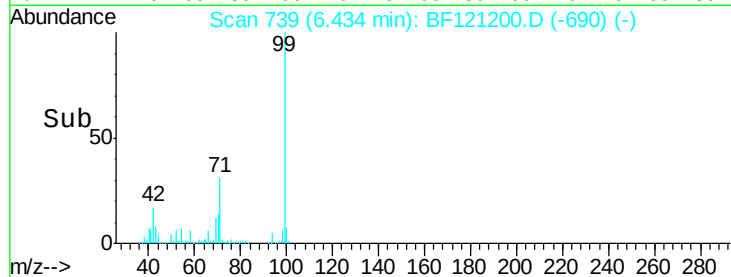
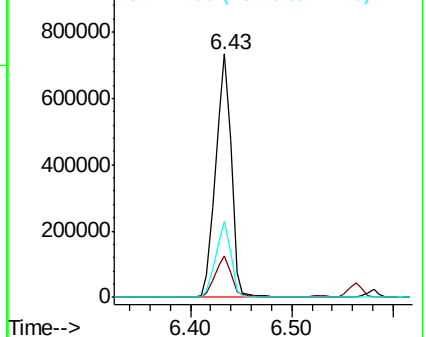
99 100

42 16.8 13.5 20.3

71 31.4 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.707 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

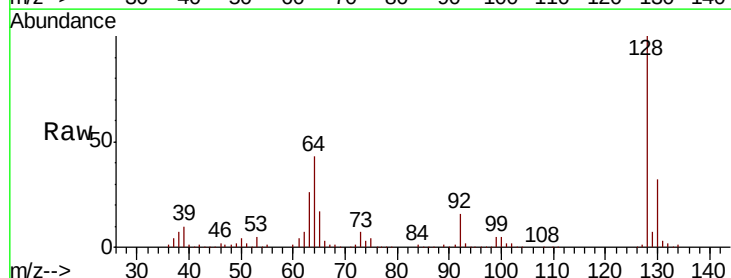
Tgt Ion: 128 Resp: 342658

Ion Ratio Lower Upper

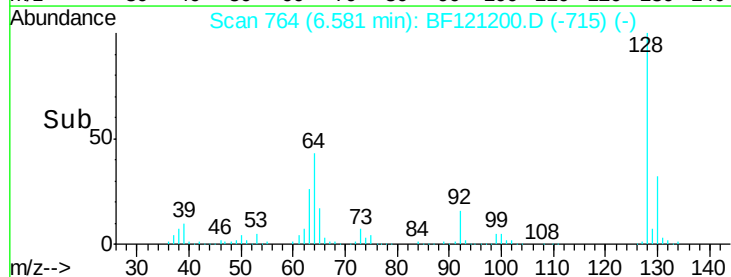
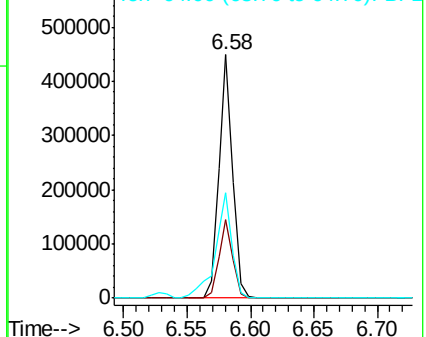
128 100

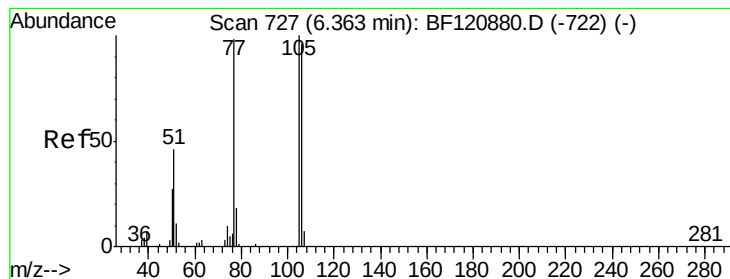
130 32.5 12.7 52.7

64 43.1 23.8 63.8



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





#9

Benzaldehyde

Concen: 42.094 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

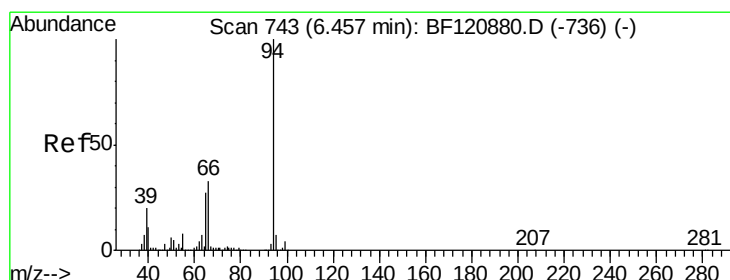
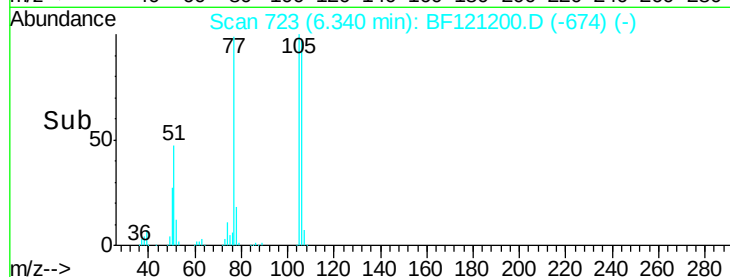
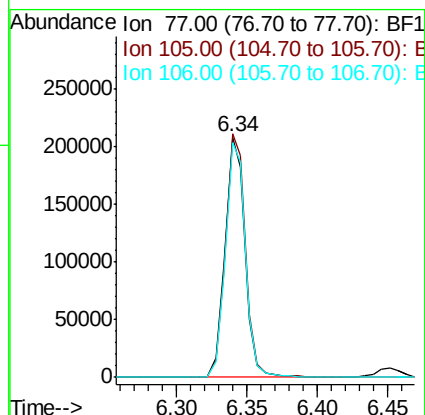
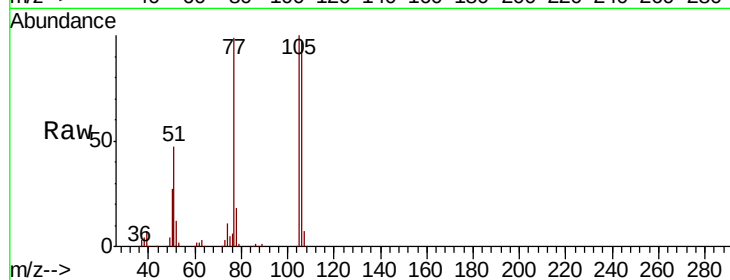
Tot Ion: 77 Resp: 203531

Ion Ratio Lower Upper

77 100

105 101.3 82.4 122.4

106 97.8 78.9 118.9



#10

Phenol

Concen: 38.098 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

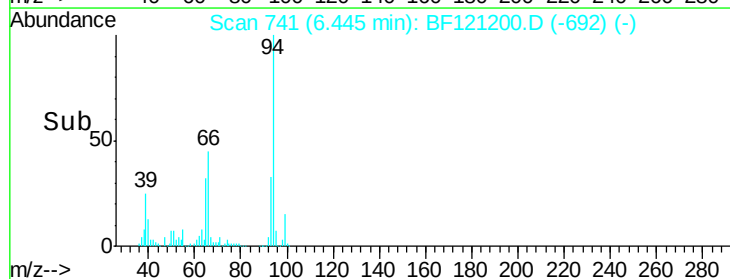
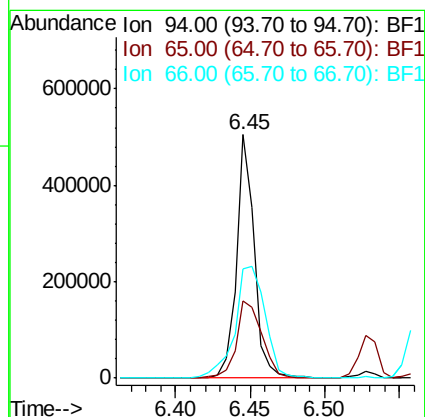
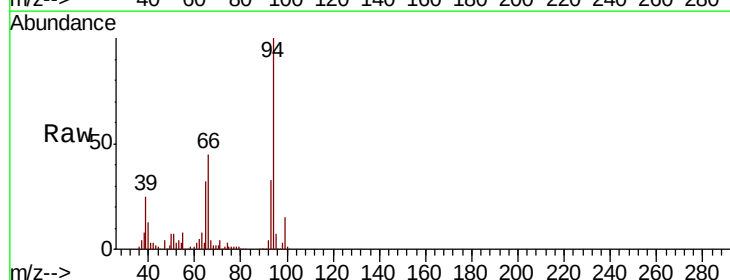
Tgt Ion: 94 Resp: 424072

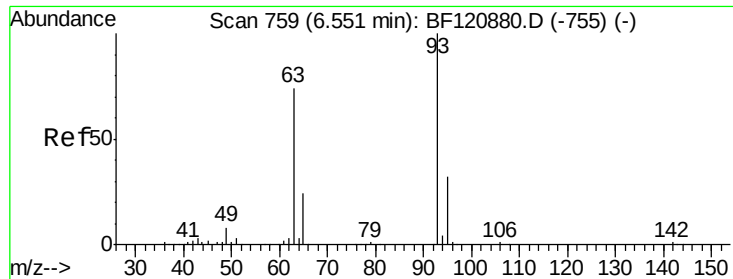
Ion Ratio Lower Upper

94 100

65 31.8 12.6 52.6

66 44.6 25.6 65.6

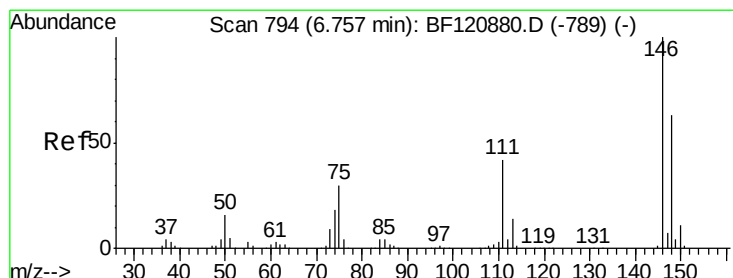
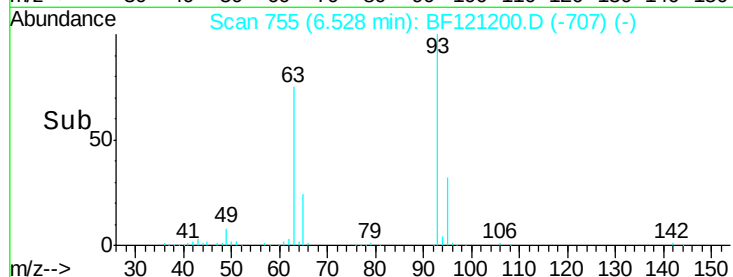
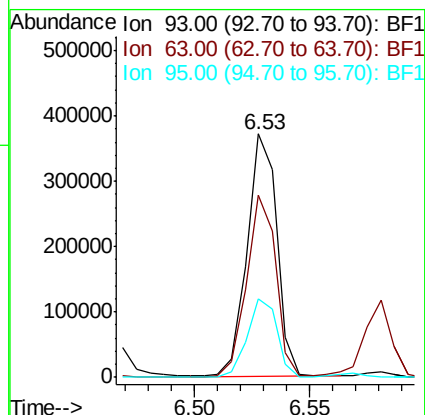
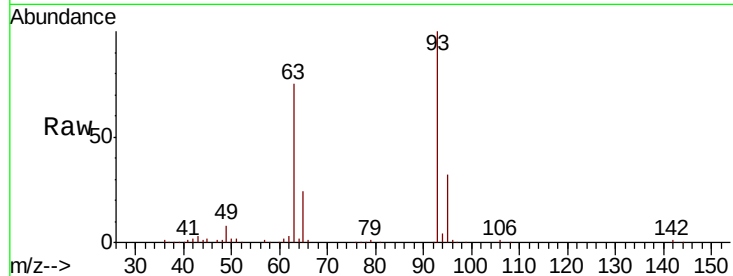




#11
bis(2-Chloroethyl)ether
Concen: 39.289 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

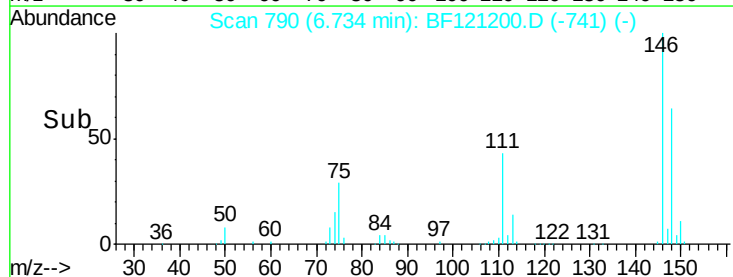
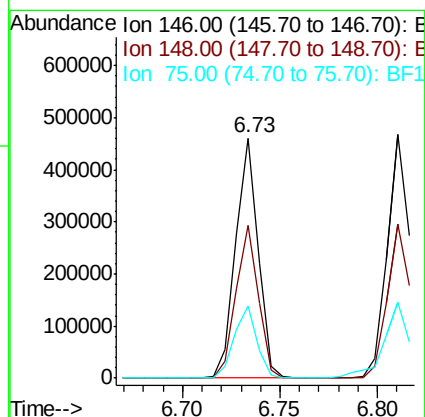
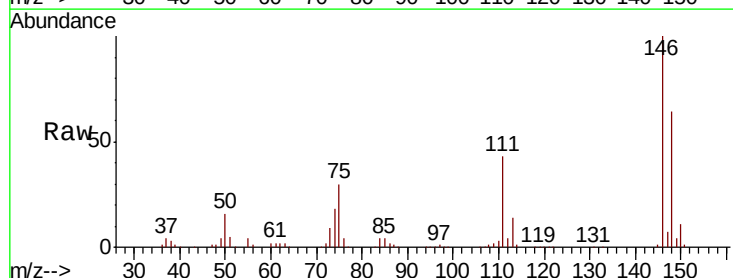
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

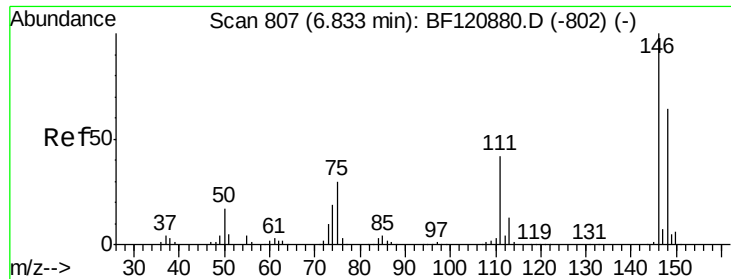
Tot Ion: 93 Resp: 335165
Ion Ratio Lower Upper
93 100
63 74.8 51.9 91.9
95 32.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 39.452 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion: 146 Resp: 369176
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
75 29.9 23.8 35.6

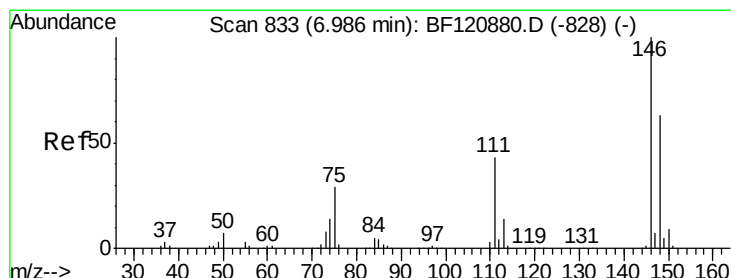
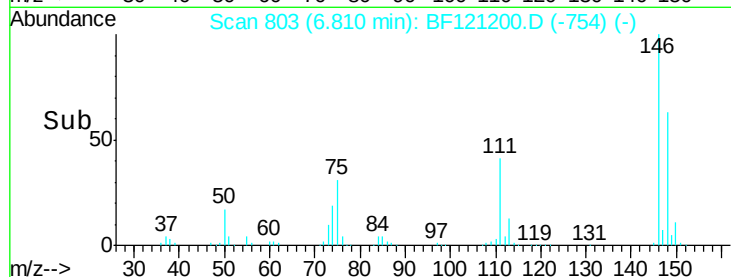
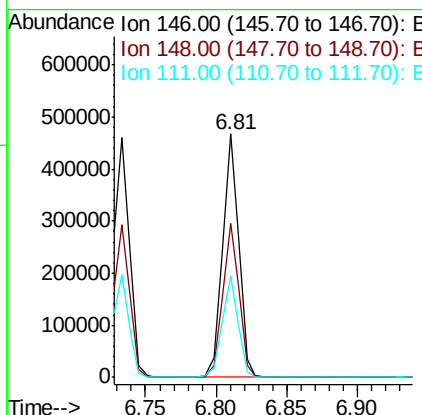
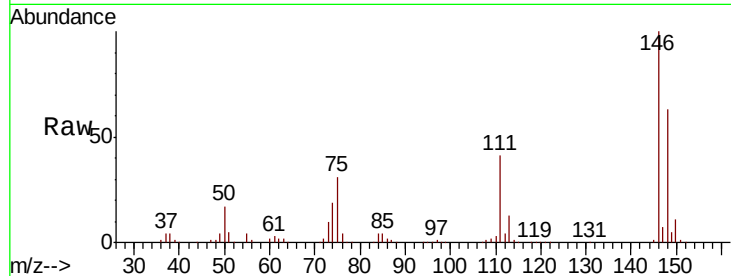




#13
 1,4-Dichlorobenzene
 Concen: 39.895 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

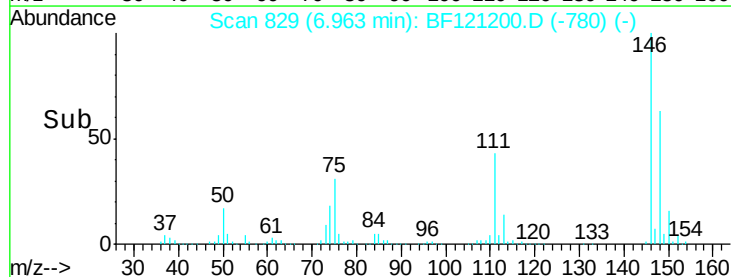
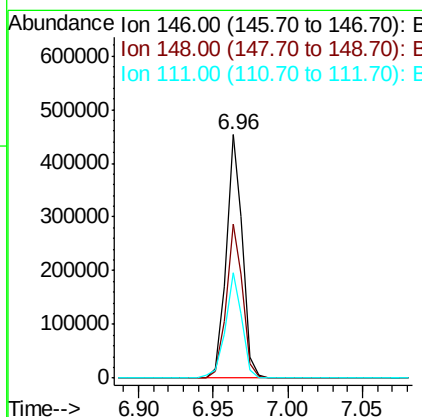
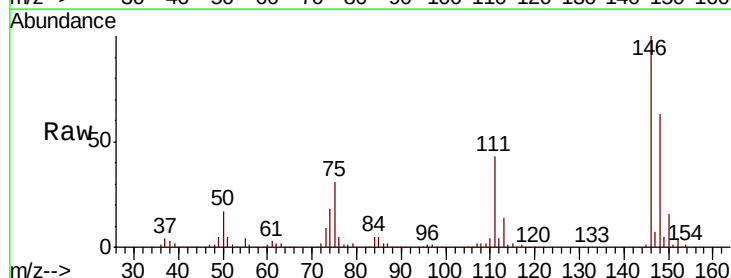
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

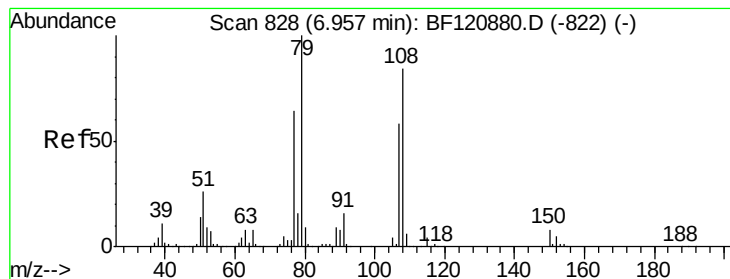
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
111	41.5	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.741 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.4	35.4	53.0





#15

Benzyl Alcohol

Concen: 37.782 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

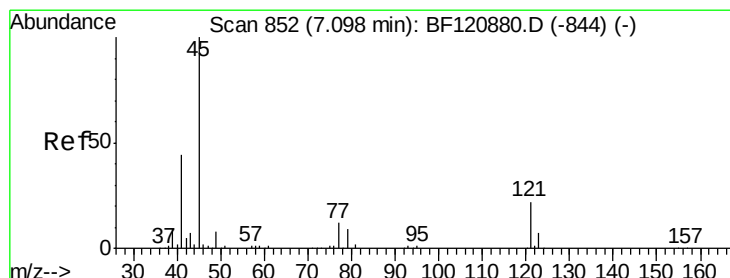
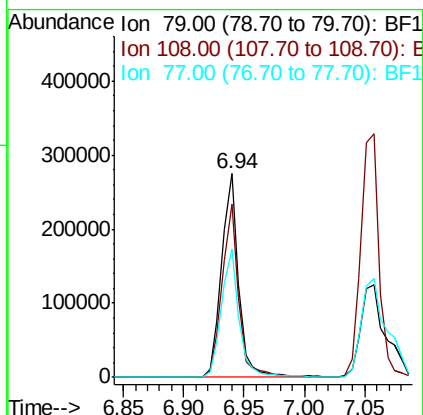
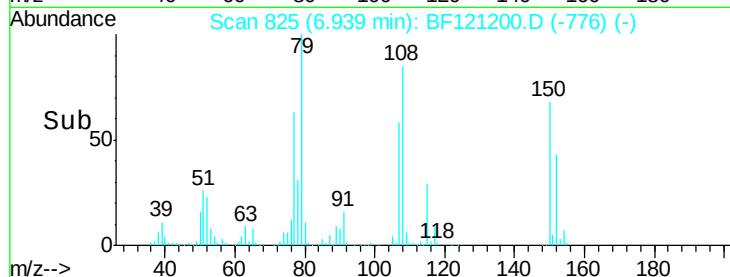
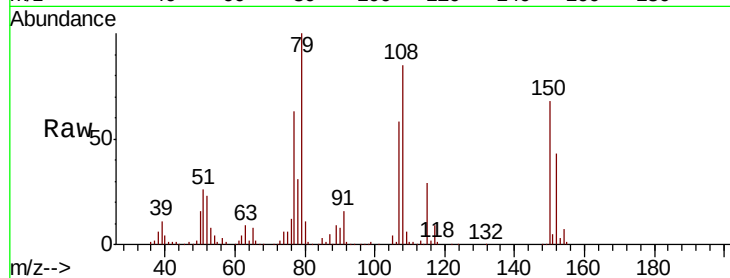
Tot Ion: 79 Resp: 270366

Ion Ratio Lower Upper

79 100

108 85.0 68.6 103.0

77 62.9 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.454 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

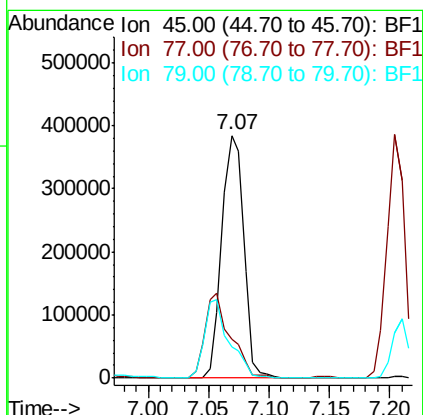
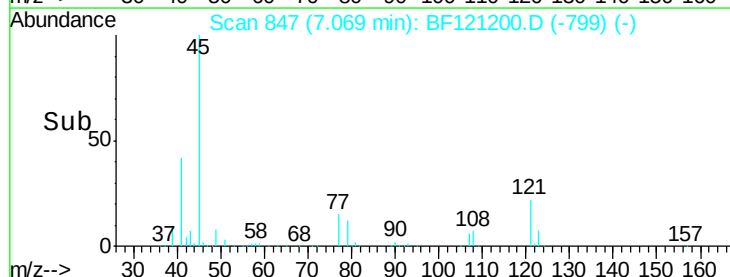
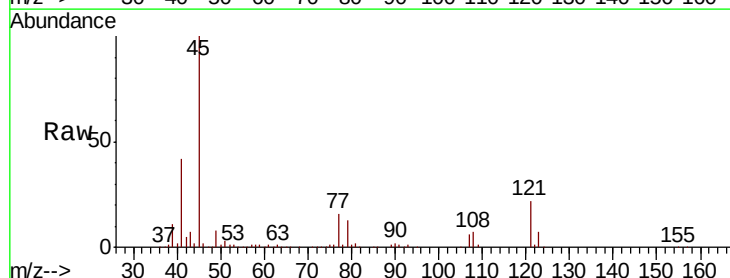
Tgt Ion: 45 Resp: 485119

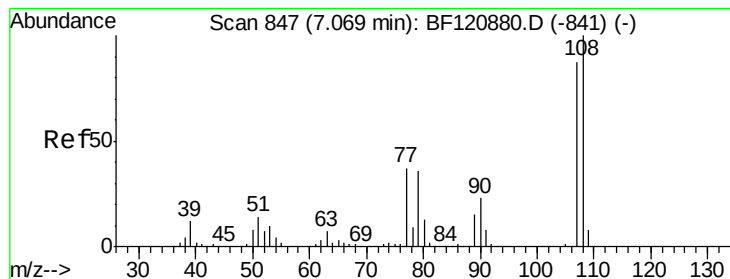
Ion Ratio Lower Upper

45 100

77 16.0 0.0 34.7

79 12.7 0.0 32.0





#17

2-Methylphenol

Concen: 38.616 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 295364

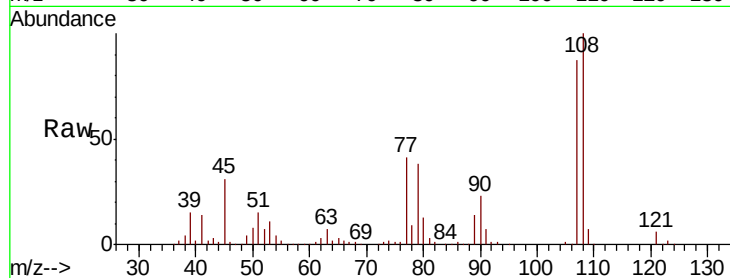
Ion Ratio Lower Upper

107 100

108 114.7 91.2 136.8

77 46.8 36.5 54.7

79 43.8 35.0 52.6

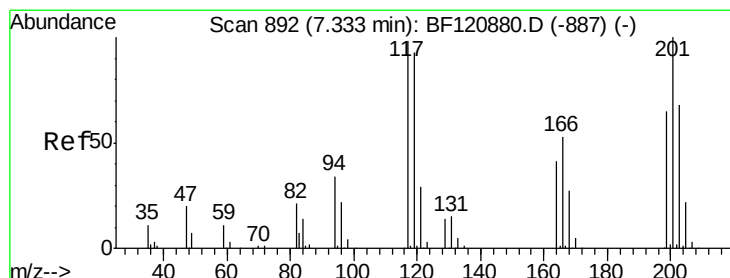
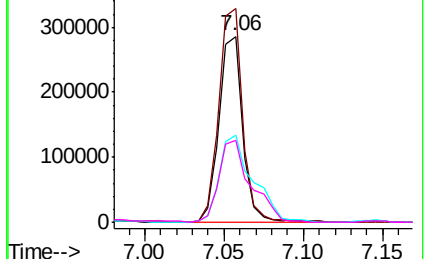
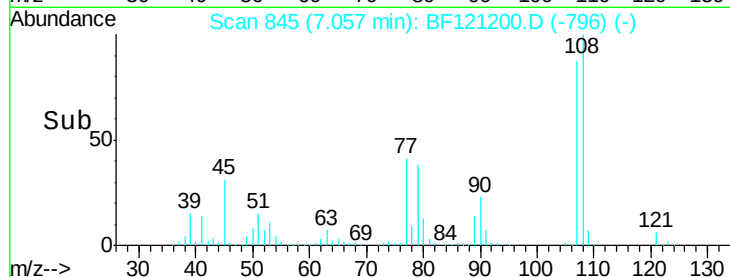


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.531 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

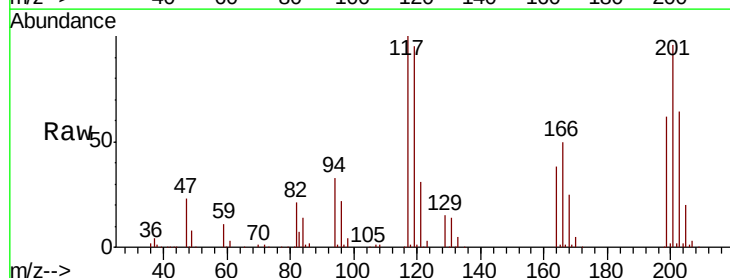
Tgt Ion:117 Resp: 136500

Ion Ratio Lower Upper

117 100

119 95.3 76.6 114.8

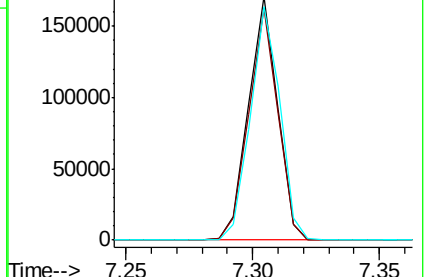
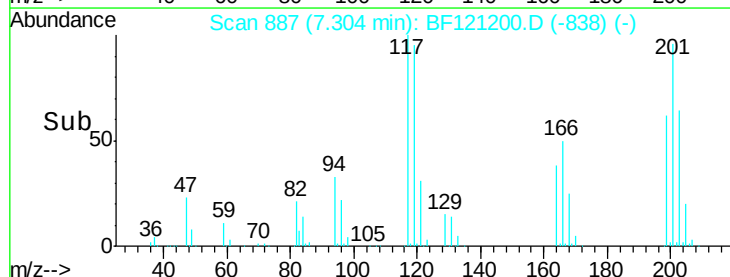
201 95.6 75.0 112.4

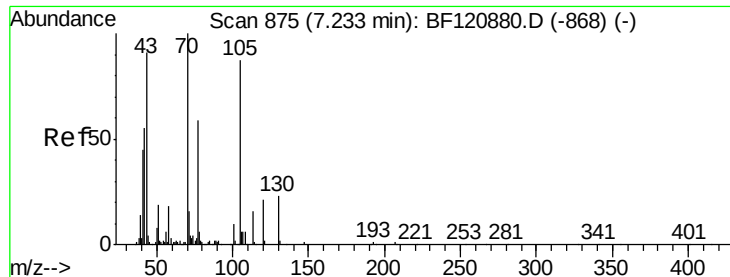


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

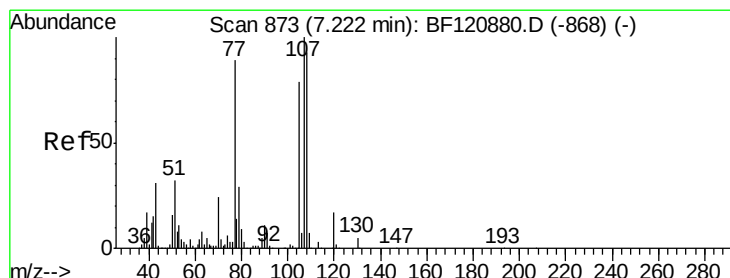
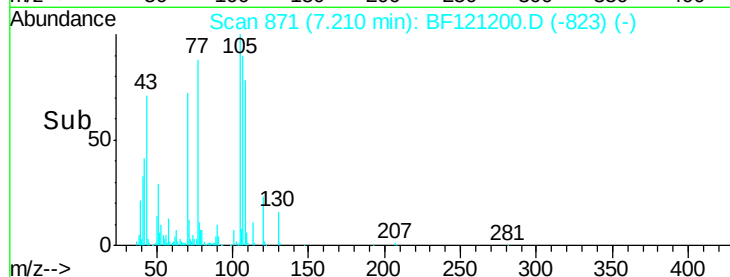
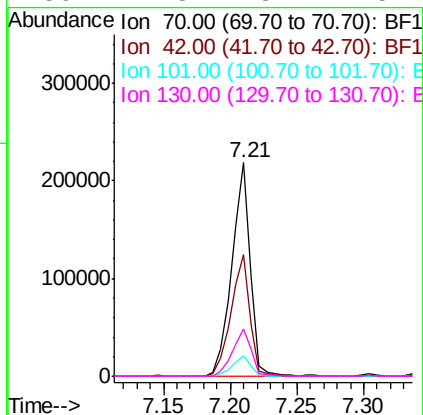
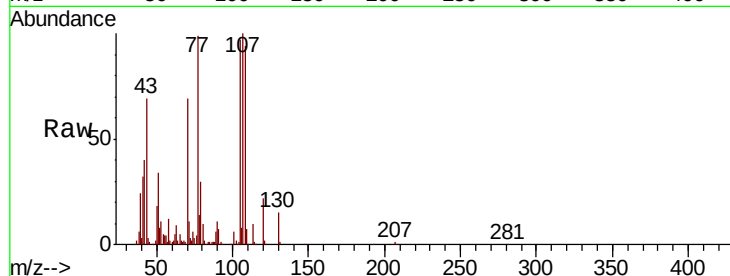




#19
n-Nitroso-di-n-propylamine
Concen: 37.164 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

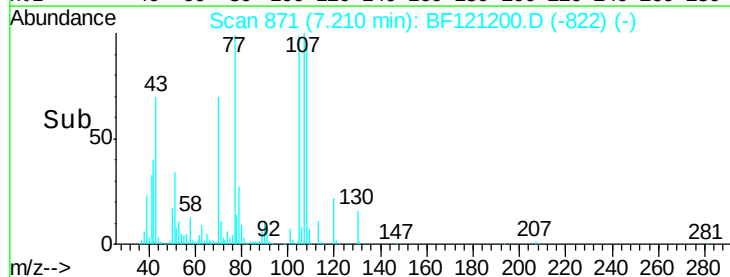
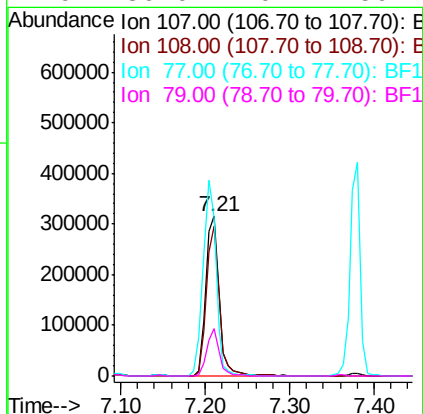
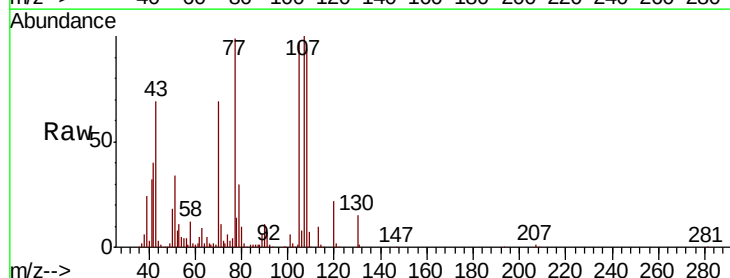
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

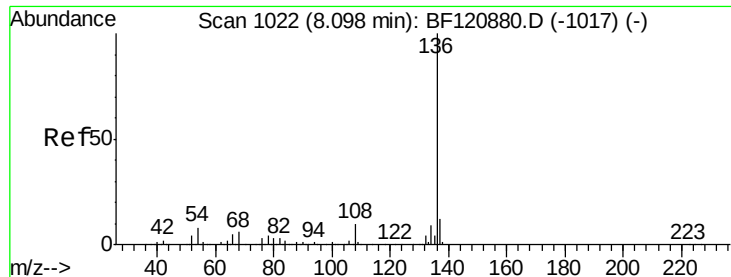
Tot Ion:	70	Resp:	213842
Ion	Ratio	Lower	Upper
70	100		
42	57.2	43.3	64.9
101	9.4	8.4	12.6
130	22.3	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.766 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:	107	Resp:	347994
Ion	Ratio	Lower	Upper
107	100		
108	94.0	73.7	113.7
77	99.3	84.9	124.9
79	30.0	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 469074

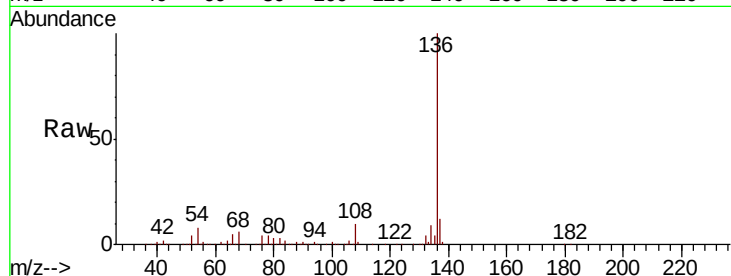
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 8.2 6.1 9.1

68 6.1 5.0 7.6

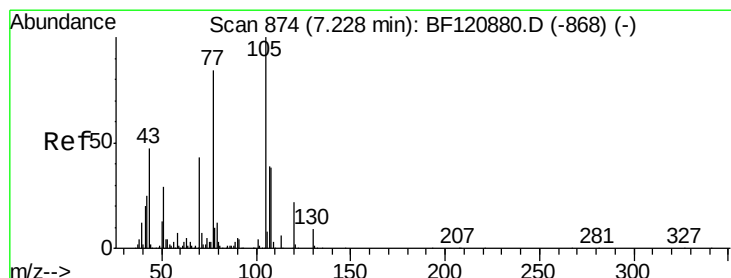
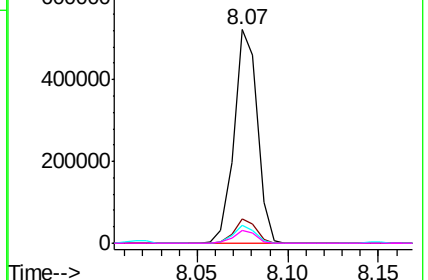
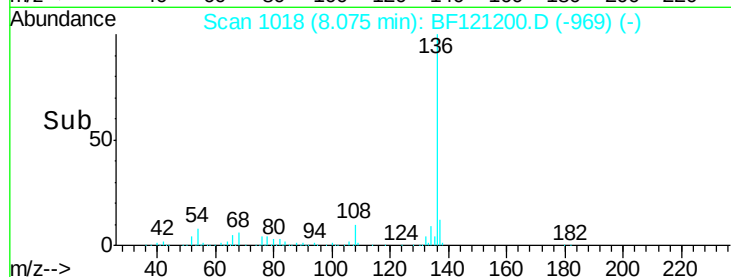


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.033 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Tgt Ion:105 Resp: 421441

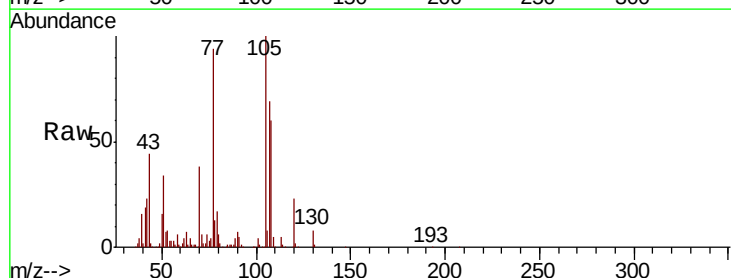
Ion Ratio Lower Upper

105 100

71 6.4 3.8 5.8#

51 33.6 28.0 42.0

120 22.6 17.8 26.6

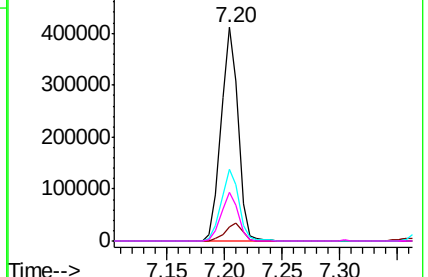
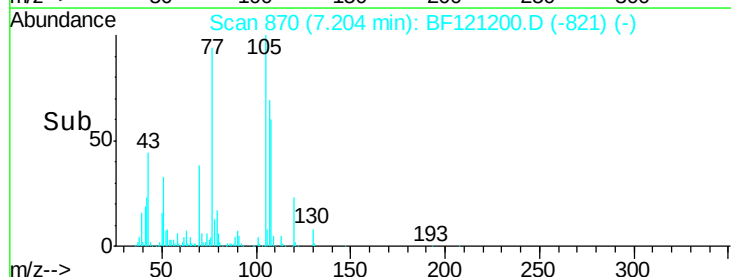


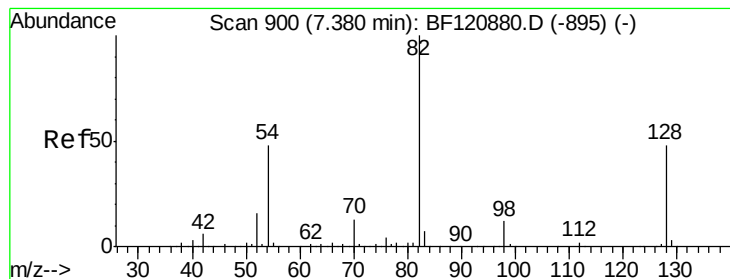
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.069 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

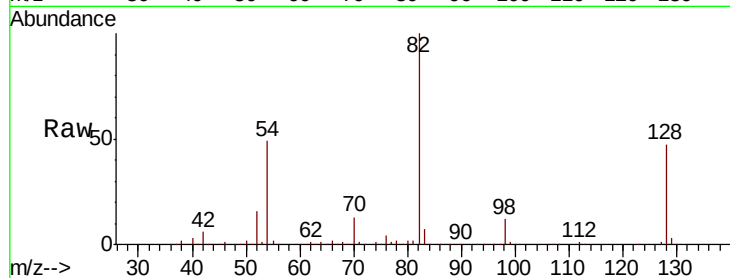
Tot Ion: 82 Resp: 665300

Ion Ratio Lower Upper

82 100

128 46.7 39.2 58.8

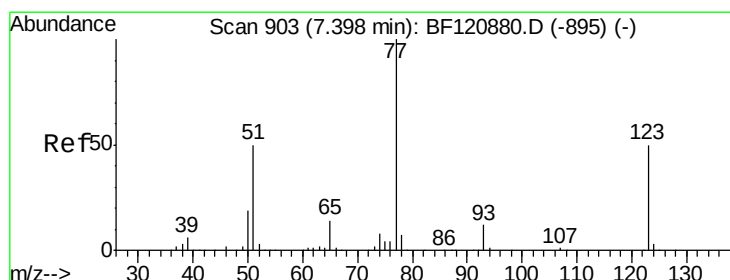
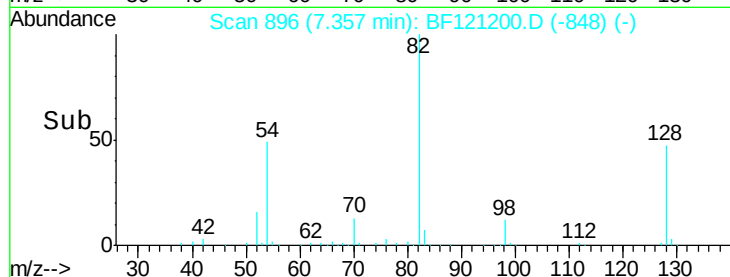
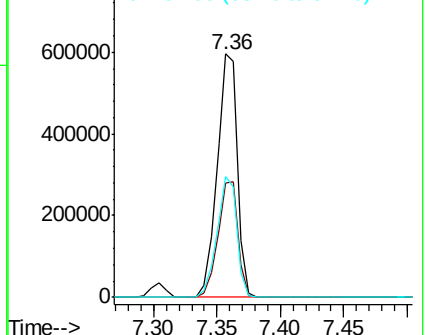
54 49.4 37.8 56.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.784 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

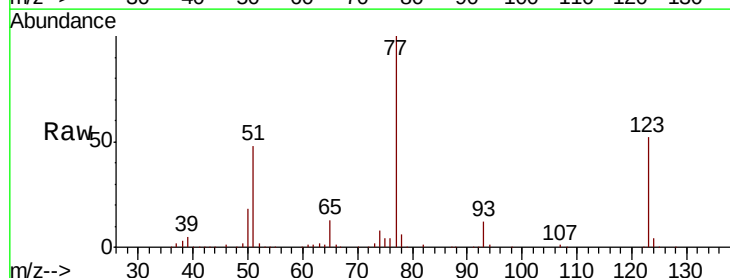
Tgt Ion: 77 Resp: 356341

Ion Ratio Lower Upper

77 100

123 52.3 41.0 61.6

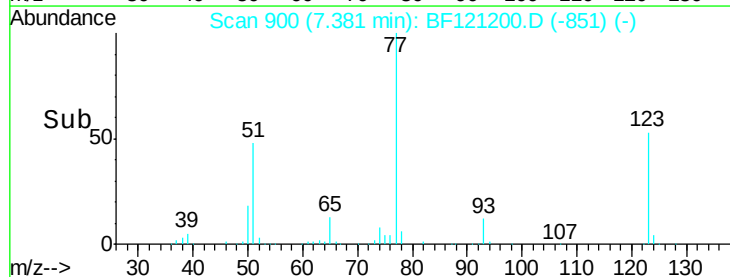
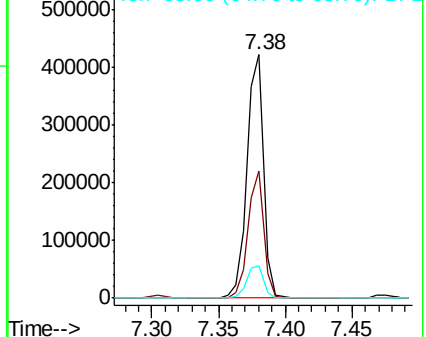
65 13.1 10.3 15.5

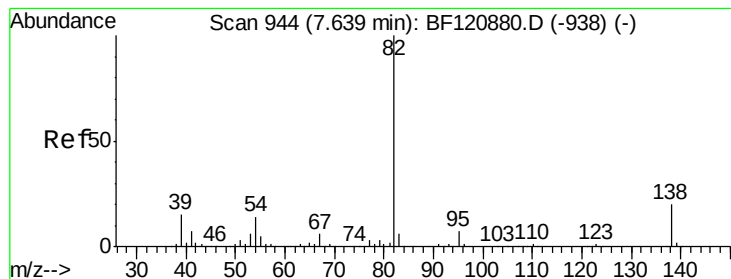


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.839 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

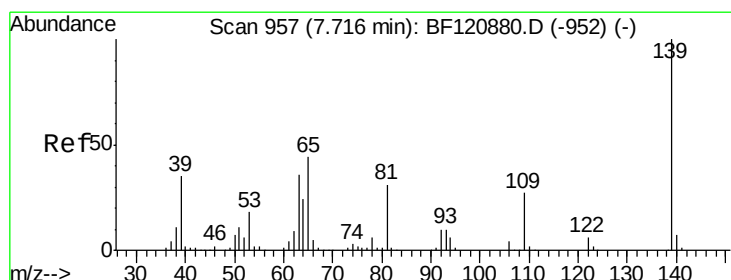
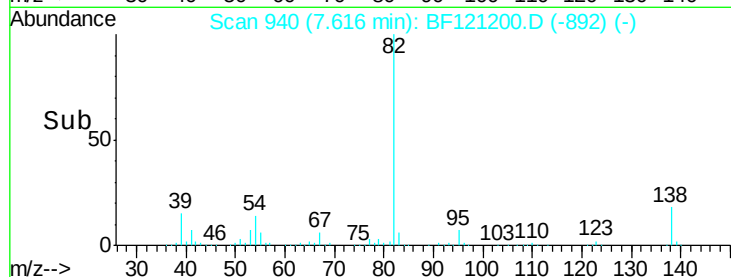
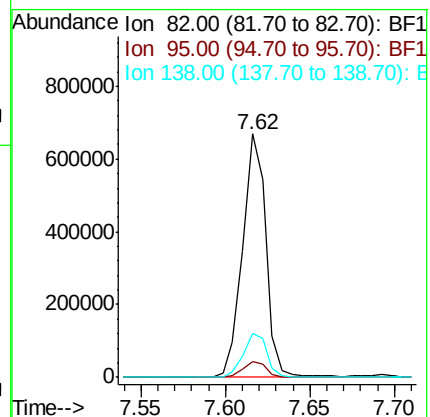
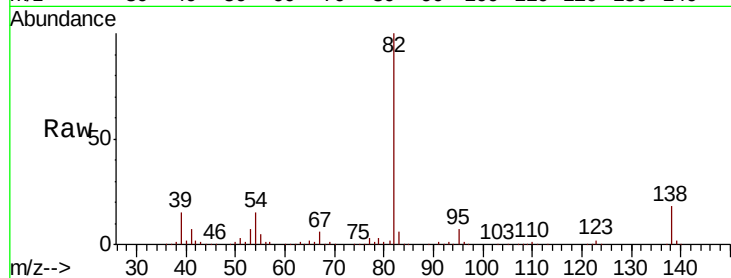
Tot Ion: 82 Resp: 644549

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.9 16.2 24.2



#26

2-Nitrophenol

Concen: 44.725 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

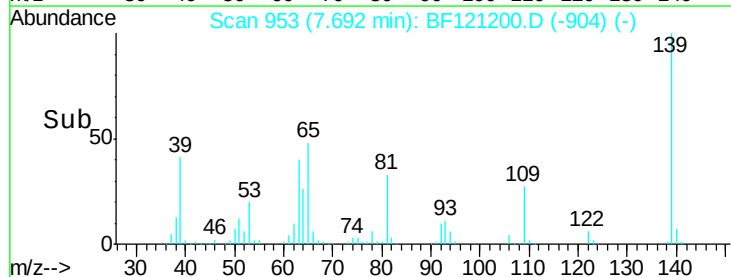
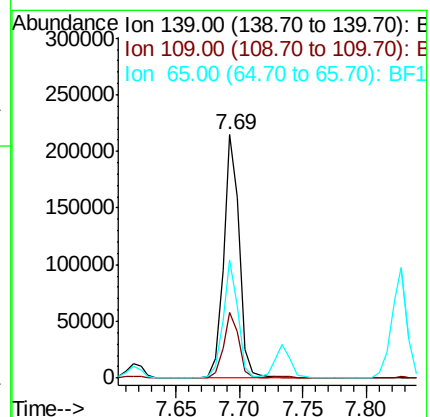
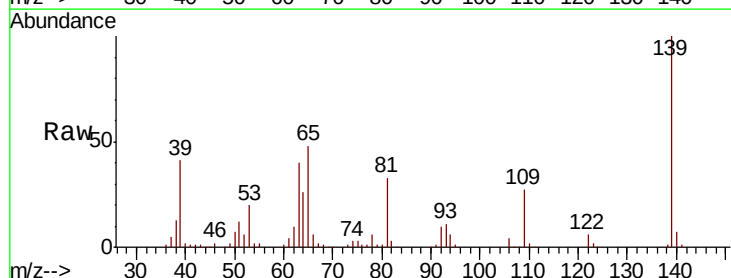
Tgt Ion: 139 Resp: 185595

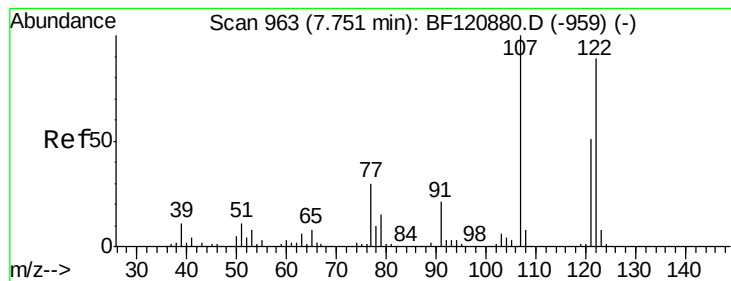
Ion Ratio Lower Upper

139 100

109 27.2 21.7 32.5

65 48.4 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 39.592 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

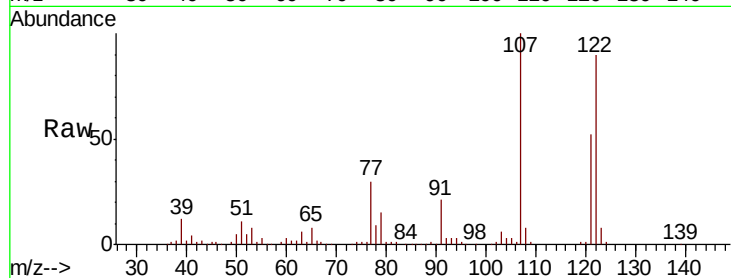
Tot Ion:122 Resp: 266747

Ion Ratio Lower Upper

122 100

107 110.8 87.1 130.7

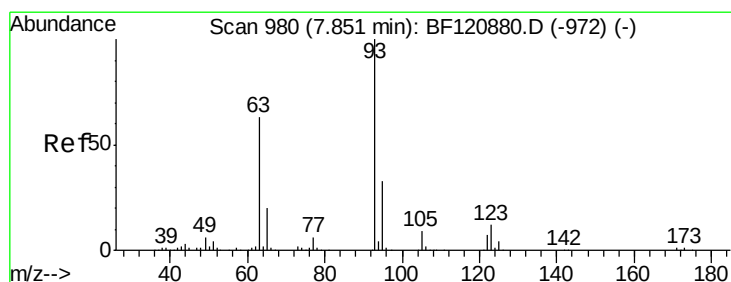
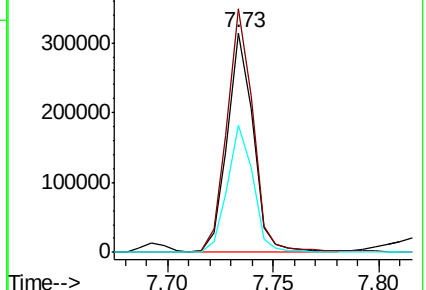
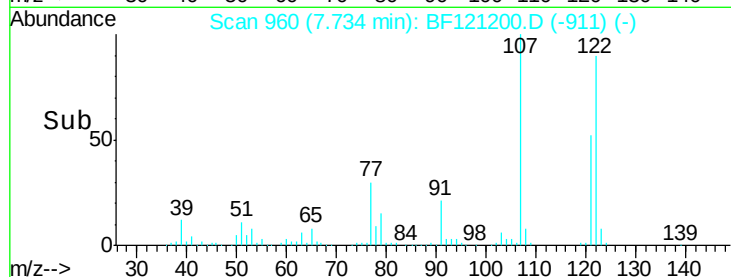
121 57.6 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.690 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

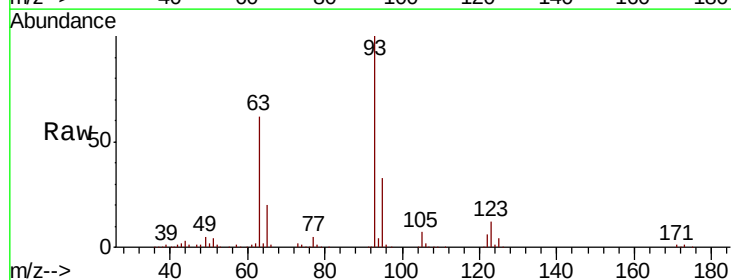
Tgt Ion: 93 Resp: 401859

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

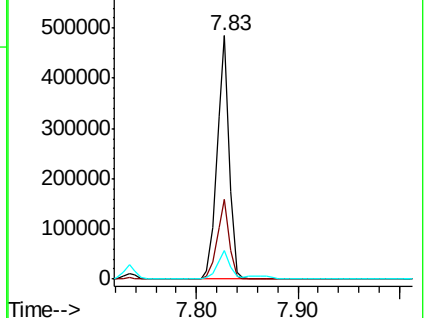
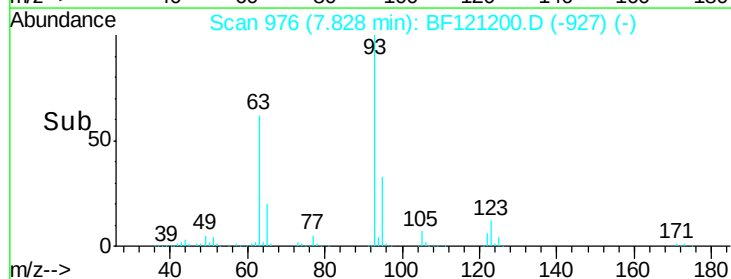
123 11.7 9.5 14.3

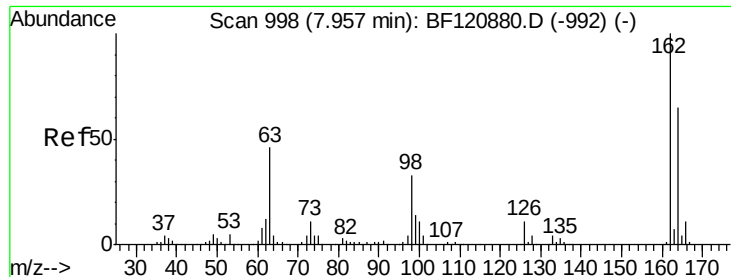


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

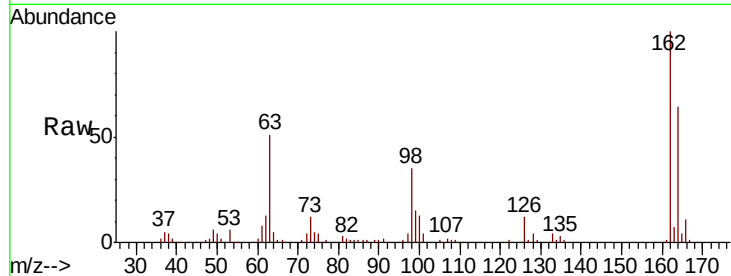




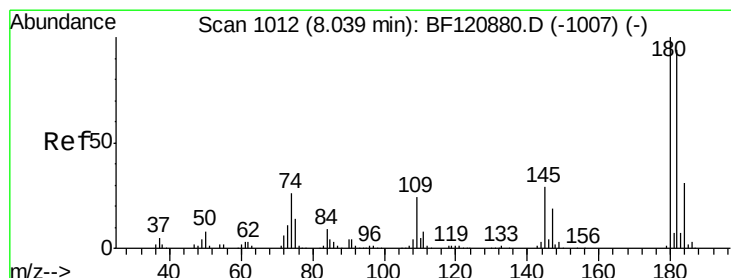
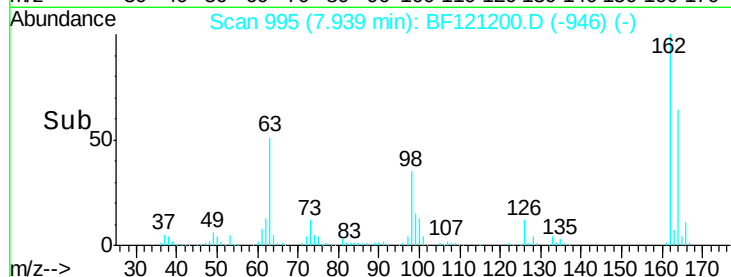
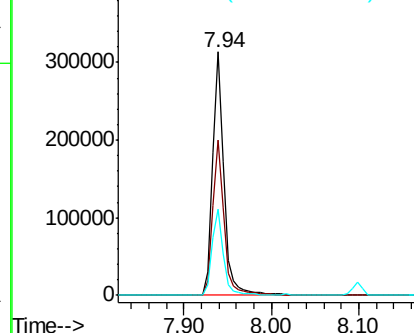
#29
2,4-Dichlorophenol
Concen: 41.656 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.7	84.7
98	35.5	14.2	54.2

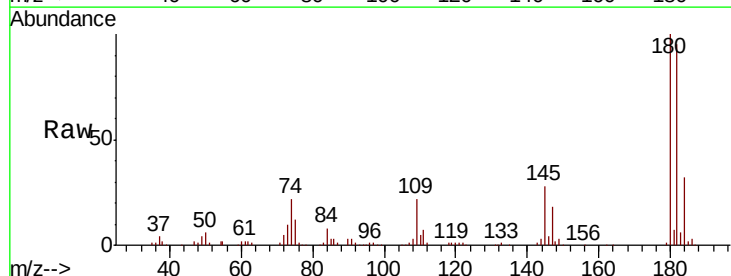


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

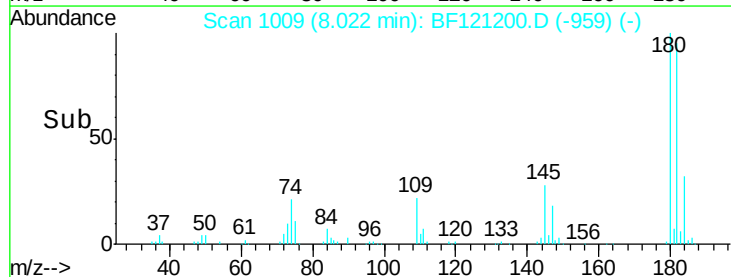
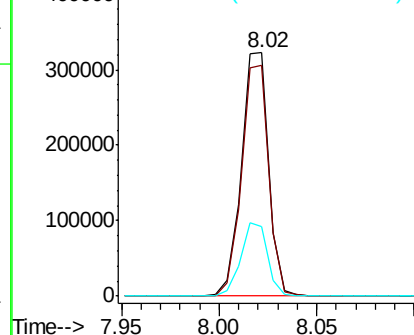


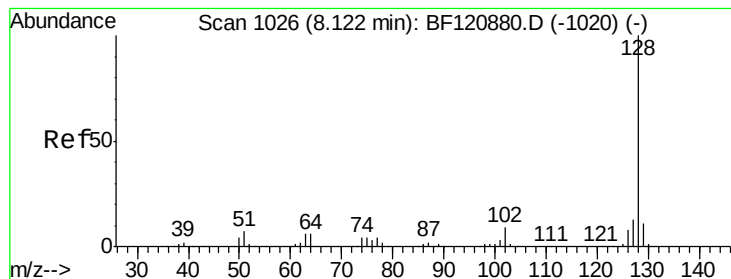
#30
1,2,4-Trichlorobenzene
Concen: 40.765 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	28.5	24.2	36.4



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





#31

Naphthalene

Concen: 39.974 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

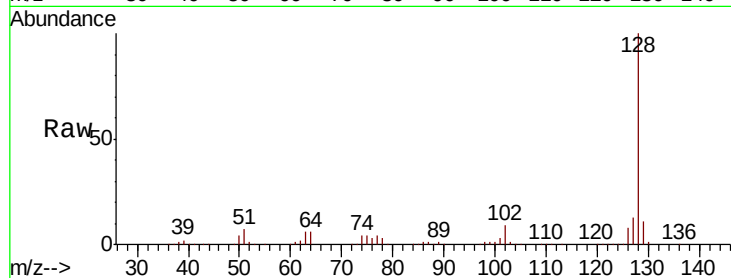
Tot Ion:128 Resp: 961823

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

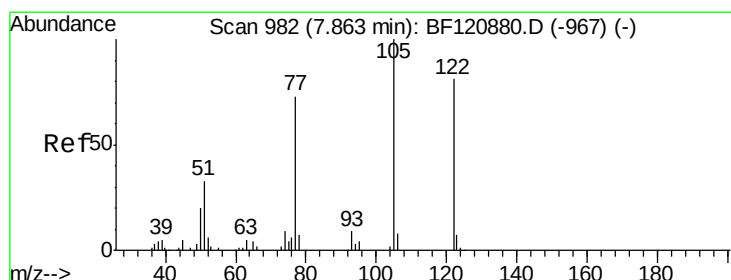
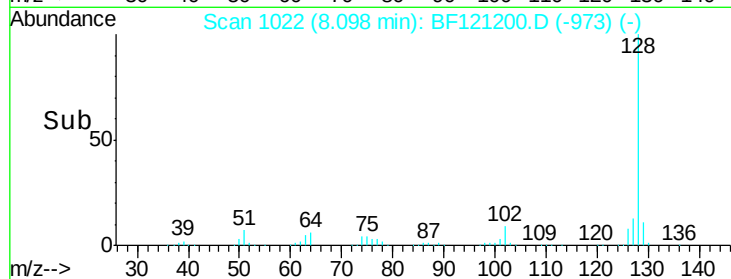
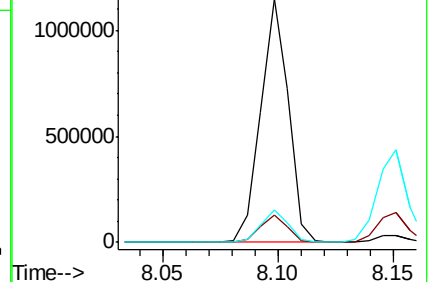
127 13.5 10.8 16.2



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: 43.350 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

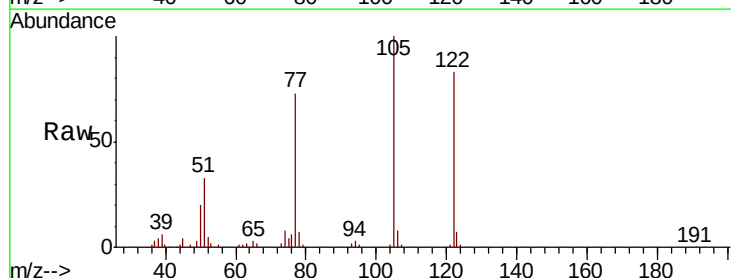
Tgt Ion:122 Resp: 219244

Ion Ratio Lower Upper

122 100

105 120.1 100.9 140.9

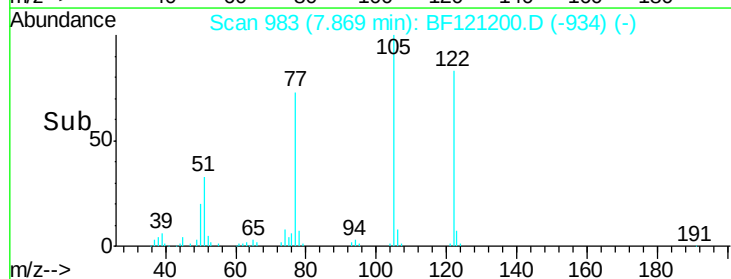
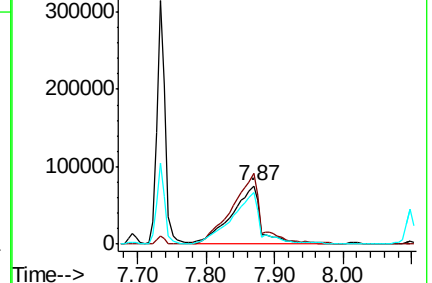
77 88.3 67.8 107.8

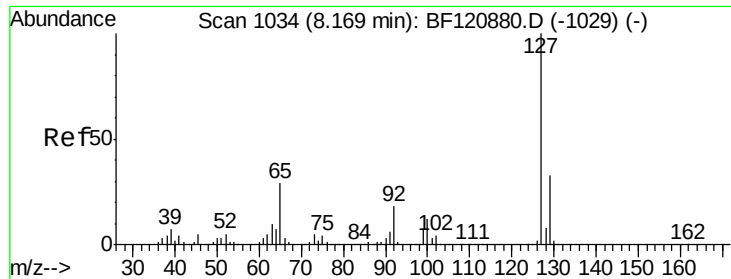


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

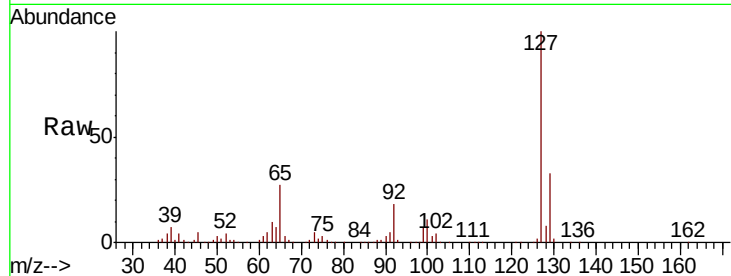




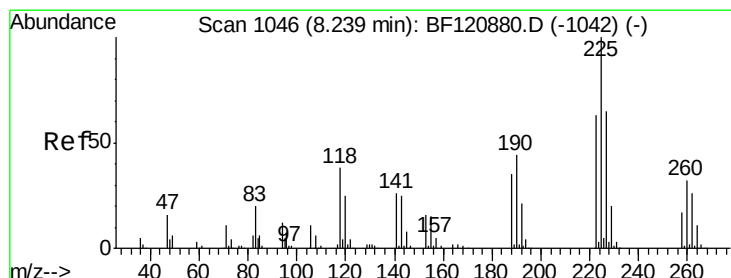
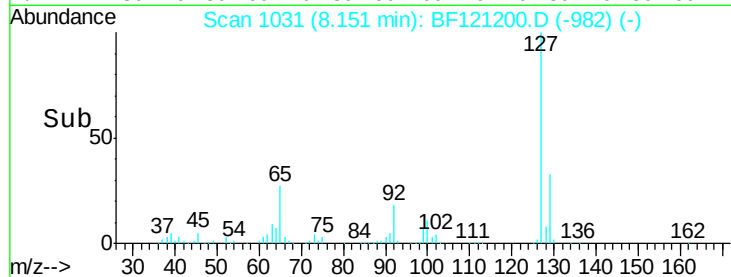
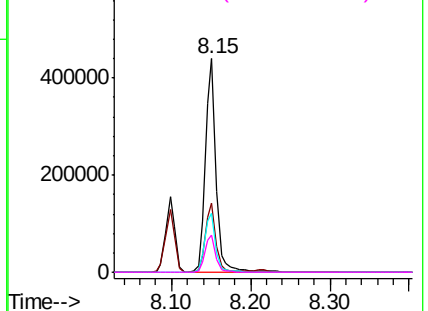
#33
4-Chloroaniline
Concen: 38.813 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	416598
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	27.3	21.4	32.0
92	17.5	13.8	20.8

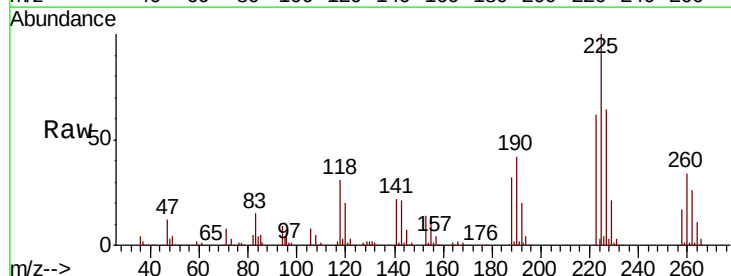


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

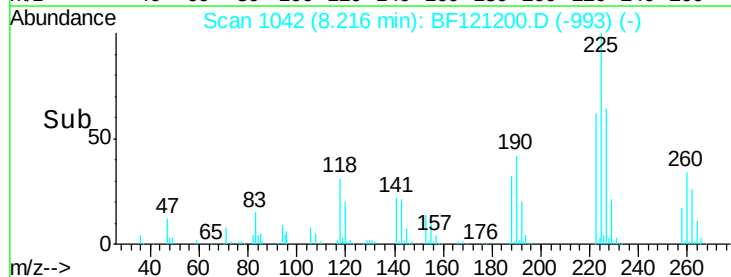
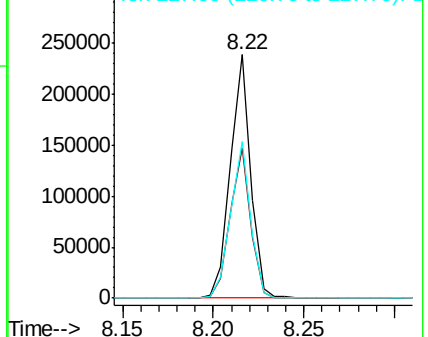


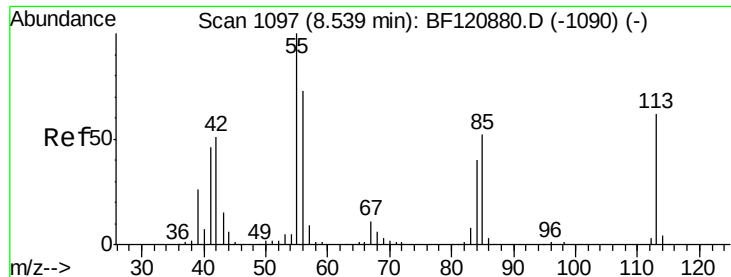
#34
Hexachlorobutadiene
Concen: 41.423 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:	225	Resp:	186522
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	64.4	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

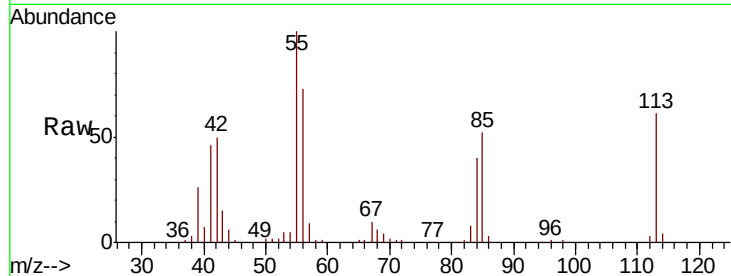




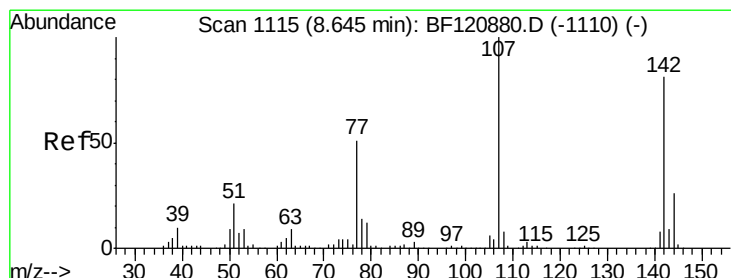
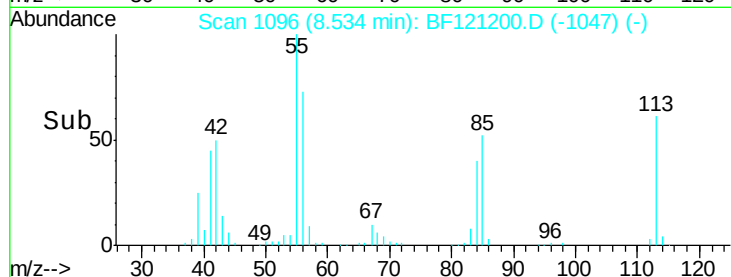
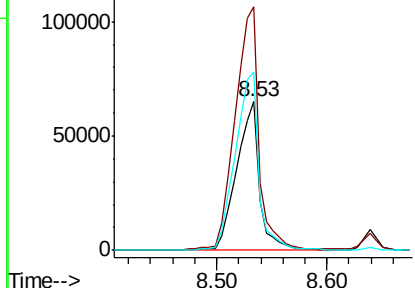
#35
 Caprolactam
 Concen: 42.674 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 94216
 Ion Ratio Lower Upper
 113 100
 55 163.8 131.0 171.0
 56 119.9 90.4 130.4

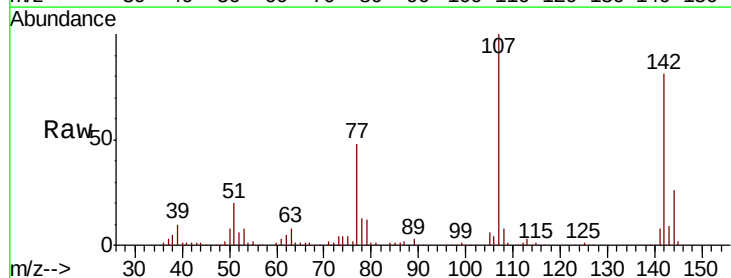


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

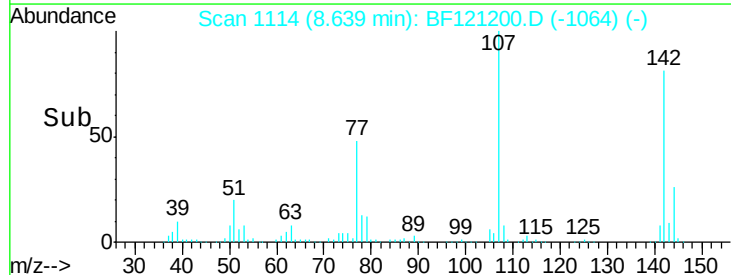
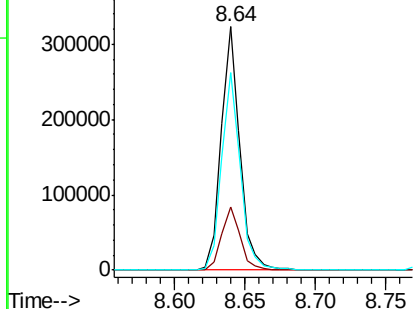


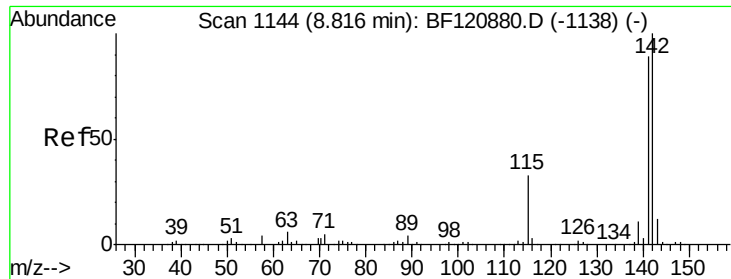
#36
 4-Chloro-3-methylphenol
 Concen: 42.223 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:107 Resp: 298130
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.9 31.3
 142 81.0 64.5 96.7



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

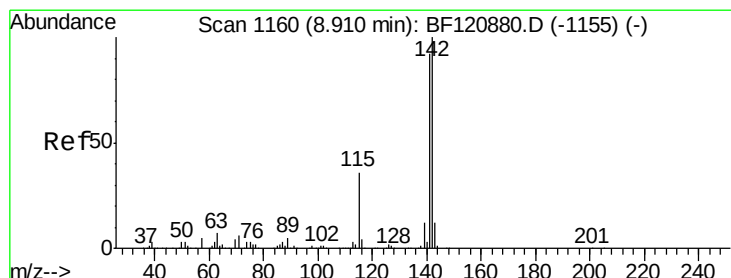
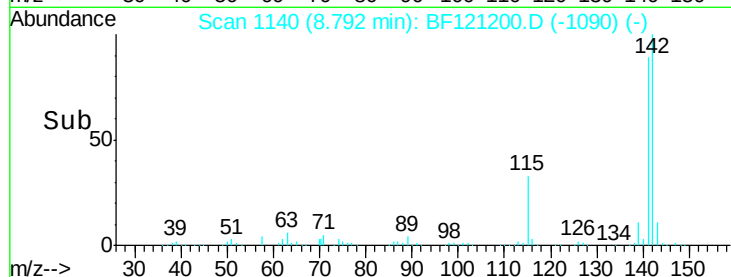
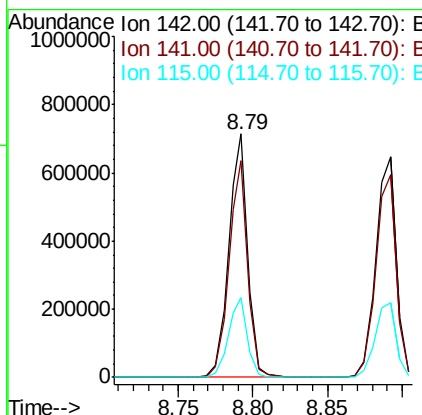
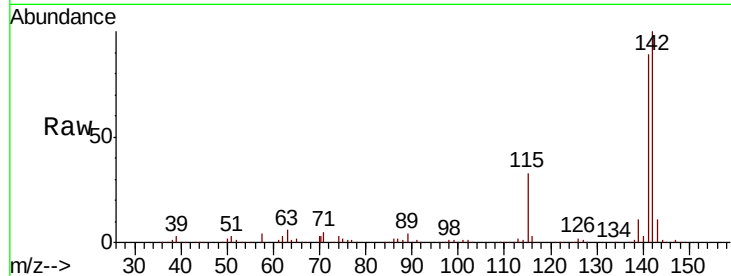




#37
2-Methylnaphthalene
Concen: 40.884 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

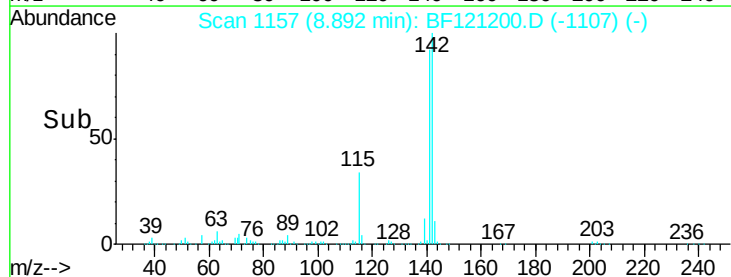
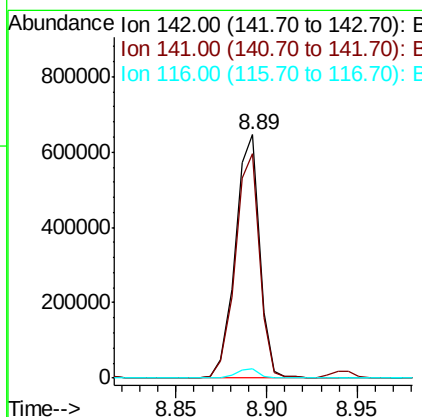
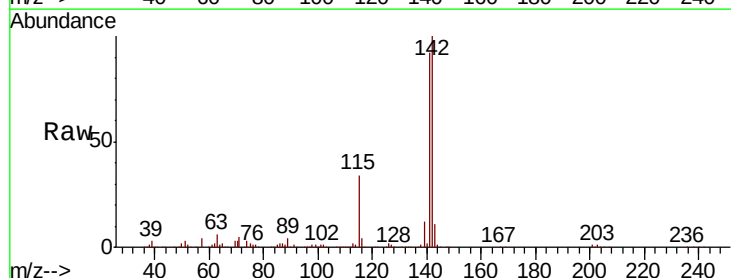
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

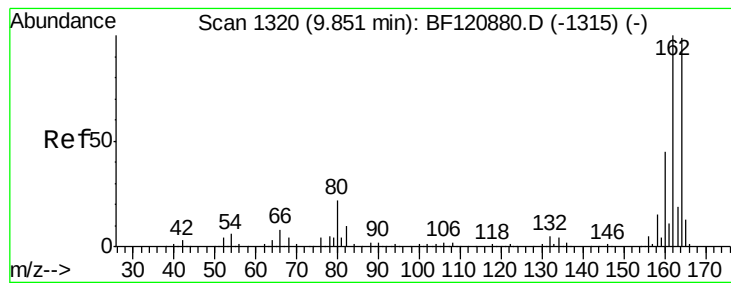
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.6	105.8
115	32.6	27.1	40.7



#38
1-Methylnaphthalene
Concen: 40.725 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.6
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

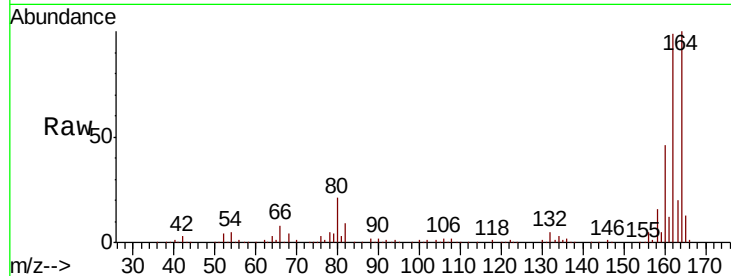
Tot Ion:164 Resp: 249077

Ion Ratio Lower Upper

164 100

162 99.5 82.2 123.2

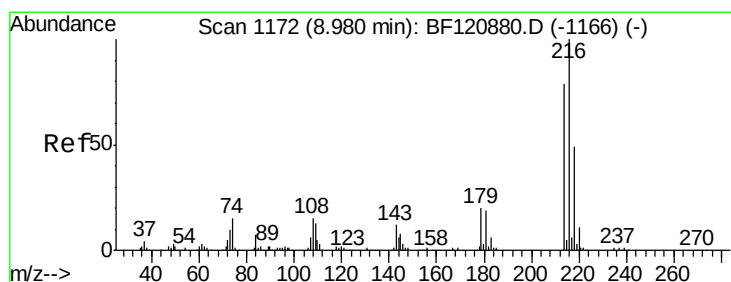
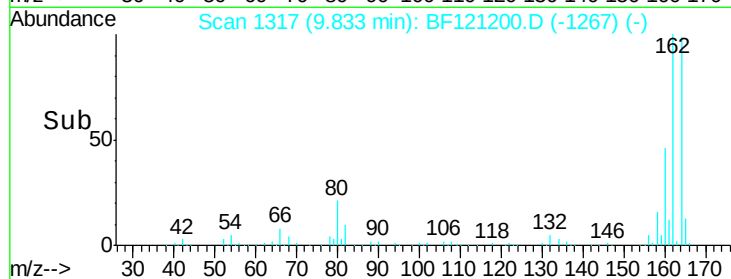
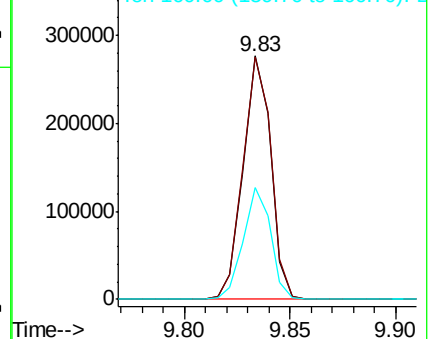
160 45.7 37.2 55.8



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: 41.297 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Tgt Ion:216 Resp: 299696

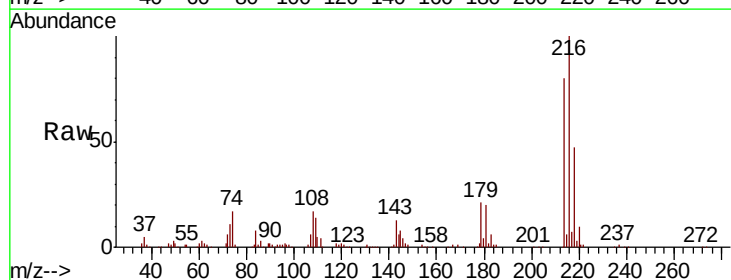
Ion Ratio Lower Upper

216 100

214 79.8 63.9 95.9

179 20.6 16.6 24.8

108 18.3 15.0 22.4

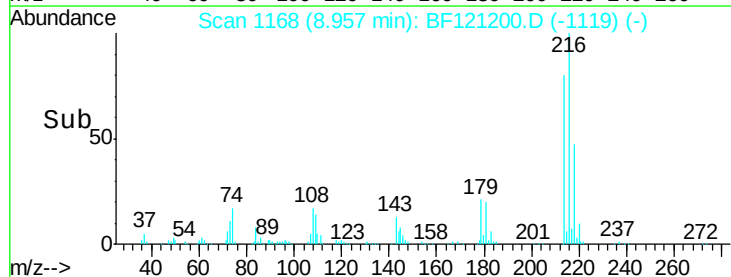
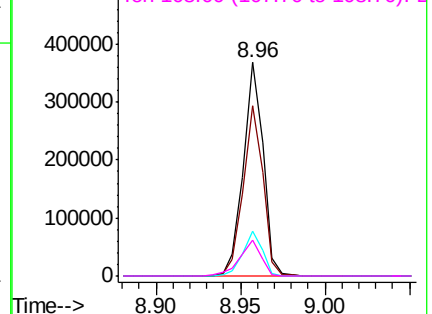


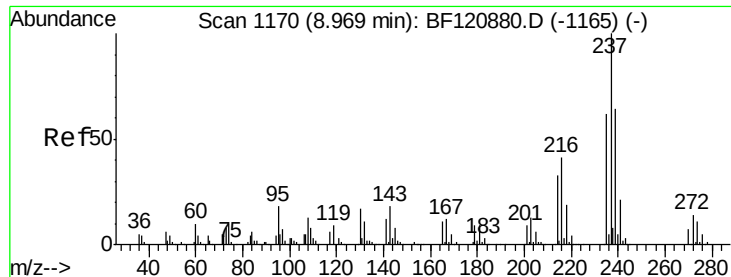
Abundance Ion 216.00 (215.70 to 216.70): E

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

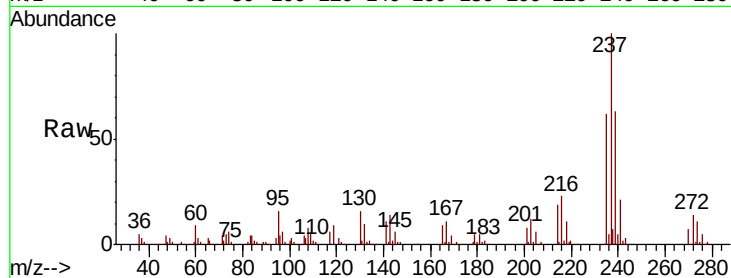




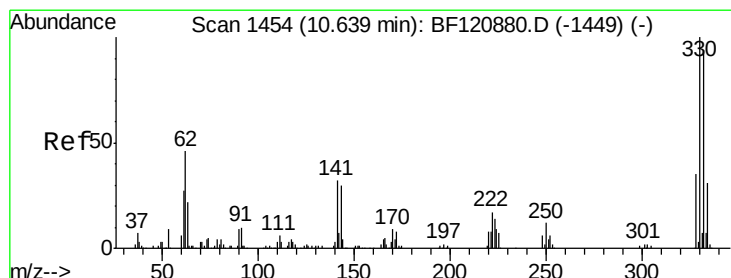
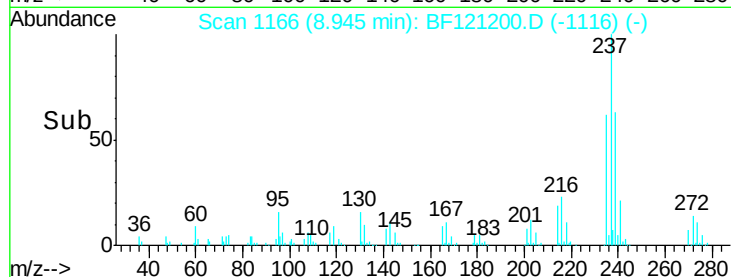
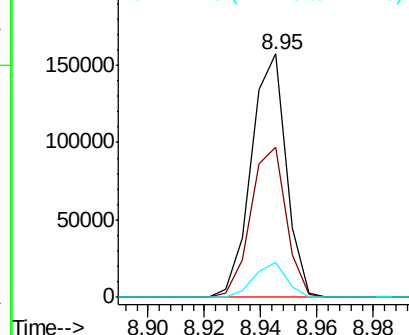
#41
Hexachlorocyclopentadiene
Concen: 33.751 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:237 Resp: 135369
Ion Ratio Lower Upper
237 100
235 61.7 43.2 83.2
272 14.1 0.0 33.6

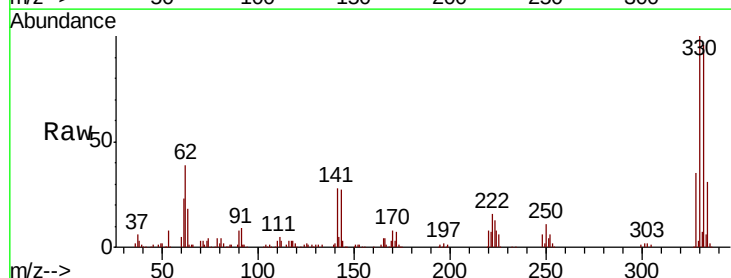


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

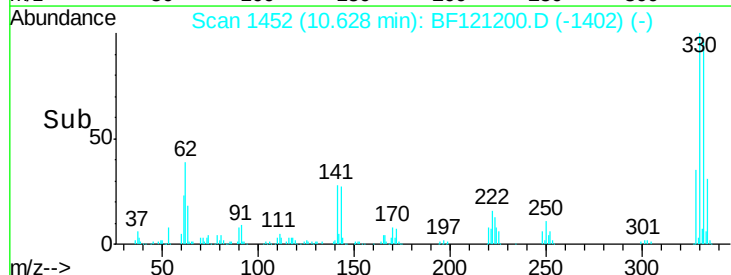
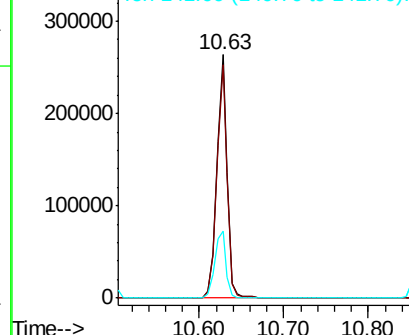


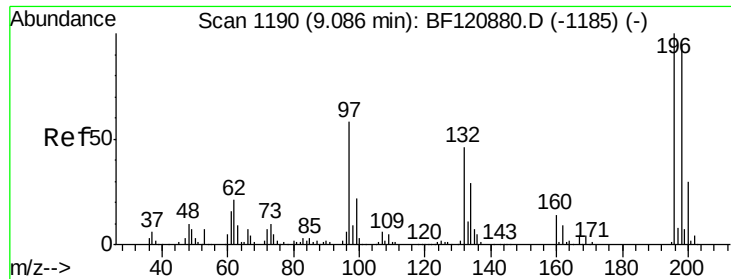
#42
2,4,6-Tribromophenol
Concen: 85.681 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:330 Resp: 233599
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 29.9 24.1 36.1



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

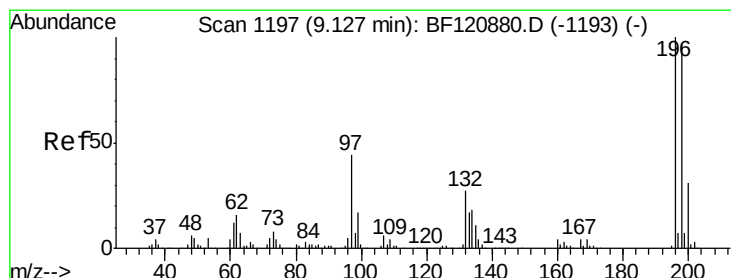
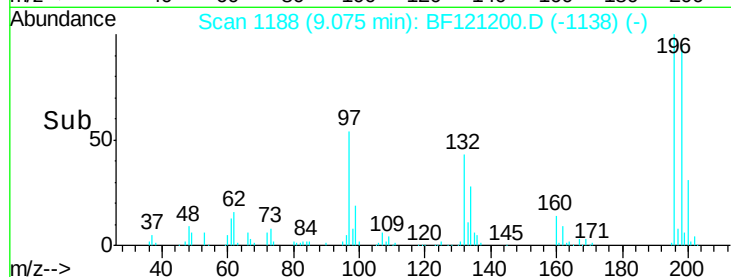
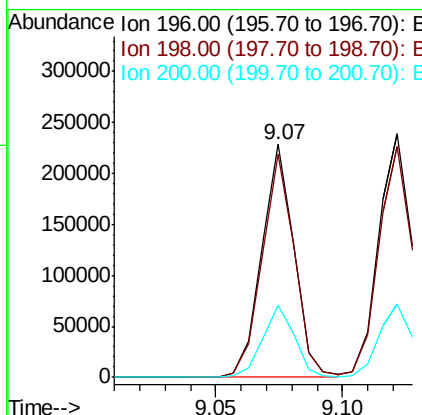
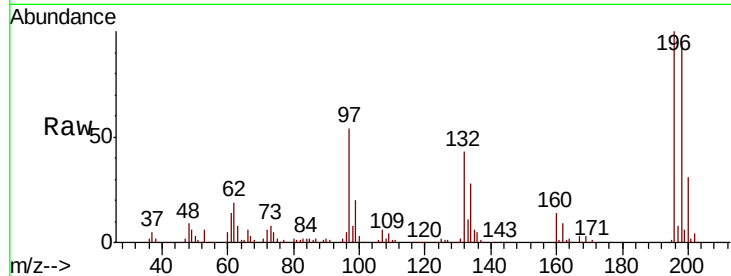




#43
 2,4,6-Trichlorophenol
 Concen: 39.669 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

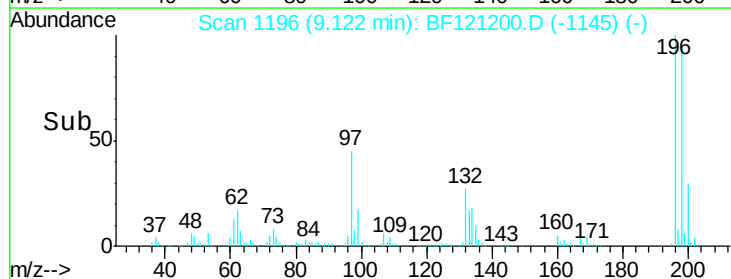
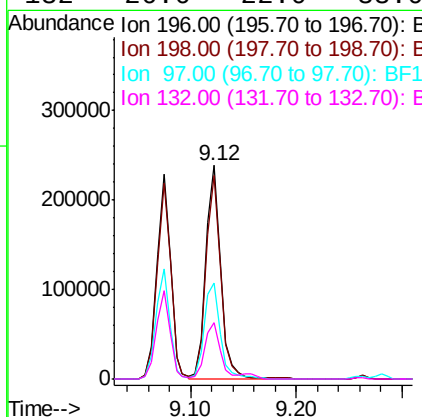
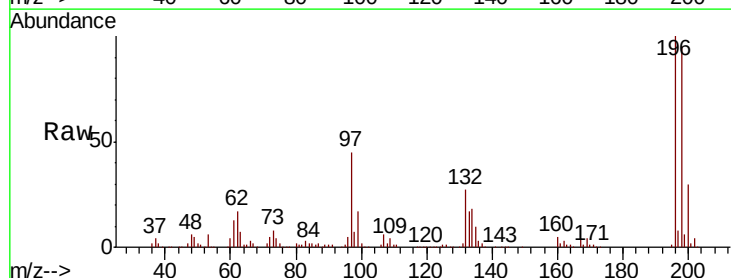
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

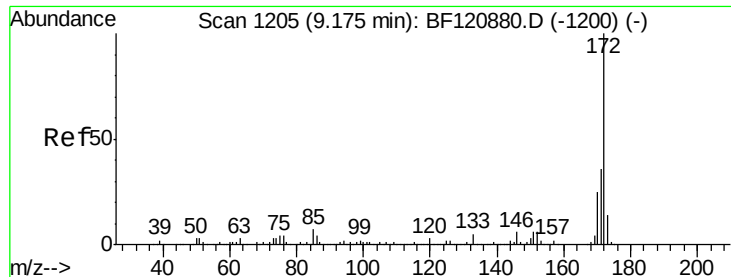
Tot Ion:196 Resp: 202692
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.5 116.3
 200 30.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.485 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:196 Resp: 234652
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.2 114.4
 97 45.1 37.3 55.9
 132 26.6 22.0 33.0

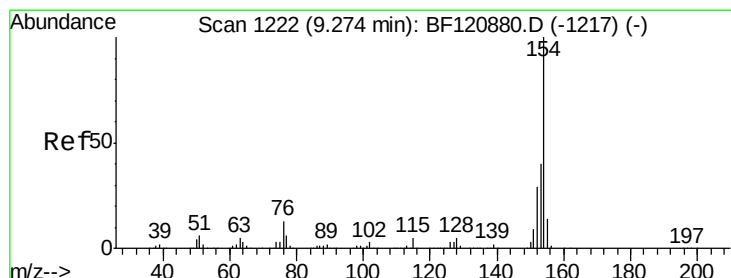
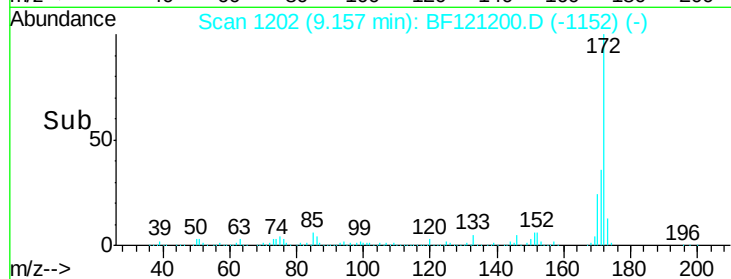
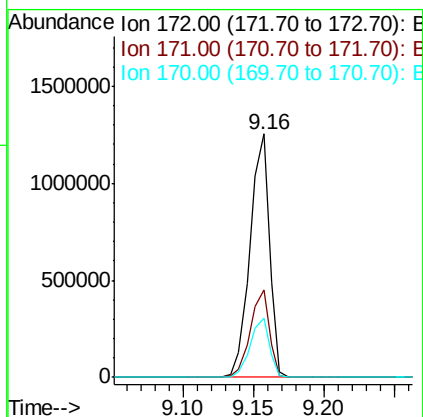
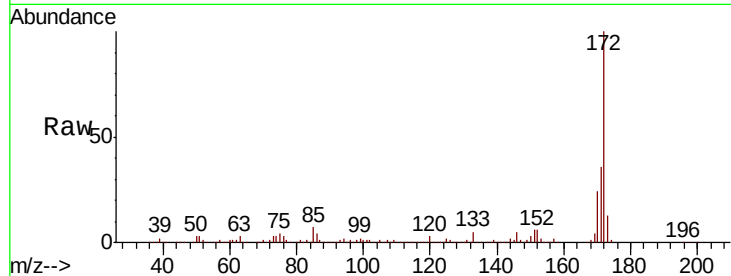




#45
 2-Fluorobiphenyl
 Concen: 72.956 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

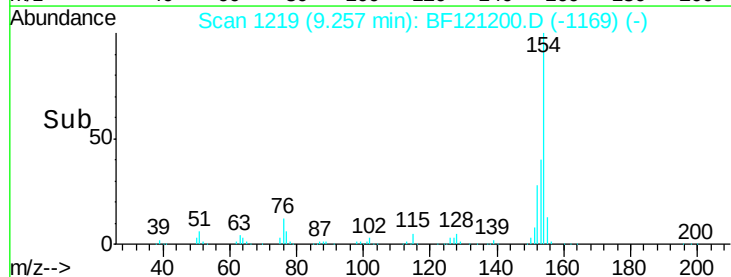
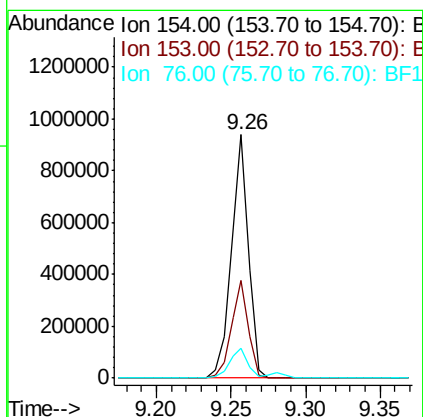
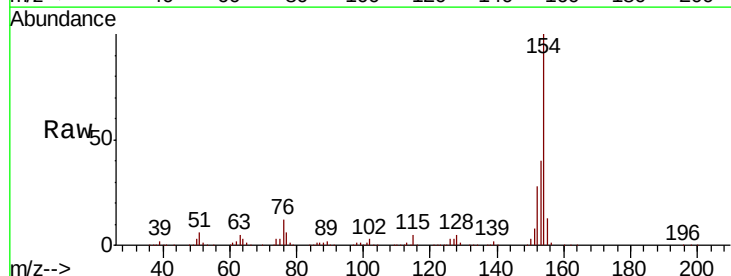
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

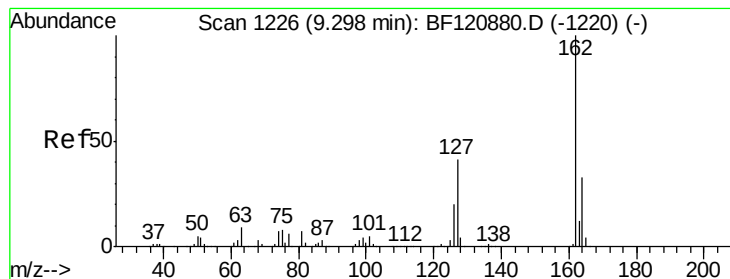
Tot Ion:172 Resp: 1217090
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 24.1 19.6 29.4



#46
 1,1'-Biphenyl
 Concen: 40.281 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:154 Resp: 765332
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.6 60.6
 76 12.3 0.0 33.4





#47

2-Chloronaphthalene

Concen: 39.883 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

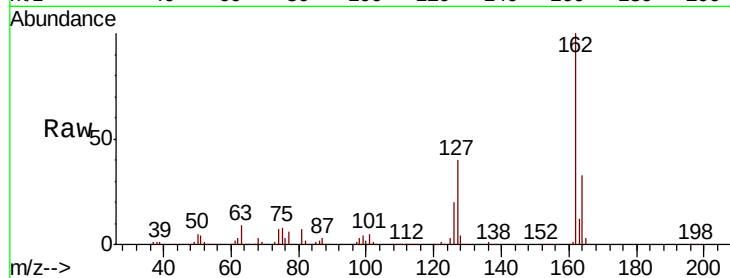
Tot Ion:162 Resp: 617809

Ion Ratio Lower Upper

162 100

127 40.3 31.1 46.7

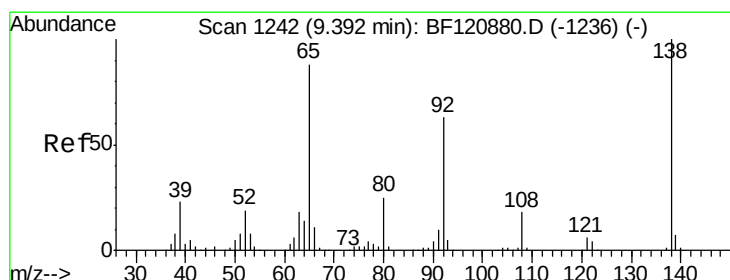
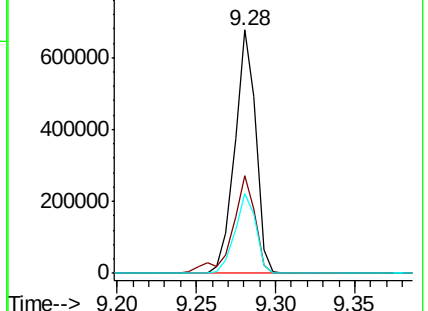
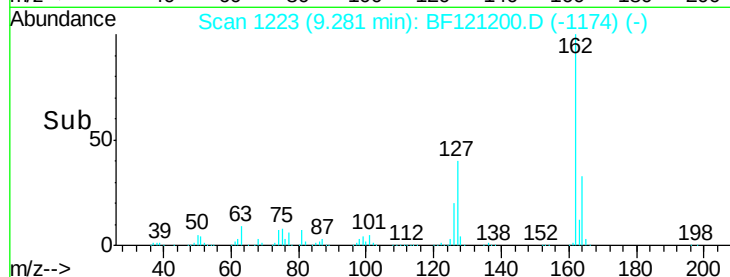
164 32.8 26.6 40.0



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: 43.907 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

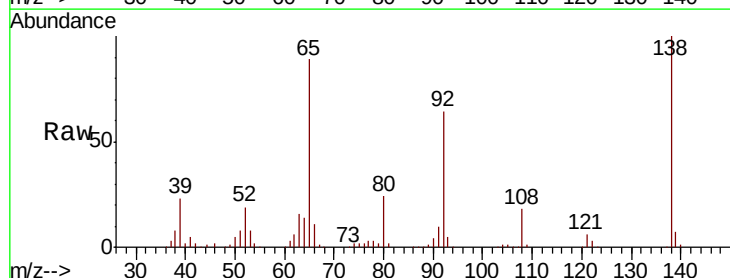
Tgt Ion: 65 Resp: 205541

Ion Ratio Lower Upper

65 100

92 72.0 58.0 87.0

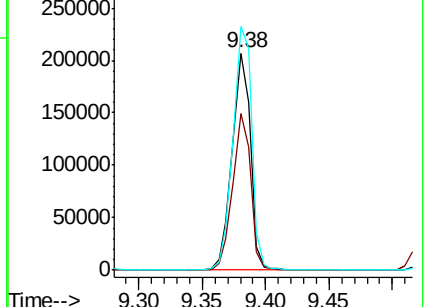
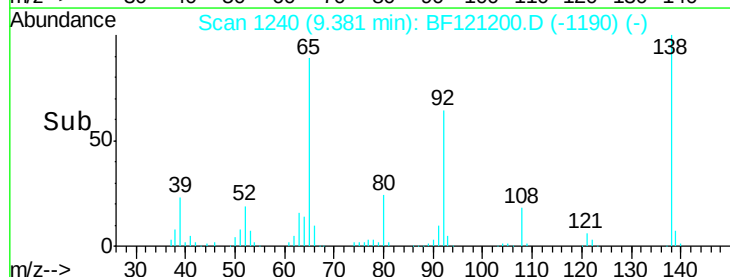
138 112.2 93.3 139.9

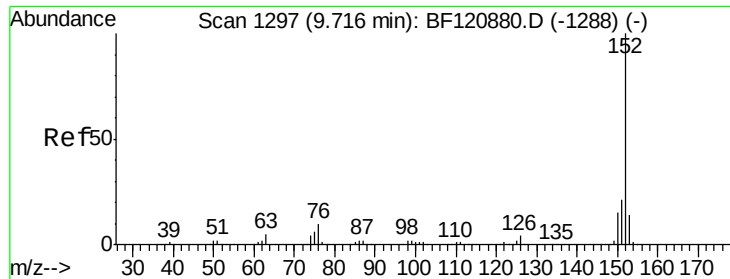


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.119 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

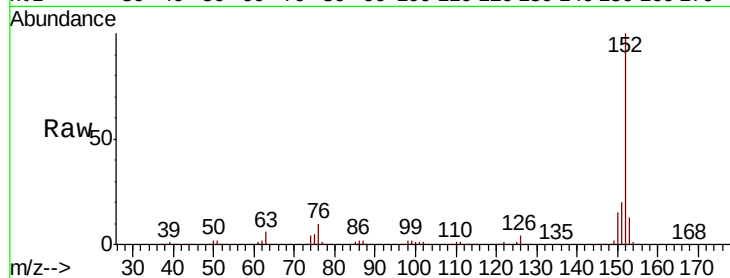
Tot Ion:152 Resp: 965463

Ion Ratio Lower Upper

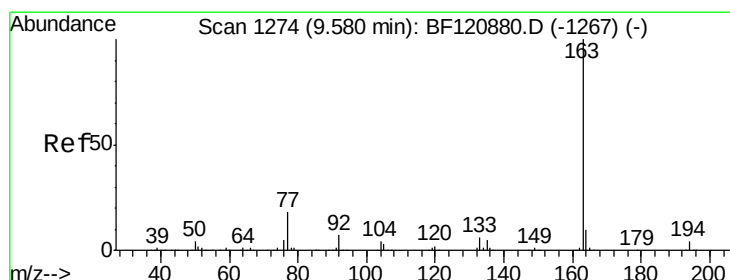
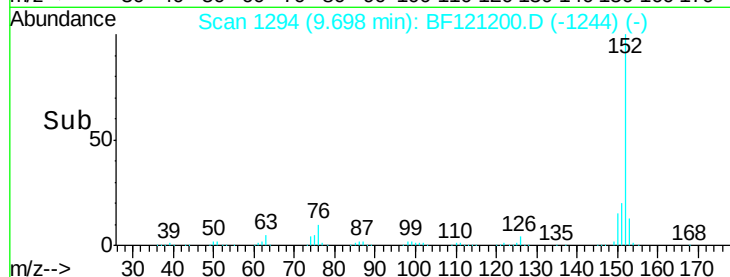
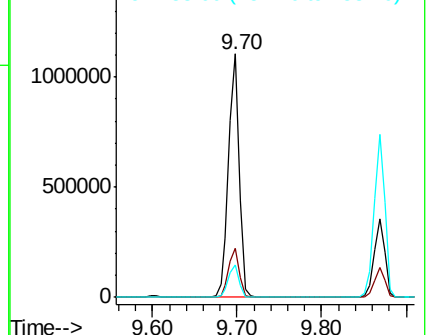
152 100

151 20.3 16.6 25.0

153 13.3 11.0 16.4



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: 41.784 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

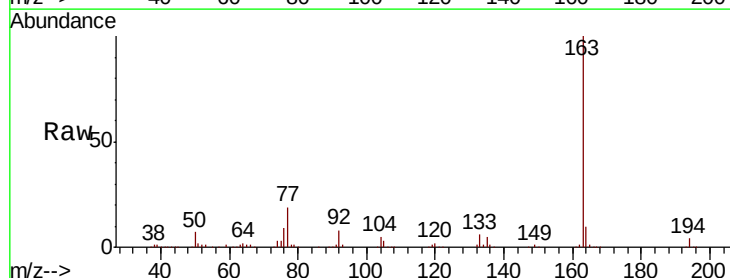
Tgt Ion:163 Resp: 750830

Ion Ratio Lower Upper

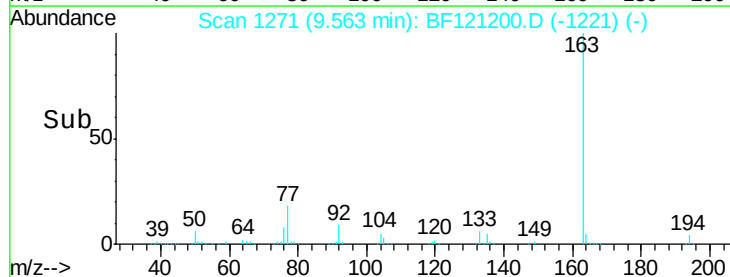
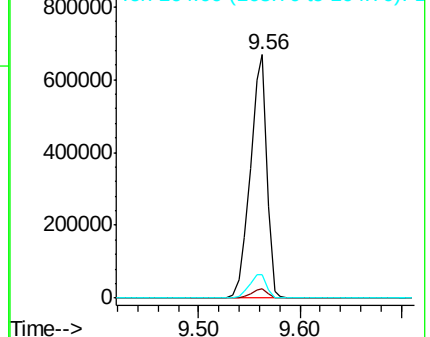
163 100

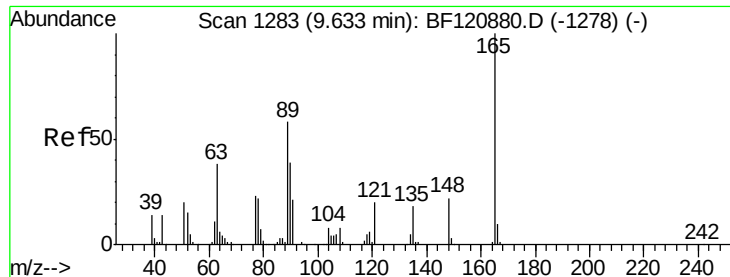
194 3.8 3.0 4.4

164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.551 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

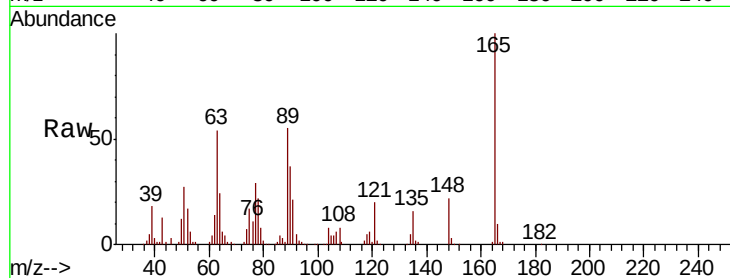
Tot Ion:165 Resp: 168129

Ion Ratio Lower Upper

165 100

63 53.8 41.1 61.7

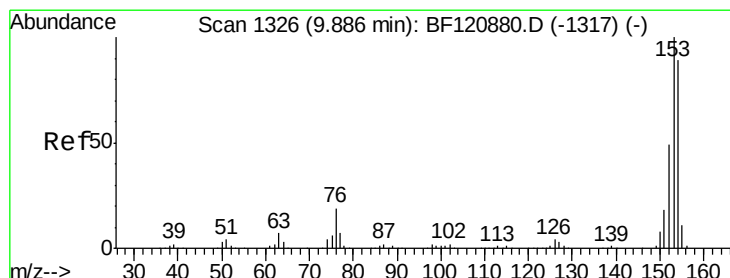
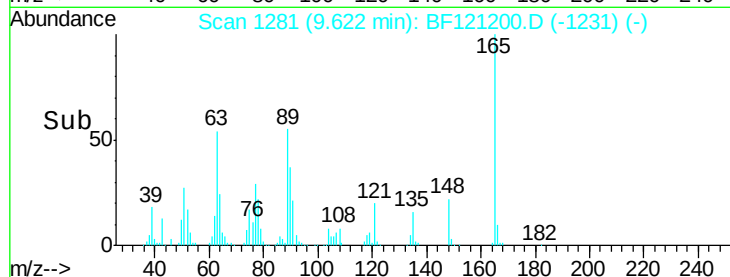
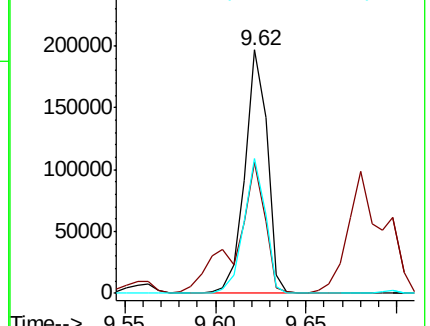
89 55.4 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.281 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

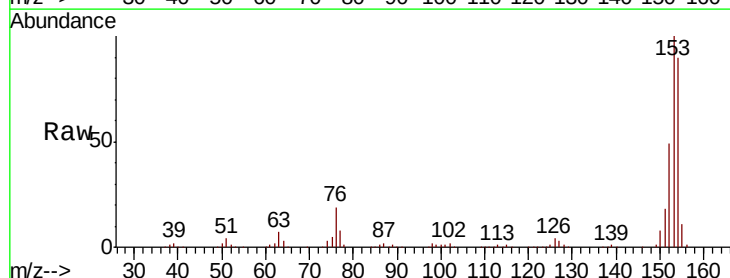
Tgt Ion:154 Resp: 570393

Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

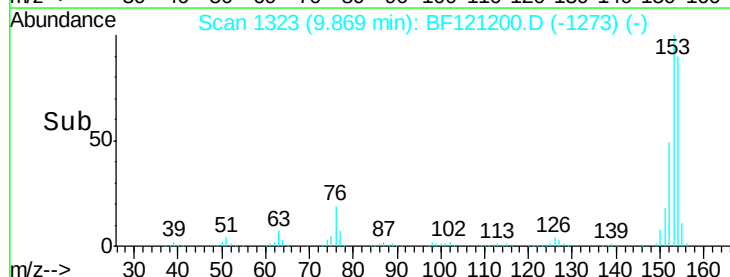
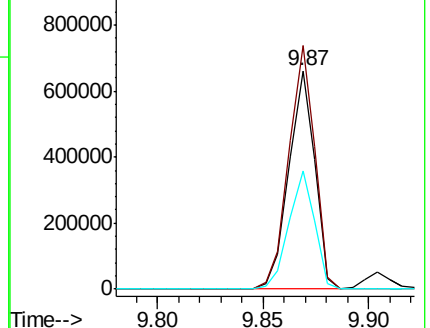
152 54.2 43.8 65.6

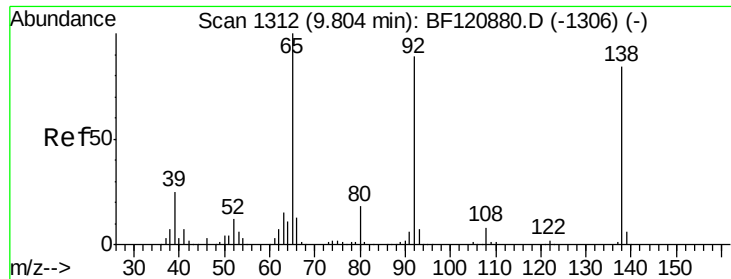


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

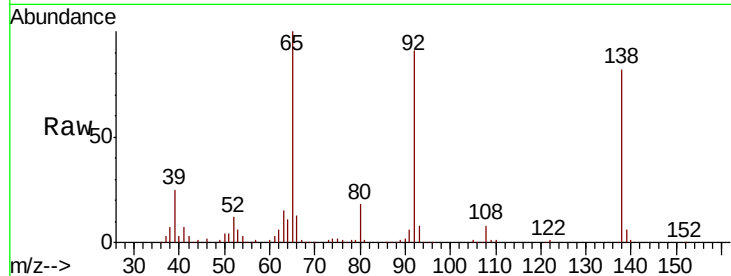




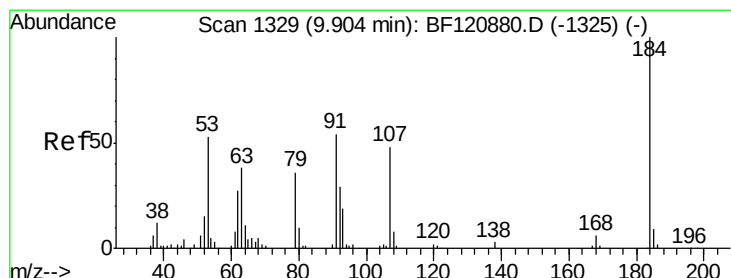
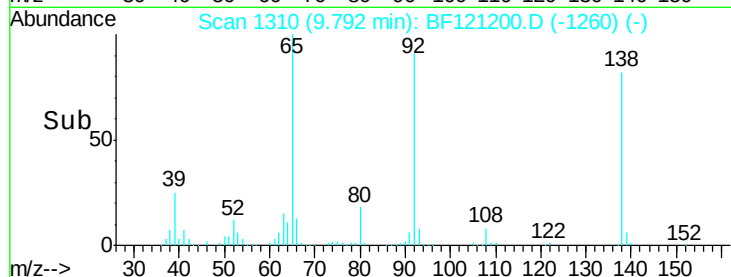
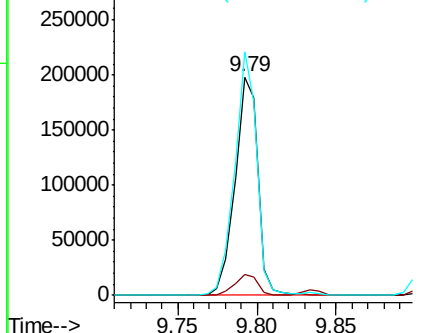
#53
 3-Nitroaniline
 Concen: 40.762 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:138 Resp: 197361
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.8 11.8
 92 111.4 85.0 127.4

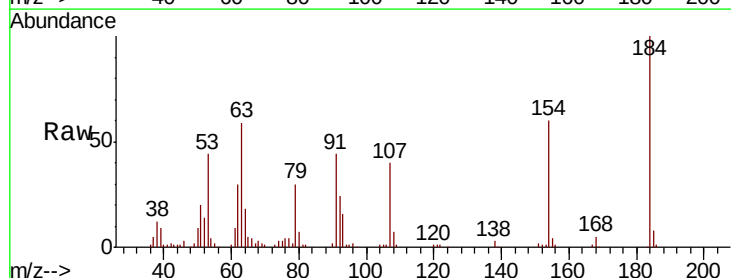


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

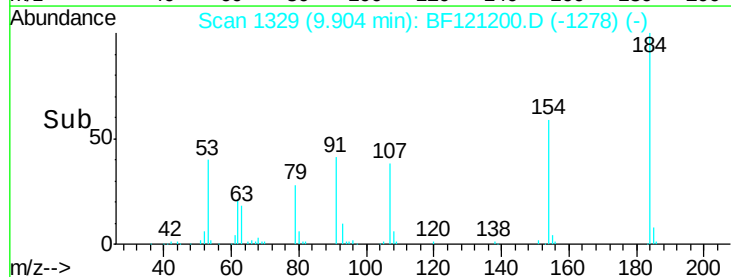
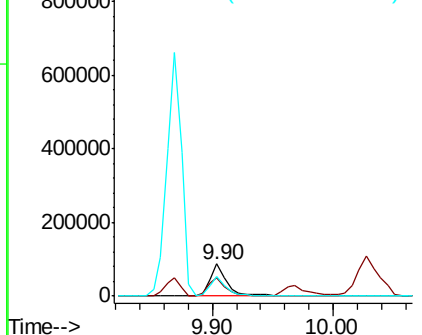


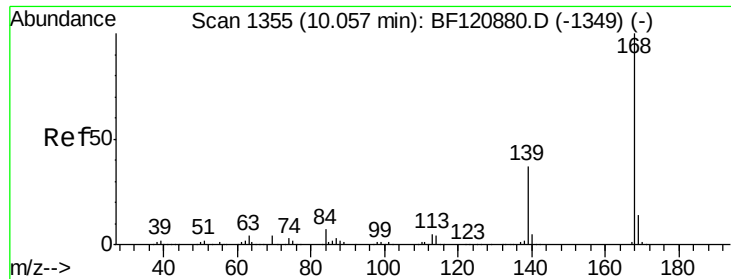
#54
 2,4-Dinitrophenol
 Concen: 42.900 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:184 Resp: 87631
 Ion Ratio Lower Upper
 184 100
 63 58.7 42.5 63.7
 154 59.8 46.8 70.2



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

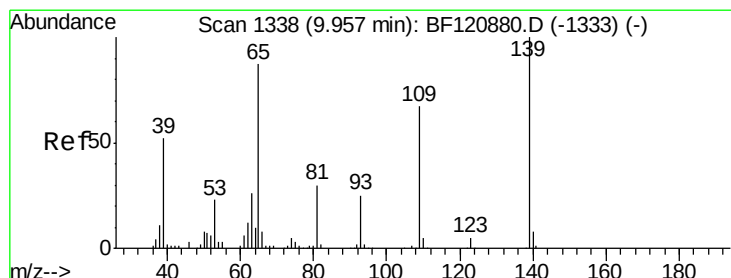
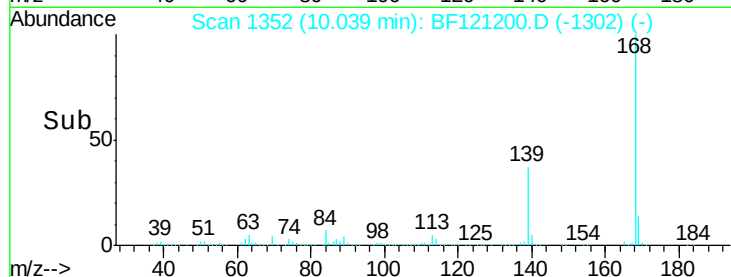
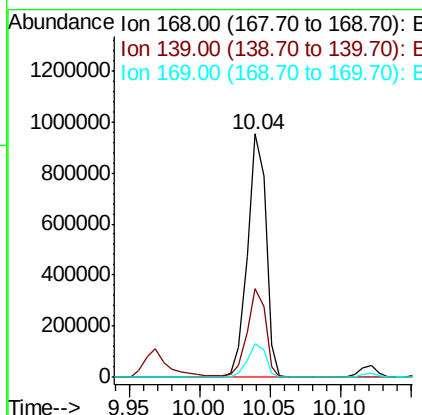
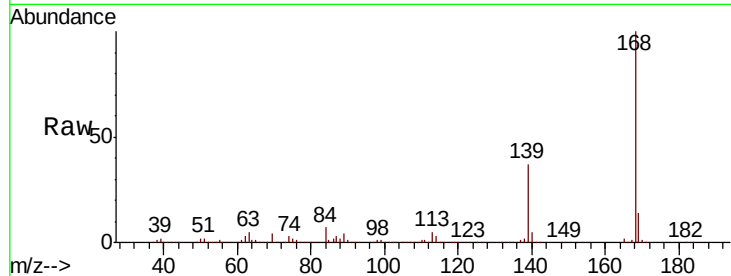




#55
Dibenzofuran
Concen: 39.720 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

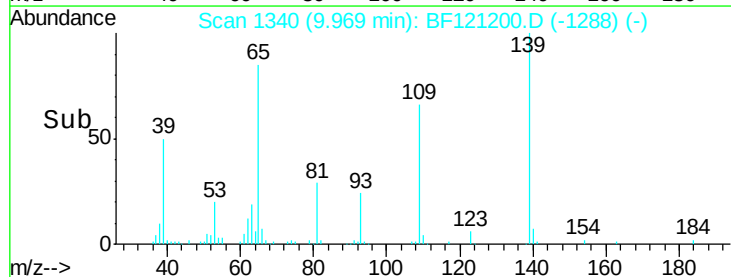
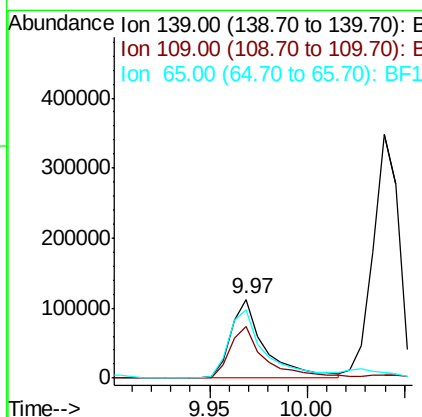
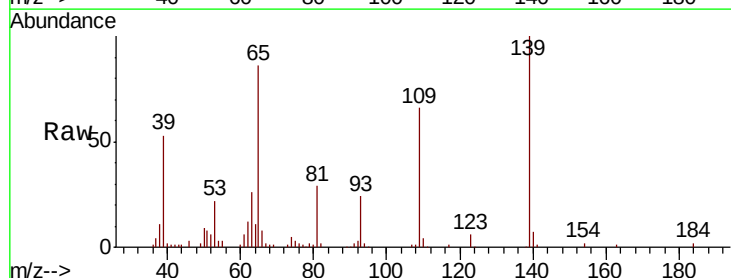
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

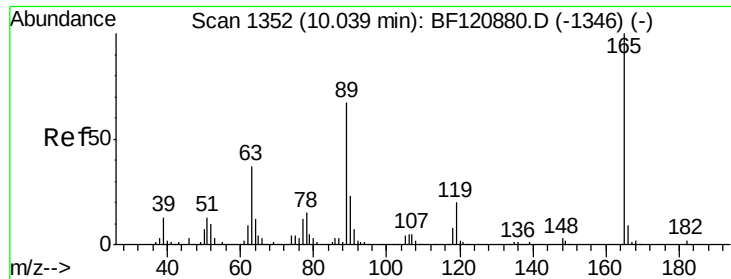
Tot Ion:168 Resp: 878796
Ion Ratio Lower Upper
168 100
139 36.5 30.1 45.1
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 37.298 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:139 Resp: 137181
Ion Ratio Lower Upper
139 100
109 66.3 44.8 84.8
65 86.0 65.6 105.6





#57

2,4-Dinitrotoluene

Concen: 43.353 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 219788

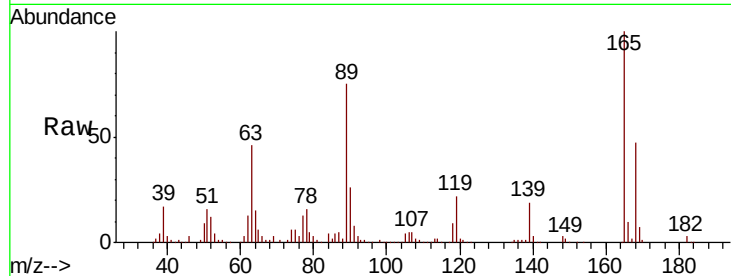
Ion Ratio Lower Upper

165 100

63 45.7 29.8 44.8#

89 74.6 50.3 75.5

182 2.6 2.1 3.1

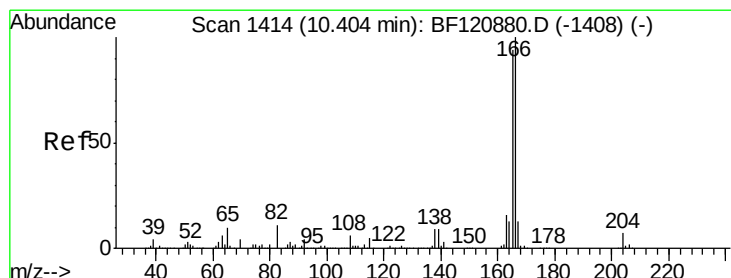
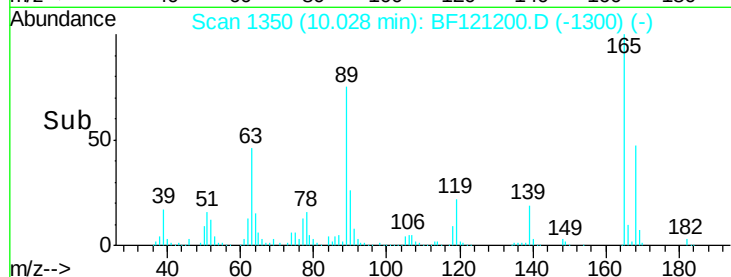
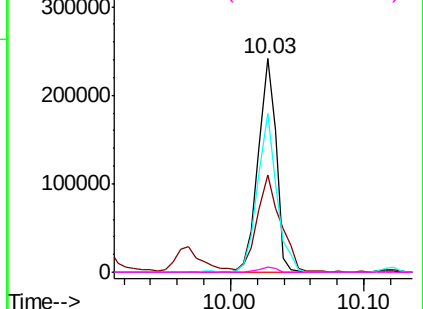


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.420 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

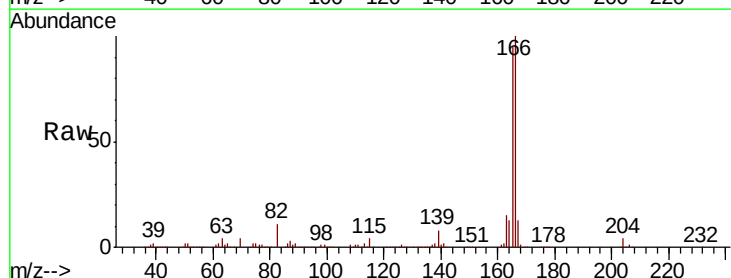
Tgt Ion:166 Resp: 666980

Ion Ratio Lower Upper

166 100

165 94.8 76.4 114.6

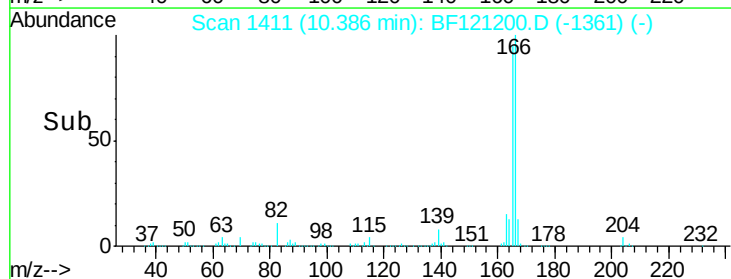
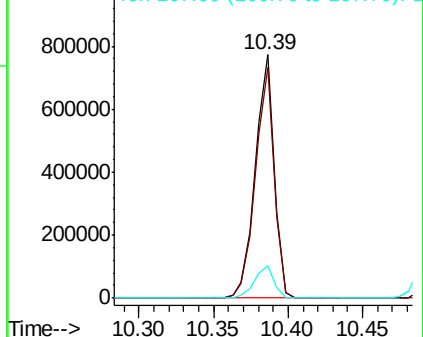
167 13.4 10.7 16.1

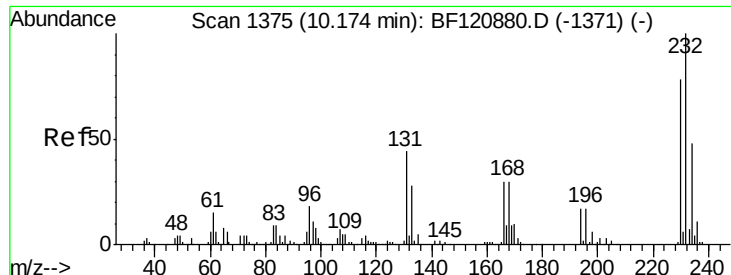


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

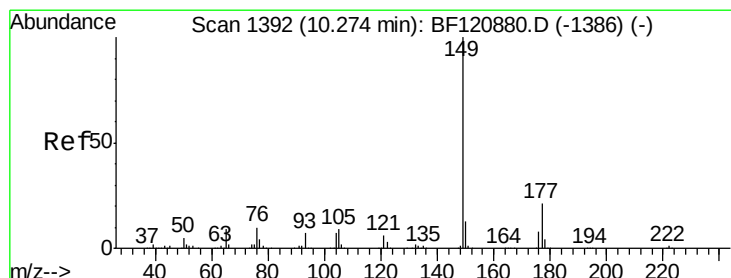
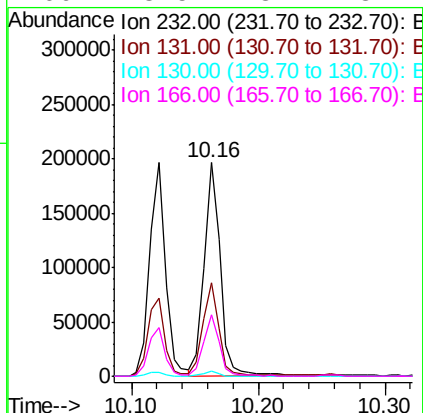
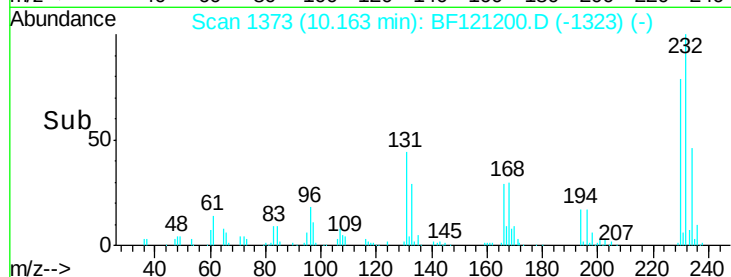
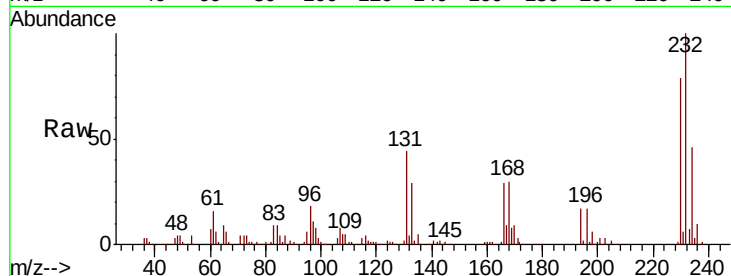




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.366 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

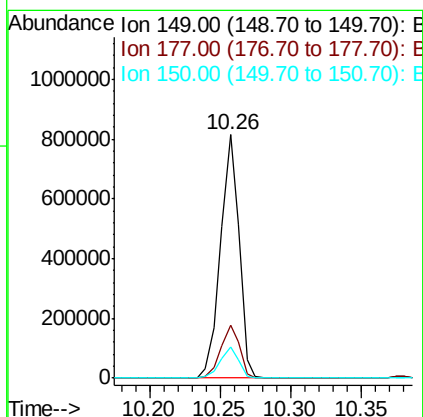
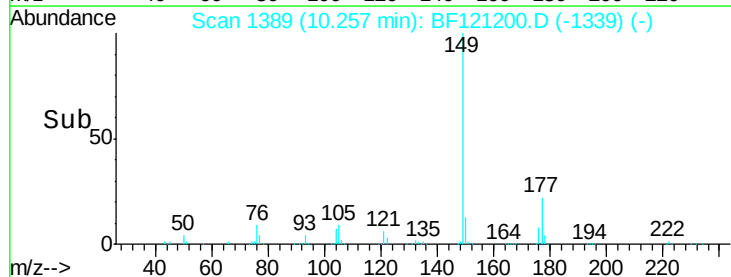
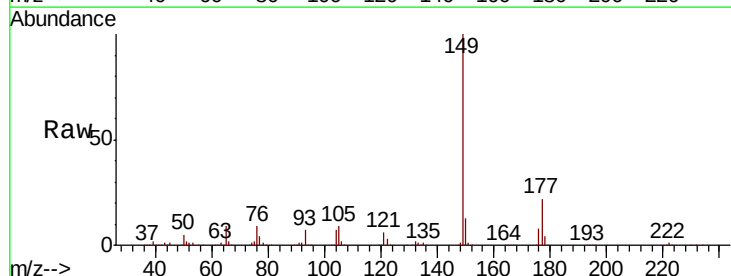
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

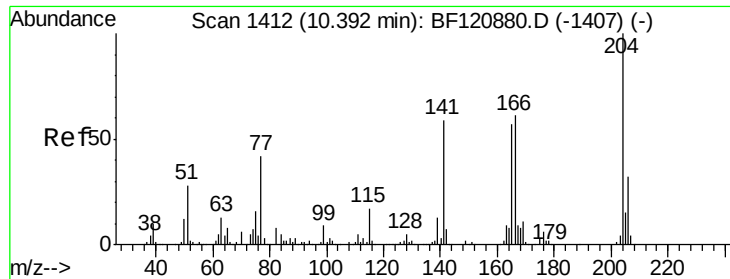
Tot Ion:232	Resp:	173719
Ion	Ratio	Lower Upper
232	100	
131	43.4	34.2 51.2
130	2.2	1.7 2.5
166	28.5	23.1 34.7



#60
 Diethylphthalate
 Concen: 40.996 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:149	Resp:	745127
Ion	Ratio	Lower Upper
149	100	
177	22.0	17.6 26.4
150	12.8	10.2 15.4

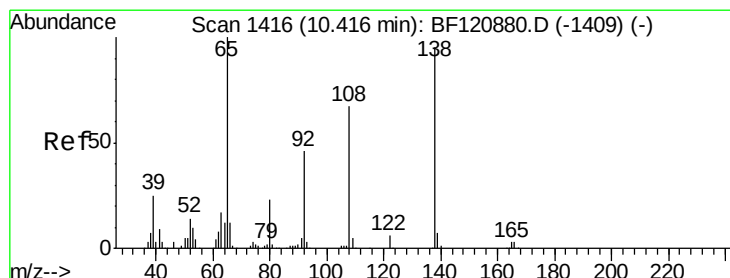
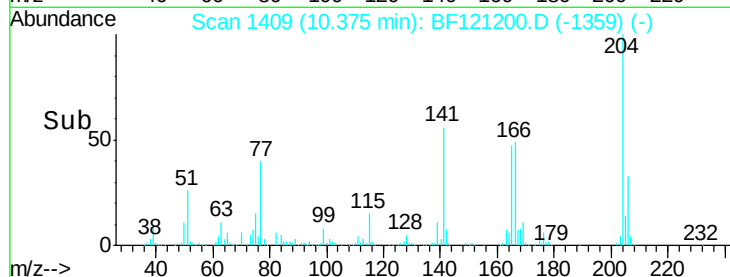
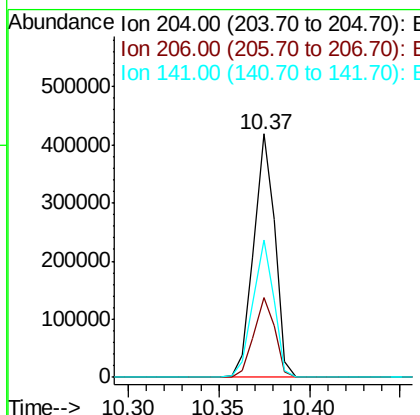
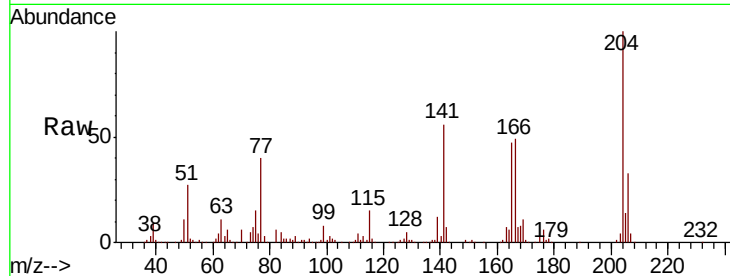




#61
4-Chlorophenyl-phenylether
Concen: 38.852 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

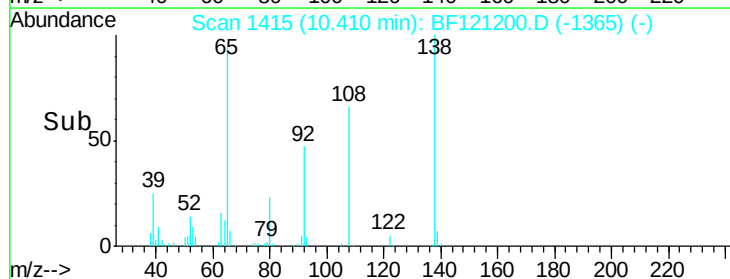
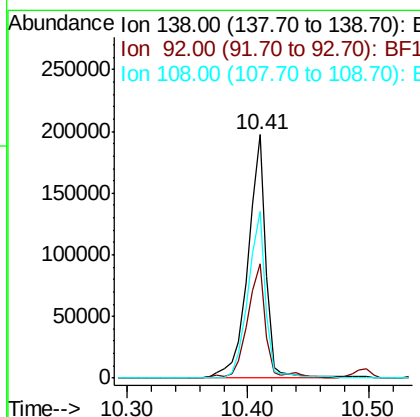
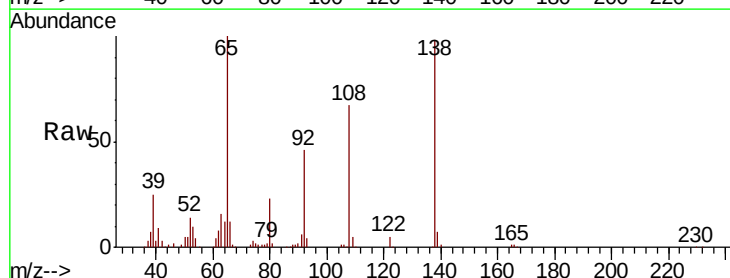
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

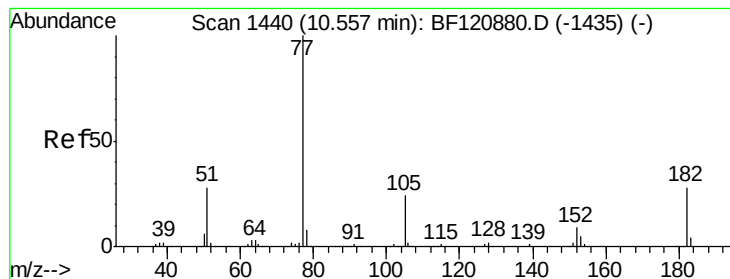
Tot Ion:204 Resp: 341948
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 56.3 46.9 70.3



#62
4-Nitroaniline
Concen: 43.429 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:138 Resp: 204830
Ion Ratio Lower Upper
138 100
92 46.9 25.2 65.2
108 68.6 46.7 86.7





#63

Azobenzene

Concen: 40.131 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 694396

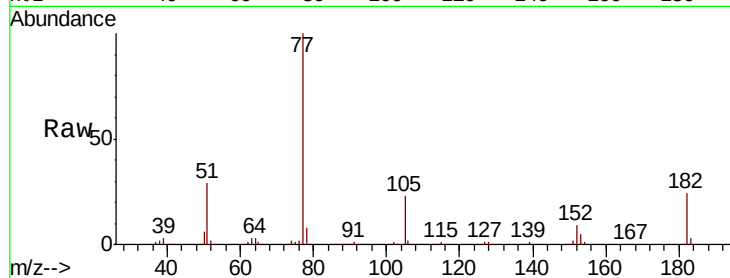
Ion Ratio Lower Upper

77 100

182 23.7 4.5 44.5

105 23.2 3.4 43.4

51 29.3 8.7 48.7

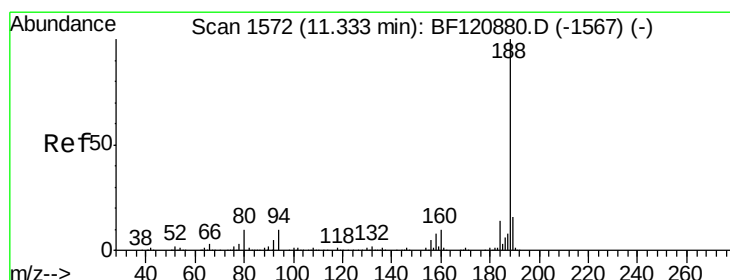
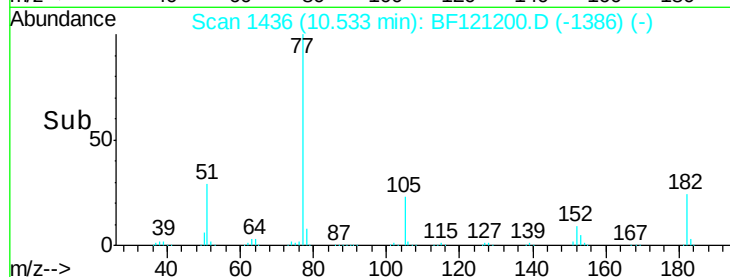
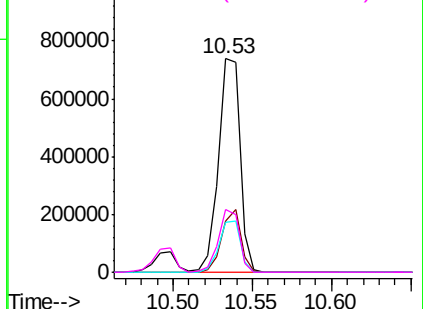


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

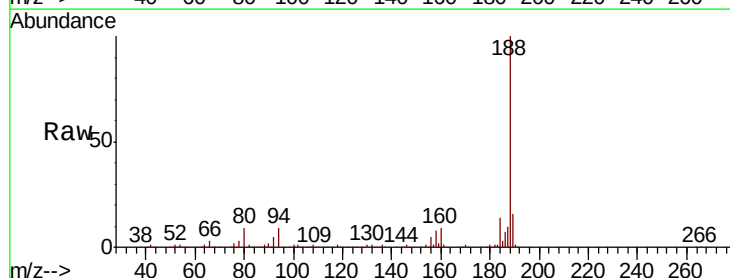
Tgt Ion: 188 Resp: 497431

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

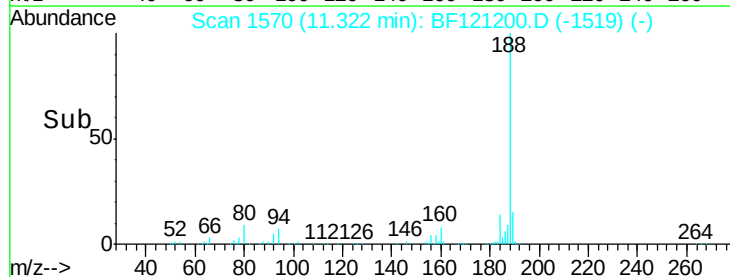
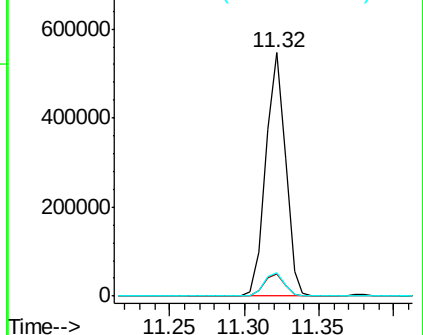
80 9.4 8.3 12.5

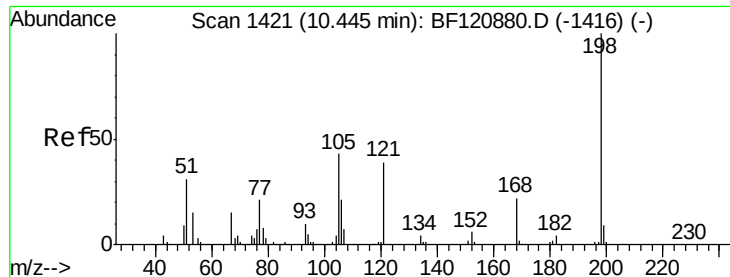


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

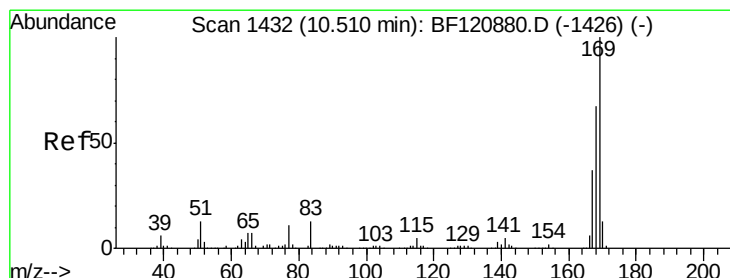
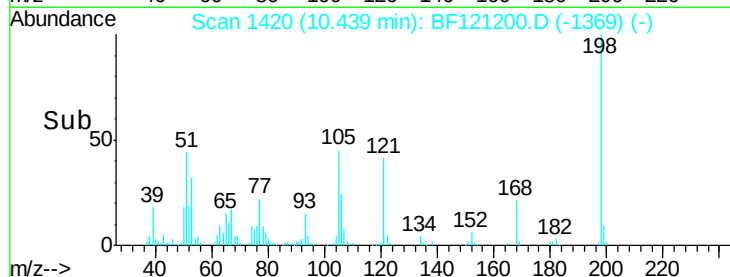
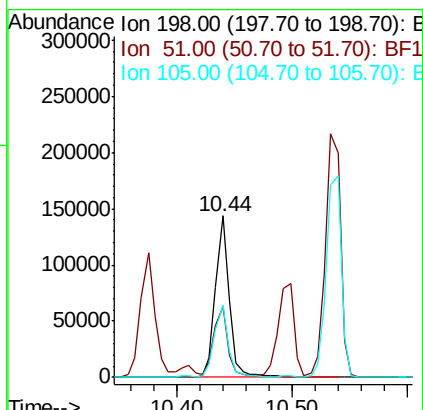
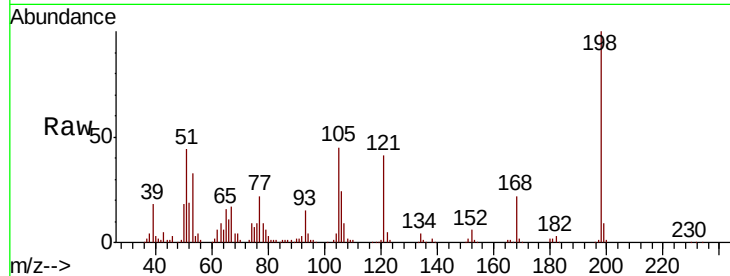




#65
4,6-Dinitro-2-methylphenol
Concen: 42.481 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

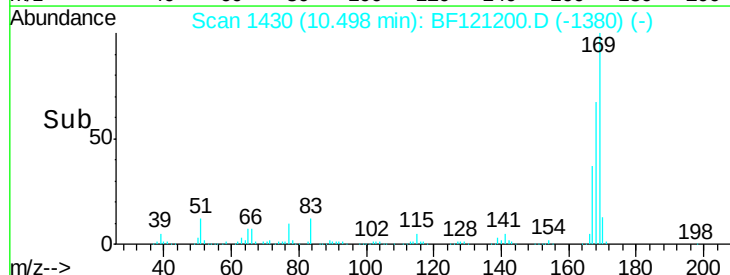
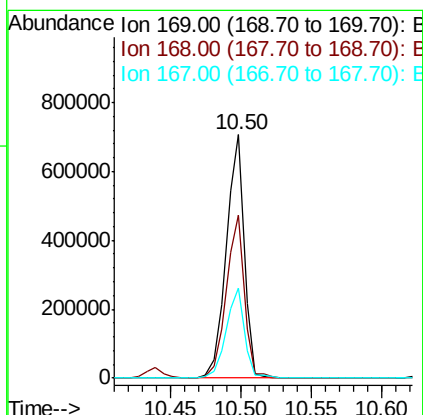
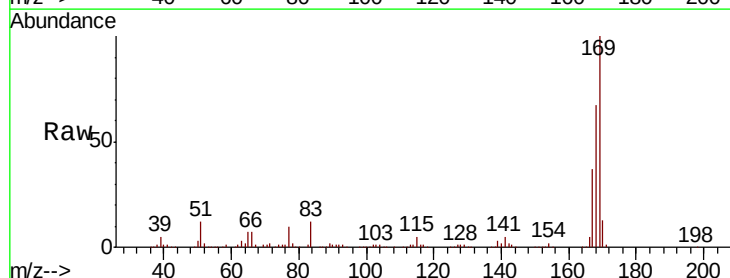
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

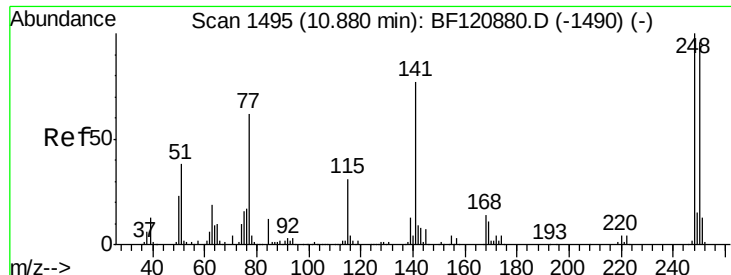
Tot Ion:198 Resp: 120917
Ion Ratio Lower Upper
198 100
51 43.8 23.4 63.4
105 44.8 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 39.718 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:169 Resp: 621519
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.8 30.0 45.0

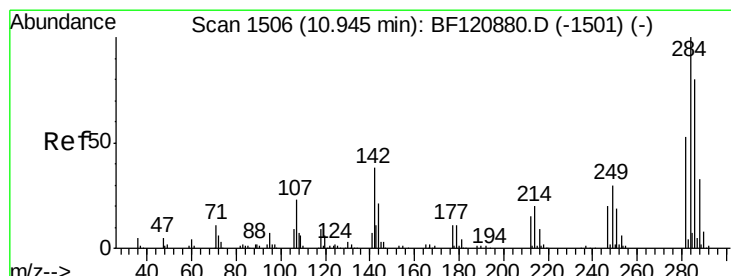
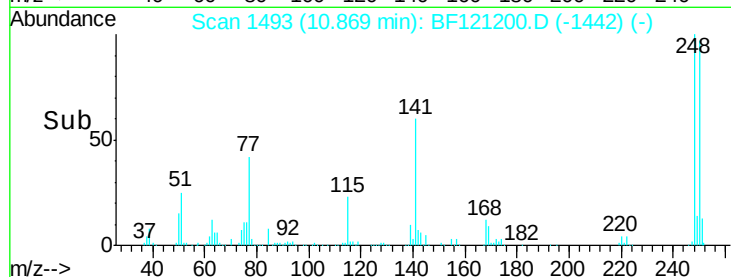
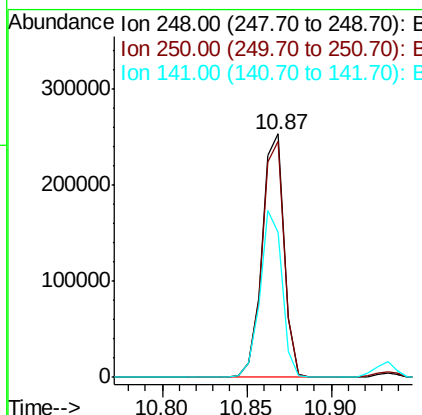
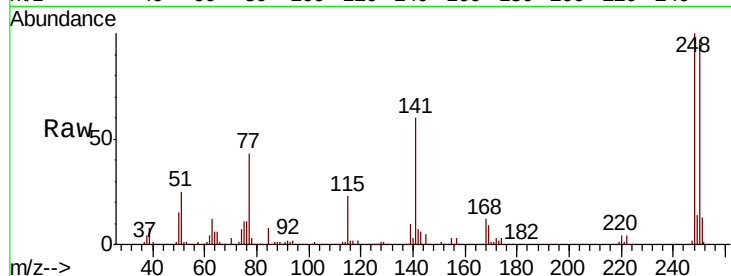




#67
 4-Bromophenyl-phenylether
 Concen: 41.472 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

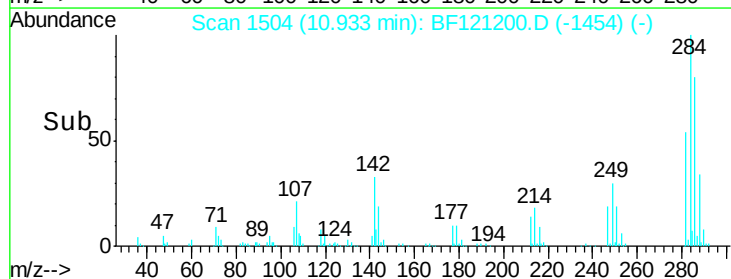
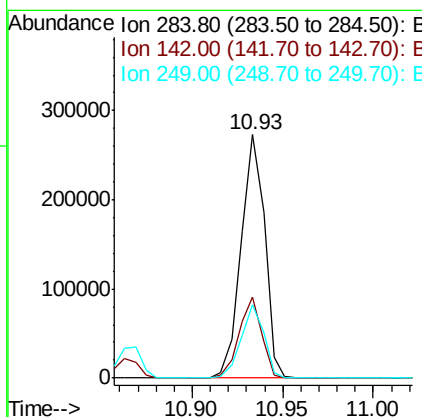
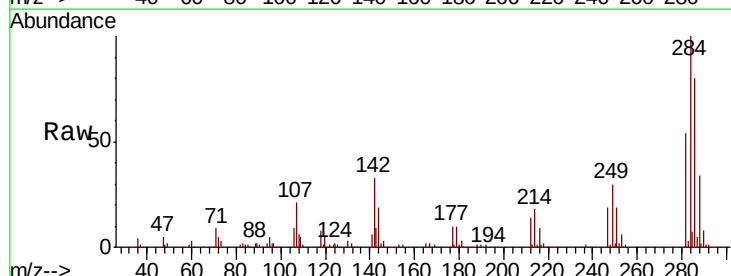
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

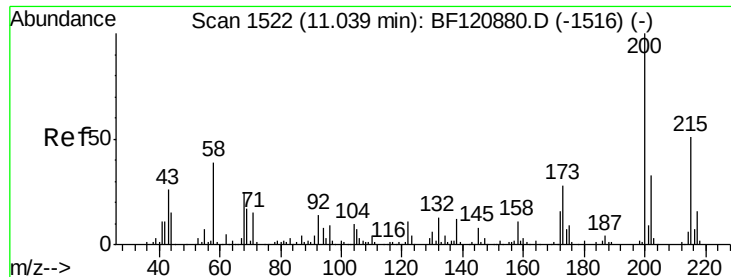
Tot Ion:248 Resp: 230000
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.0 115.6
 141 59.5 56.6 85.0



#68
 Hexachlorobenzene
 Concen: 41.144 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:284 Resp: 246834
 Ion Ratio Lower Upper
 284 100
 142 33.4 21.1 31.7#
 249 29.9 22.5 33.7

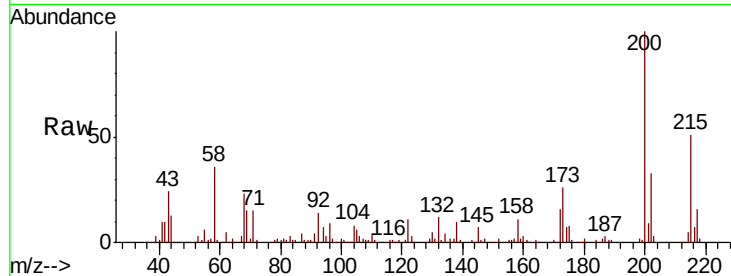




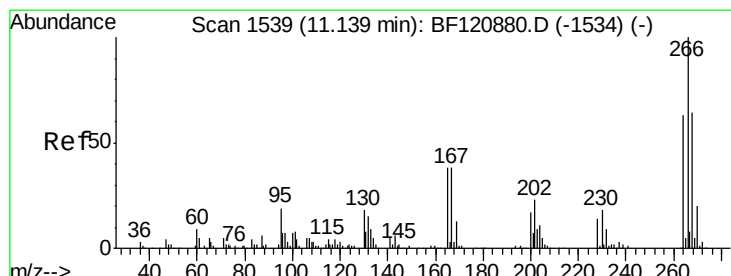
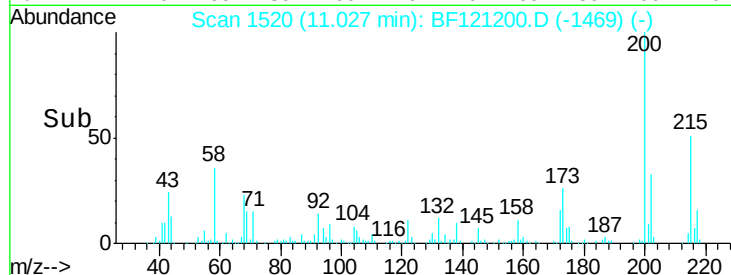
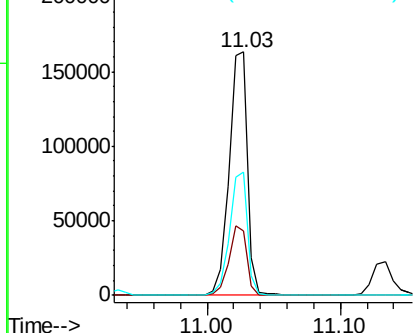
#69
Atrazine
Concen: 40.983 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:200 Resp: 158825
Ion Ratio Lower Upper
200 100
173 26.4 7.6 47.6
215 50.6 28.8 68.8

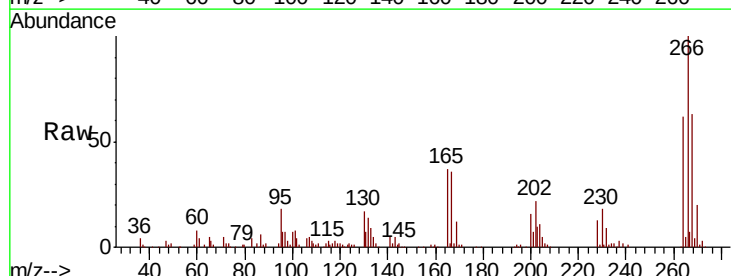


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

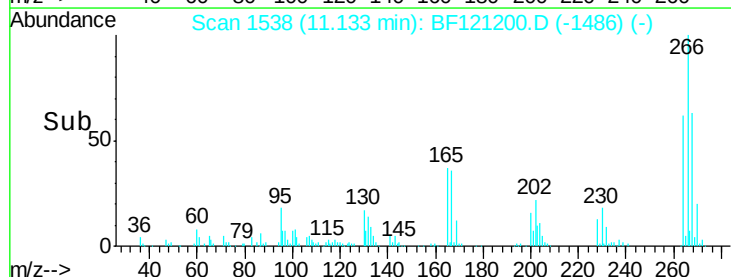
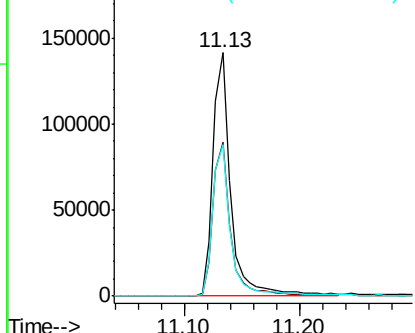


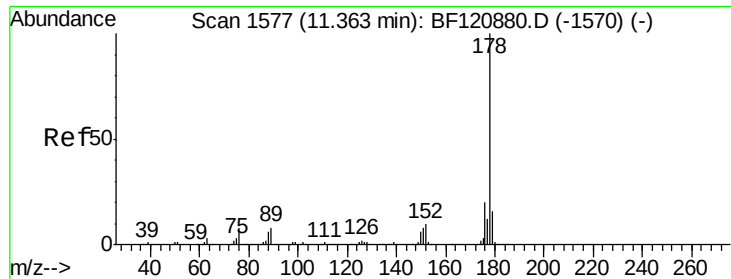
#70
Pentachlorophenol
Concen: 44.334 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:266 Resp: 152371
Ion Ratio Lower Upper
266 100
268 63.2 49.7 74.5
264 62.0 50.4 75.6



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

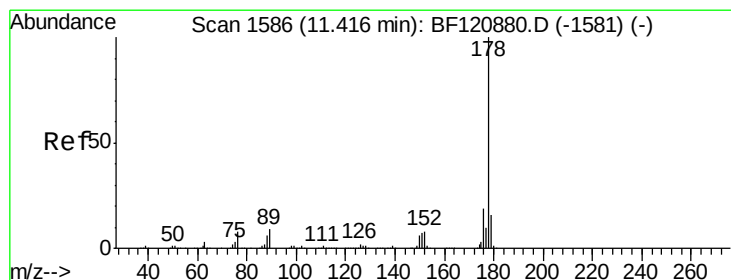
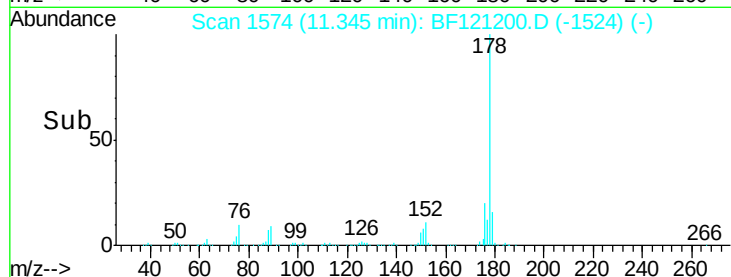
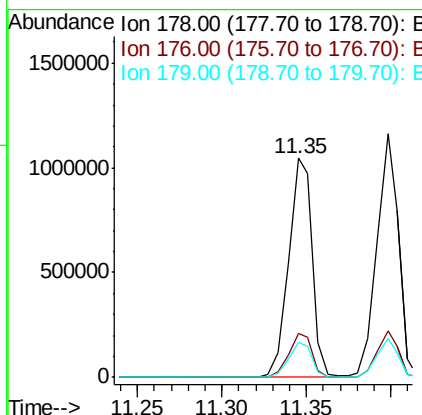
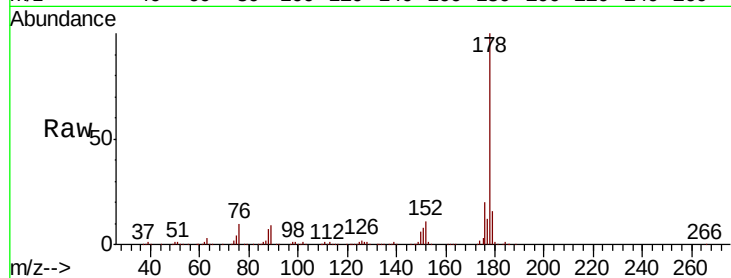




#71
Phenanthrene
Concen: 39.758 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

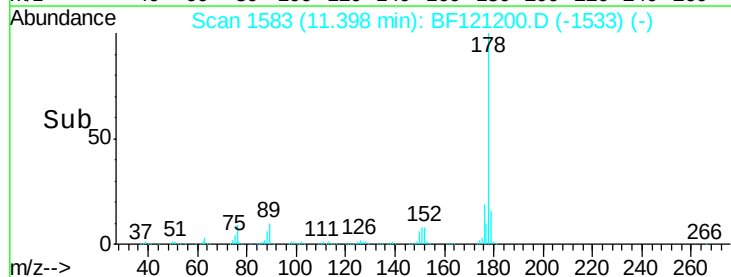
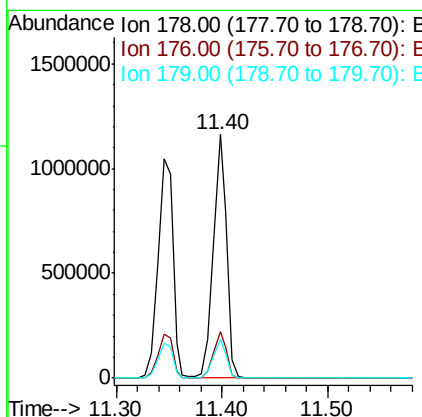
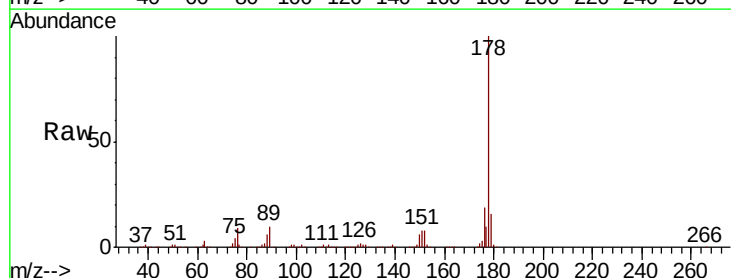
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

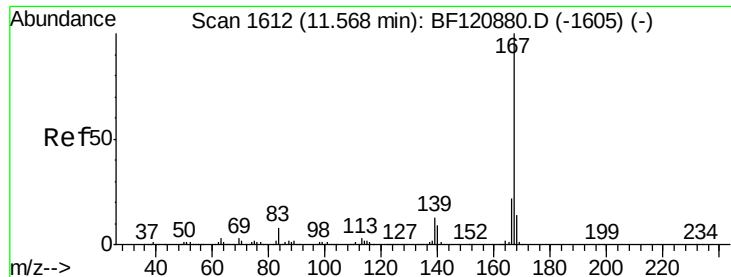
Tot Ion:178 Resp: 1017128
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 16.1 12.6 19.0



#72
Anthracene
Concen: 40.802 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:178 Resp: 1048154
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 12.6 19.0

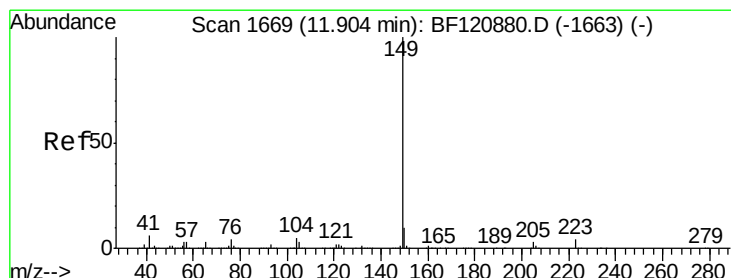
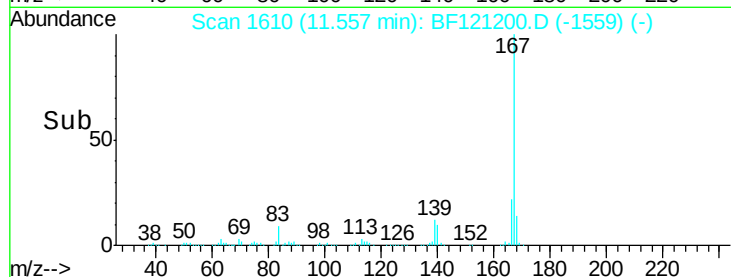
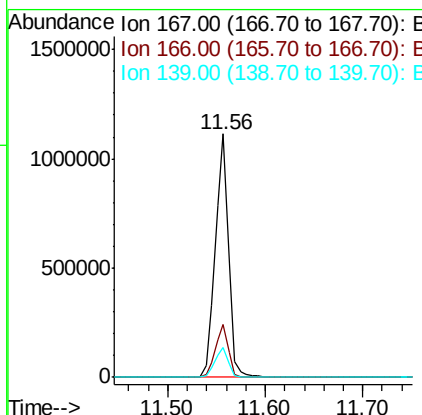
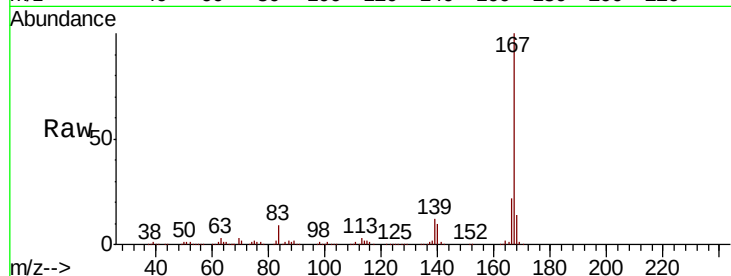




#73
 Carbazole
 Concen: 40.770 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

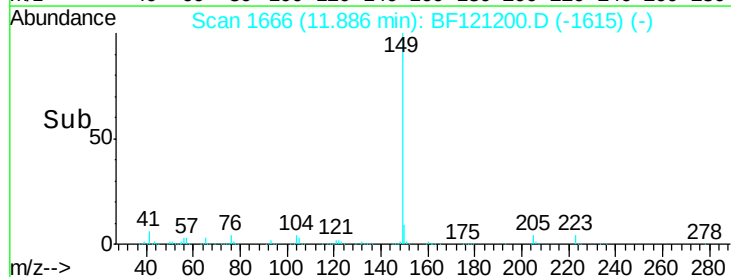
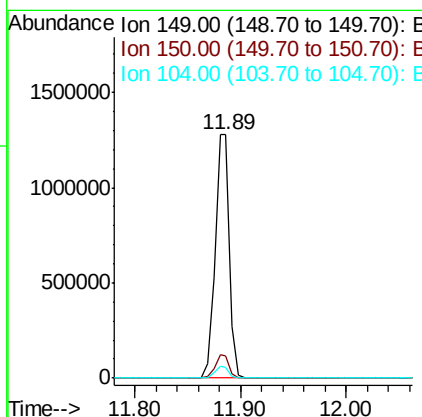
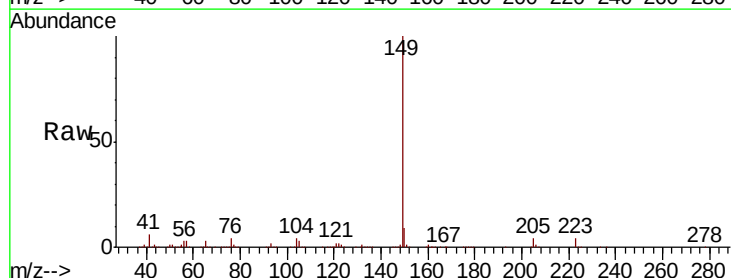
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

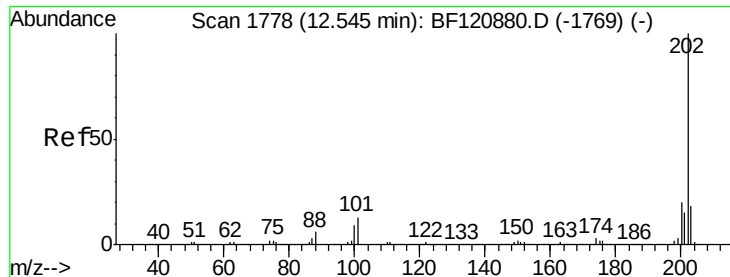
Tot Ion:167 Resp: 1039376
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.556 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:149 Resp: 1222591
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.4 3.9 5.9





#75

Fluoranthene

Concen: 41.774 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

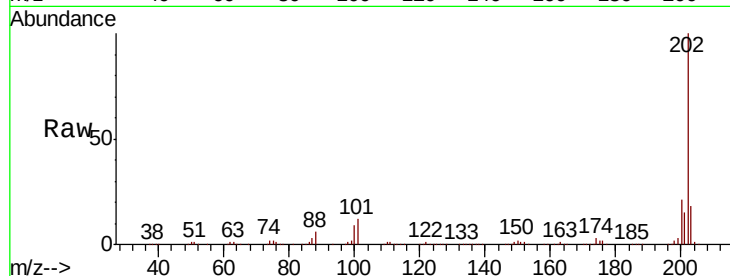
Tot Ion:202 Resp: 1184577

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.5

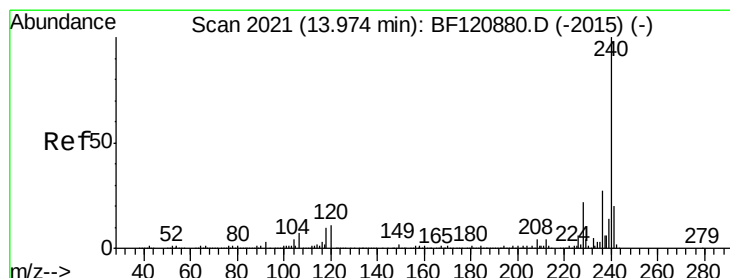
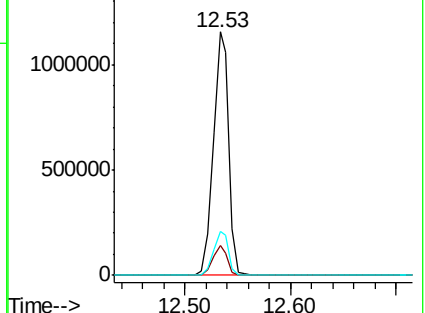
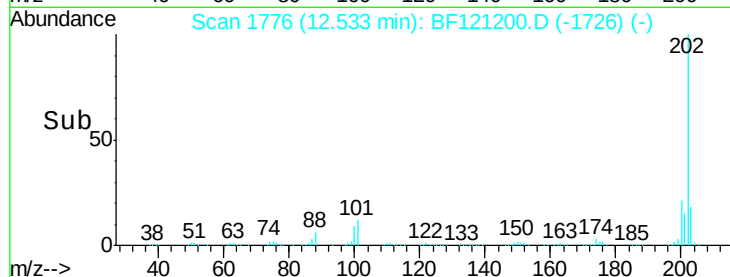
203 18.3 0.0 37.7



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: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

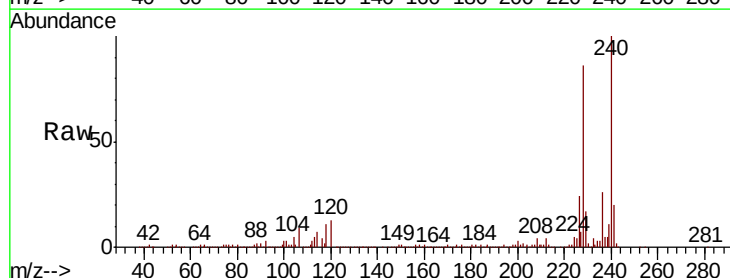
Tgt Ion:240 Resp: 435041

Ion Ratio Lower Upper

240 100

120 12.9 9.3 13.9

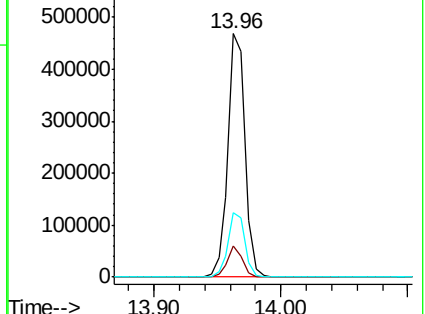
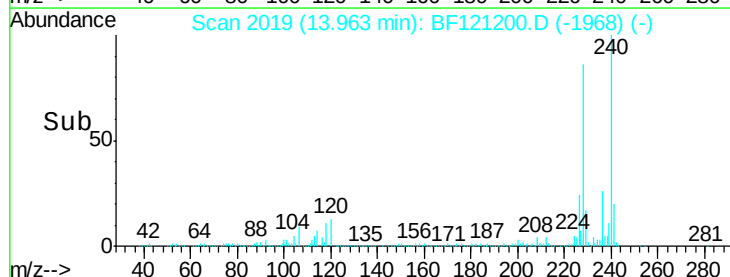
236 26.2 21.1 31.7

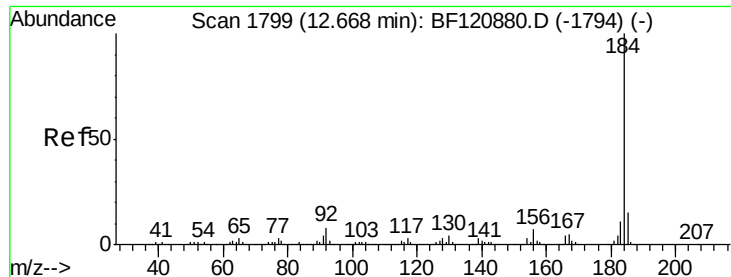


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.219 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

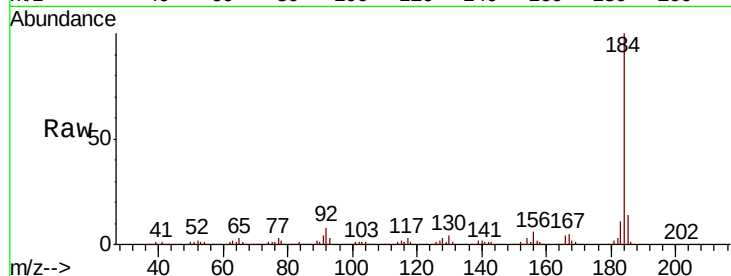
Tot Ion:184 Resp: 437144

Ion Ratio Lower Upper

184 100

185 14.3 12.1 18.1

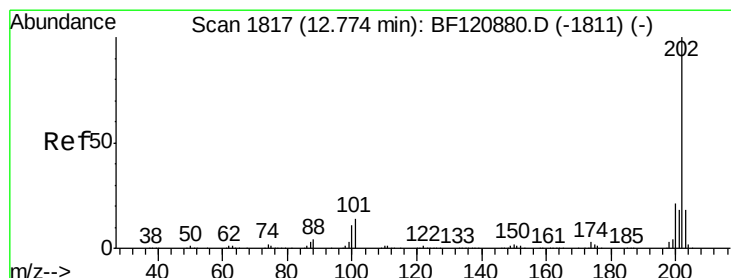
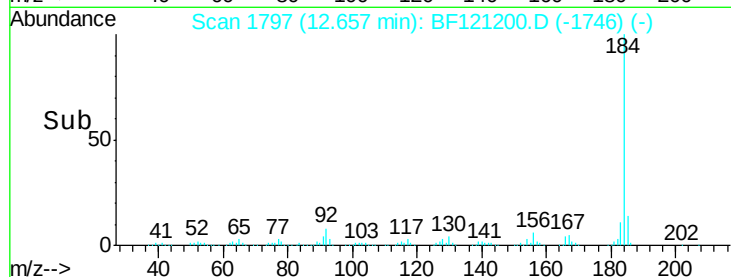
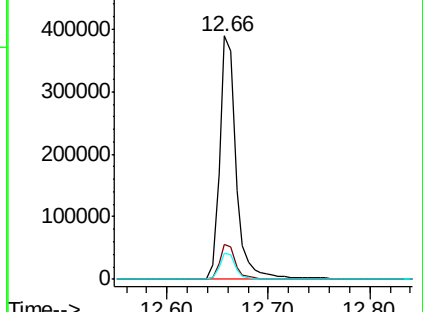
183 10.7 9.0 13.4



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: 39.863 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

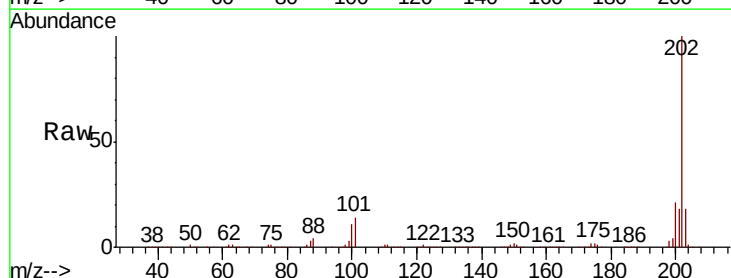
Tgt Ion:202 Resp: 1226099

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

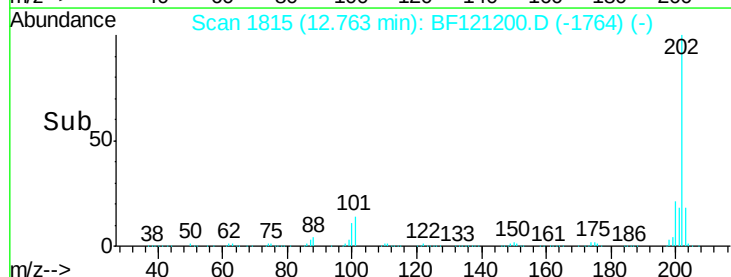
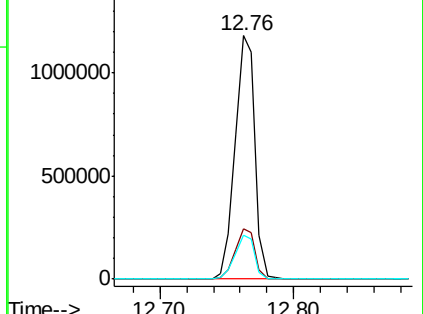
203 18.1 14.6 21.8

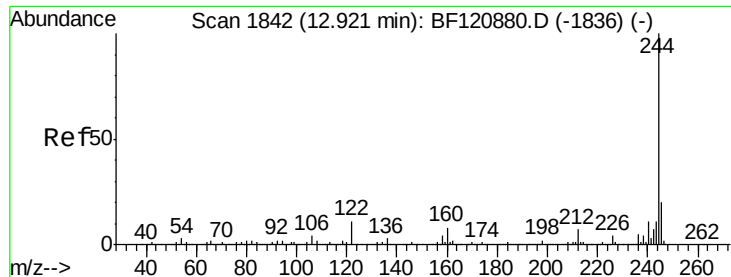


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



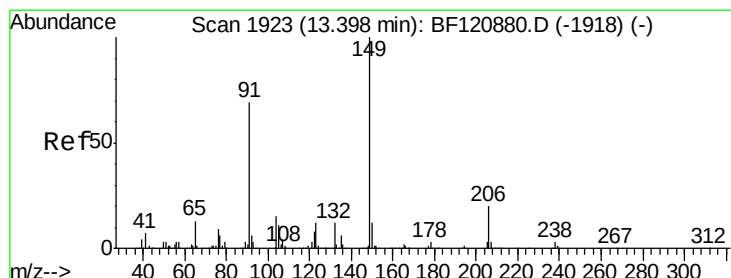
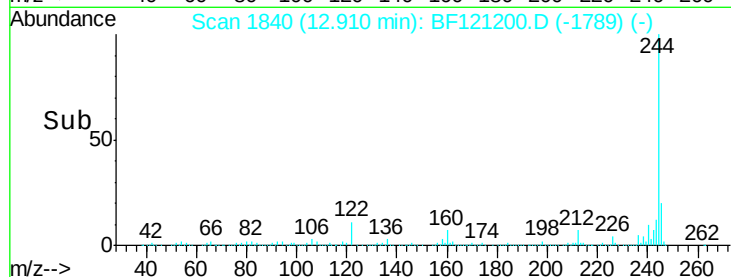
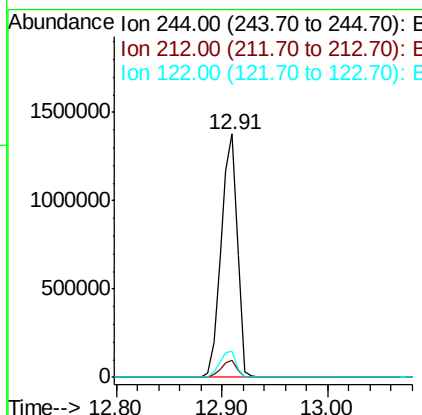
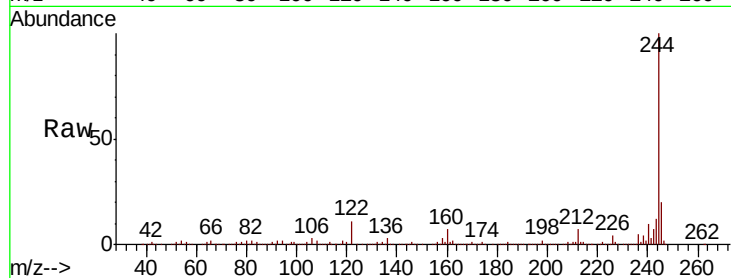


#79
 Terphenyl-d14
 Concen: 74.459 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:244 Resp: 1490157

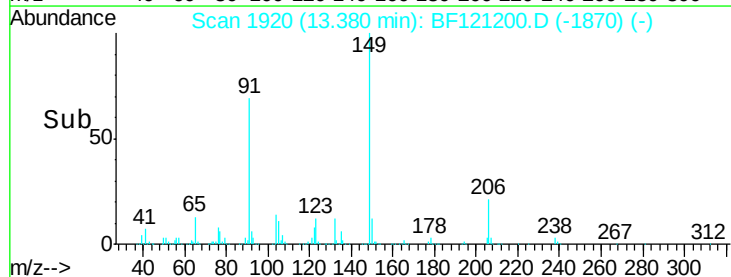
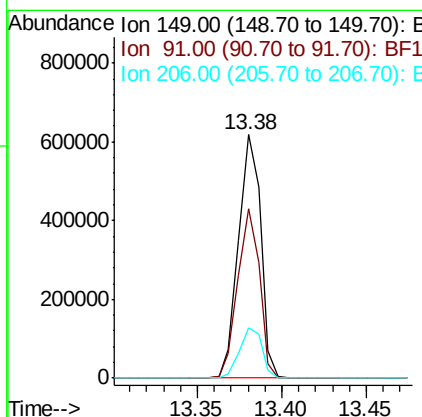
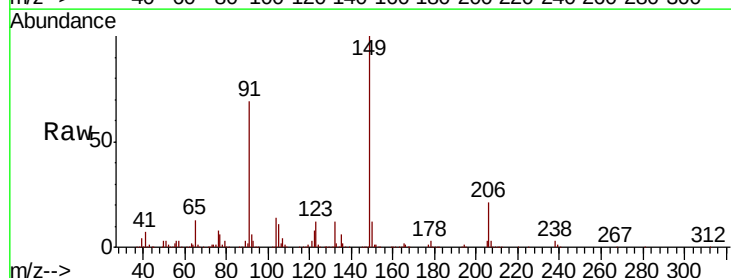
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.5	8.3	12.5

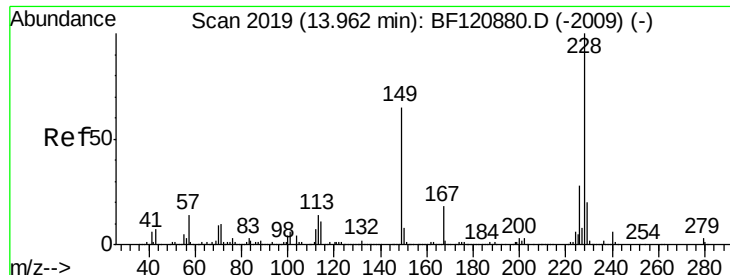


#80
 Butylbenzylphthalate
 Concen: 41.332 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:149 Resp: 566711

Ion	Ratio	Lower	Upper
149	100		
91	69.5	51.4	77.0
206	20.5	17.9	26.9





#81

Benzo(a)anthracene

Concen: 41.866 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

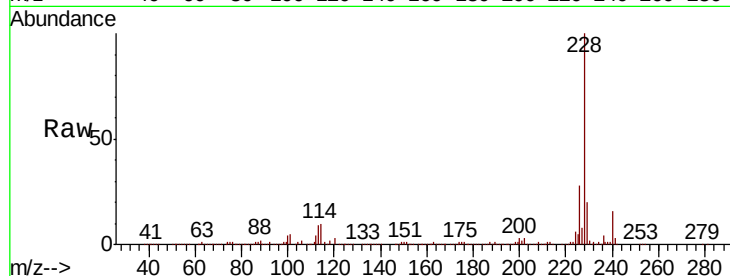
Tot Ion:228 Resp: 1102910

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

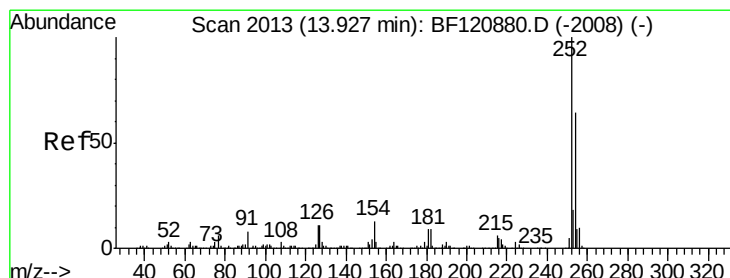
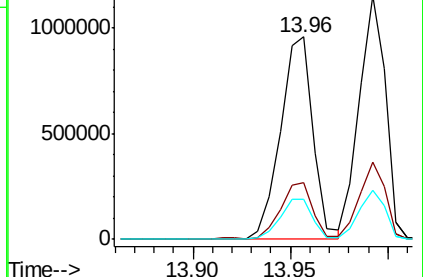
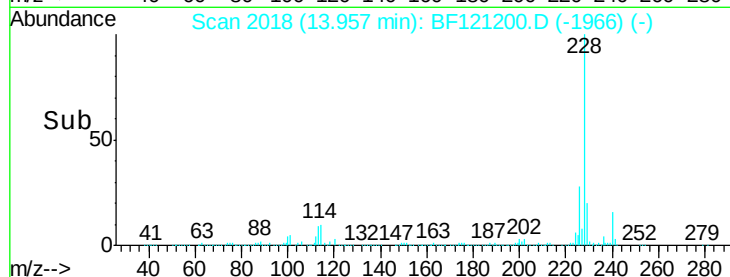
229 20.0 16.1 24.1



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: 43.138 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

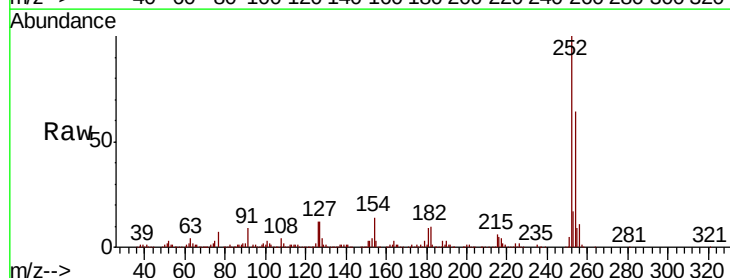
Tgt Ion:252 Resp: 428736

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

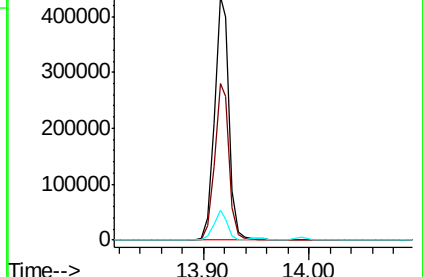
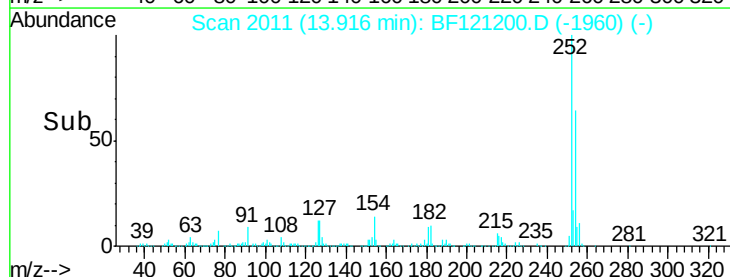
126 12.1 9.2 13.8

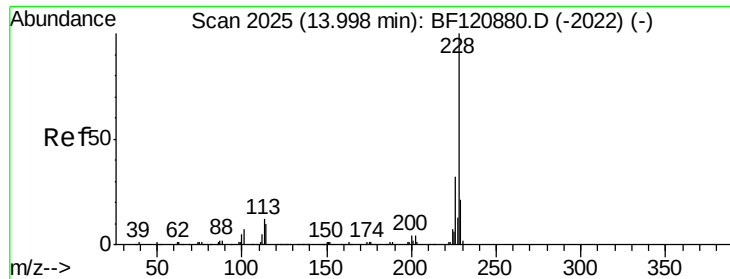


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.152 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

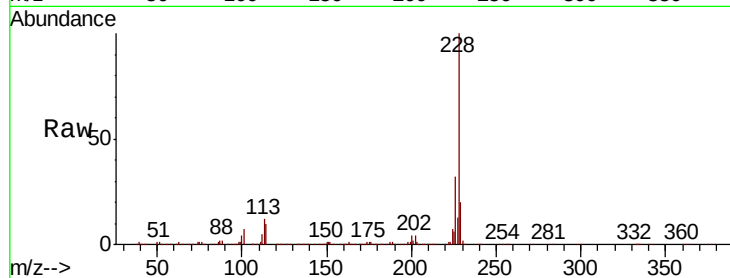
Tot Ion:228 Resp: 1083907

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

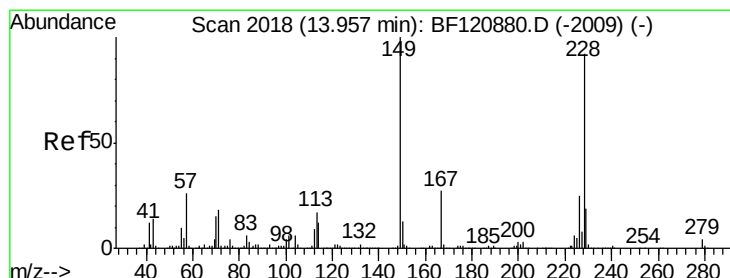
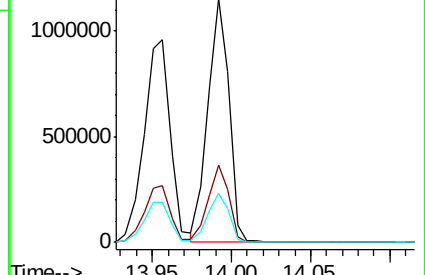
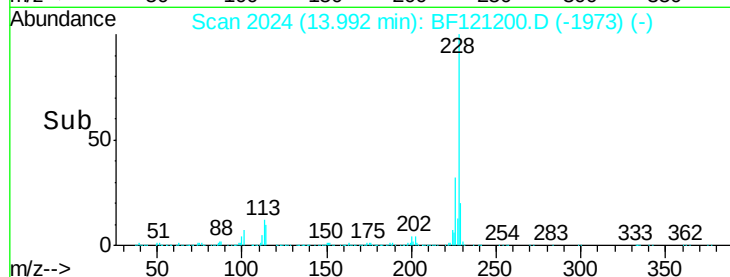
229 20.4 16.2 24.4



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: 43.364 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121200.D

Acq: 6 Aug 2020 13:58

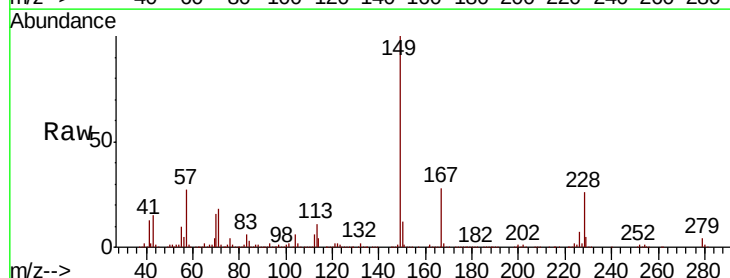
Tgt Ion:149 Resp: 733180

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

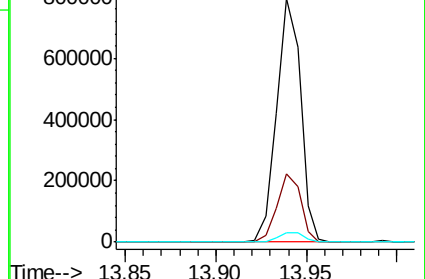
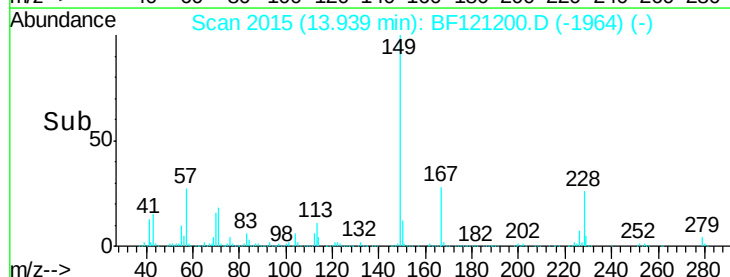
279 3.8 2.9 4.3

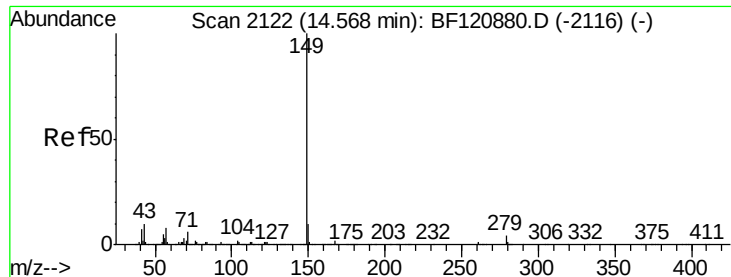


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

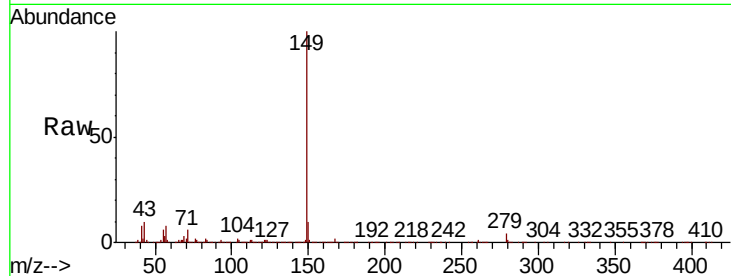




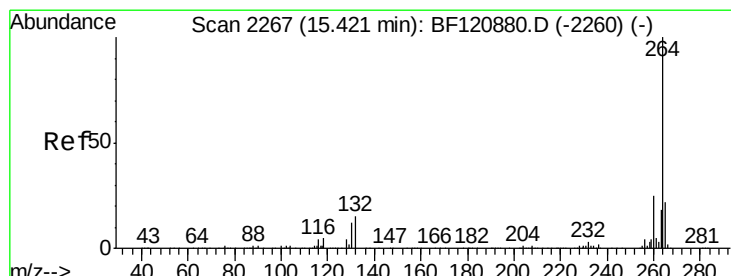
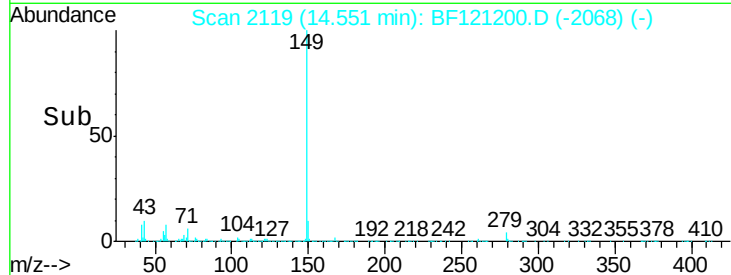
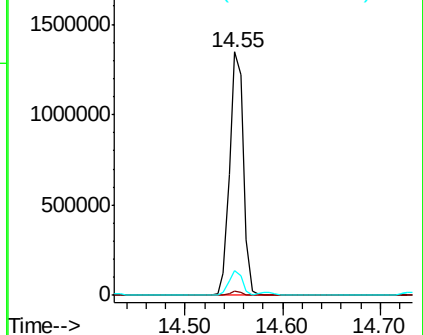
#85
Di-n-octyl phthalate
Concen: 39.049 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1313524
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.5 11.3

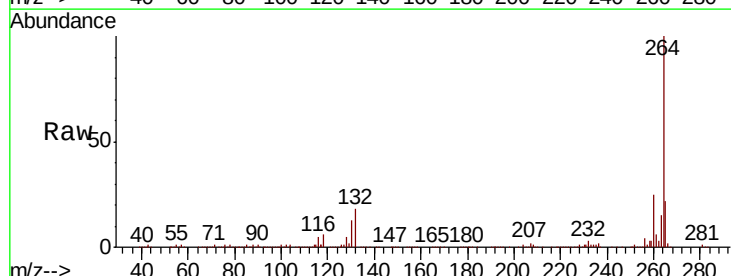


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

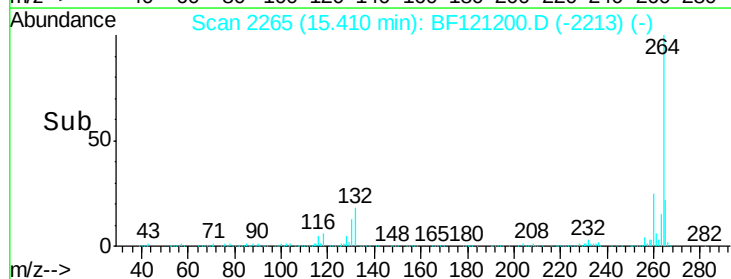
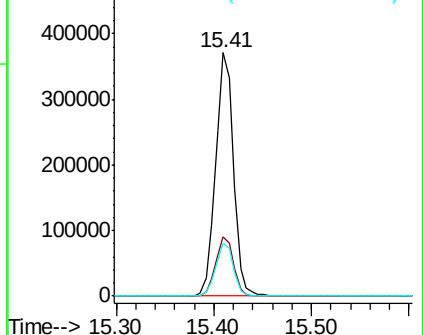


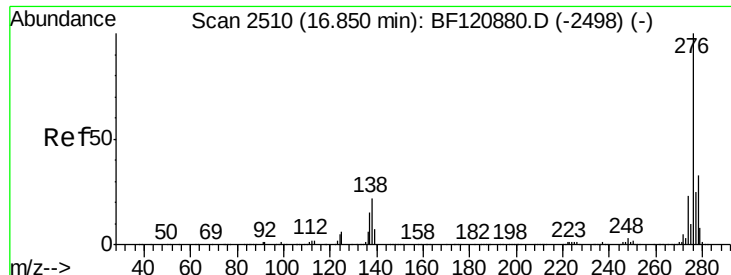
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:264 Resp: 469845
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 21.6 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

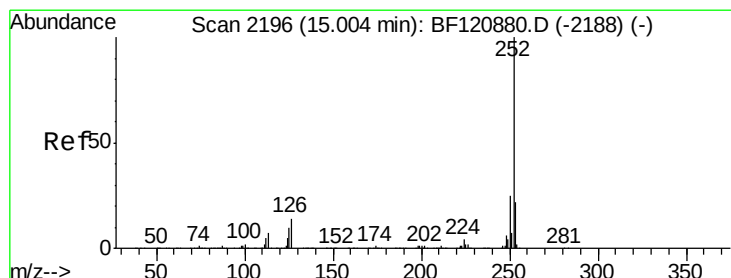
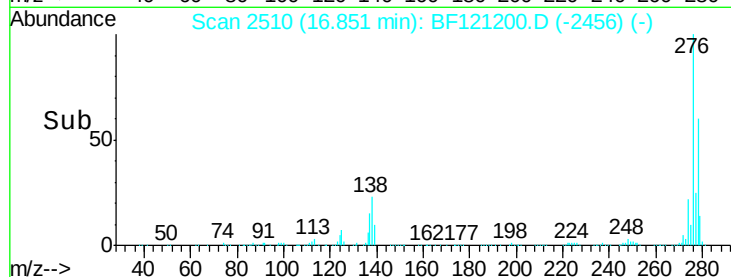
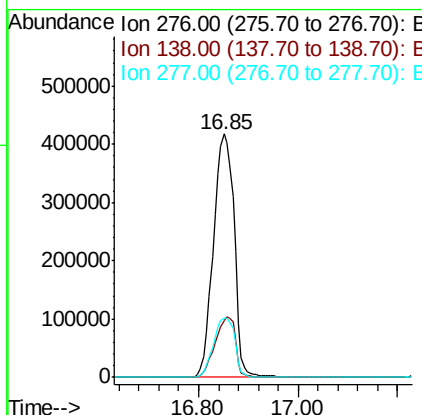
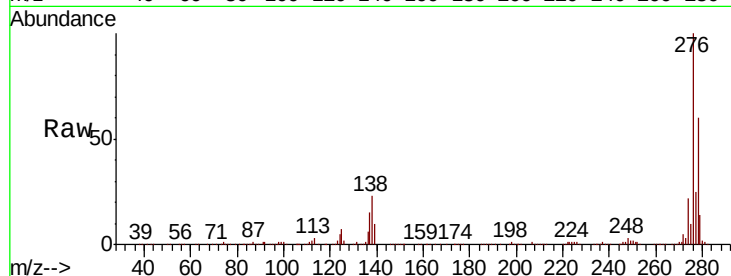




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.996 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.02 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

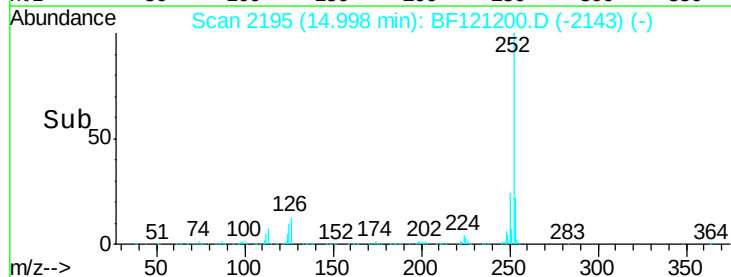
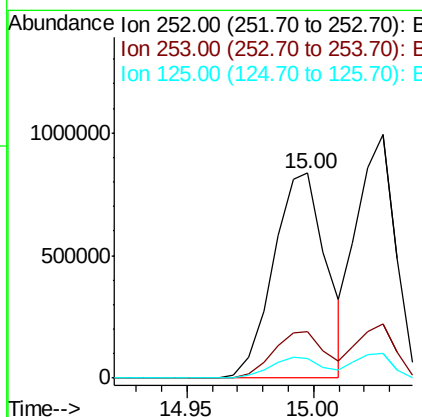
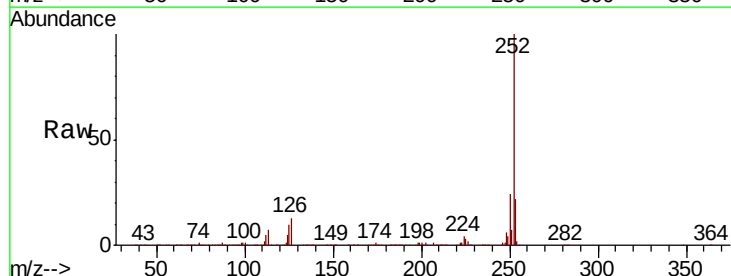
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

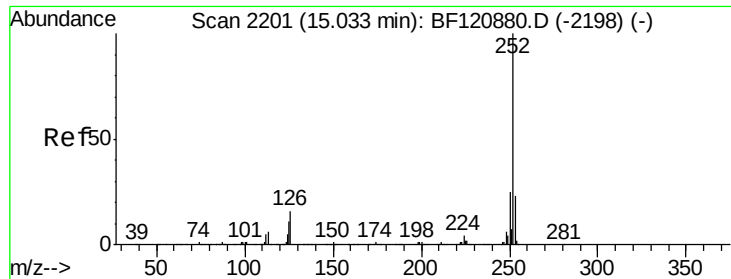
Tot Ion:276 Resp: 1208894
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.3 28.9
 277 25.4 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 42.669 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121200.D
 Acq: 6 Aug 2020 13:58

Tgt Ion:252 Resp: 1211812
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.9 26.9
 125 9.8 8.1 12.1

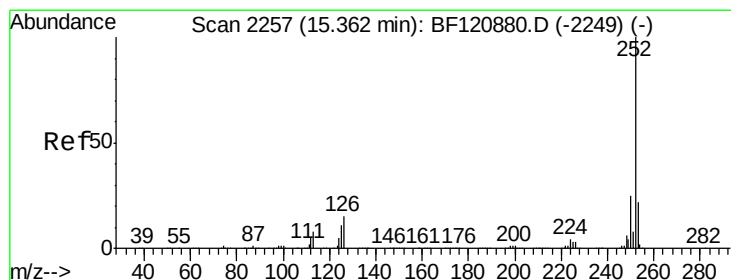
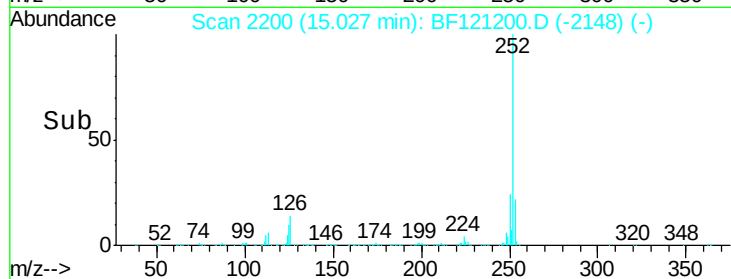
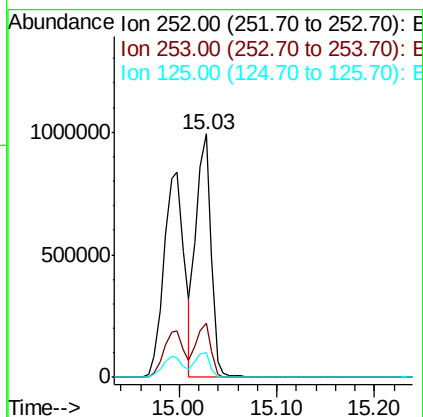
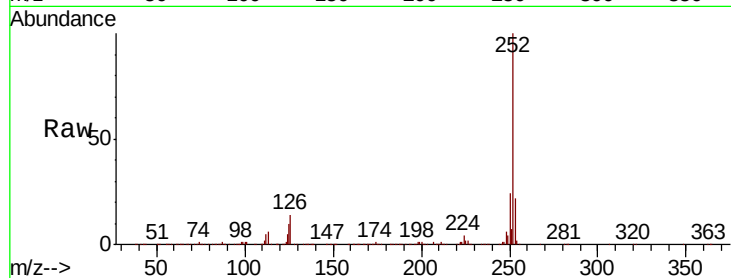




#89
Benzo(k)fluoranthene
Concen: 40.947 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

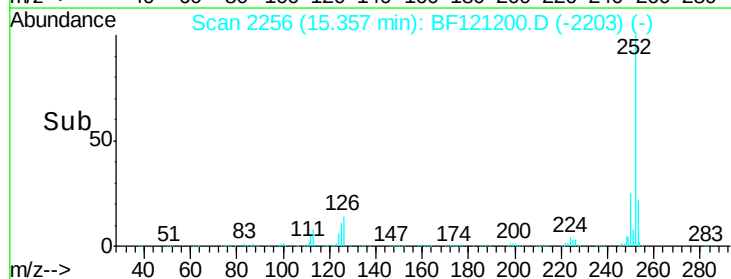
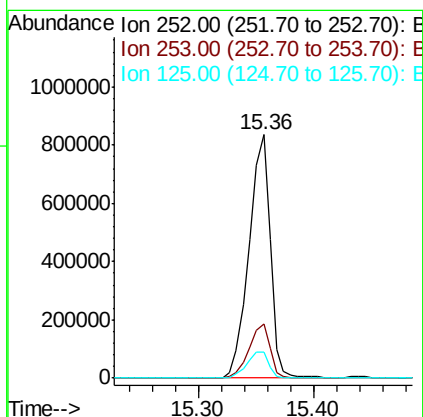
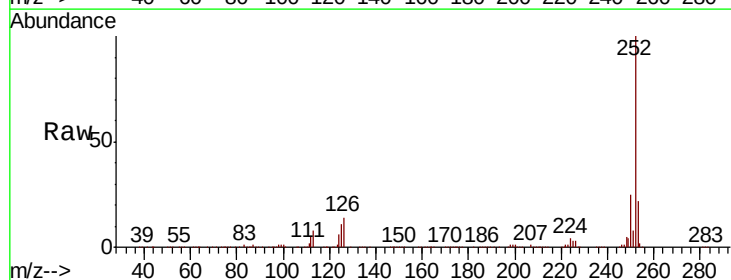
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

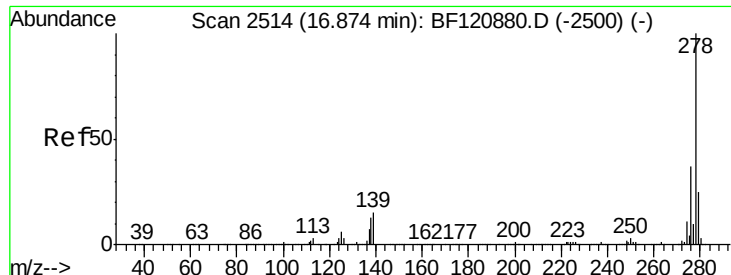
Tot Ion:252 Resp: 1060572
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.0 8.0 12.0



#90
Benzo(a)pyrene
Concen: 41.456 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion:252 Resp: 1074191
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.7 9.5 14.3

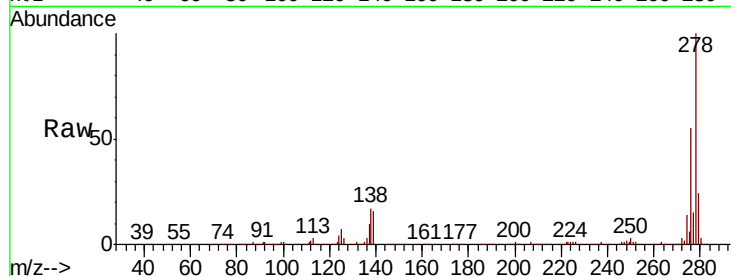




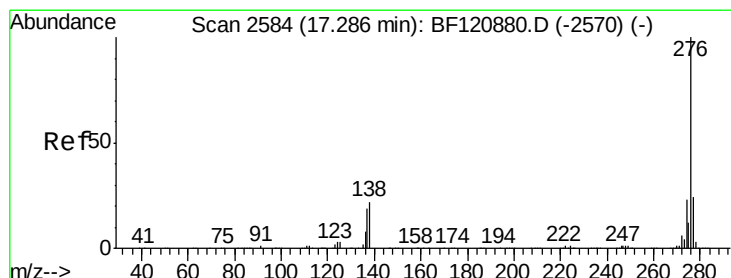
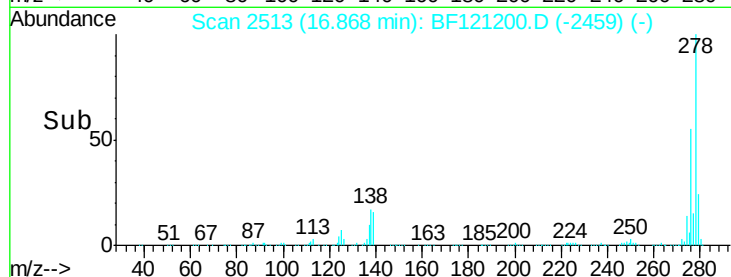
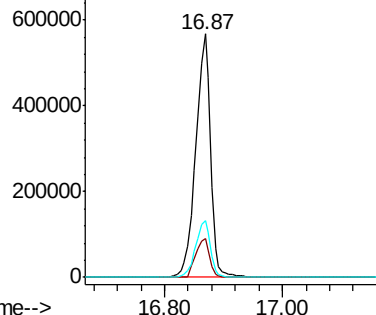
#91
Dibenzo(a,h)anthracene
Concen: 37.112 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	18.8
279	23.6	19.5	29.3

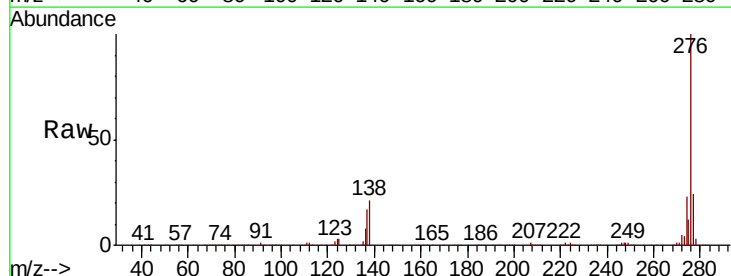


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.918 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF121200.D
Acq: 6 Aug 2020 13:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	20.8	17.2	25.8



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

