

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121202.D
 Acq On : 6 Aug 2020 15:03
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 06 17:41:14 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	158374	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	577432	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	297920	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	561272	20.00	ng	0.00
76) Chrysene-d12	13.96	240	411416	20.00	ng	0.00
86) Perylene-d12	15.41	264	373312	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	737749	76.37	ng	0.00
7) Phenol-d6	6.44	99	935254	74.94	ng	0.00
23) Nitrobenzene-d5	7.36	82	807359	80.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	262011	80.35	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1402706	70.30	ng	0.00
79) Terphenyl-d14	12.91	244	1506150	79.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	173389	38.997	ng	99
3) Pyridine	3.23	79	470709	39.797	ng	98
4) n-Nitrosodimethylamine	3.19	42	193970	38.352	ng	98
6) Aniline	6.46	93	580486	35.635	ng	98
8) 2-Chlorophenol	6.59	128	417474	39.227	ng	97
9) Benzaldehyde	6.35	77	251693	42.253	ng	99
10) Phenol	6.45	94	501571	36.538	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	411805	39.143	ng	98
12) 1,3-Dichlorobenzene	6.73	146	453569	39.303	ng	98
13) 1,4-Dichlorobenzene	6.82	146	452220	39.408	ng	99
14) 1,2-Dichlorobenzene	6.97	146	417827	38.488	ng	99
15) Benzyl Alcohol	6.94	79	319385	36.190	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	585370	38.603	ng	98
17) 2-Methylphenol	7.06	107	360190	38.185	ng	98
18) Hexachloroethane	7.30	117	167238	40.266	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	257045	36.223	ng	98
20) 3+4-Methylphenols	7.21	107	410343	34.197	ng	93
22) Acetophenone	7.21	105	503356	38.841	ng	# 99
24) Nitrobenzene	7.38	77	434272	40.376	ng	97
25) Isophorone	7.62	82	779799	39.154	ng	98
26) 2-Nitrophenol	7.70	139	227790	44.593	ng	98
27) 2,4-Dimethylphenol	7.74	122	328019	39.550	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	485439	39.930	ng	100
29) 2,4-Dichlorophenol	7.94	162	342795	40.448	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	383465	40.782	ng	98
31) Naphthalene	8.10	128	1158558	39.115	ng	99
32) Benzoic acid	7.88	122	243437	39.101	ng	97
33) 4-Chloroaniline	8.15	127	510478	38.634	ng	98
34) Hexachlorobutadiene	8.22	225	226145	40.798	ng	99
35) Caprolactam	8.54	113	108958	40.091	ng	# 83
36) 4-Chloro-3-methylphenol	8.64	107	352704	40.578	ng	99
37) 2-Methylnaphthalene	8.79	142	768628	39.966	ng	100
38) 1-Methylnaphthalene	8.89	142	716514	39.337	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358445	41.295	ng	100

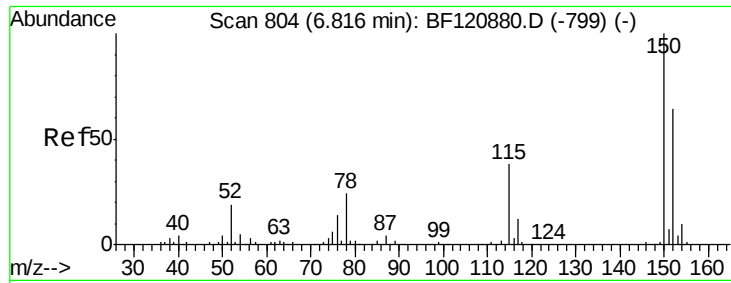
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121202.D
 Acq On : 6 Aug 2020 15:03
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 06 17:41:14 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)
41) Hexachlorocyclopentadiene	8.95	237	170917	35.628	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	241297	39.482	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	272152	39.257	ng	98
46) 1,1'-Biphenyl	9.26	154	897913	39.512	ng	100
47) 2-Chloronaphthalene	9.29	162	732653	39.543	ng	99
48) 2-Nitroaniline	9.38	65	235665	42.088	ng	97
49) Acenaphthylene	9.70	152	1130006	39.258	ng	100
50) Dimethylphthalate	9.56	163	874390	40.682	ng	99
51) 2,6-Dinitrotoluene	9.63	165	194638	42.151	ng	91
52) Acenaphthene	9.87	154	671843	36.713	ng	99
53) 3-Nitroaniline	9.80	138	227993	39.368	ng	97
54) 2,4-Dinitrophenol	9.90	184	103036	42.288	ng	93
55) Dibenzofuran	10.05	168	1010000	38.166	ng	97
56) 4-Nitrophenol	9.97	139	142280	32.342	ng	99
57) 2,4-Dinitrotoluene	10.03	165	254758	42.012	ng	# 86
58) Fluorene	10.39	166	758100	38.410	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	199521	37.800	ng	98
60) Diethylphthalate	10.26	149	854003	39.283	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	386731	36.736	ng	99
62) 4-Nitroaniline	10.41	138	232378	41.192	ng	96
63) Azobenzene	10.54	77	805890	38.938	ng	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	139358	43.309	ng	94
66) n-Nitrosodiphenylamine	10.50	169	710414	40.235	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	260326	41.601	ng	94
68) Hexachlorobenzene	10.93	284	281056	41.520	ng	# 93
69) Atrazine	11.03	200	171304	39.175	ng	99
70) Pentachlorophenol	11.13	266	168100	43.347	ng	99
71) Phenanthrene	11.35	178	1120810	38.827	ng	100
72) Anthracene	11.40	178	1158832	39.979	ng	99
73) Carbazole	11.56	167	1133501	39.404	ng	99
74) Di-n-butylphthalate	11.89	149	1305488	39.327	ng	99
75) Fluoranthene	12.53	202	1233199	38.542	ng	97
77) Benzidine	12.66	184	402000	37.164	ng	98
78) Pyrene	12.76	202	1266599	43.545	ng	100
80) Butylbenzylphthalate	13.38	149	556977	42.954	ng	96
81) Benzo(a)anthracene	13.95	228	1047385	42.041	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	387820	41.261	ng	99
83) Chrysene	13.99	228	1048986	40.066	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	710873	44.459	ng	99
85) Di-n-octyl phthalate	14.55	149	1203840	37.843	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	878137	33.823	ng	100
88) Benzo(b)fluoranthene	14.99	252	951925	42.185	ng	98
89) Benzo(k)fluoranthene	15.02	252	952513	46.285	ng	99
90) Benzo(a)pyrene	15.35	252	872054	42.358	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	724794	34.176	ng	99
92) Benzo(g,h,i)perylene	17.27	276	693910	33.185	ng	98

(#) = 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: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

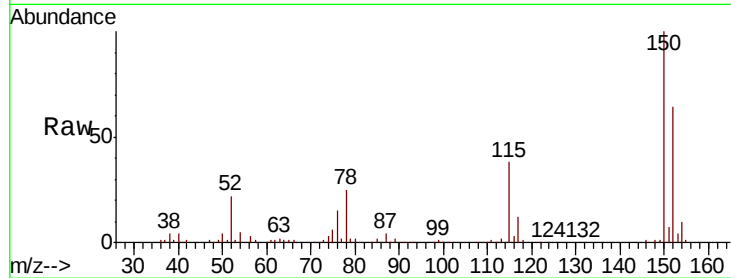
Tot Ion:152 Resp: 158374

Ion Ratio Lower Upper

152 100

150 156.5 125.6 188.4

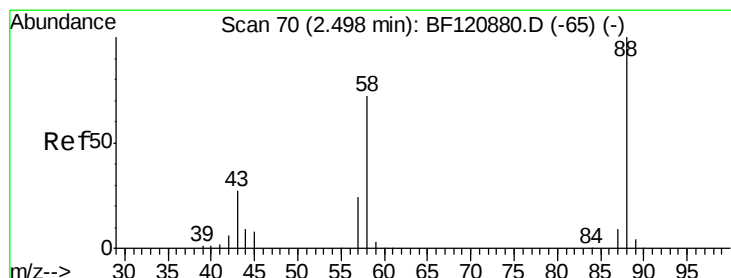
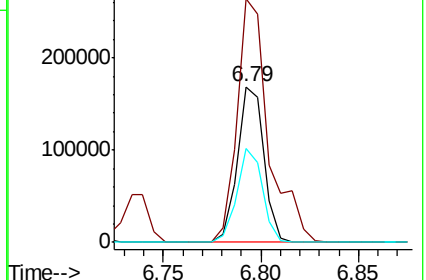
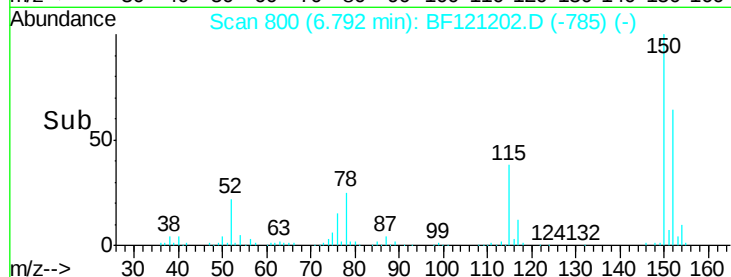
115 60.1 46.2 69.2



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: 38.997 ng

RT: 2.49 min Scan# 69

Delta R.T. -0.02 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

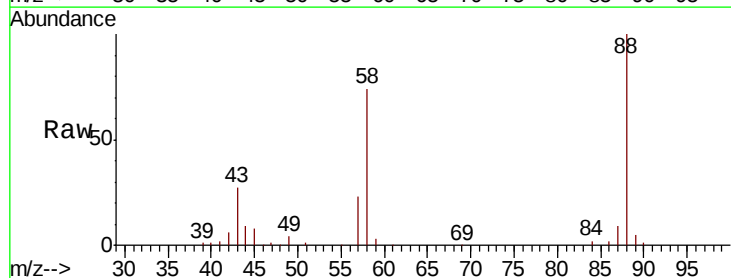
Tgt Ion: 88 Resp: 173389

Ion Ratio Lower Upper

88 100

58 73.5 58.2 87.4

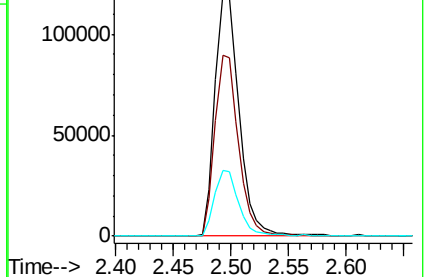
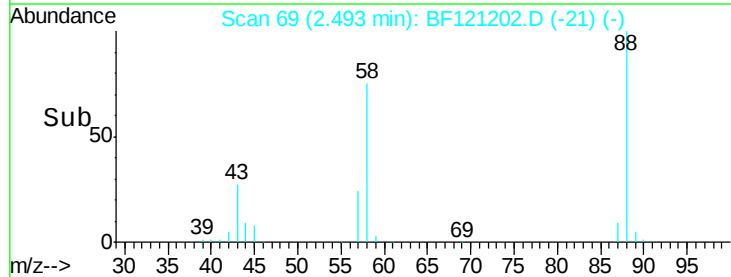
43 27.8 21.3 31.9



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

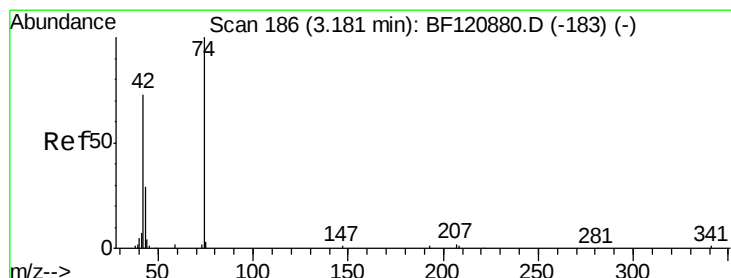
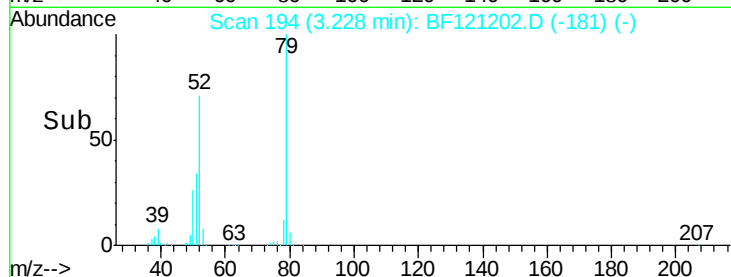
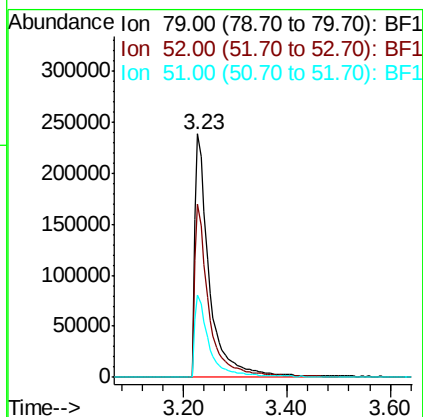
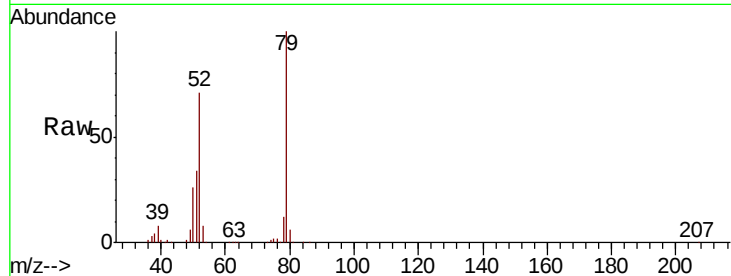




#3
 Pvridine
 Concen: 39.797 ng
 RT: 3.23 min Scan# 194
 Delta R.T. -0.02 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

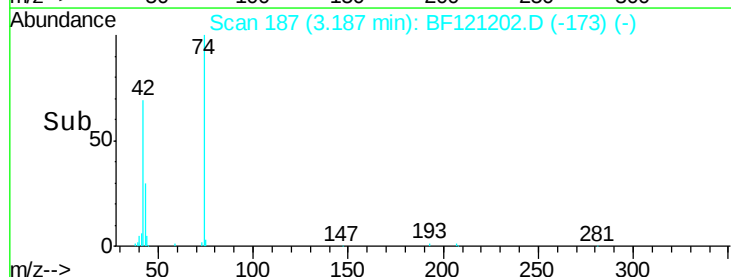
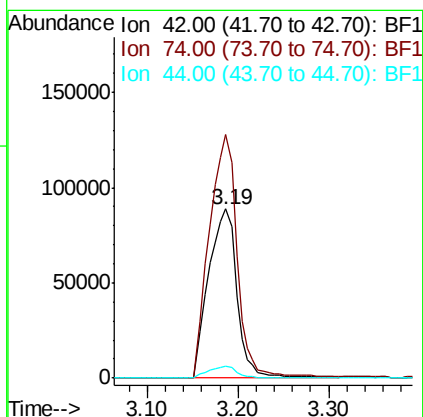
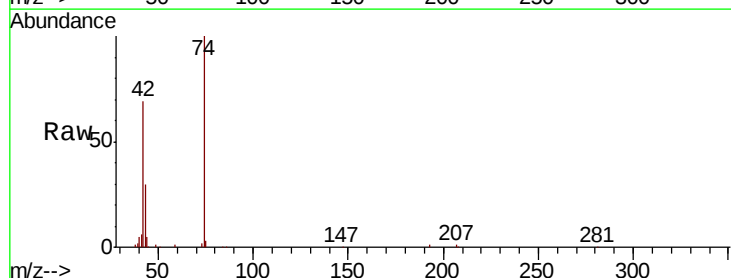
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

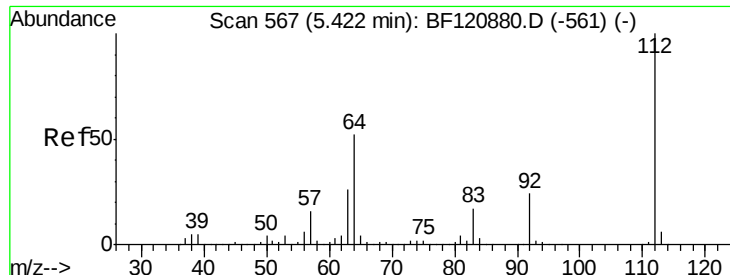
Tot Ion: 79 Resp: 470709
 Ion Ratio Lower Upper
 79 100
 52 71.0 54.9 82.3
 51 34.0 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 38.352 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.02 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion: 42 Resp: 193970
 Ion Ratio Lower Upper
 42 100
 74 143.9 117.3 175.9
 44 6.9 5.9 8.9





#5

2-Fluorophenol

Concen: 76.366 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

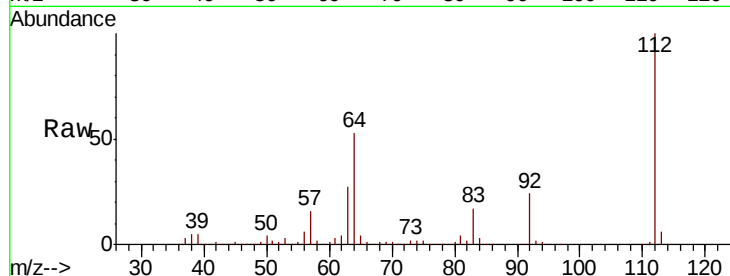
Tot Ion:112 Resp: 737749

Ion Ratio Lower Upper

112 100

64 52.9 43.9 65.9

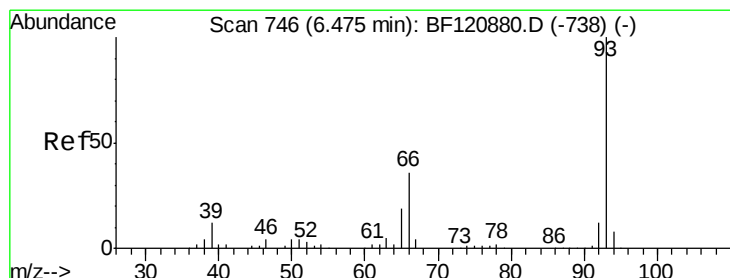
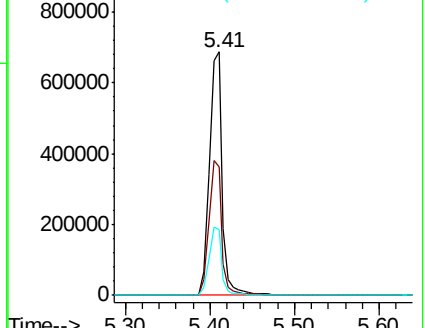
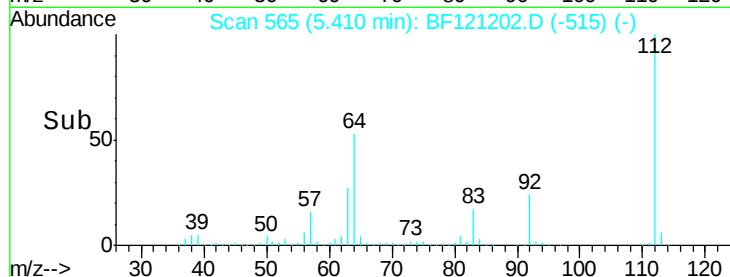
63 26.9 22.7 34.1



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# 744

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

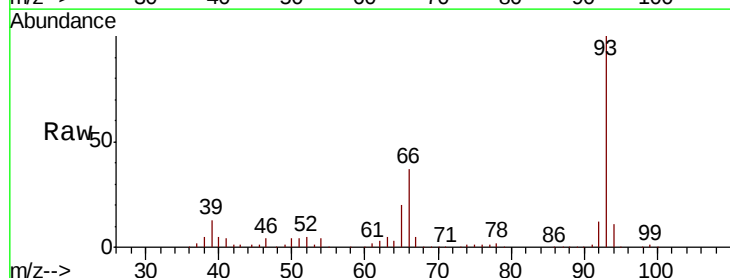
Tgt Ion: 93 Resp: 580486

Ion Ratio Lower Upper

93 100

66 37.2 31.0 46.4

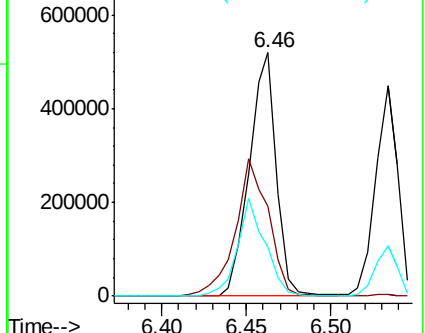
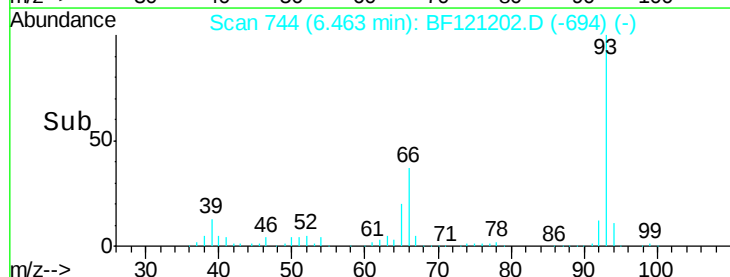
65 19.9 16.2 24.4

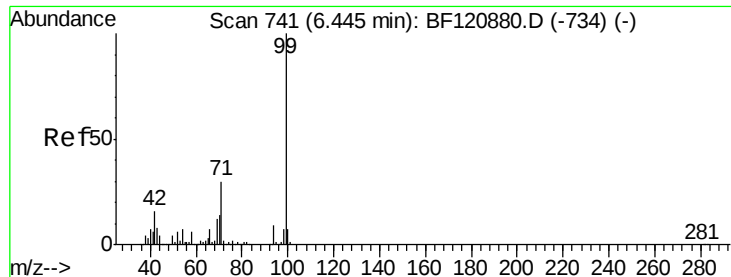


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.945 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

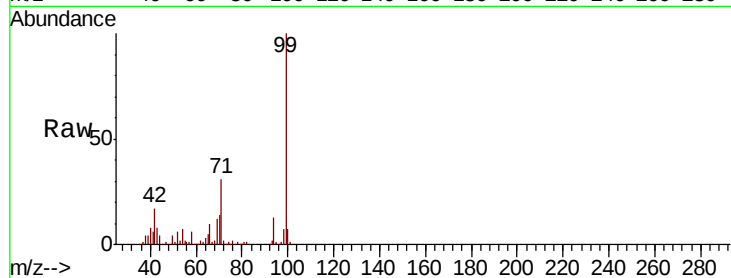
Tot Ion: 99 Resp: 935254

Ion Ratio Lower Upper

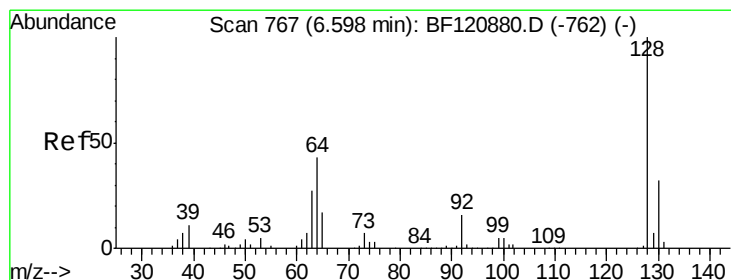
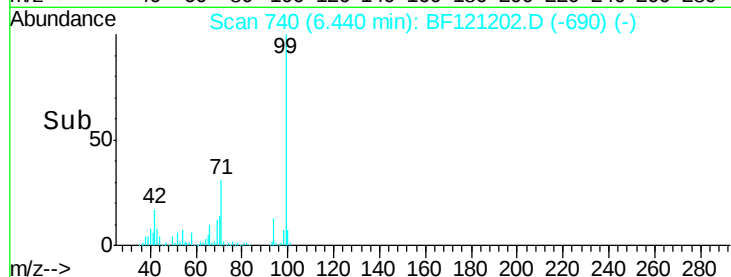
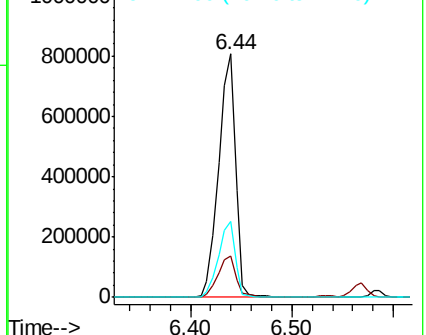
99 100

42 16.9 13.5 20.3

71 31.3 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: 39.227 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

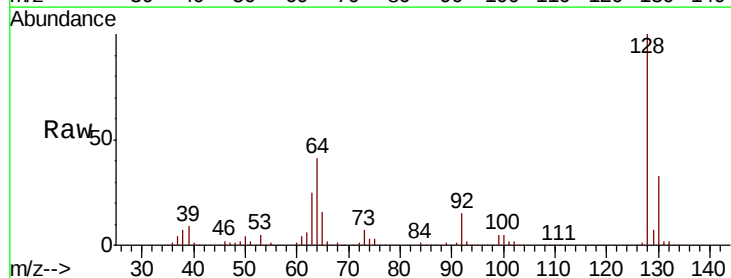
Tgt Ion: 128 Resp: 417474

Ion Ratio Lower Upper

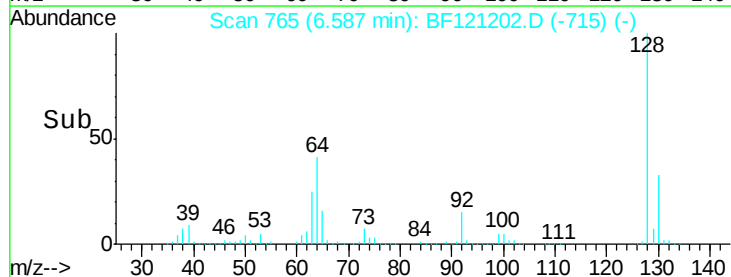
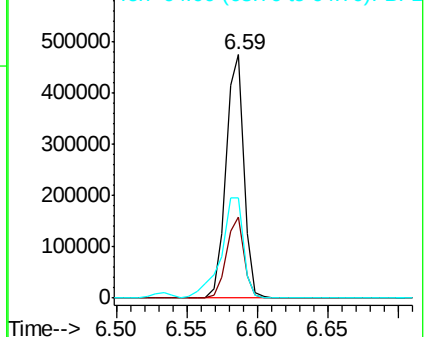
128 100

130 33.2 12.7 52.7

64 41.3 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: 42.253 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

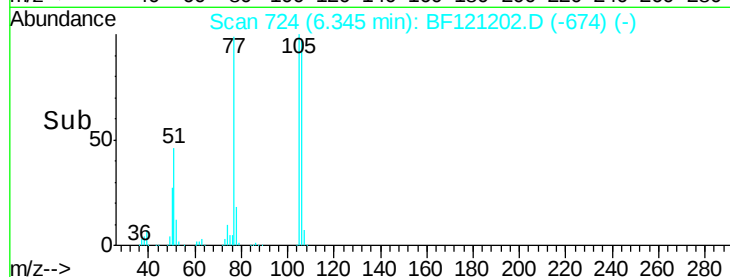
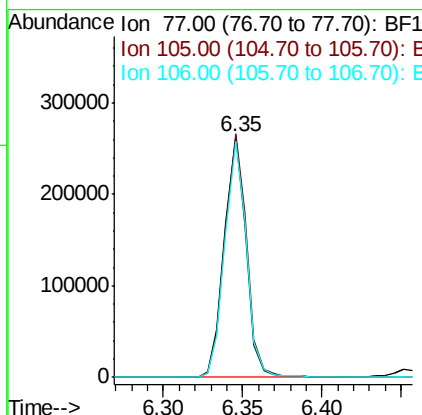
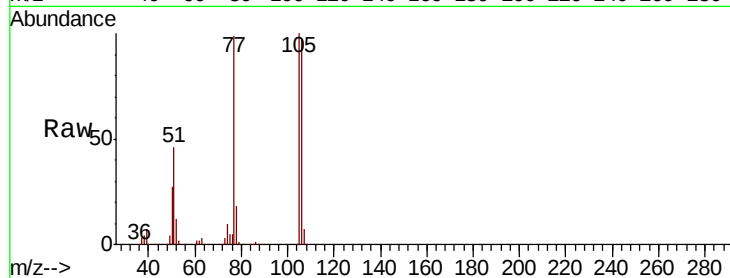
Tot Ion: 77 Resp: 251693

Ion Ratio Lower Upper

77 100

105 101.2 82.4 122.4

106 98.1 78.9 118.9



#10

Phenol

Concen: 36.538 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

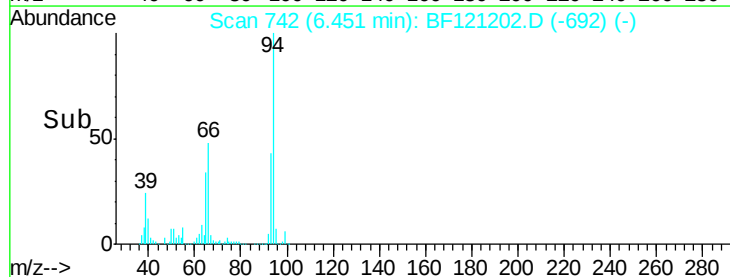
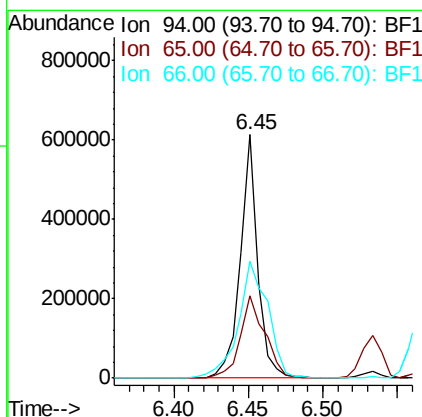
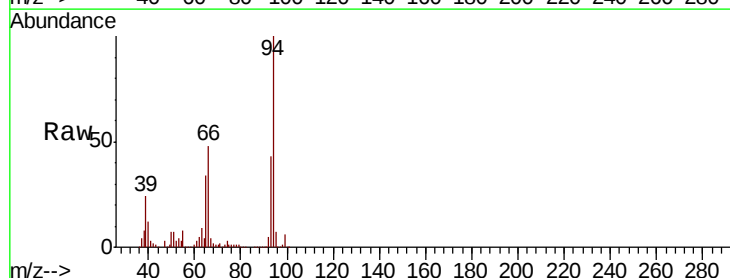
Tgt Ion: 94 Resp: 501571

Ion Ratio Lower Upper

94 100

65 33.9 12.6 52.6

66 47.9 25.6 65.6

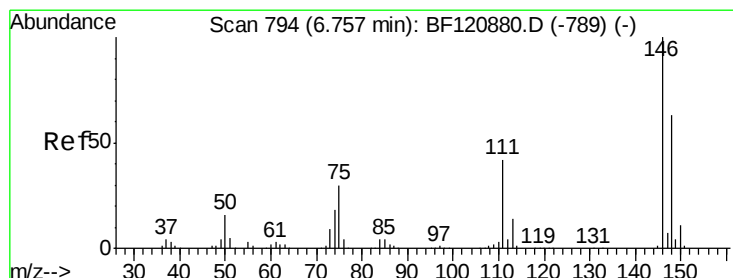
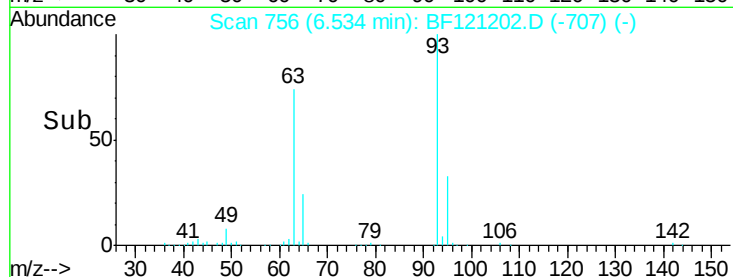
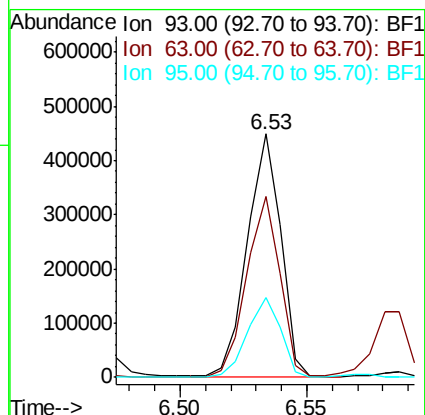
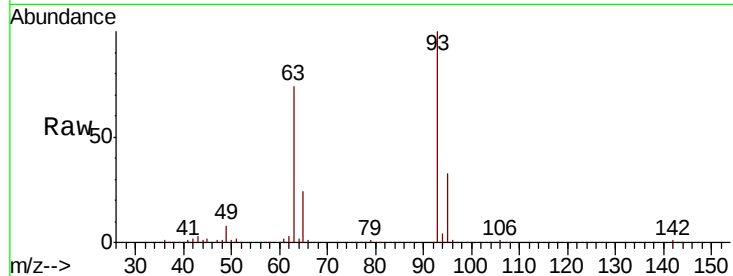




#11
 bis(2-Chloroethyl)ether
 Concen: 39.143 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

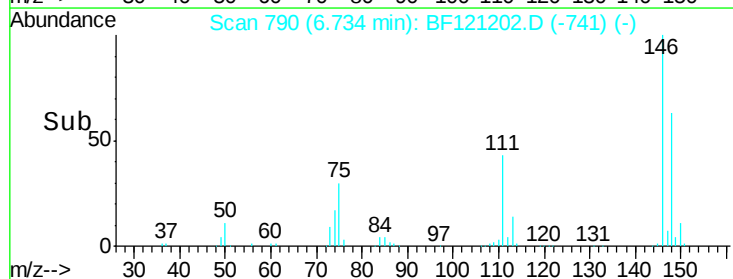
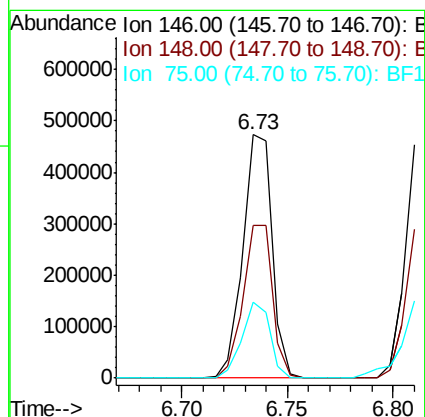
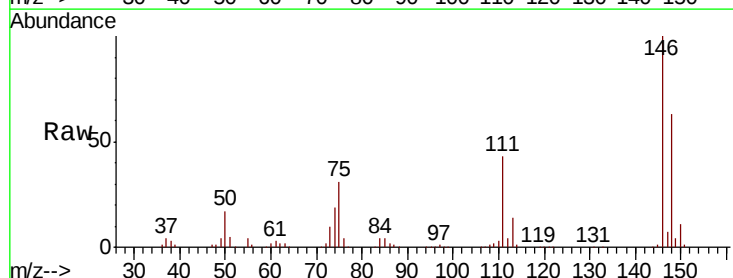
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

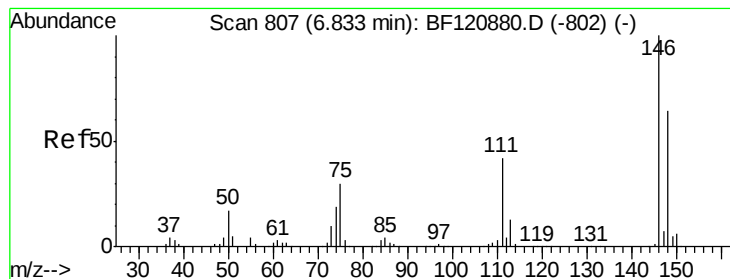
Tot Ion: 93 Resp: 411805
 Ion Ratio Lower Upper
 93 100
 63 74.1 51.9 91.9
 95 32.6 13.2 53.2



#12
 1,3-Dichlorobenzene
 Concen: 39.303 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion: 146 Resp: 453569
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.7 77.5
 75 31.3 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 39.408 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

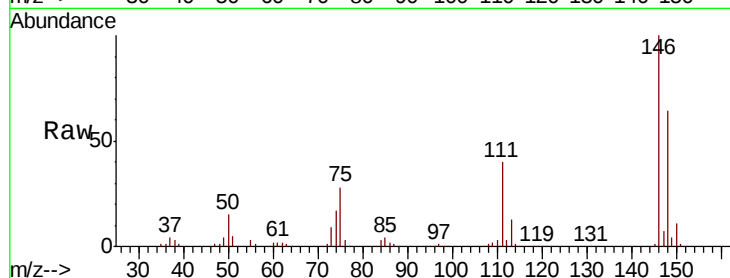
Tot Ion:146 Resp: 452220

Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

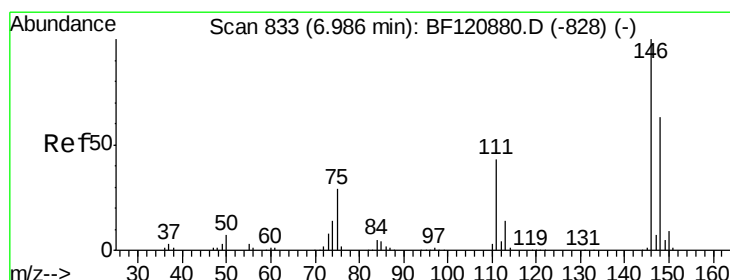
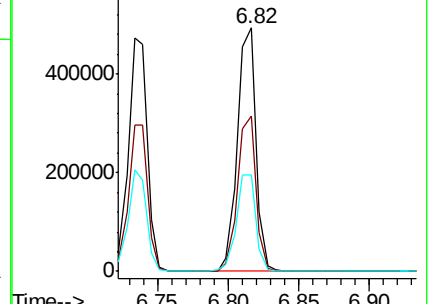
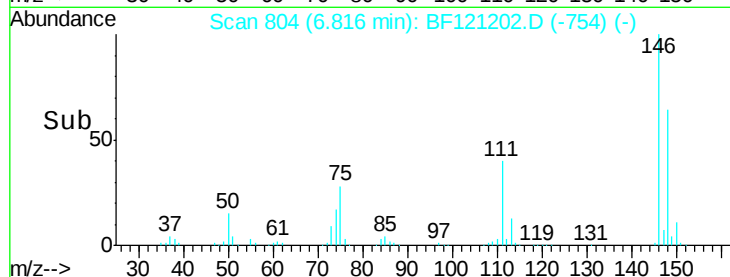
111 39.6 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.488 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

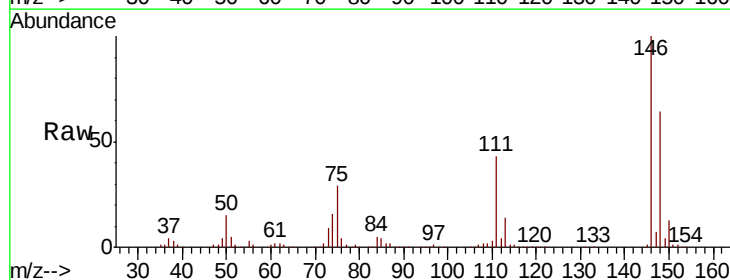
Tgt Ion:146 Resp: 417827

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

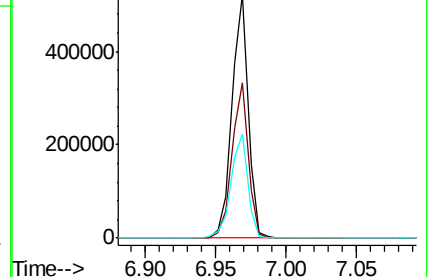
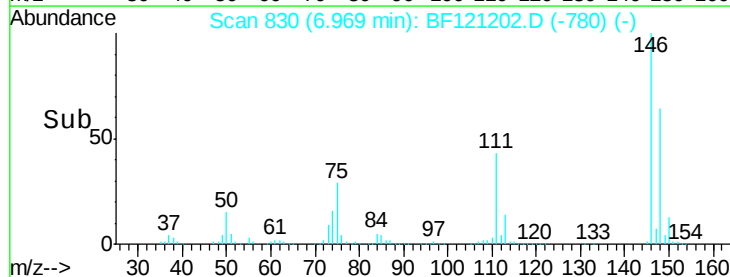
111 42.6 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.190 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

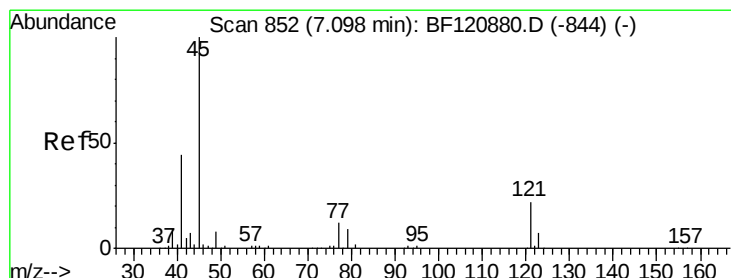
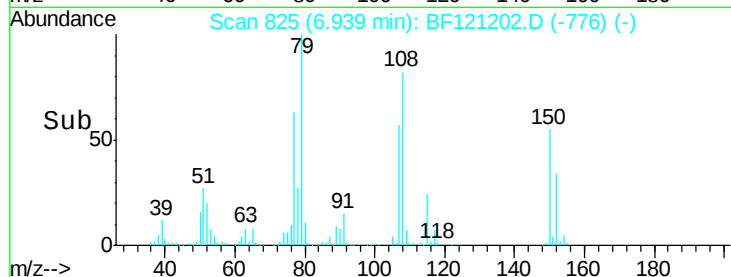
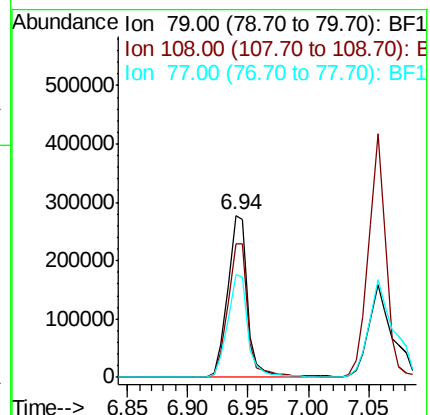
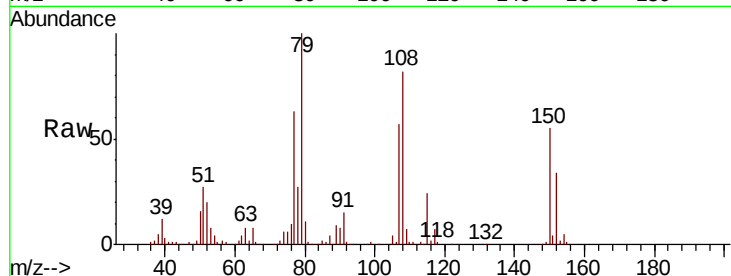
Tot Ion: 79 Resp: 319385

Ion Ratio Lower Upper

79 100

108 82.4 68.6 103.0

77 63.3 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.603 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

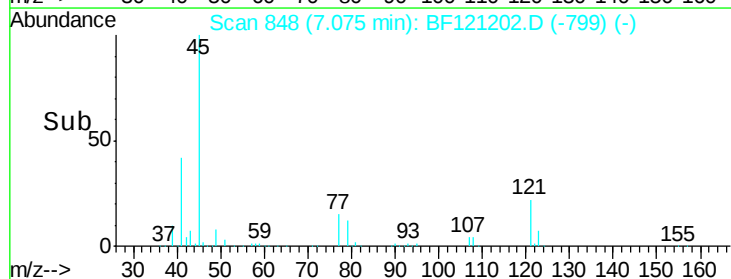
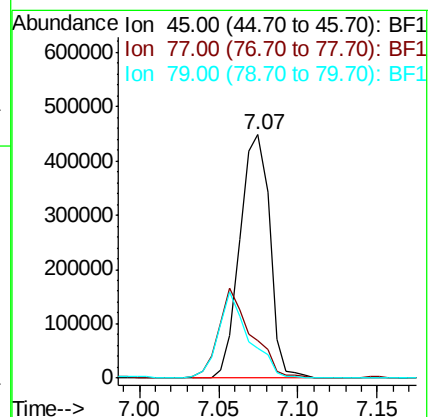
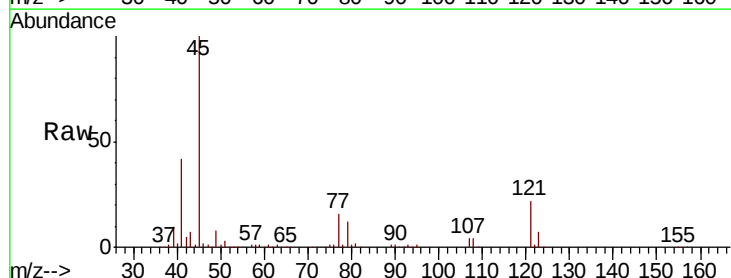
Tgt Ion: 45 Resp: 585370

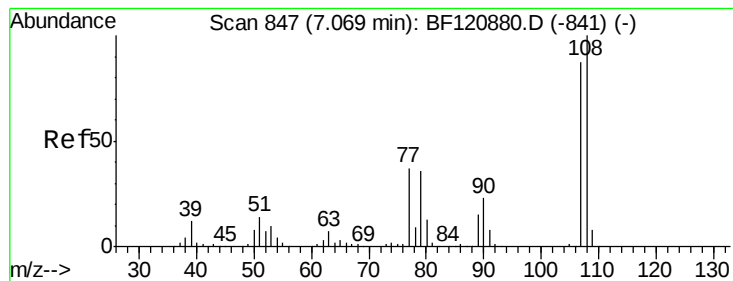
Ion Ratio Lower Upper

45 100

77 15.7 0.0 34.7

79 12.3 0.0 32.0





#17

2-Methylphenol

Concen: 38.185 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 360190

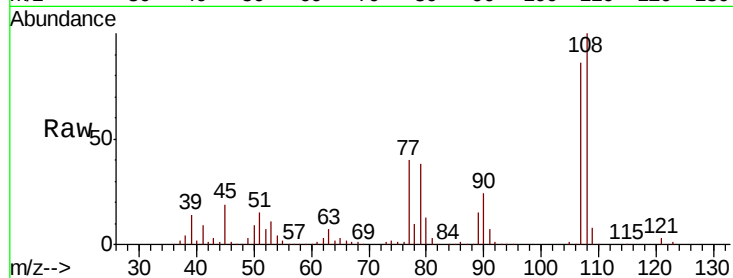
Ion Ratio Lower Upper

107 100

108 116.1 91.2 136.8

77 46.3 36.5 54.7

79 44.4 35.0 52.6

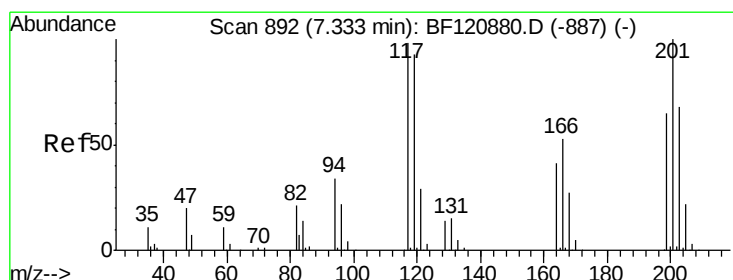
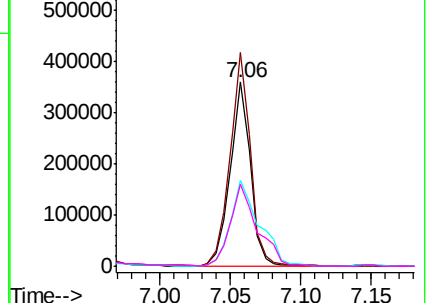
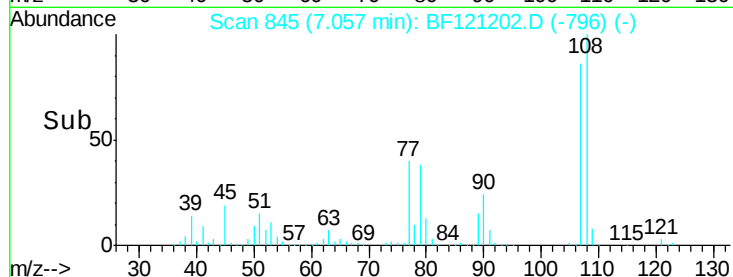


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.266 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

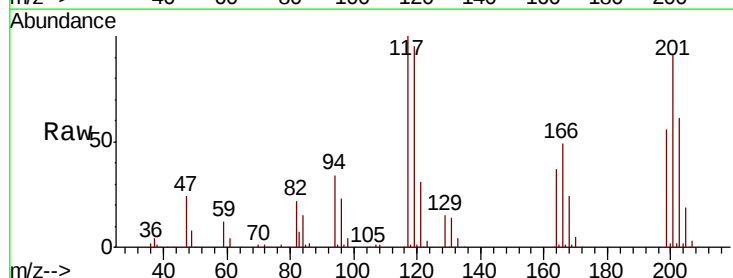
Tgt Ion:117 Resp: 167238

Ion Ratio Lower Upper

117 100

119 94.8 76.6 114.8

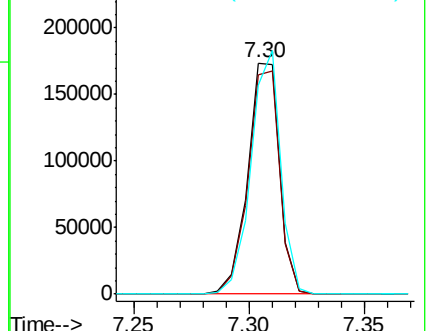
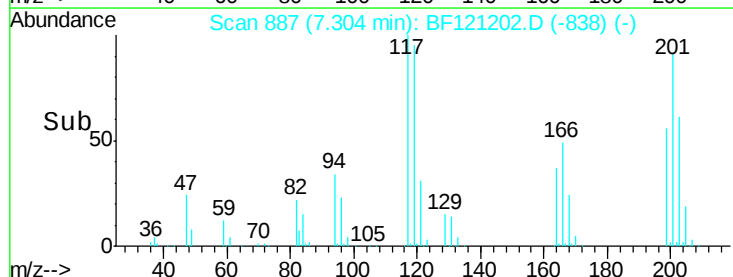
201 90.5 75.0 112.4



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

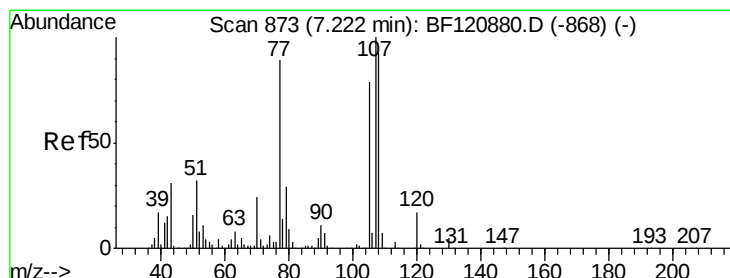
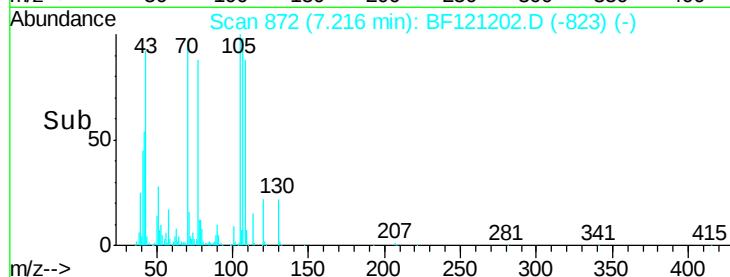
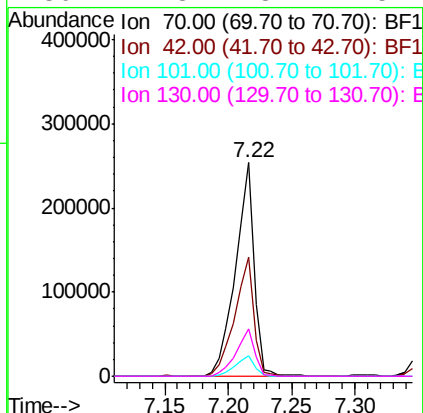
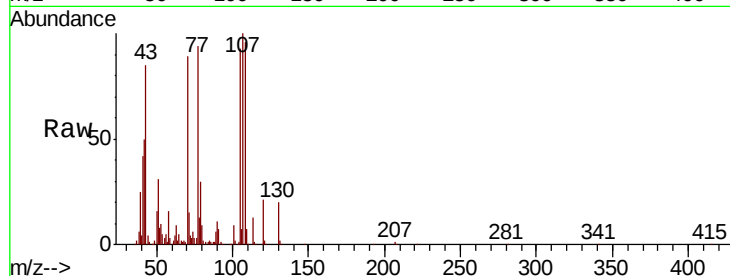




#19
n-Nitroso-di-n-propylamine
Concen: 36.223 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

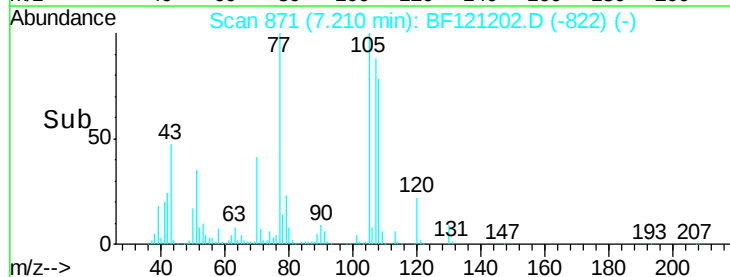
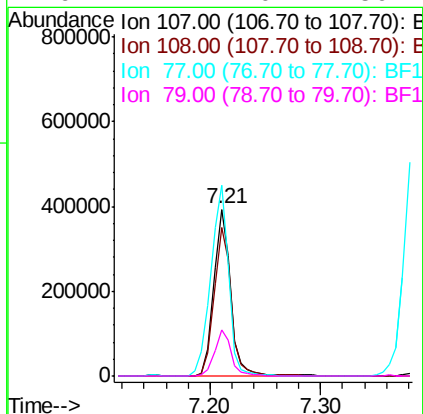
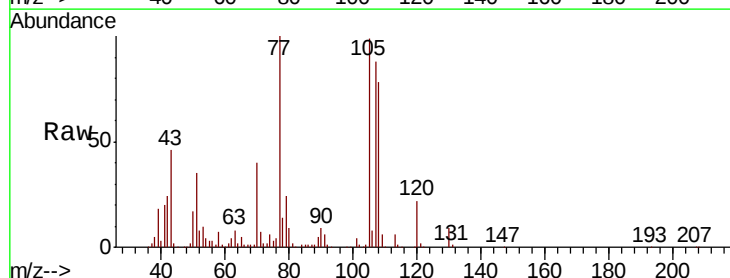
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

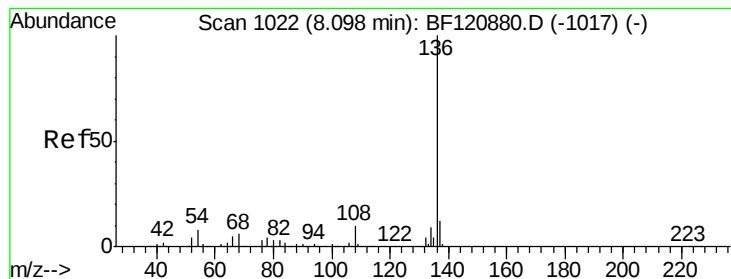
Tot Ion:	70	Resp:	257045
Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.3	64.9
101	9.8	8.4	12.6
130	22.3	18.7	28.1



#20
3+4-Methylphenols
Concen: 34.197 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:	107	Resp:	410343
Ion	Ratio	Lower	Upper
107	100		
108	89.4	73.7	113.7
77	114.3	84.9	124.9
79	27.4	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 577432

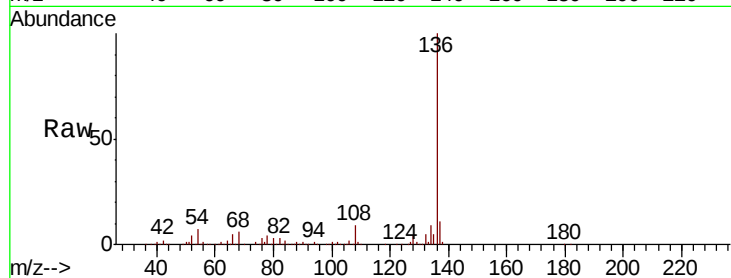
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.1 6.1 9.1

68 5.6 5.0 7.6

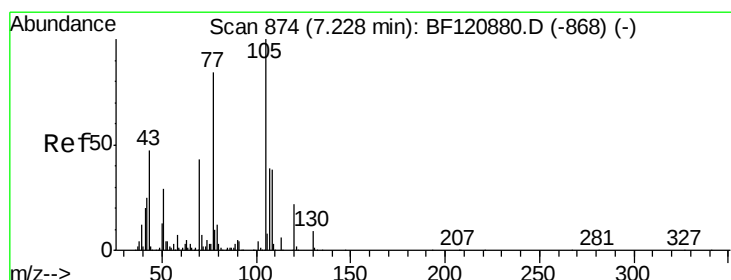
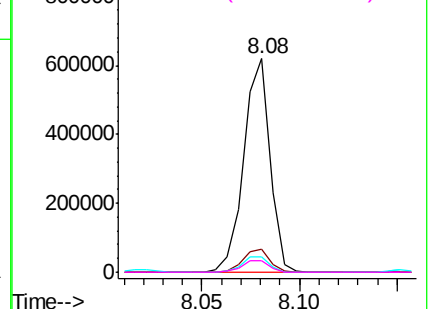
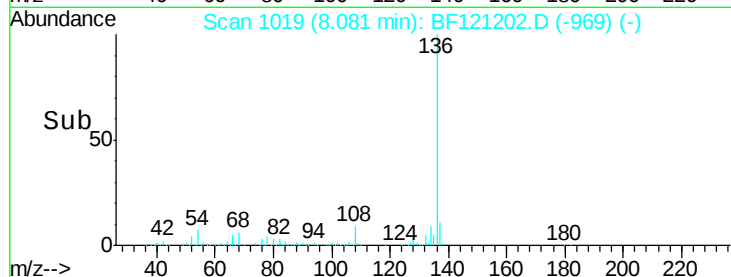


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.841 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Tgt Ion:105 Resp: 503356

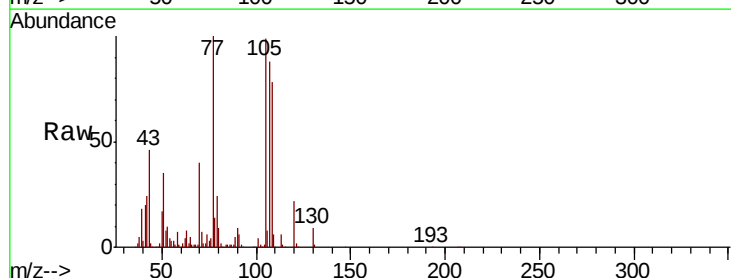
Ion Ratio Lower Upper

105 100

71 6.8 3.8 5.8#

51 35.5 28.0 42.0

120 21.8 17.8 26.6

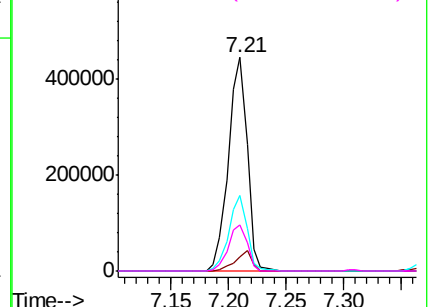
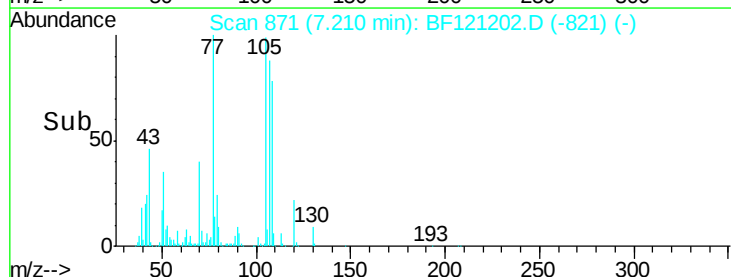


Abundance Ion 105.00 (104.70 to 105.70): E

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

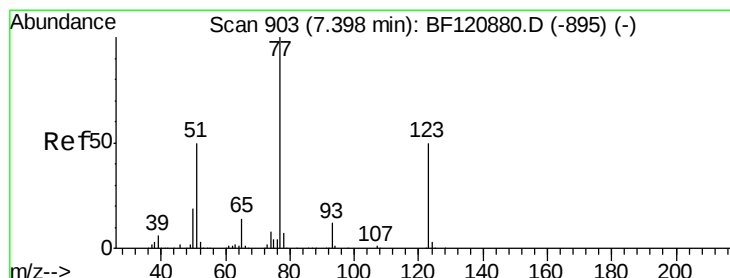
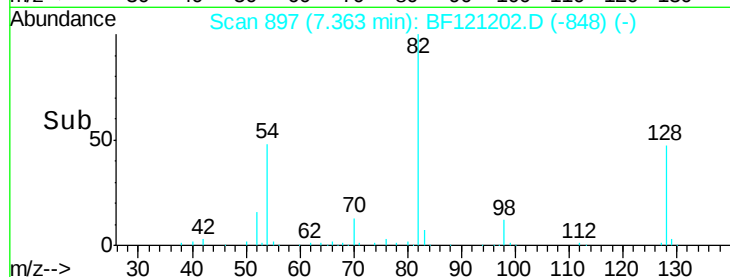
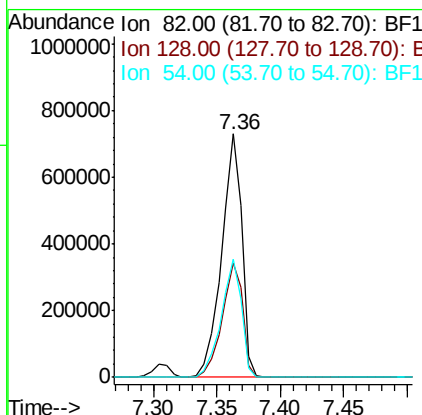
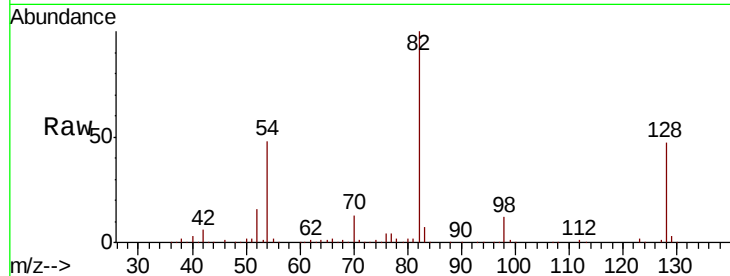




#23
 Nitrobenzene-d5
 Concen: 80.903 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

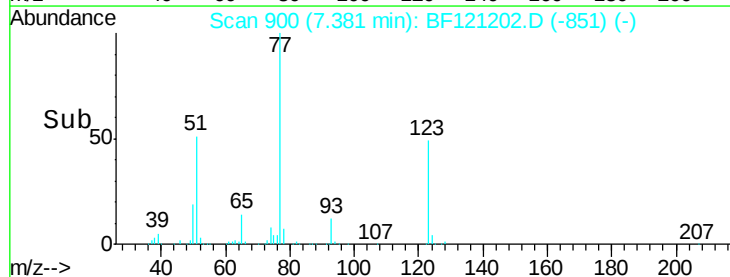
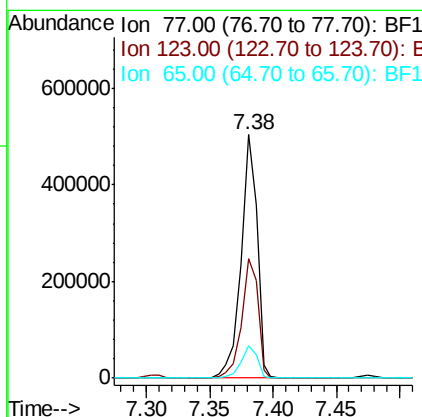
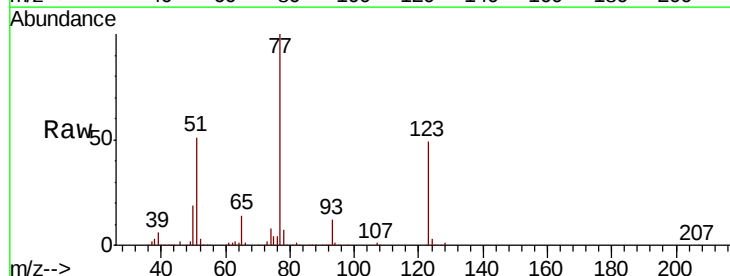
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

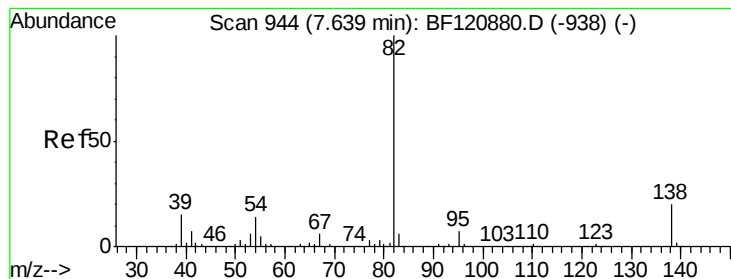
Tot Ion	82	Resp	807359
Ion Ratio	Lower	Upper	
82	100		
128	47.1	39.2	58.8
54	48.4	37.8	56.8



#24
 Nitrobenzene
 Concen: 40.376 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion	77	Resp	434272
Ion Ratio	Lower	Upper	
77	100		
123	49.1	41.0	61.6
65	13.5	10.3	15.5





#25

Isophorone

Concen: 39.154 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

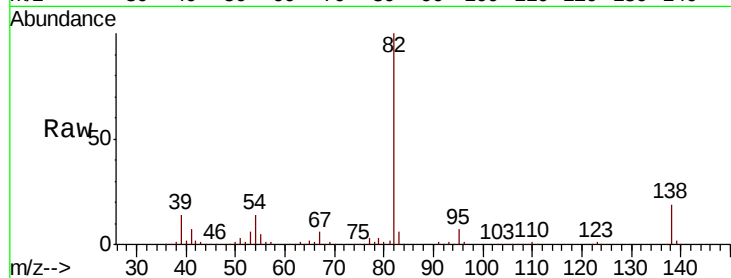
Tot Ion: 82 Resp: 779799

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

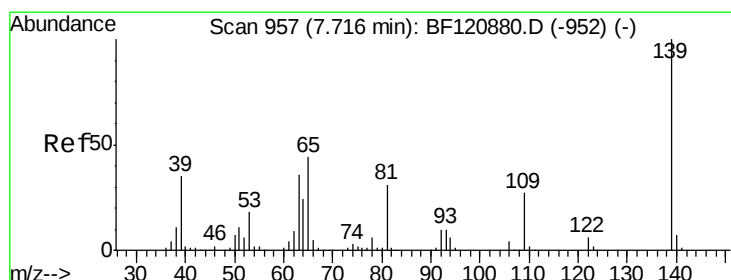
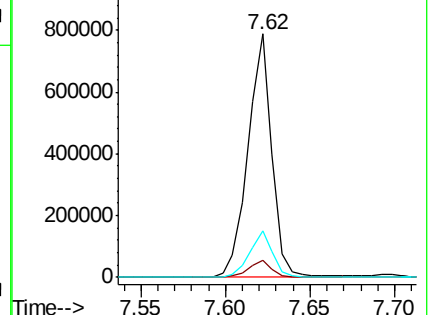
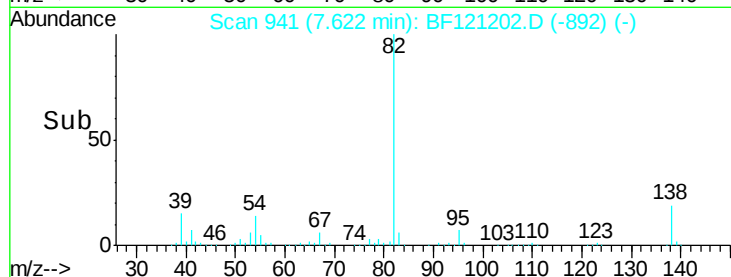
138 18.9 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.593 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

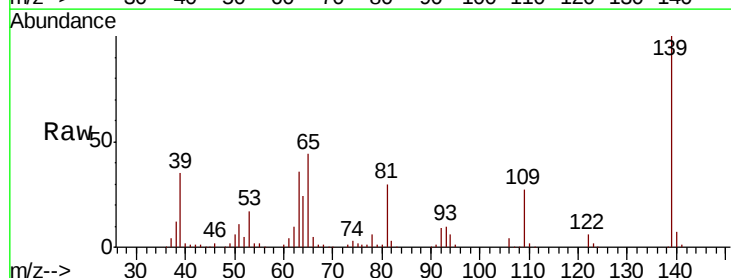
Tgt Ion: 139 Resp: 227790

Ion Ratio Lower Upper

139 100

109 26.5 21.7 32.5

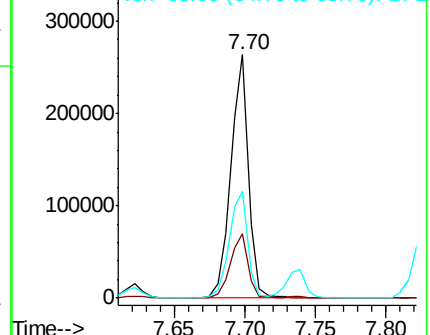
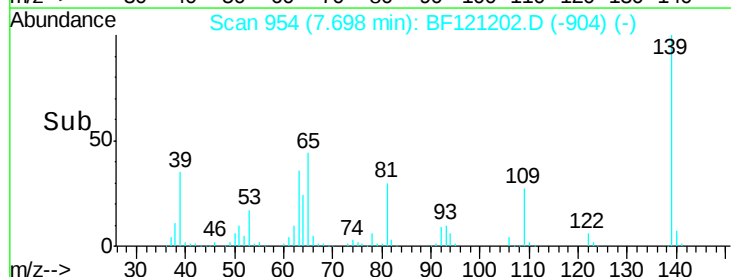
65 43.7 36.3 54.5

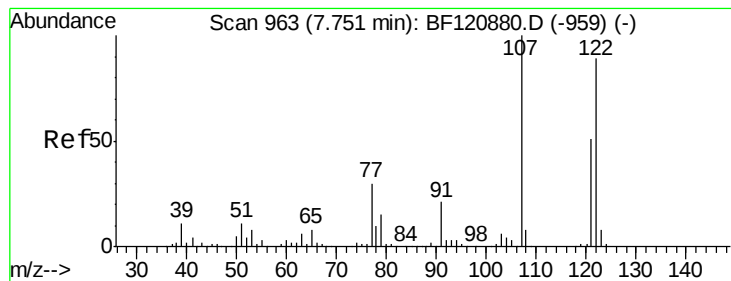


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.550 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

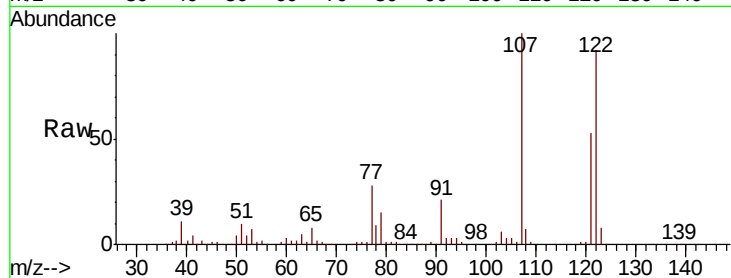
Tot Ion:122 Resp: 328019

Ion Ratio Lower Upper

122 100

107 108.5 87.1 130.7

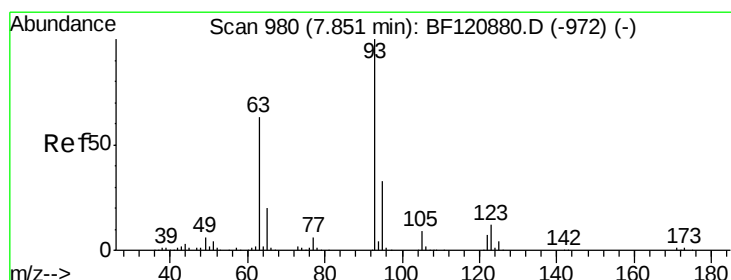
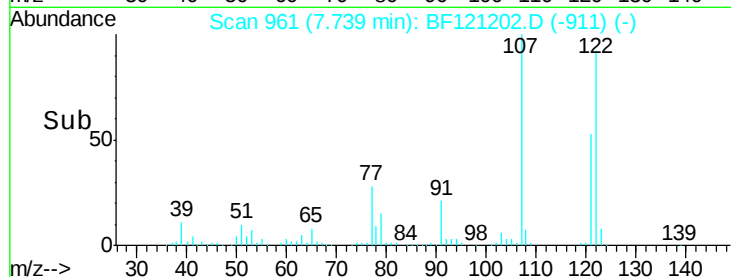
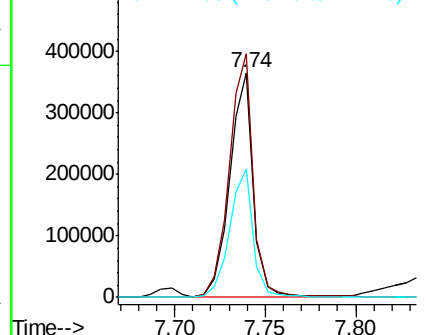
121 57.2 45.5 68.3



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: 39.930 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

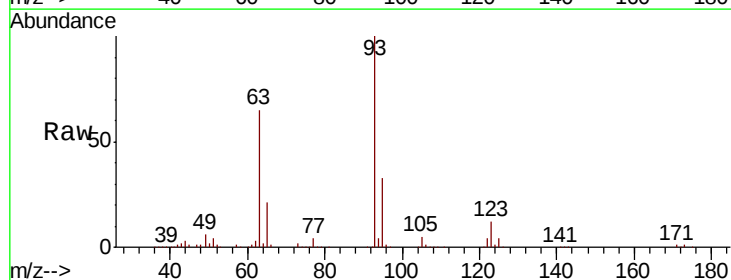
Tgt Ion: 93 Resp: 485439

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

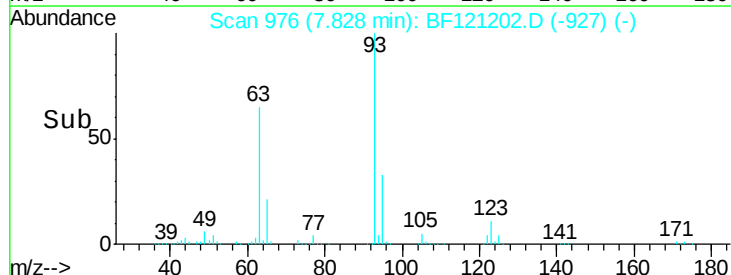
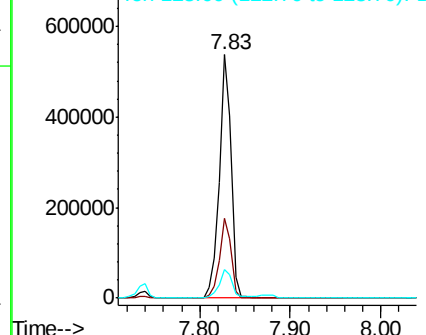
123 11.6 9.5 14.3



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

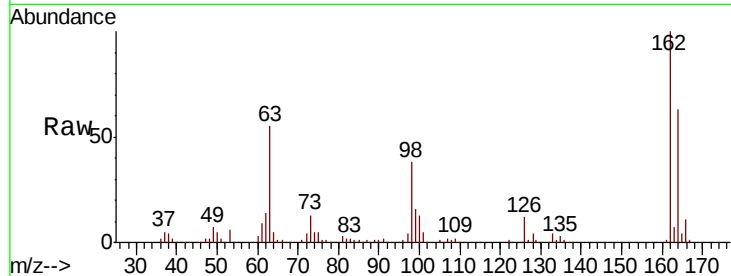




#29
 2,4-Dichlorophenol
 Concen: 40.448 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.7	84.7
98	37.7	14.2	54.2

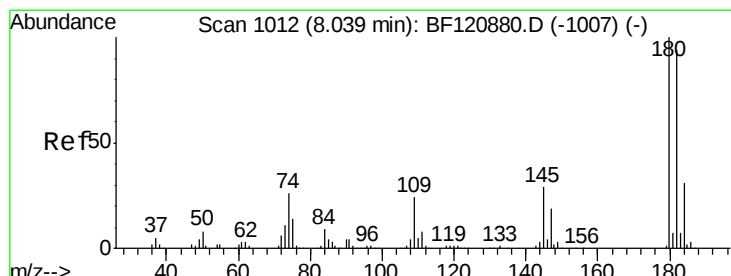
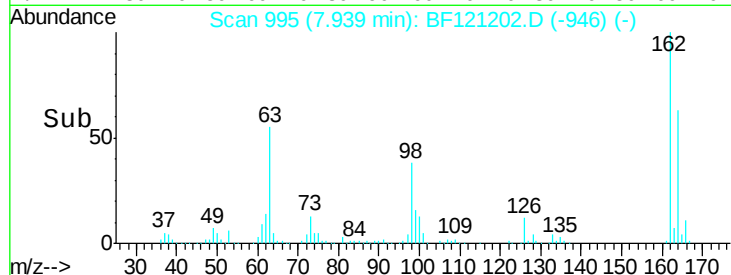
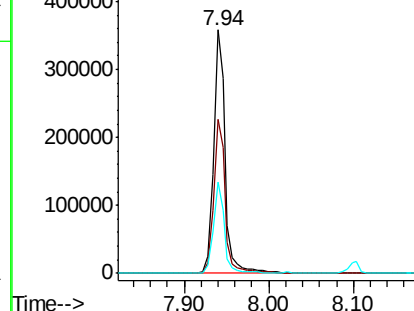


Abundance

Ion 162.00 (161.70 to 162.70): E

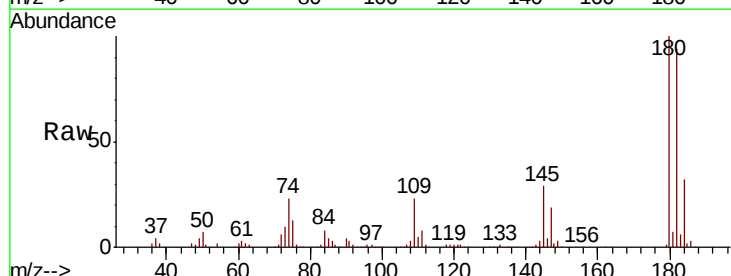
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.782 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.4	114.6
145	29.1	24.2	36.4

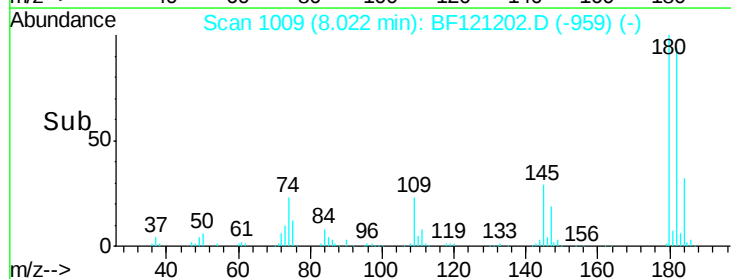
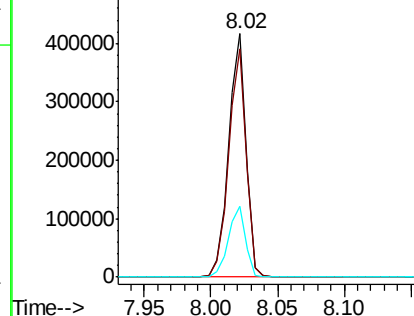


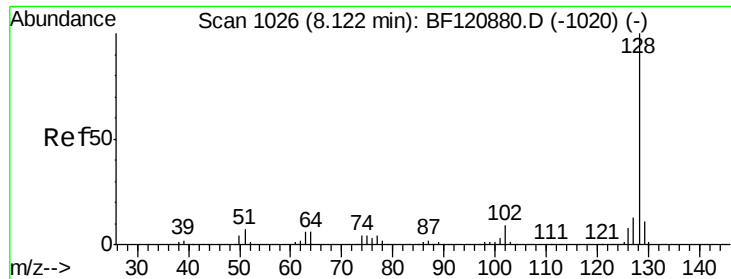
Abundance

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

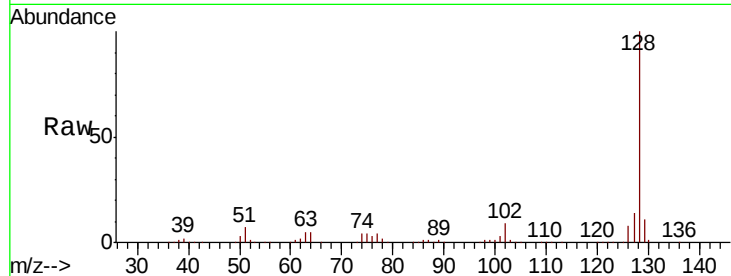




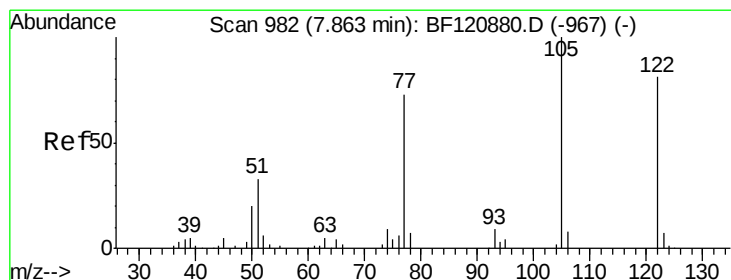
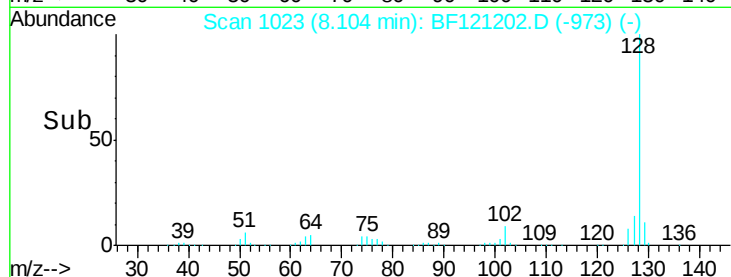
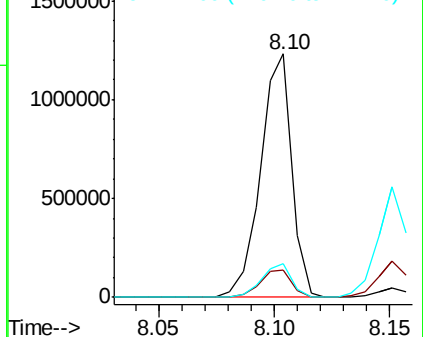
#31
Naphthalene
Concen: 39.115 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1158558
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.7 10.8 16.2

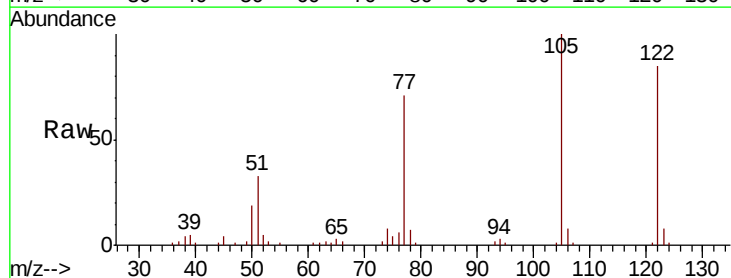


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

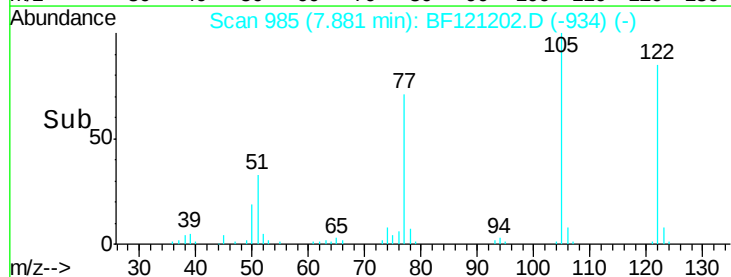
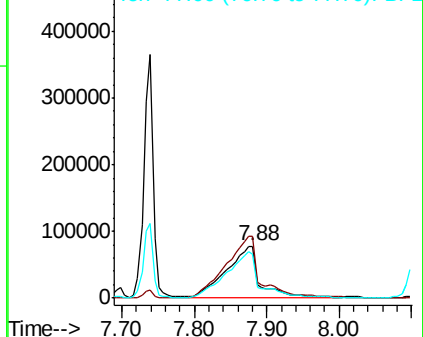


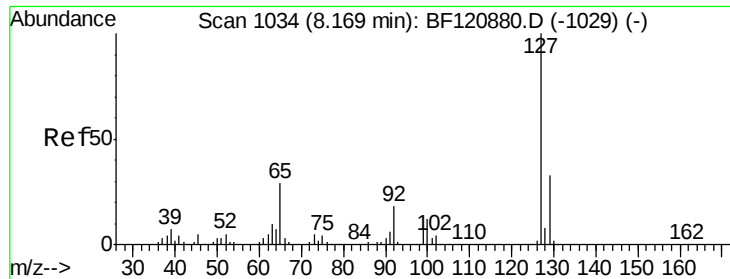
#32
Benzoic acid
Concen: 39.101 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:122 Resp: 243437
Ion Ratio Lower Upper
122 100
105 118.2 100.9 140.9
77 84.4 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

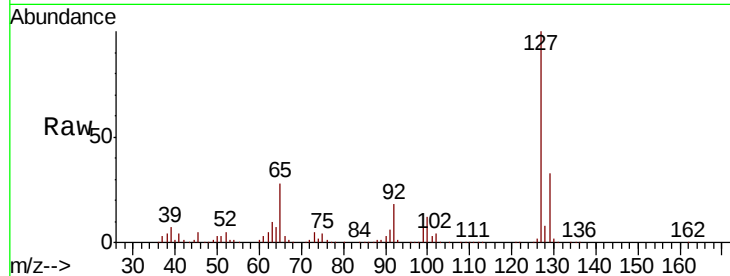




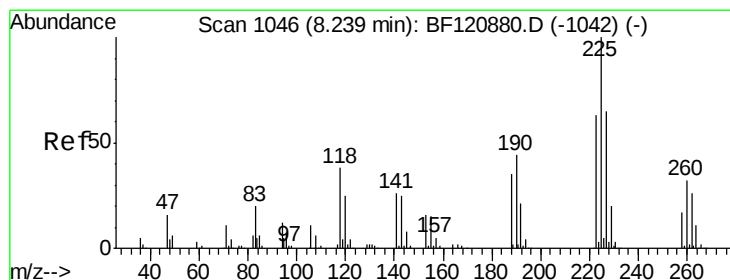
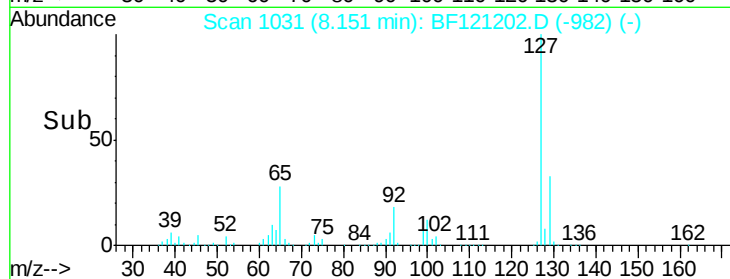
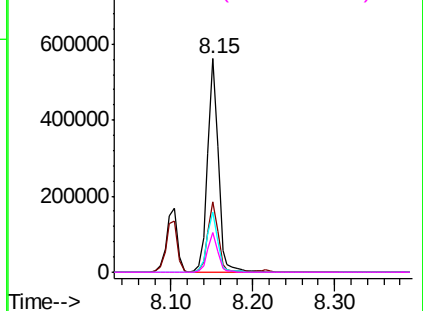
#33
4-Chloroaniline
Concen: 38.634 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	510478
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	28.1	21.4	32.0
92	18.5	13.8	20.8

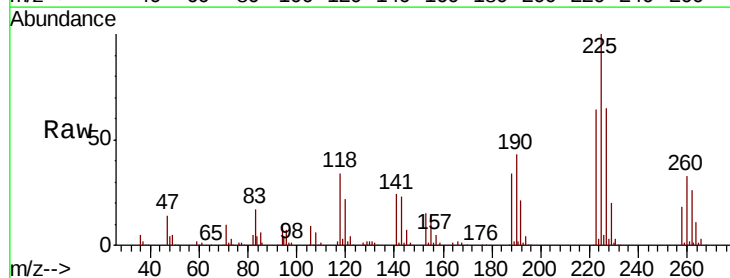


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

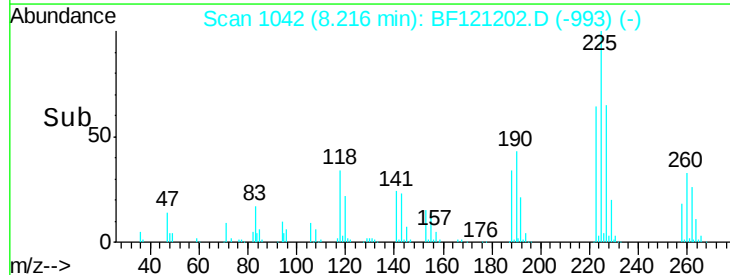
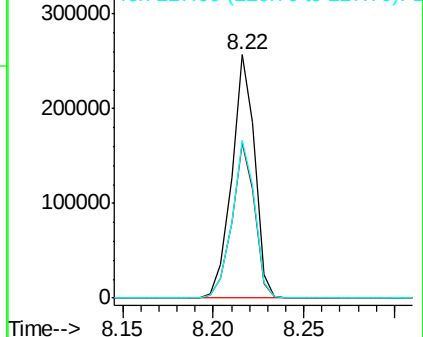


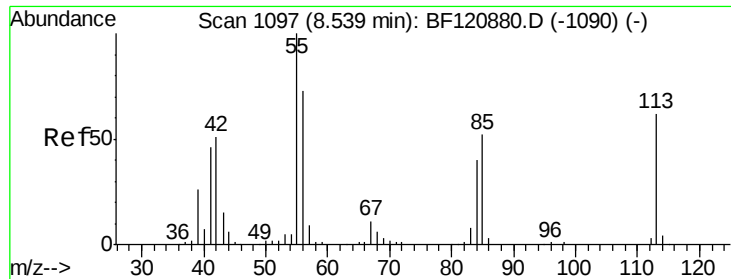
#34
Hexachlorobutadiene
Concen: 40.798 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:	225	Resp:	226145
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	64.7	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

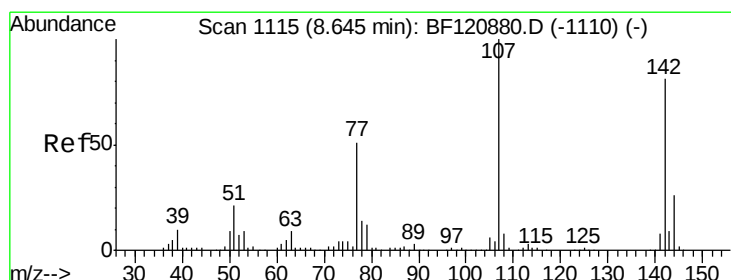
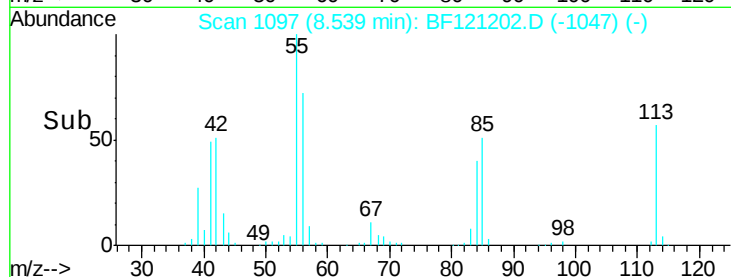
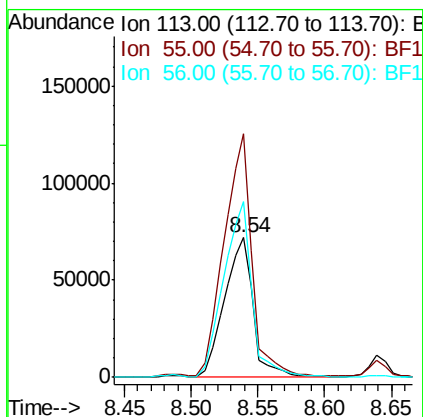
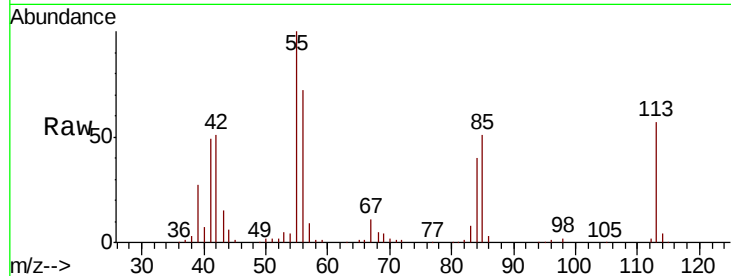




#35
Caprolactam
Concen: 40.091 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

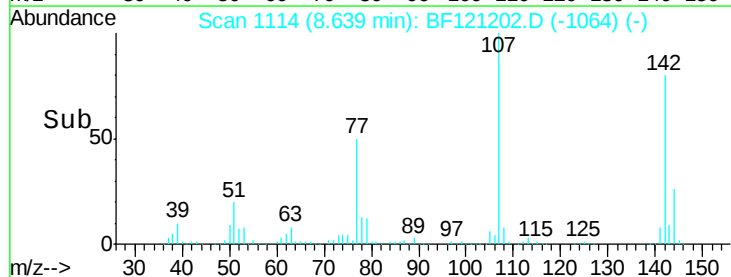
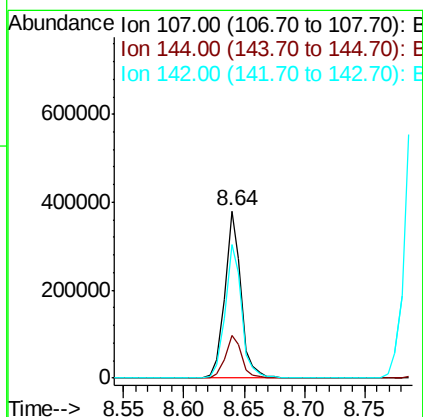
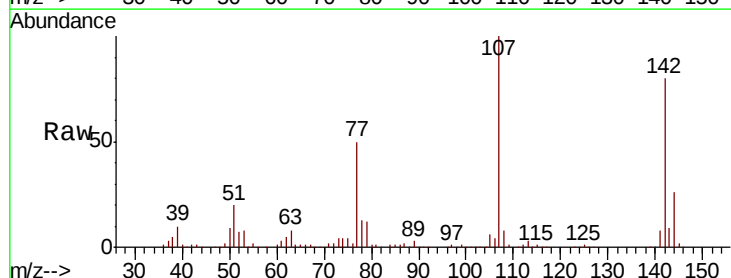
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

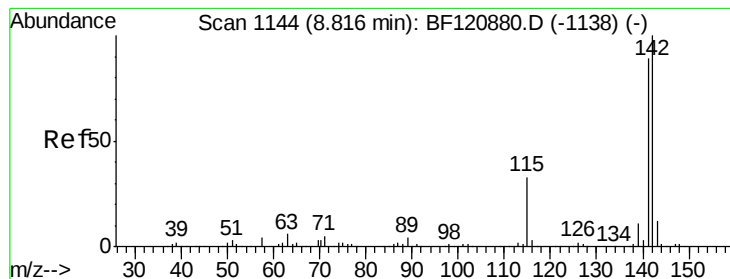
Tot Ion:113 Resp: 108958
Ion Ratio Lower Upper
113 100
55 174.7 131.0 171.0#
56 126.5 90.4 130.4



#36
4-Chloro-3-methylphenol
Concen: 40.578 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:107 Resp: 352704
Ion Ratio Lower Upper
107 100
144 25.7 20.9 31.3
142 80.3 64.5 96.7





#37

2-Methylnaphthalene

Concen: 39.966 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

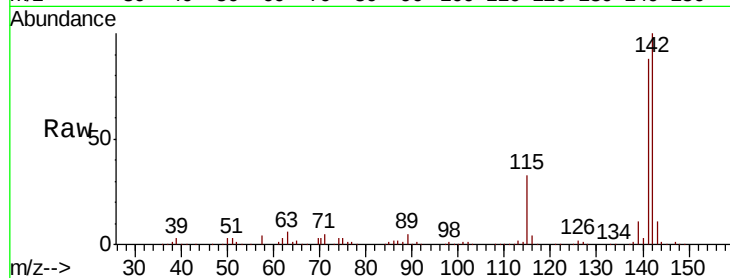
Tot Ion:142 Resp: 768628

Ion Ratio Lower Upper

142 100

141 88.1 70.6 105.8

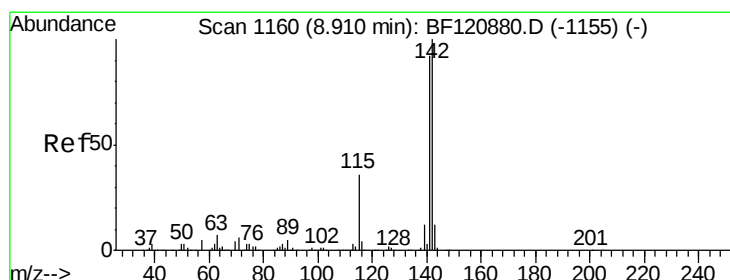
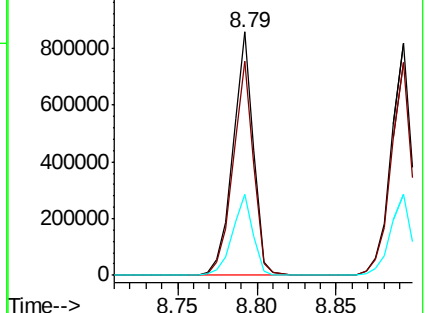
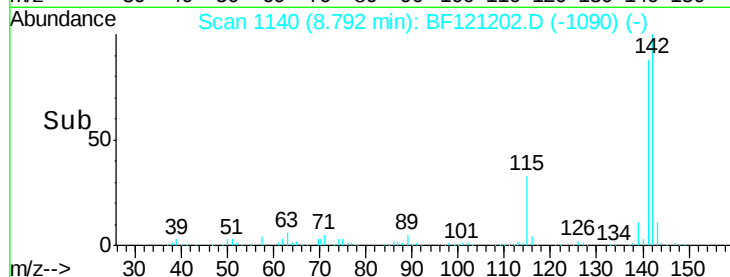
115 33.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.337 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

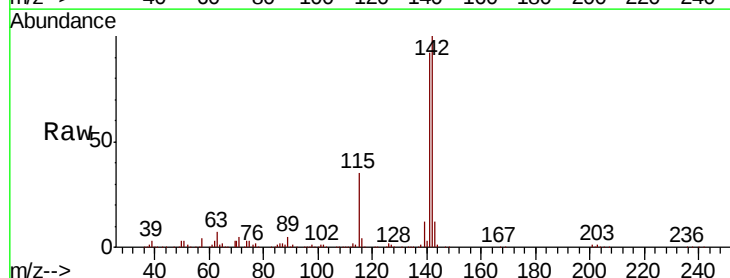
Tgt Ion:142 Resp: 716514

Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.6

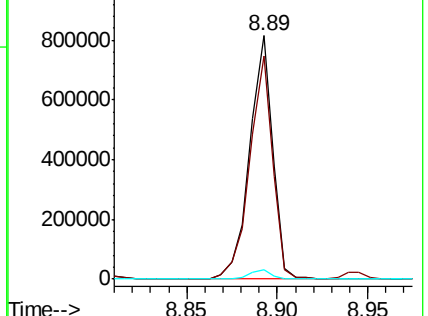
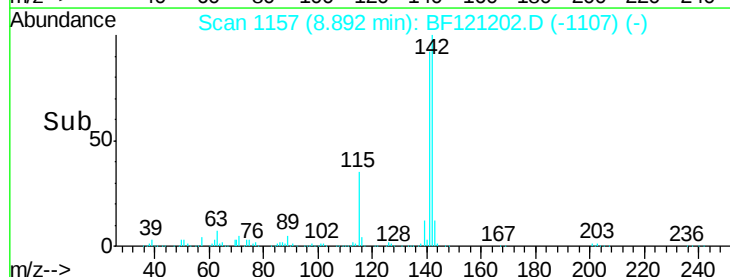
116 3.6 3.0 4.6

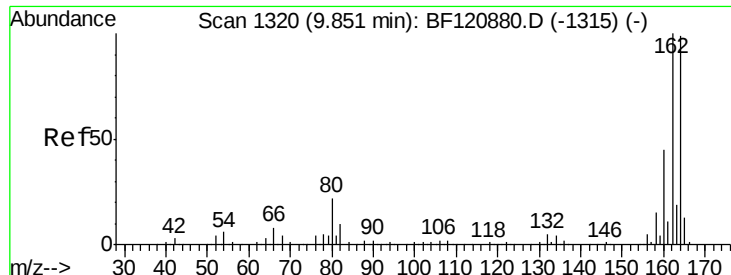


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

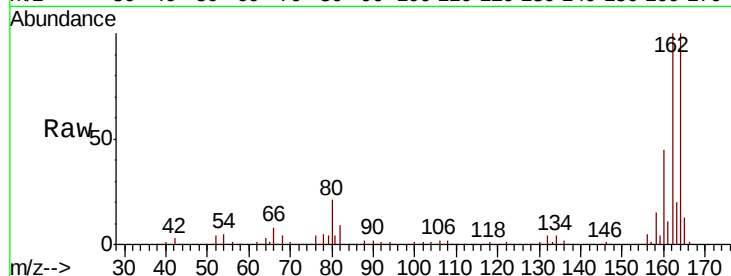
Tot Ion:164 Resp: 297920

Ion Ratio Lower Upper

164 100

162 100.5 82.2 123.2

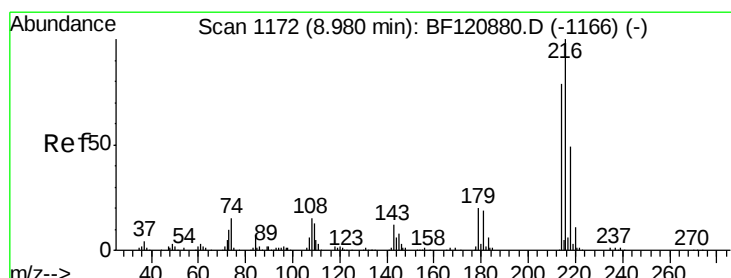
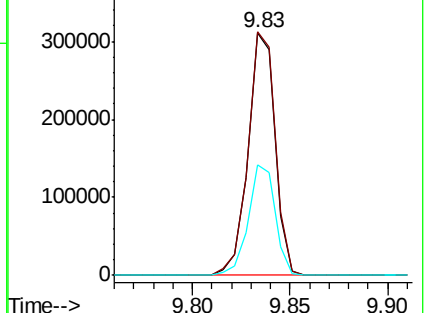
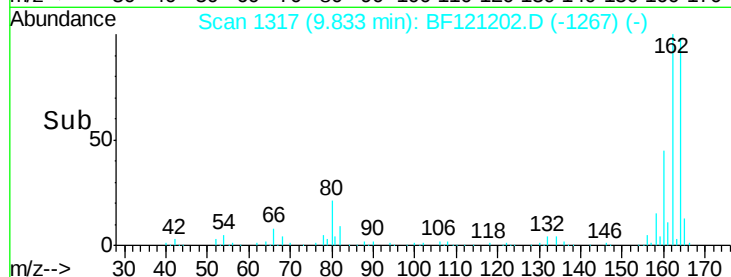
160 45.5 37.2 55.8



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: 41.295 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Tgt Ion:216 Resp: 358445

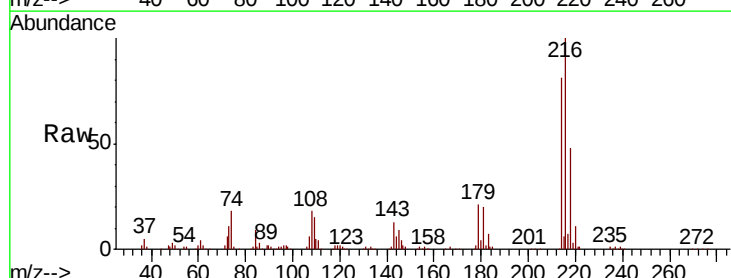
Ion Ratio Lower Upper

216 100

214 79.9 63.9 95.9

179 20.5 16.6 24.8

108 18.2 15.0 22.4

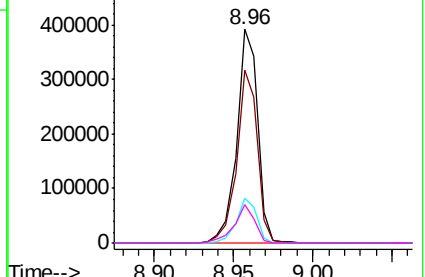
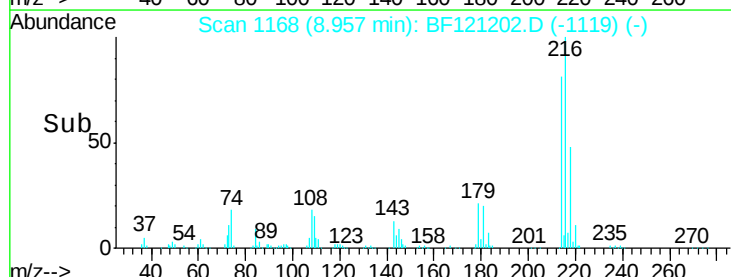


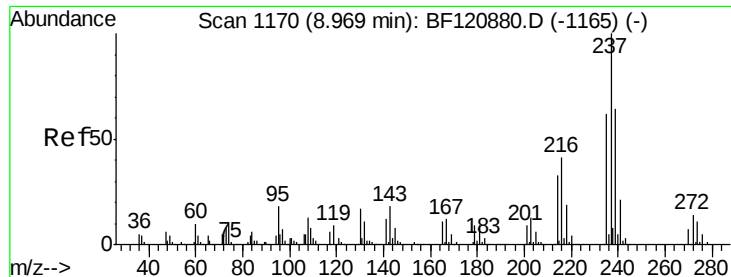
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.628 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

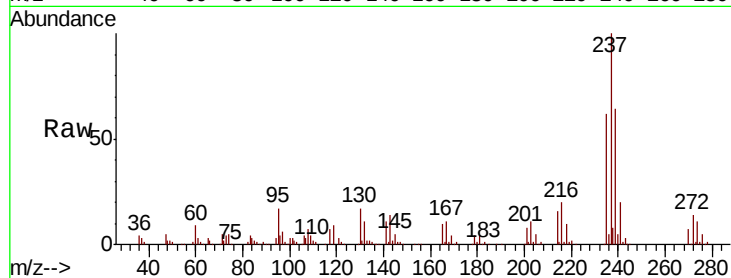
Tot Ion:237 Resp: 170917

Ion Ratio Lower Upper

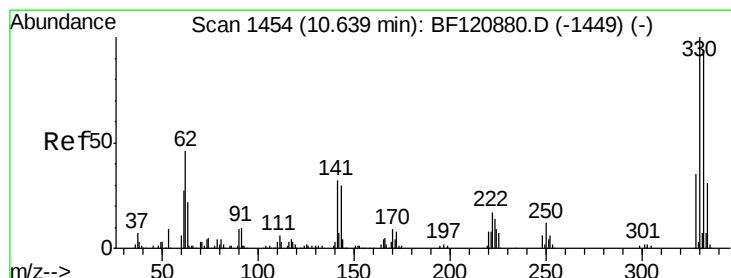
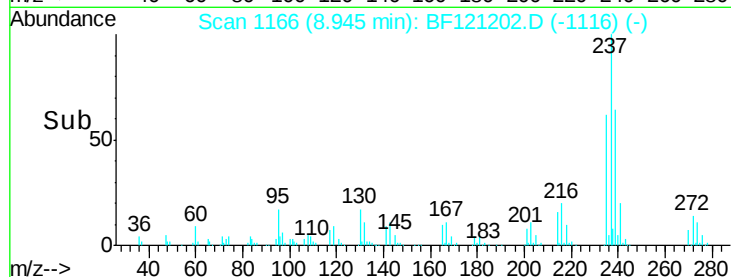
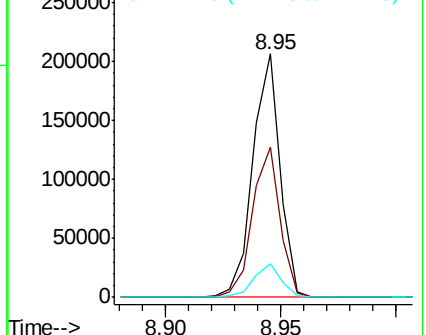
237 100

235 61.6 43.2 83.2

272 13.7 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: 80.346 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

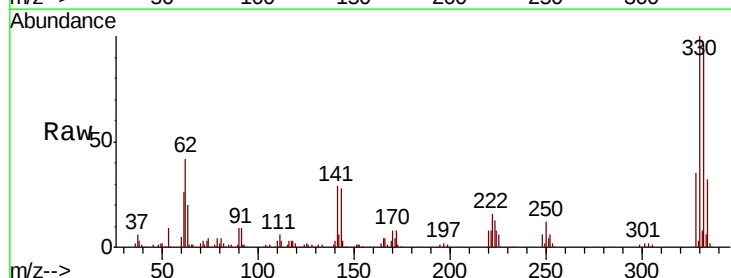
Tgt Ion:330 Resp: 262011

Ion Ratio Lower Upper

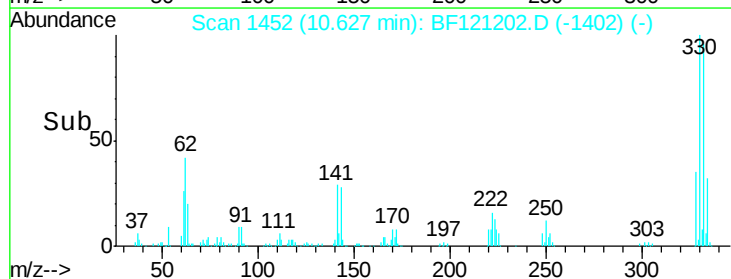
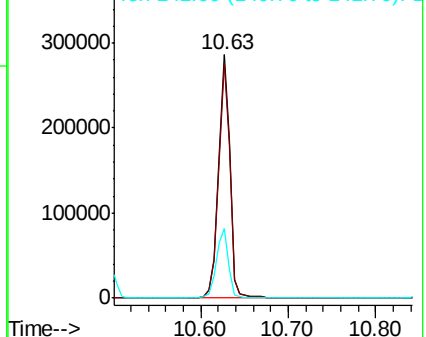
330 100

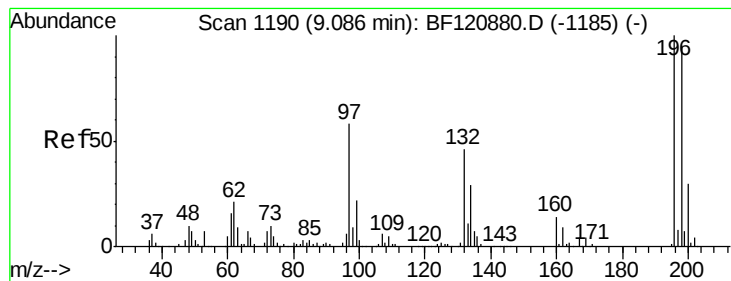
332 96.7 76.1 114.1

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: 39.482 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

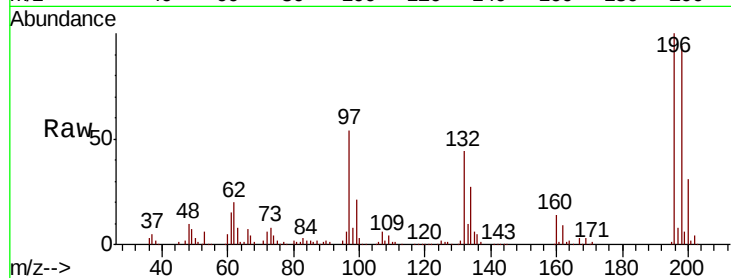
Tot Ion:196 Resp: 241297

Ion Ratio Lower Upper

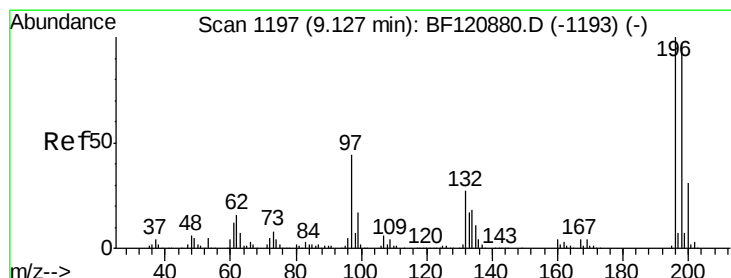
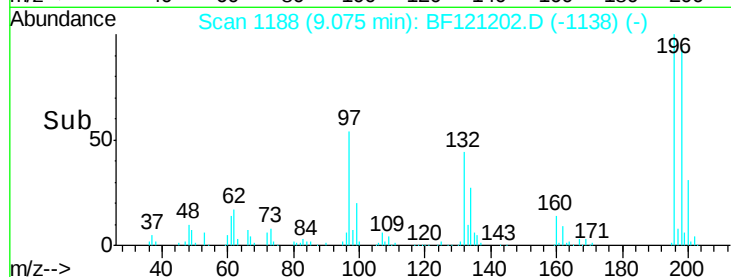
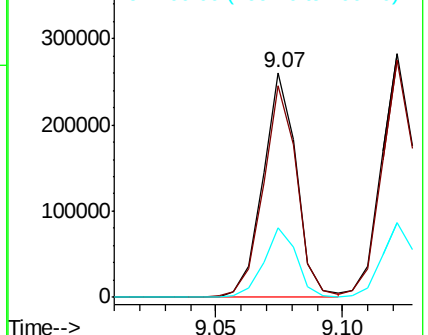
196 100

198 94.2 77.5 116.3

200 30.7 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.257 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Tgt Ion:196 Resp: 272152

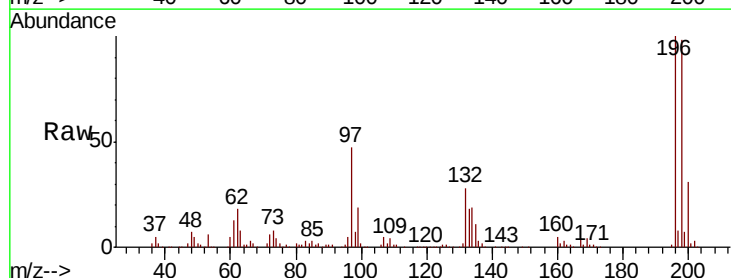
Ion Ratio Lower Upper

196 100

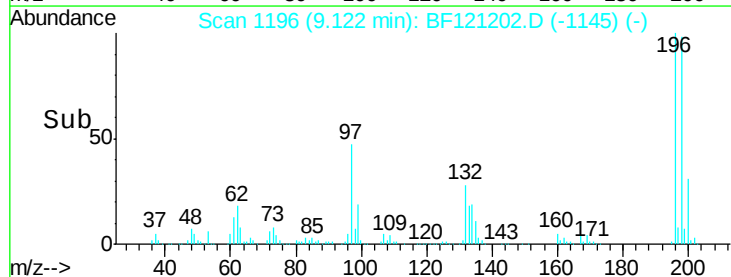
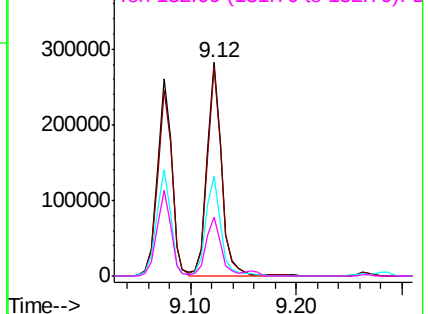
198 97.6 76.2 114.4

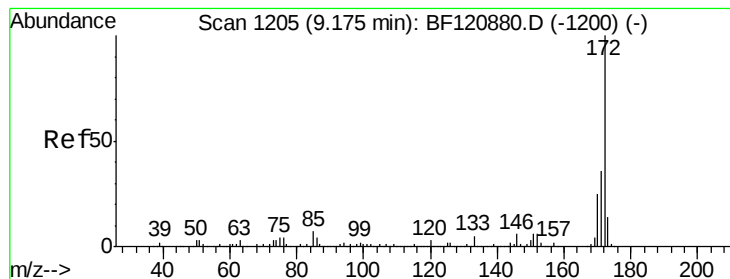
97 47.0 37.3 55.9

132 27.6 22.0 33.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 70.297 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

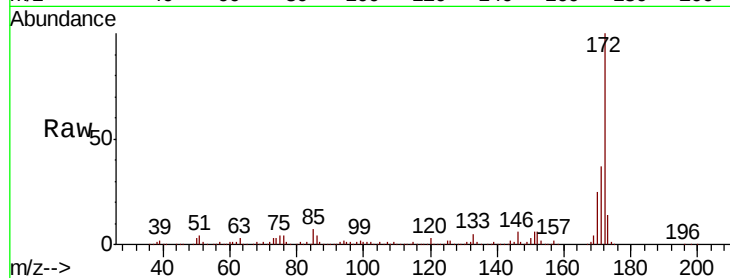
Tot Ion:172 Resp: 1402706

Ion Ratio Lower Upper

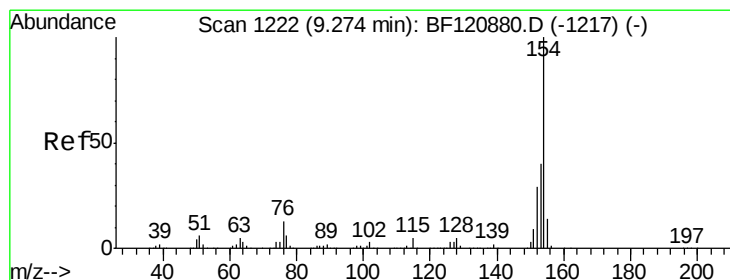
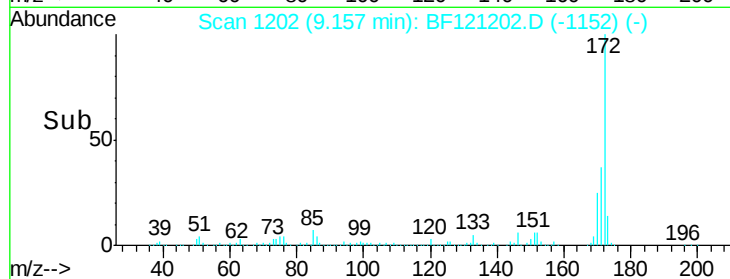
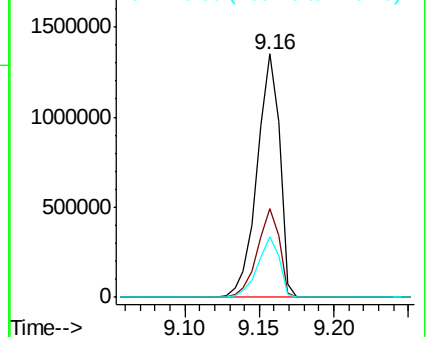
172 100

171 36.5 29.0 43.4

170 24.7 19.6 29.4



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



#46

1,1'-Biphenyl

Concen: 39.512 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

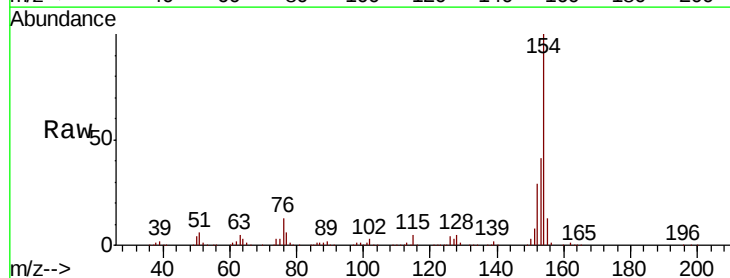
Tgt Ion:154 Resp: 897913

Ion Ratio Lower Upper

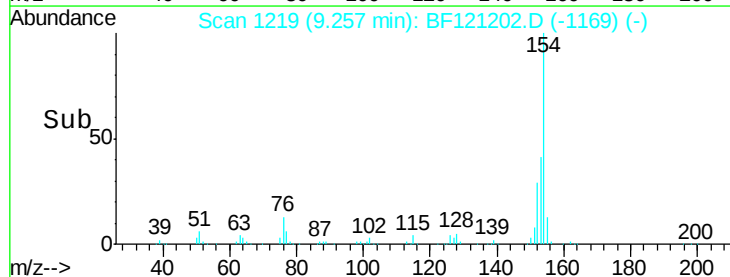
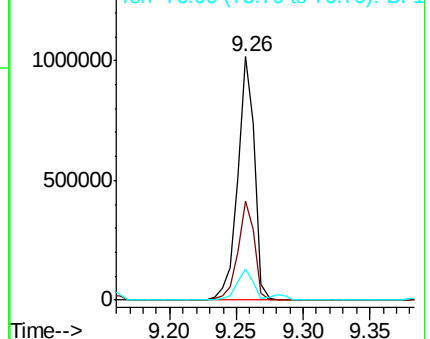
154 100

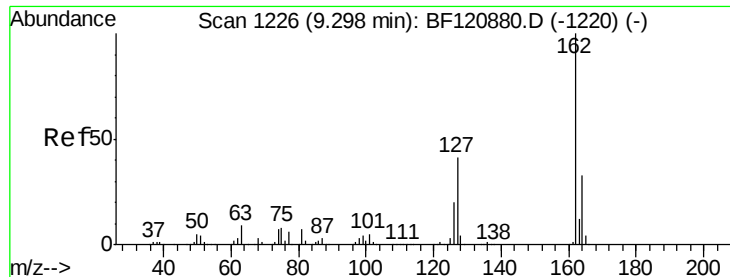
153 40.7 20.6 60.6

76 13.0 0.0 33.4



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

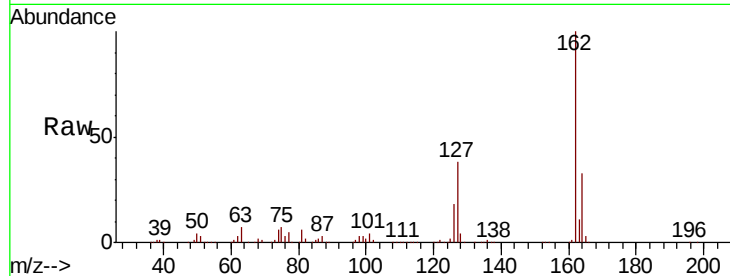




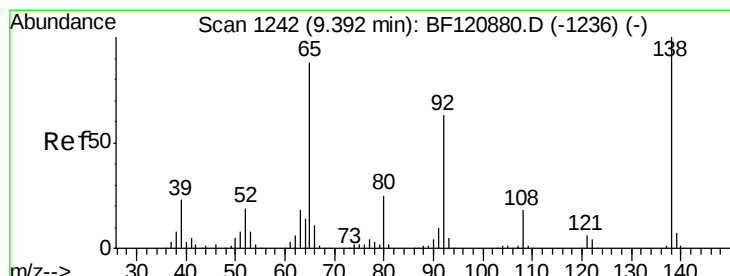
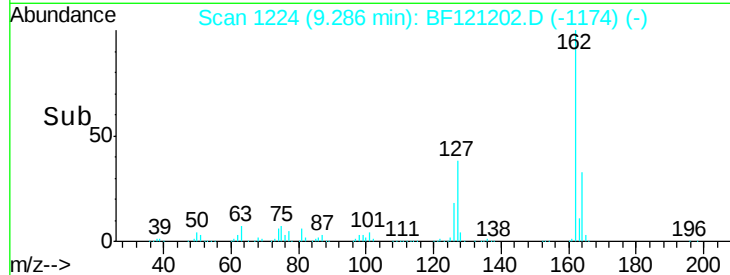
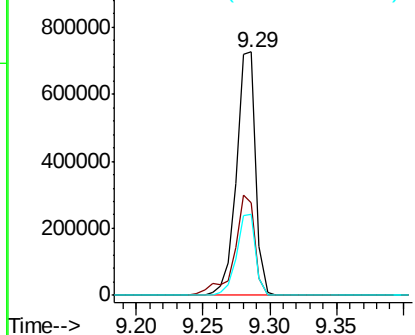
#47
 2-Chloronaphthalene
 Concen: 39.543 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	732653
Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.1	46.7
164	33.5	26.6	40.0

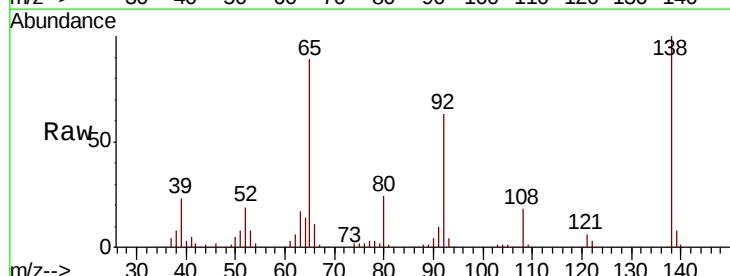


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

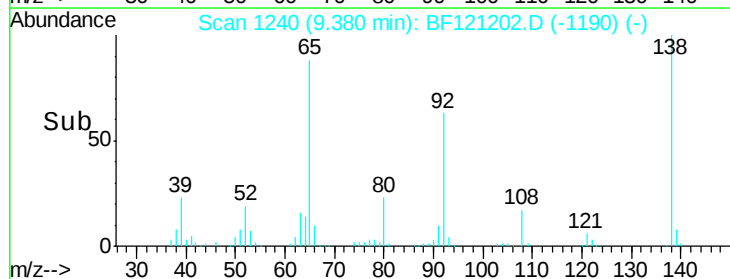
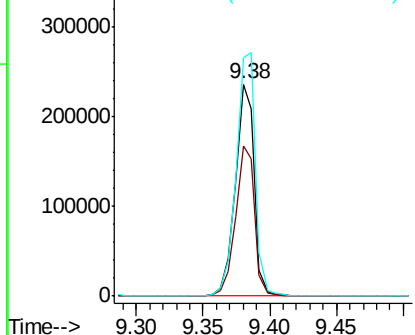


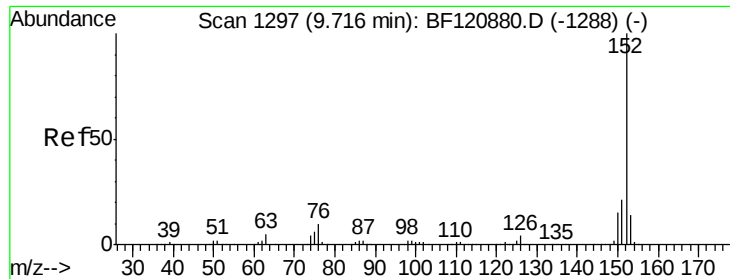
#48
 2-Nitroaniline
 Concen: 42.088 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion:	65	Resp:	235665
Ion	Ratio	Lower	Upper
65	100		
92	70.9	58.0	87.0
138	112.9	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: 39.258 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

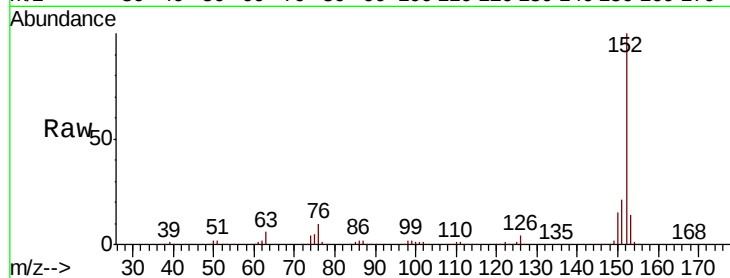
Tot Ion:152 Resp: 1130006

Ion Ratio Lower Upper

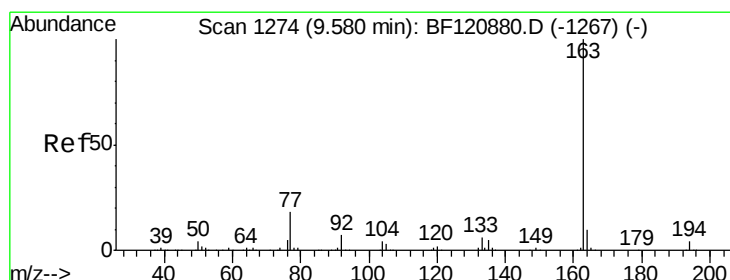
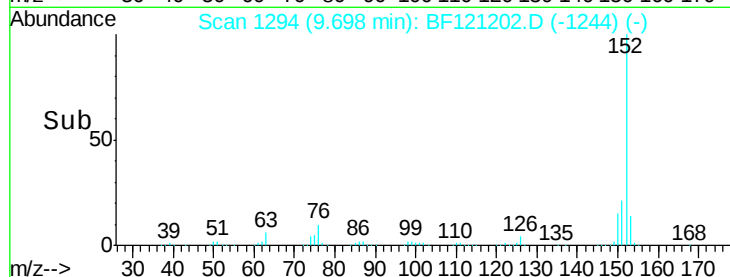
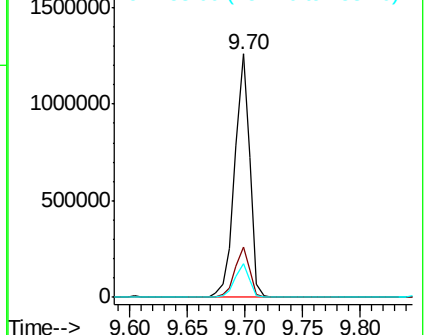
152 100

151 20.6 16.6 25.0

153 13.7 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: 40.682 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

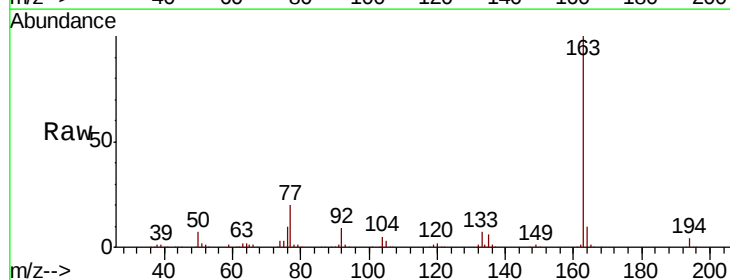
Tgt Ion:163 Resp: 874390

Ion Ratio Lower Upper

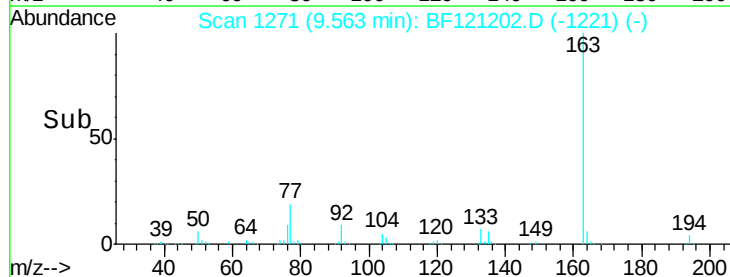
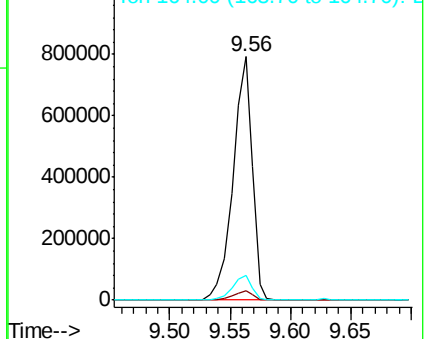
163 100

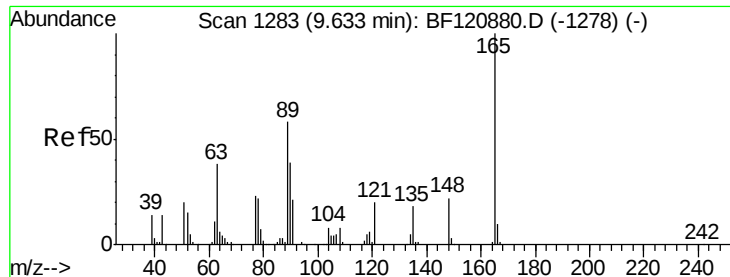
194 3.8 3.0 4.4

164 10.1 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

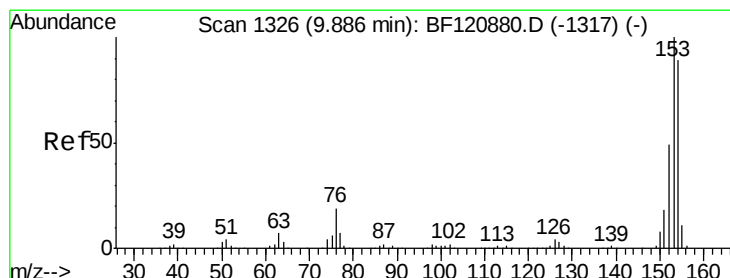
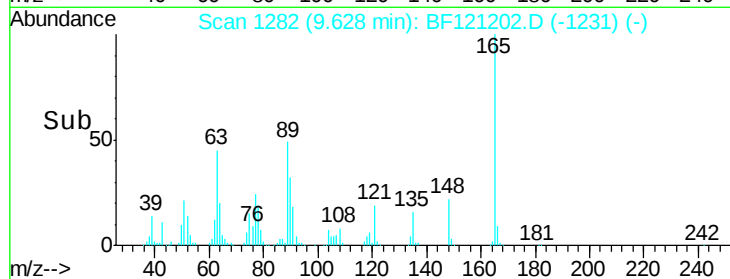
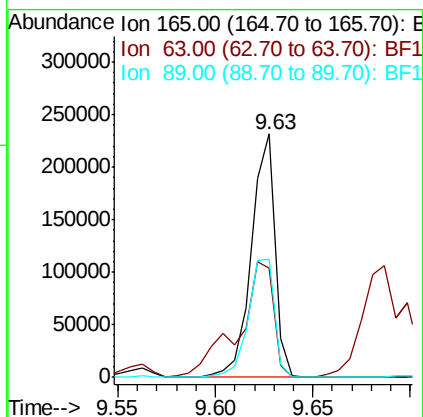
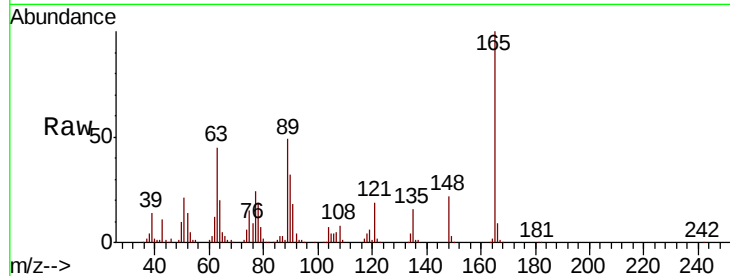




#51
 2,6-Dinitrotoluene
 Concen: 42.151 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

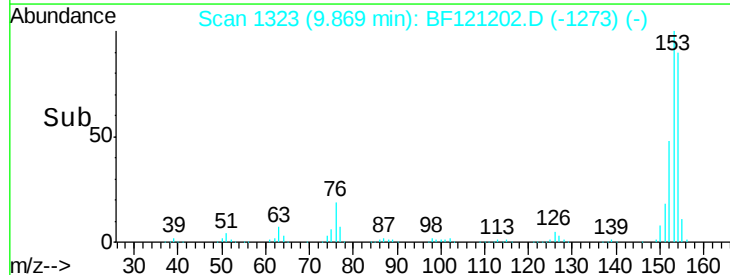
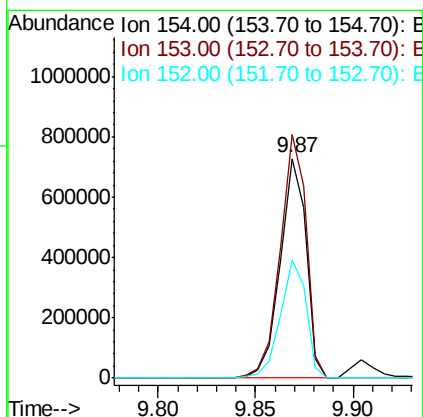
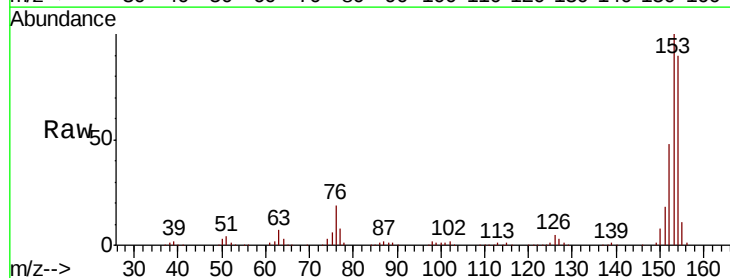
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

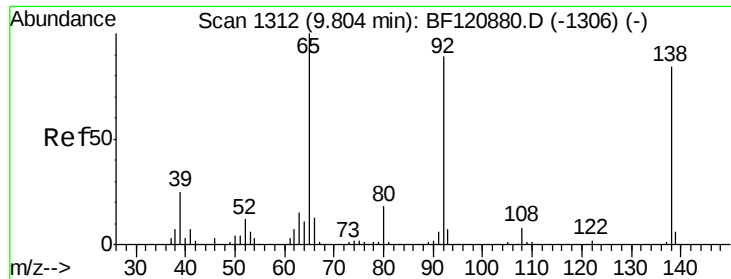
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.9	41.1	61.7
89	48.6	43.5	65.3



#52
 Acenaphthene
 Concen: 36.713 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.6	134.4
152	53.8	43.8	65.6

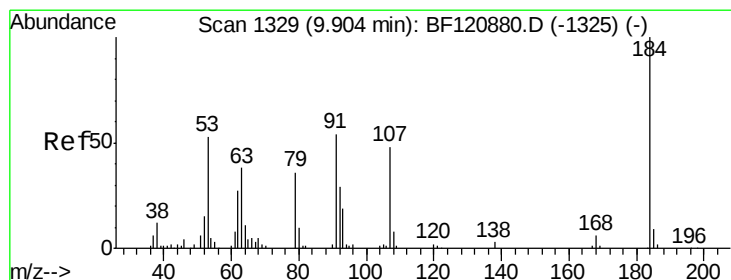
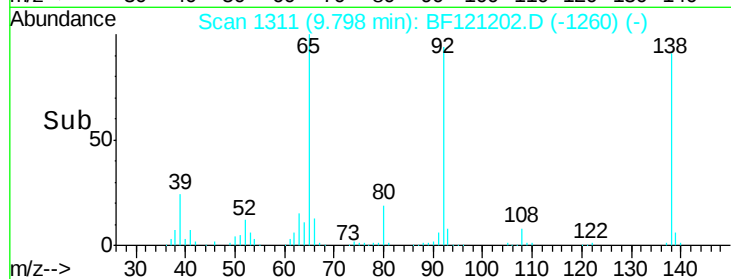
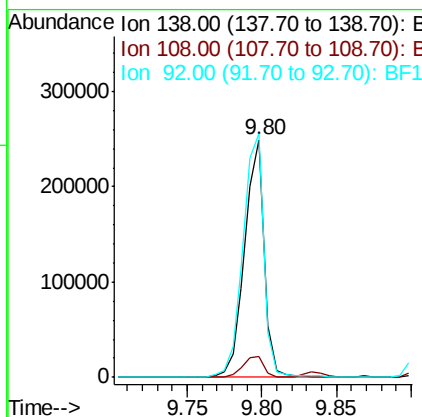
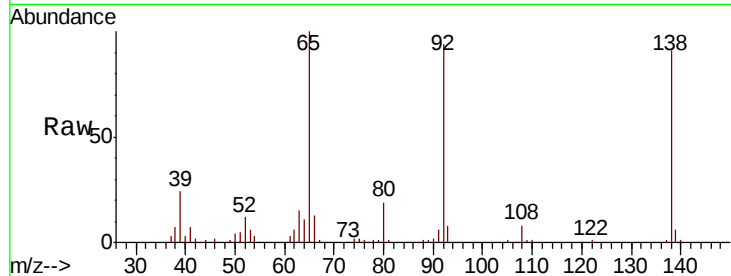




#53
 3-Nitroaniline
 Concen: 39.368 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

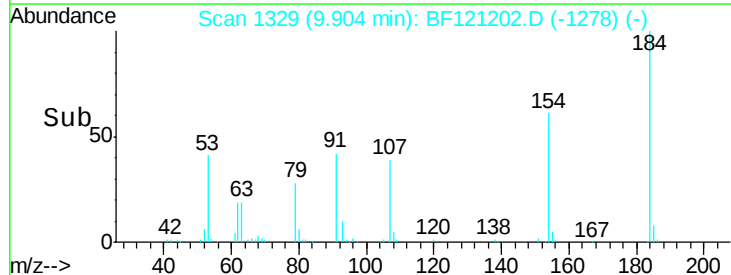
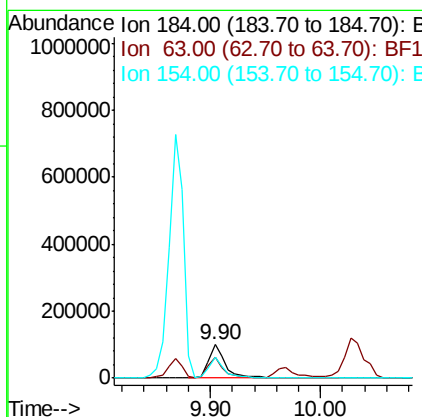
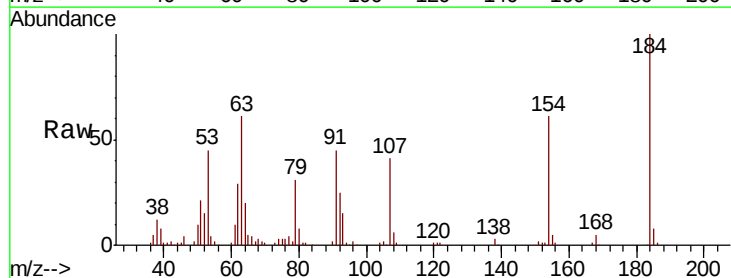
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

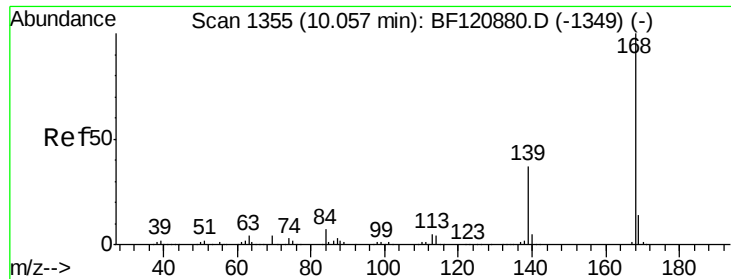
Tot Ion:138 Resp: 227993
 Ion Ratio Lower Upper
 138 100
 108 8.9 7.8 11.8
 92 102.6 85.0 127.4



#54
 2,4-Dinitrophenol
 Concen: 42.288 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion:184 Resp: 103036
 Ion Ratio Lower Upper
 184 100
 63 61.1 42.5 63.7
 154 61.3 46.8 70.2

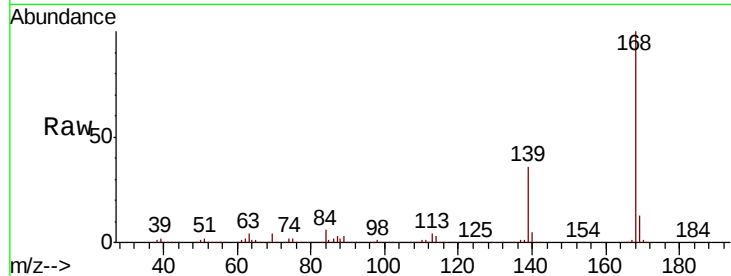




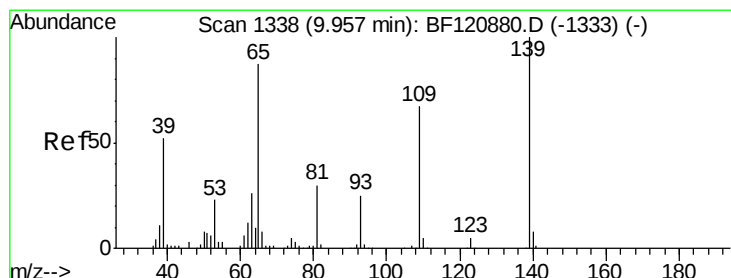
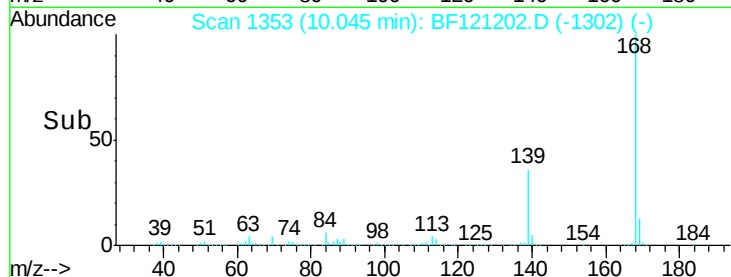
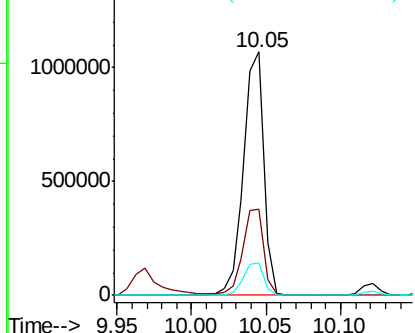
#55
Dibenzofuran
Concen: 38.166 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1010000
Ion Ratio Lower Upper
168 100
139 35.5 30.1 45.1
169 13.2 11.3 16.9

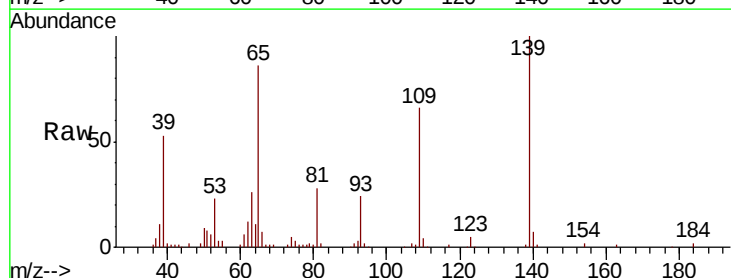


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

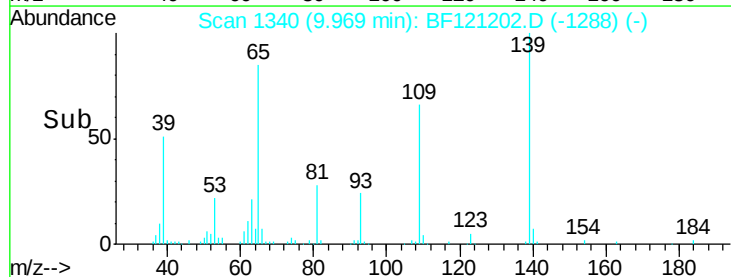
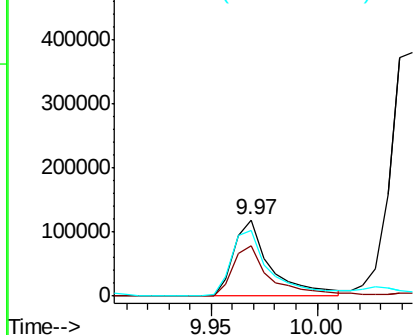


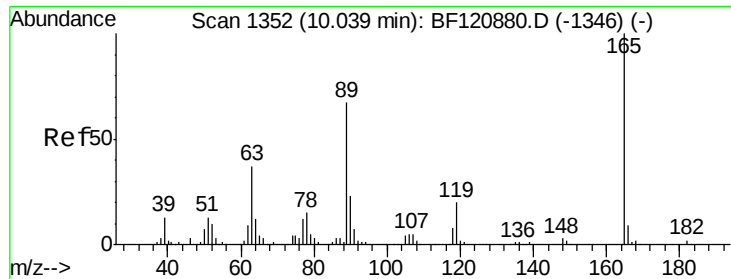
#56
4-Nitrophenol
Concen: 32.342 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:139 Resp: 142280
Ion Ratio Lower Upper
139 100
109 66.0 44.8 84.8
65 85.7 65.6 105.6



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

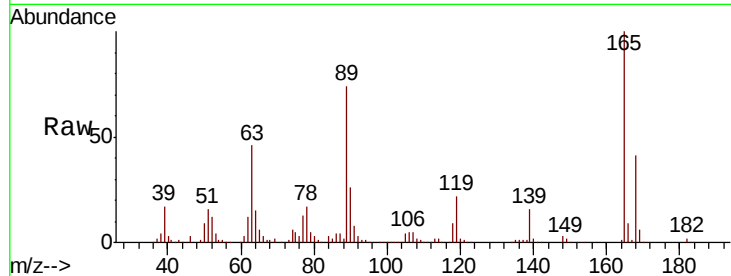




#57
2,4-Dinitrotoluene
Concen: 42.012 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	29.8	44.8#
89	74.2	50.3	75.5
182	2.5	2.1	3.1



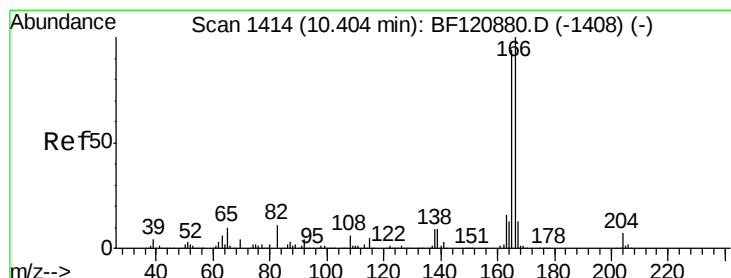
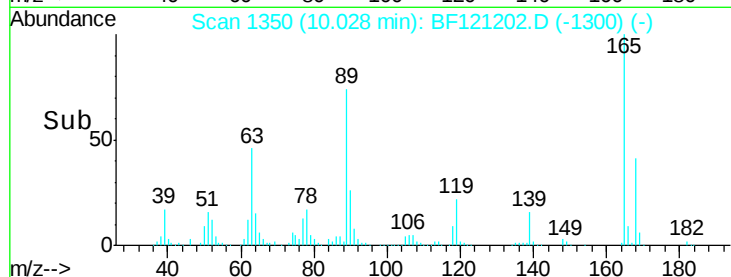
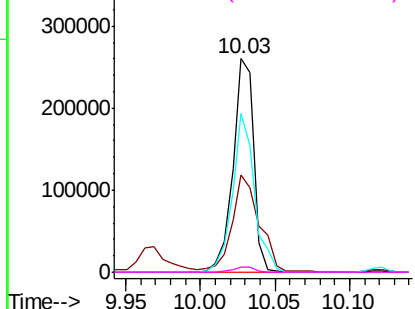
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

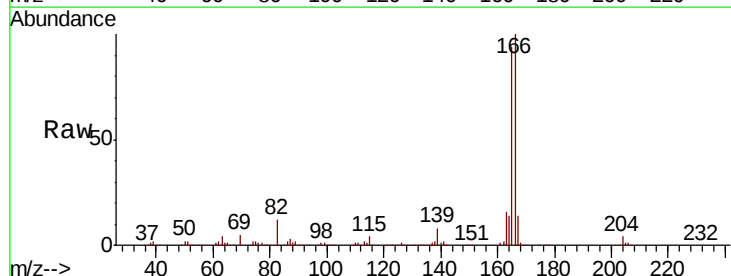
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.410 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.3	76.4	114.6
167	13.6	10.7	16.1

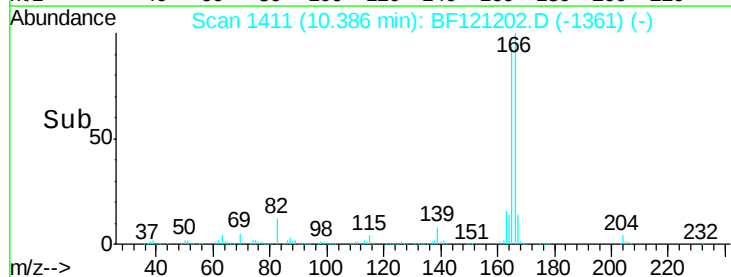
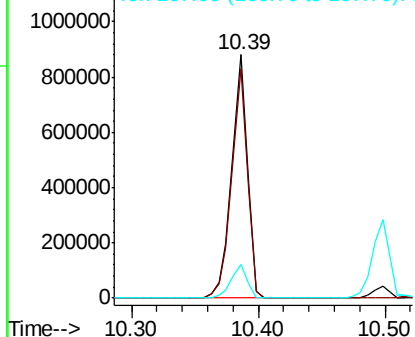


Abundance

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

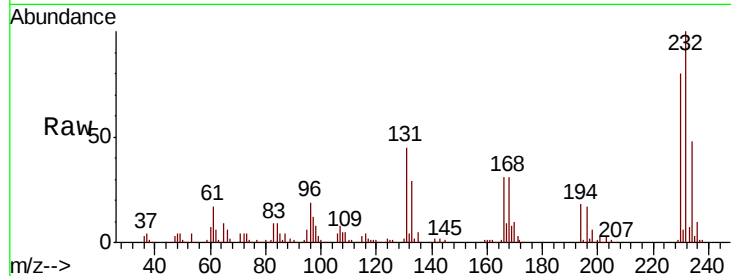




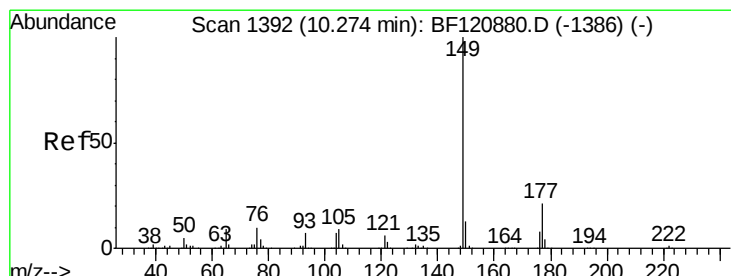
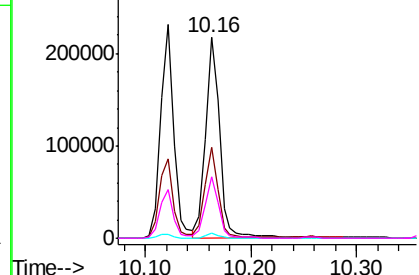
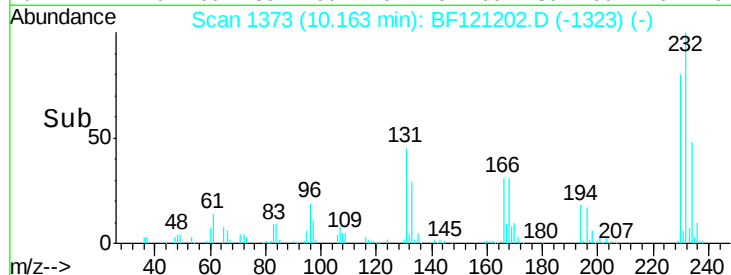
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.800 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	199521
Ion	Ratio	Lower	Upper
232	100		
131	45.1	34.2	51.2
130	2.1	1.7	2.5
166	29.2	23.1	34.7

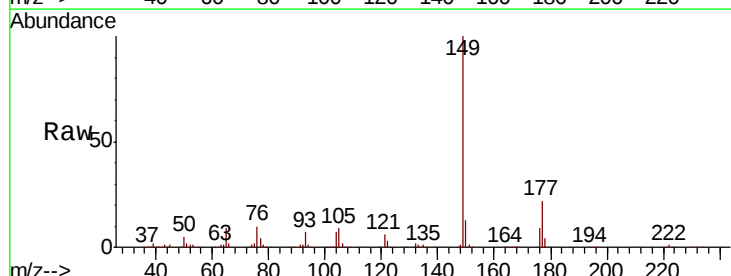


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

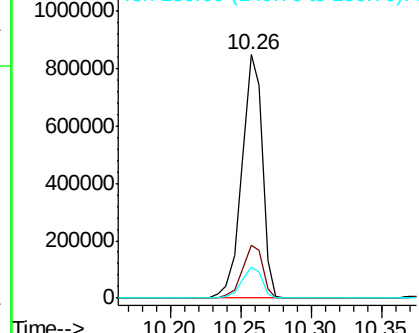
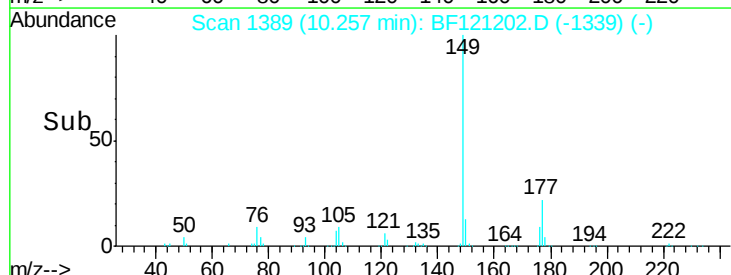


#60
 Diethylphthalate
 Concen: 39.283 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion:	149	Resp:	854003
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.6	26.4
150	13.0	10.2	15.4



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

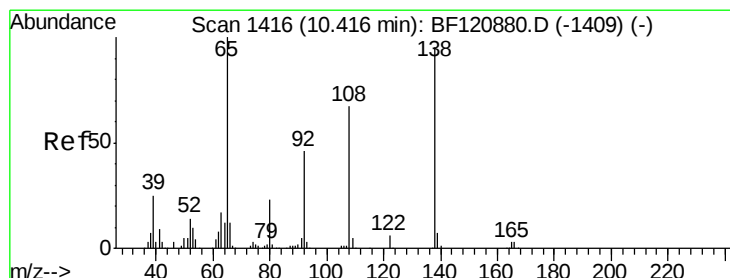
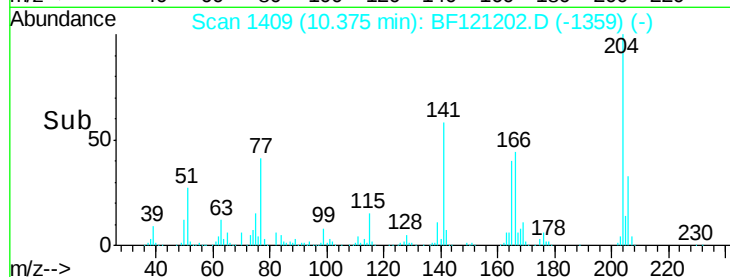
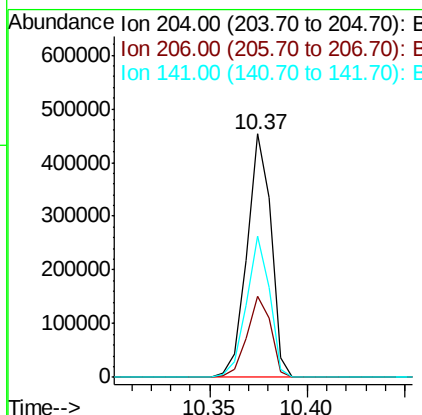
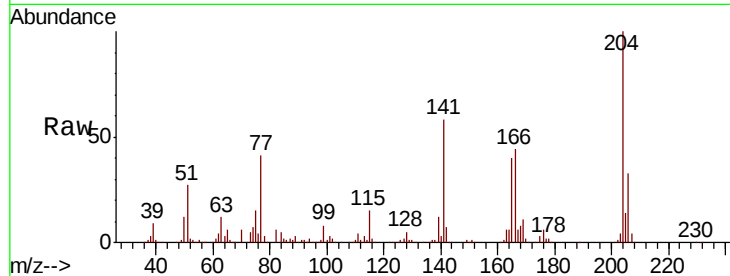




#61
 4-Chlorophenyl-phenylether
 Concen: 36.736 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

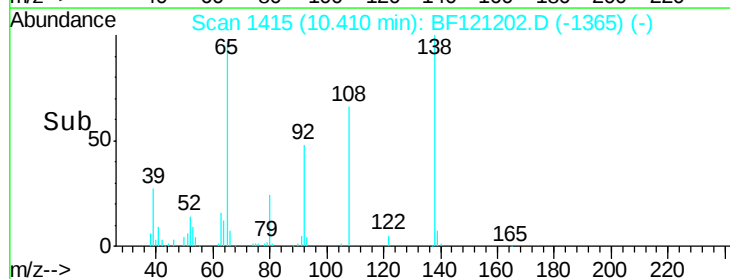
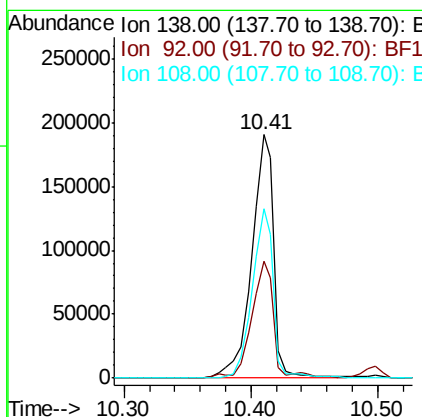
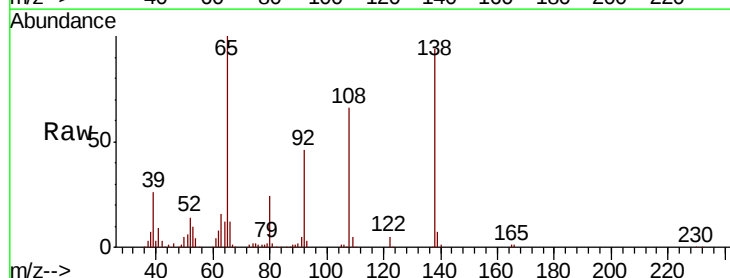
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

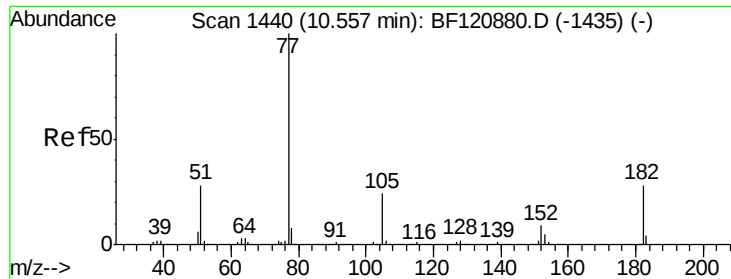
Tot Ion:	204	Resp:	386731
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	58.3	46.9	70.3



#62
 4-Nitroaniline
 Concen: 41.192 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion:	138	Resp:	232378
Ion	Ratio	Lower	Upper
138	100		
92	48.2	25.2	65.2
108	69.5	46.7	86.7





#63

Azobenzene

Concen: 38.938 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 805890

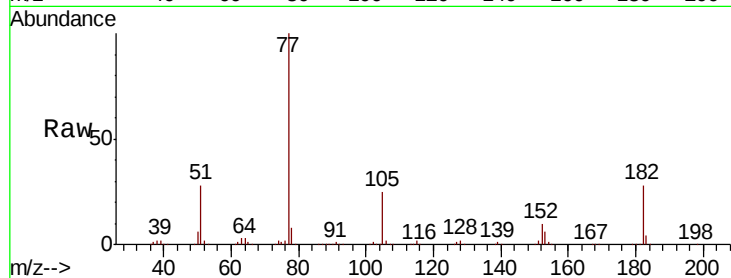
Ion Ratio Lower Upper

77 100

182 28.3 4.5 44.5

105 24.6 3.4 43.4

51 28.3 8.7 48.7

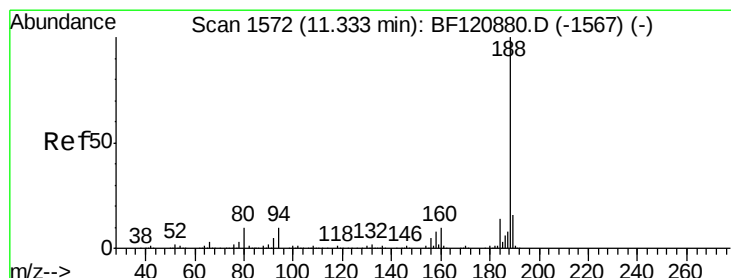
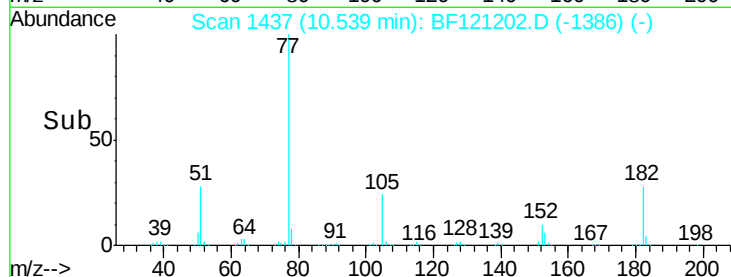
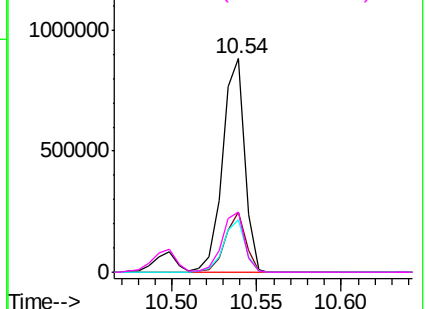


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF121202.D

Acq: 6 Aug 2020 15:03

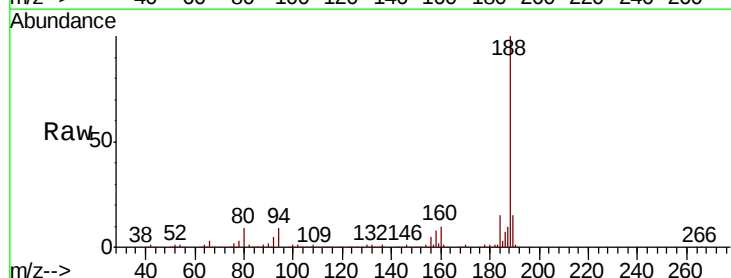
Tgt Ion: 188 Resp: 561272

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

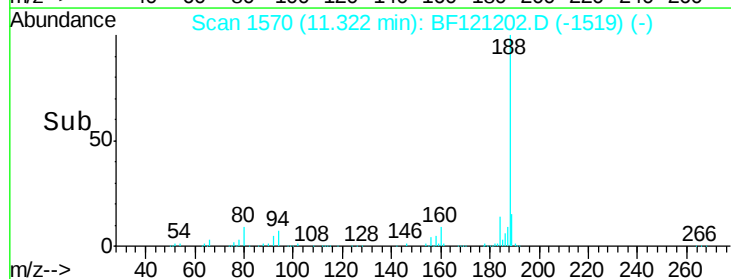
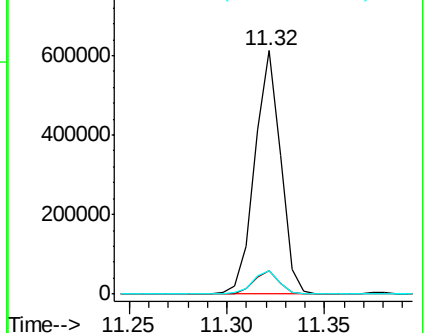
80 9.4 8.3 12.5



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

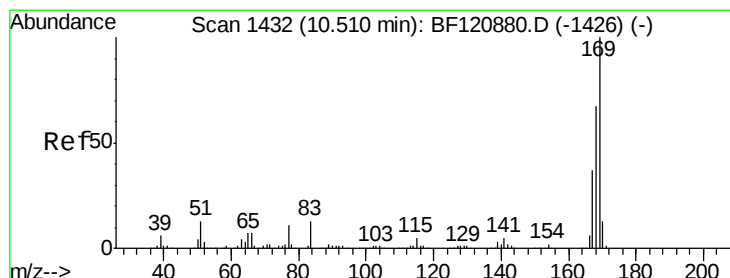
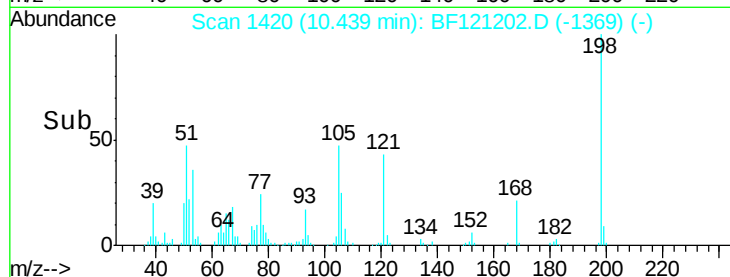
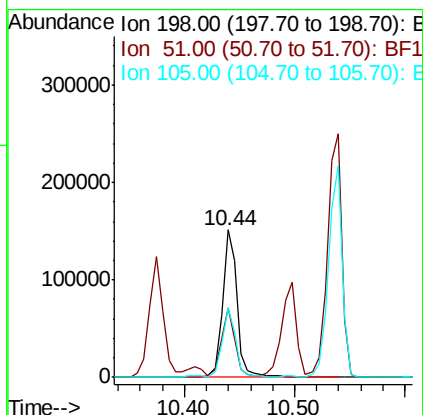
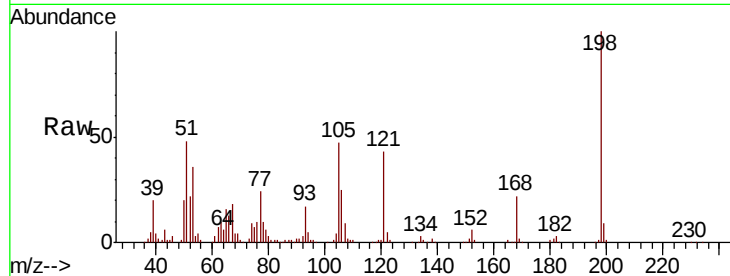




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.309 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

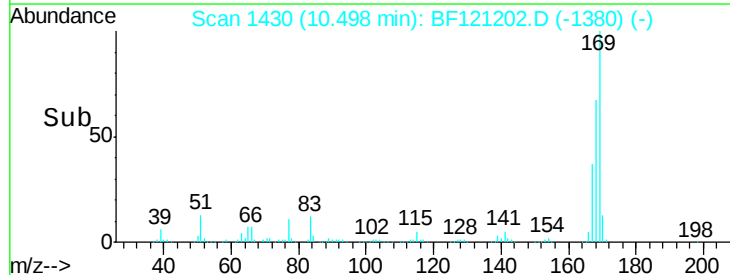
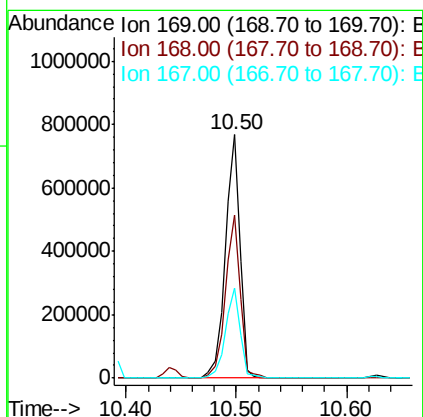
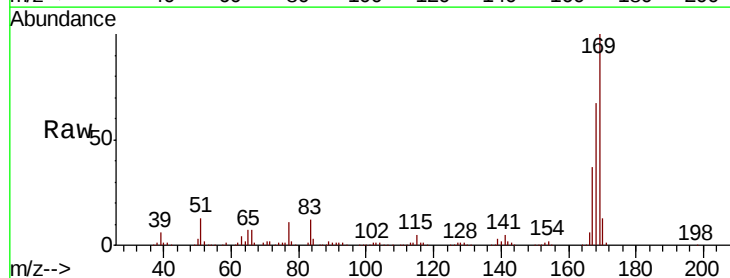
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:198 Resp: 139358
 Ion Ratio Lower Upper
 198 100
 51 47.5 23.4 63.4
 105 46.9 23.7 63.7



#66
 n-Nitrosodiphenylamine
 Concen: 40.235 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion:169 Resp: 710414
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.7 80.5
 167 37.1 30.0 45.0

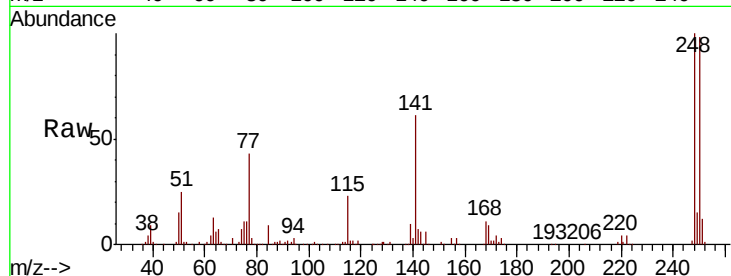




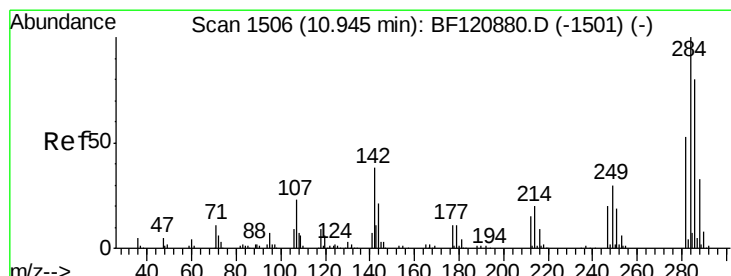
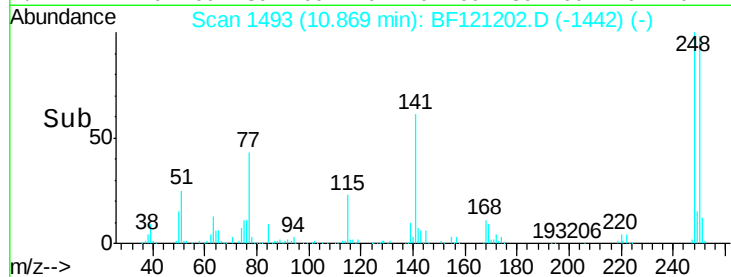
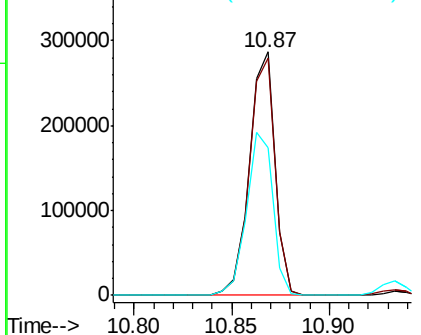
#67
 4-Bromophenyl-phenylether
 Concen: 41.601 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.6
141	60.6	56.6	85.0

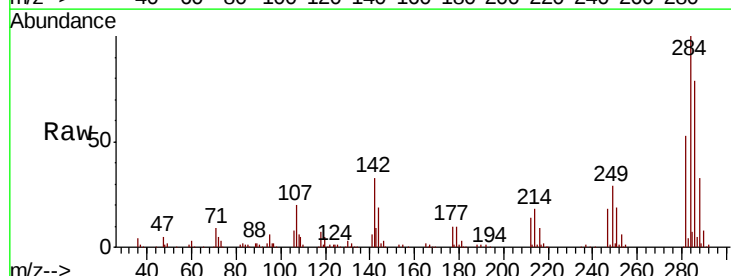


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

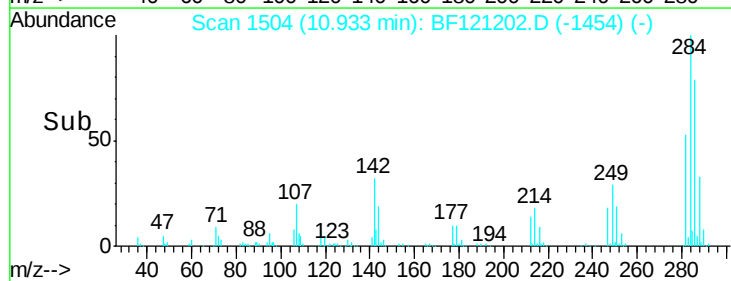
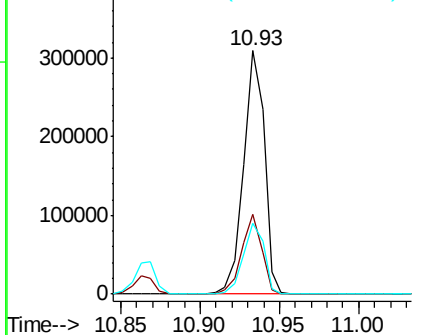


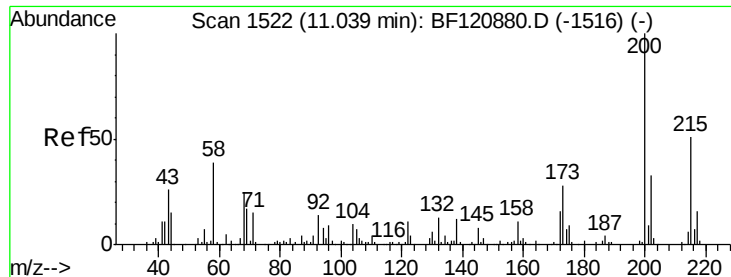
#68
 Hexachlorobenzene
 Concen: 41.520 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	21.1	31.7#
249	29.2	22.5	33.7



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

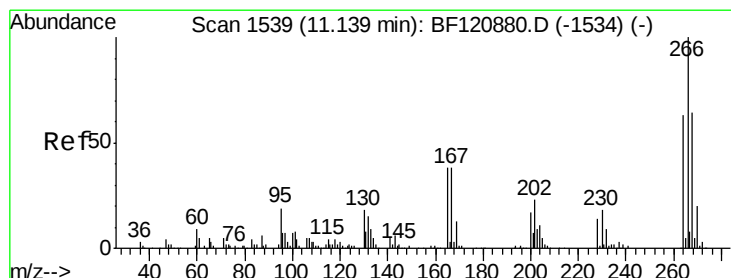
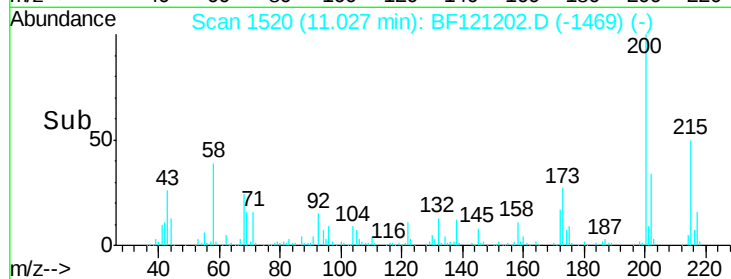
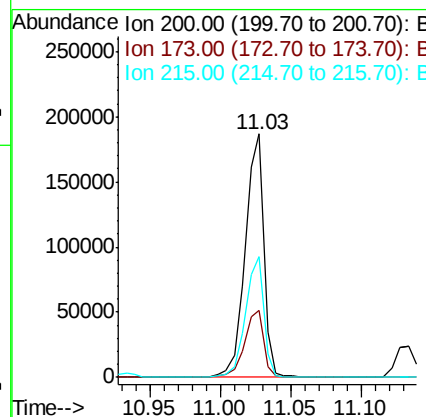
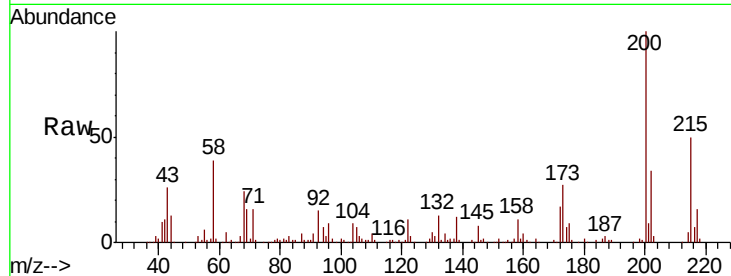




#69
 Atrazine
 Concen: 39.175 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

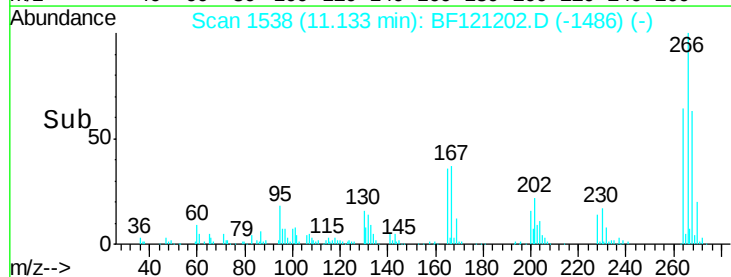
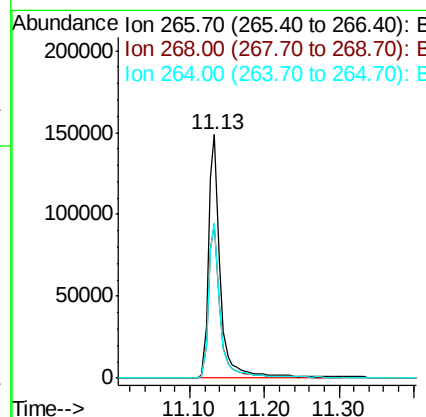
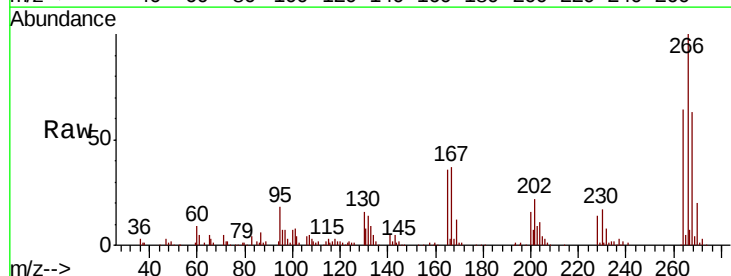
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

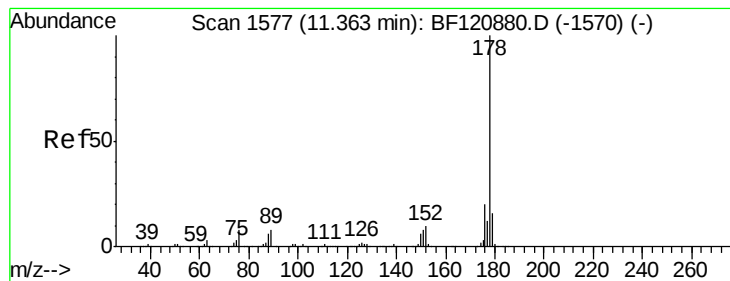
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	49.7	28.8	68.8



#70
 Pentachlorophenol
 Concen: 43.347 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.7	74.5
264	63.5	50.4	75.6





#71

Phenanthrene

Concen: 38.827 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

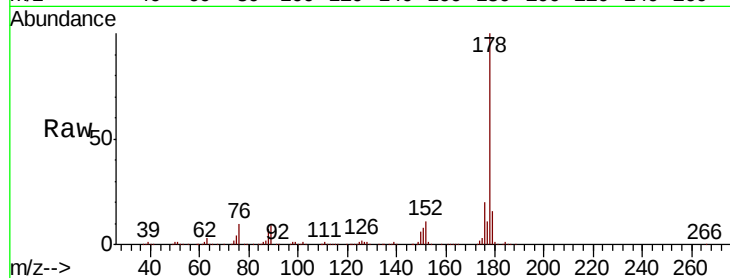
Tot Ion:178 Resp: 1120810

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

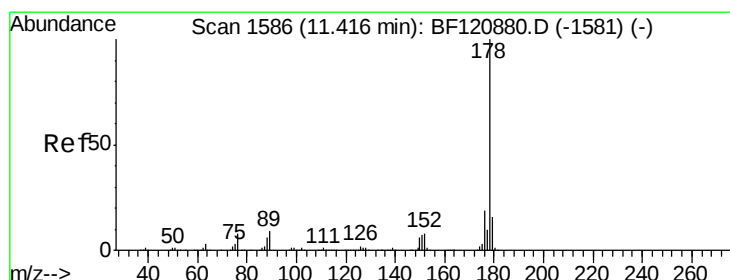
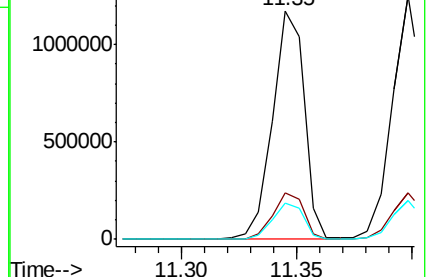
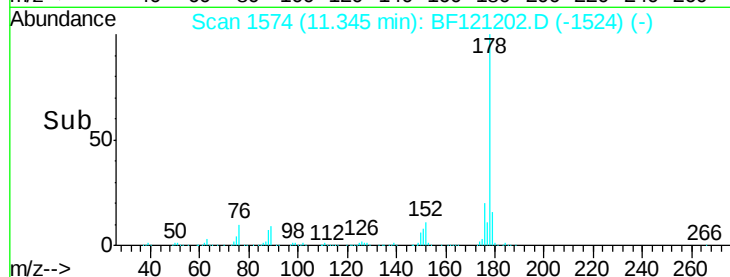
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.979 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

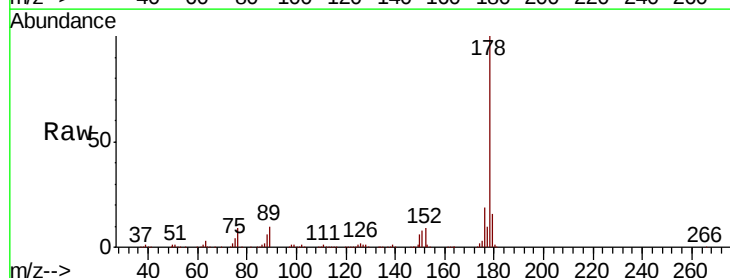
Tgt Ion:178 Resp: 1158832

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

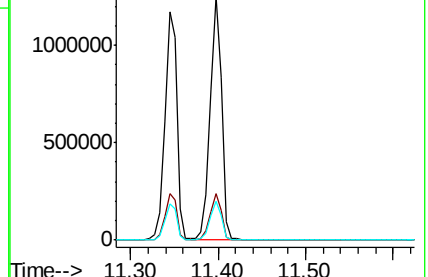
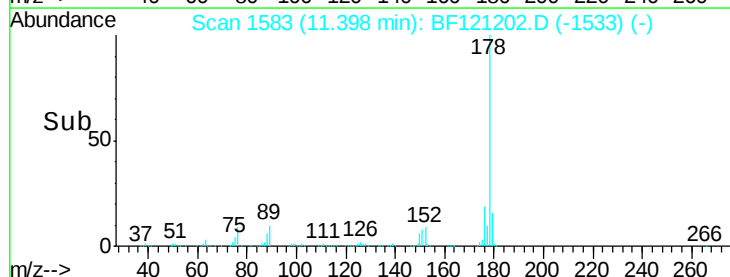
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

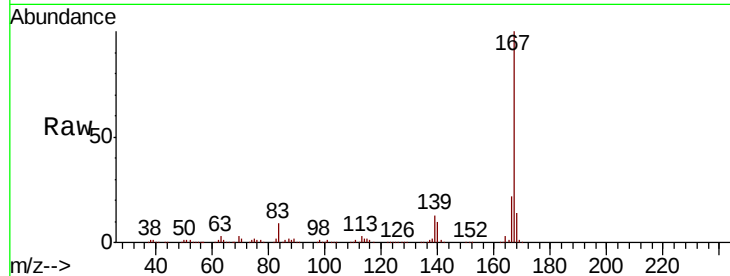




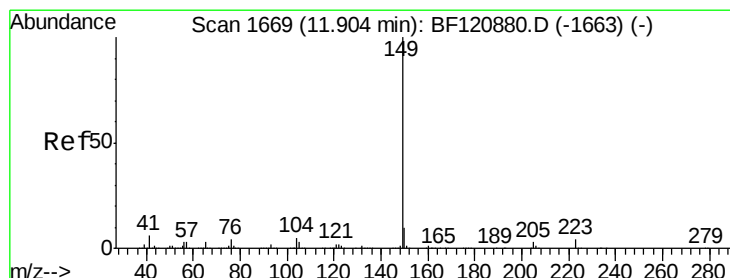
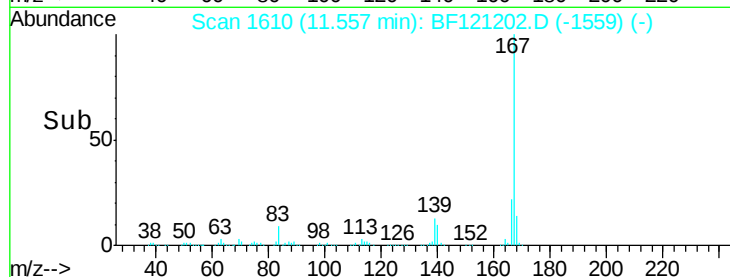
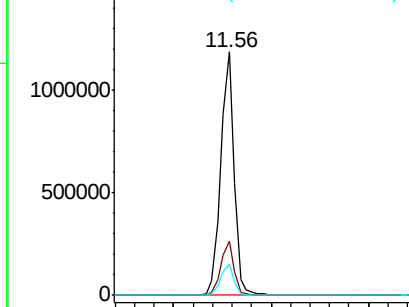
#73
 Carbazole
 Concen: 39.404 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1133501
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.6 10.5 15.7

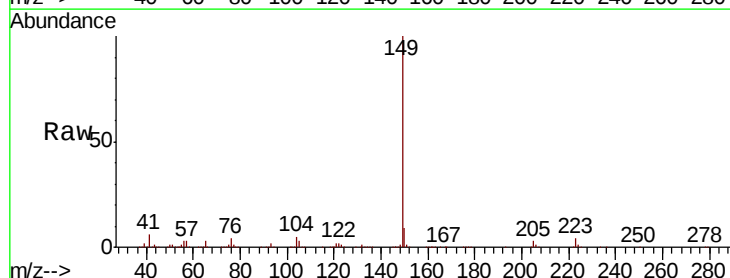


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

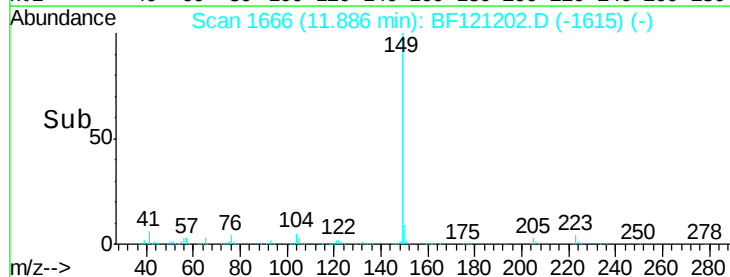
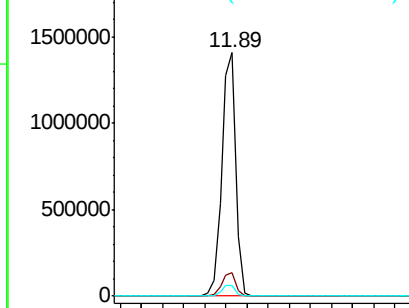


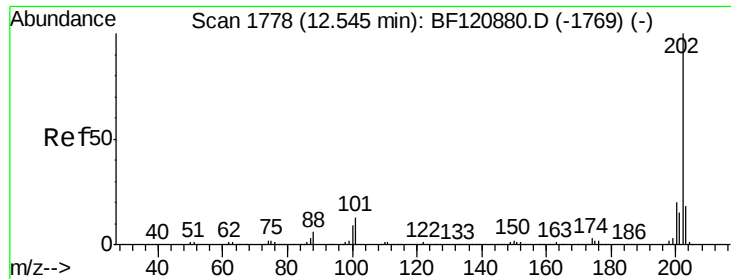
#74
 Di-n-butylphthalate
 Concen: 39.327 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion:149 Resp: 1305488
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

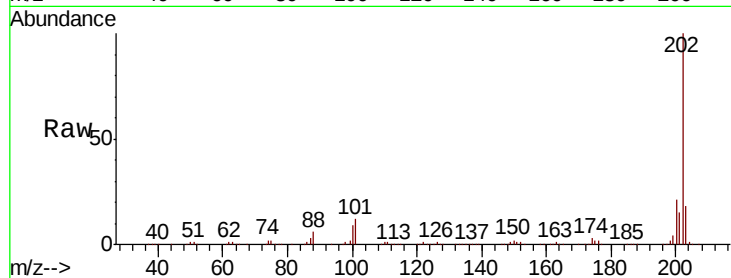




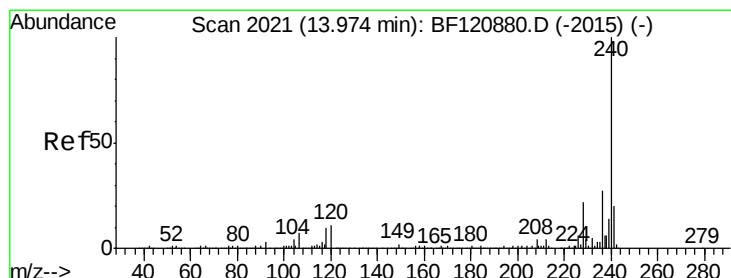
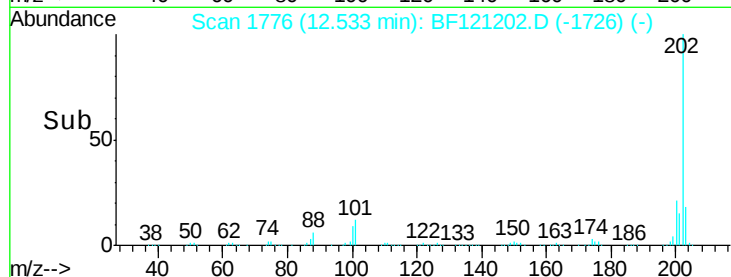
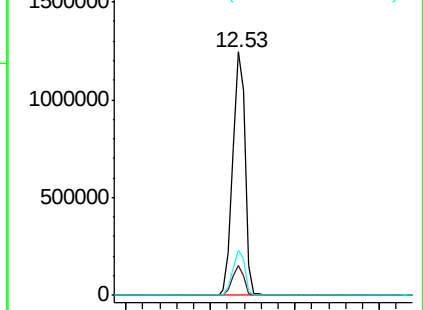
#75
Fluoranthene
Concen: 38.542 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1233199
Ion Ratio Lower Upper
202 100
101 12.3 0.0 30.5
203 18.4 0.0 37.7

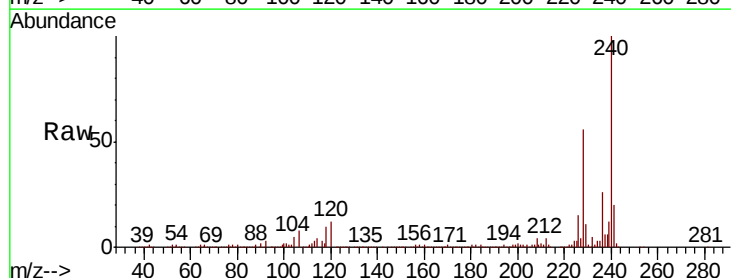


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

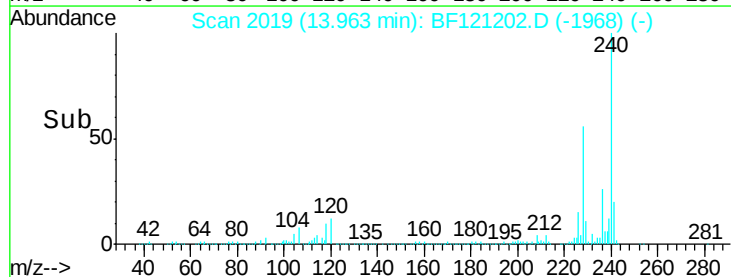
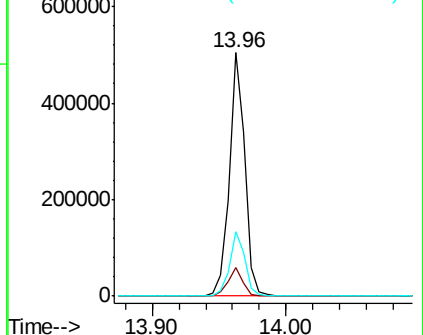


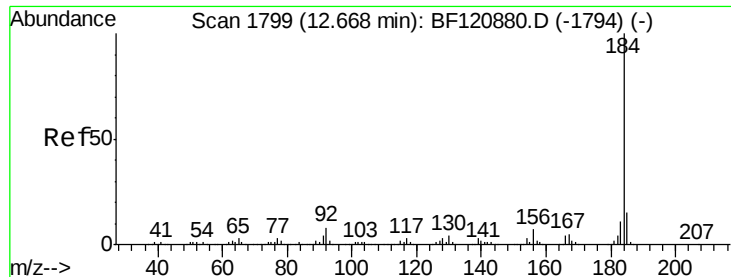
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:240 Resp: 411416
Ion Ratio Lower Upper
240 100
120 11.9 9.3 13.9
236 26.4 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: 37.164 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

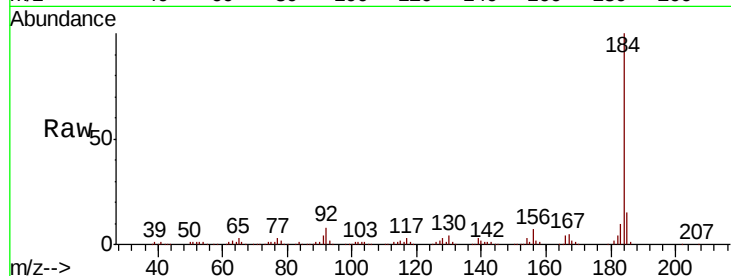
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 402000

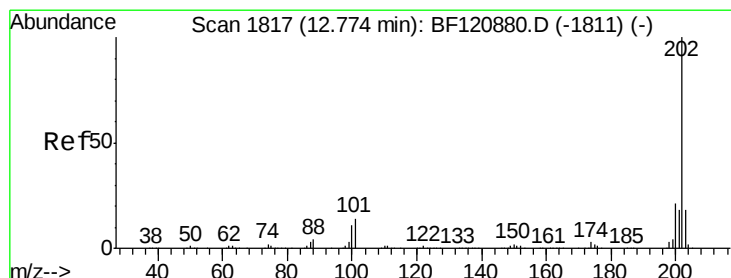
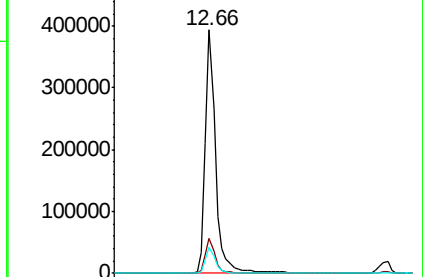
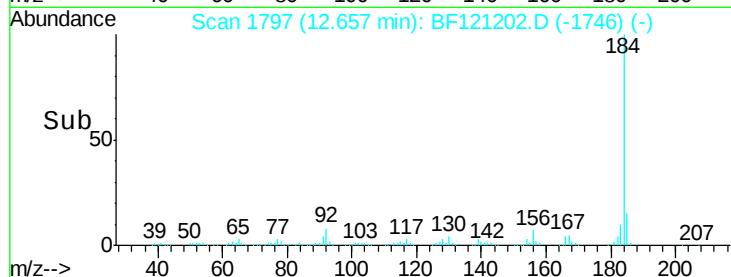
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.1	18.1
183	10.5	9.0	13.4



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: 43.545 ng

RT: 12.76 min Scan# 1815

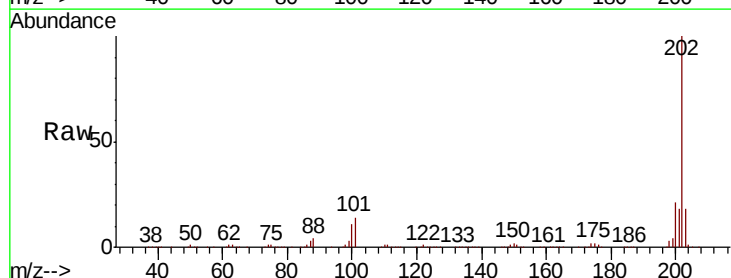
Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Tgt Ion:202 Resp: 1266599

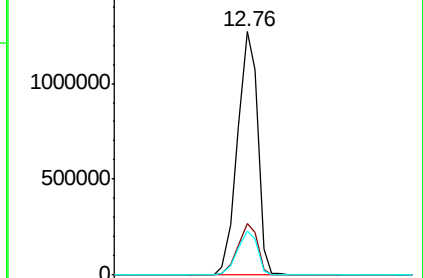
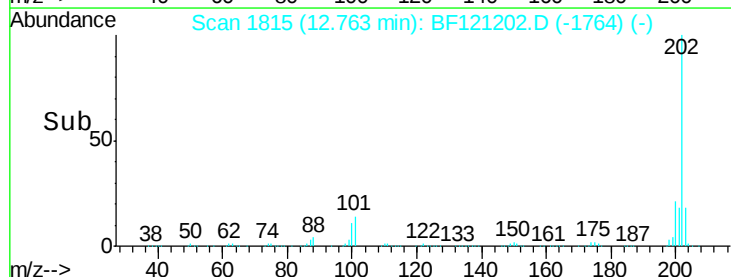
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	18.1	14.6	21.8

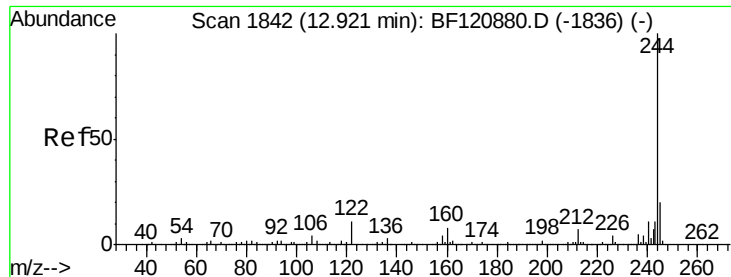


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.580 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

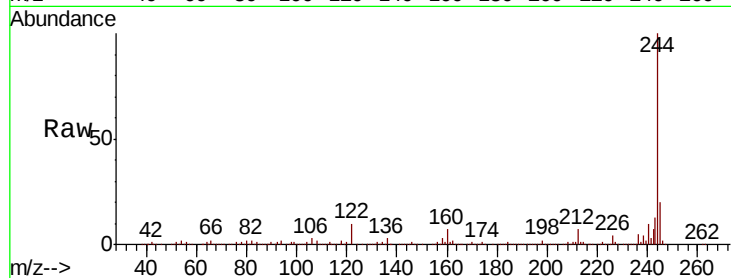
Tot Ion:244 Resp: 1506150

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

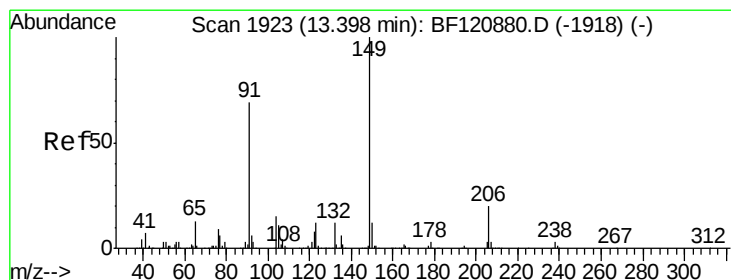
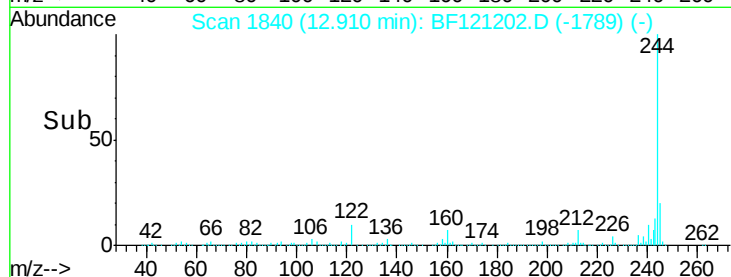
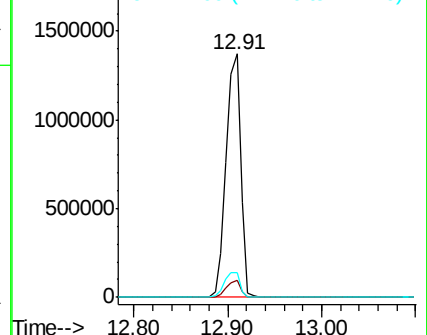
122 10.4 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.954 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

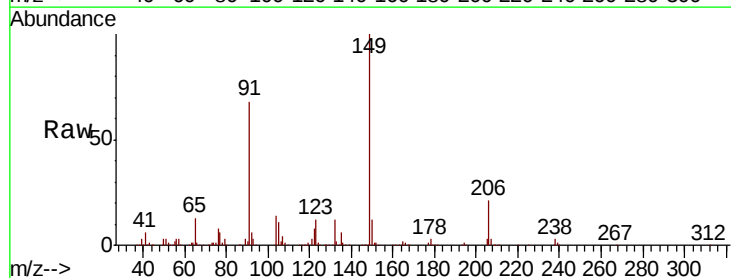
Tgt Ion:149 Resp: 556977

Ion Ratio Lower Upper

149 100

91 68.0 51.4 77.0

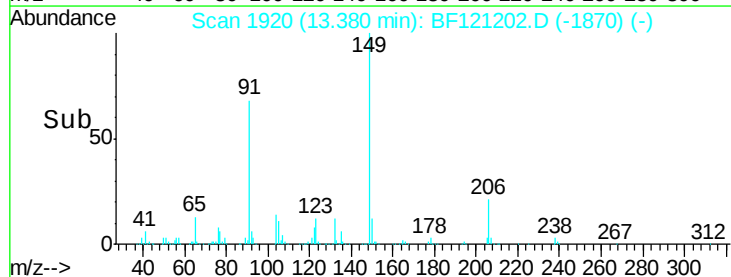
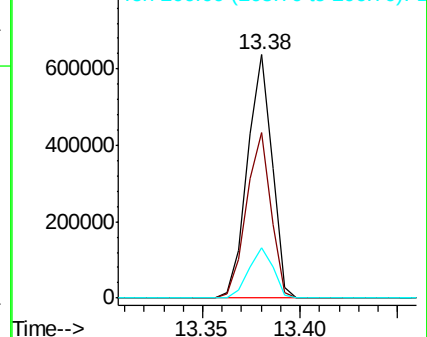
206 20.8 17.9 26.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.041 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

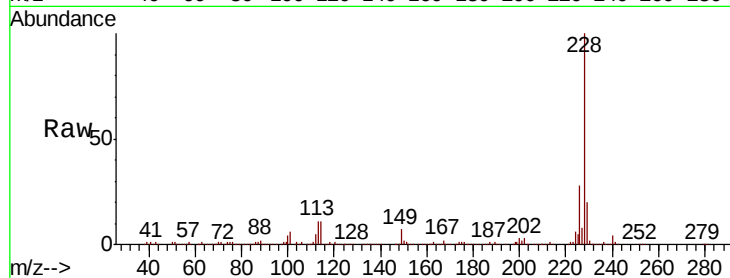
Tot Ion:228 Resp: 1047385

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

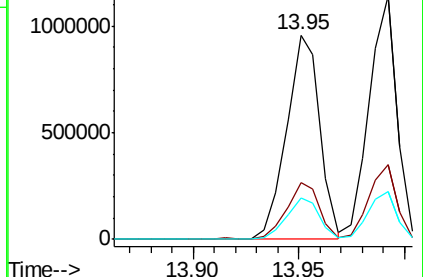
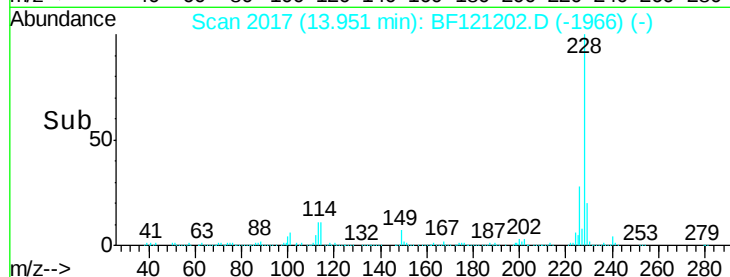
229 20.1 16.1 24.1



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: 41.261 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

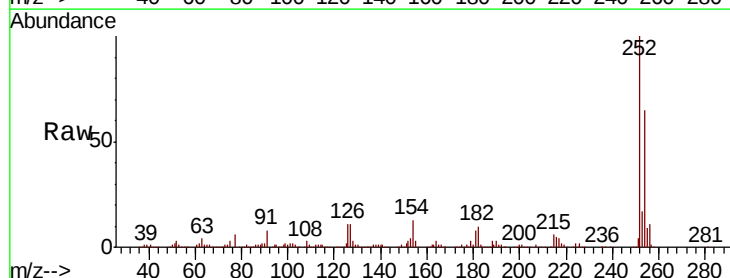
Tgt Ion:252 Resp: 387820

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

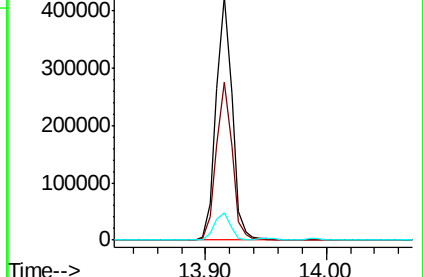
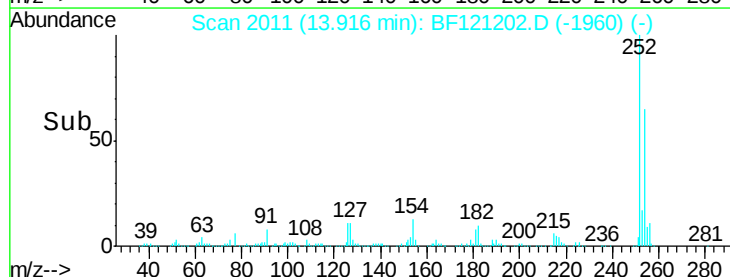
126 11.4 9.2 13.8

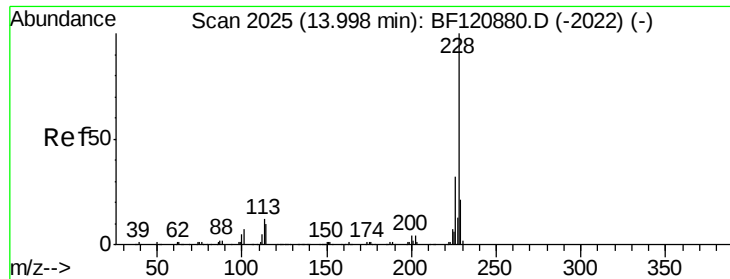


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.066 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

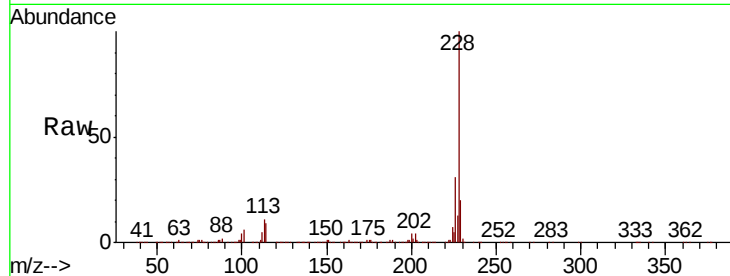
Tot Ion:228 Resp: 1048986

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

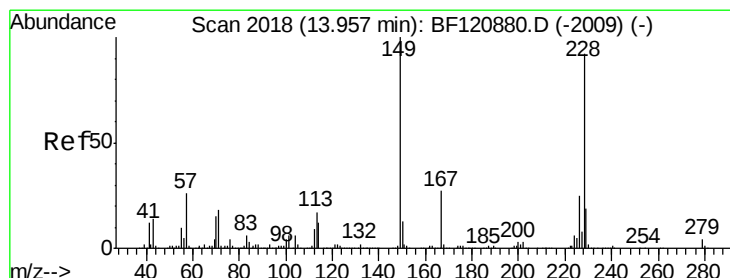
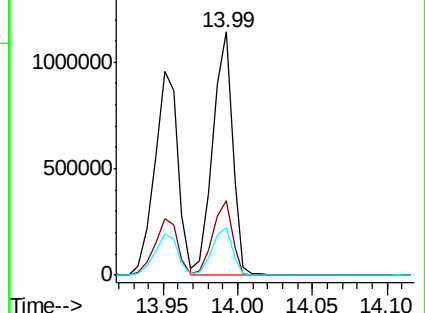
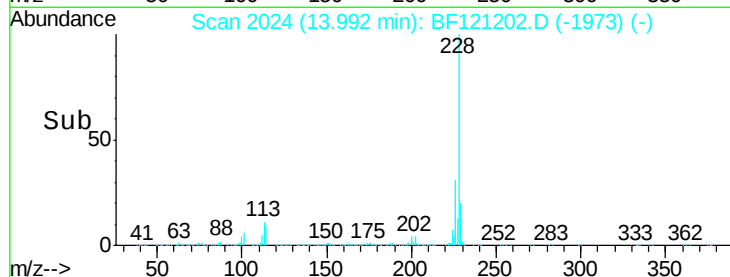
229 19.8 16.2 24.4



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: 44.459 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF121202.D

Acq: 6 Aug 2020 15:03

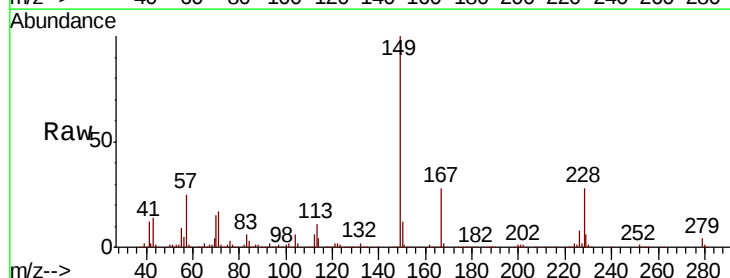
Tgt Ion:149 Resp: 710873

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

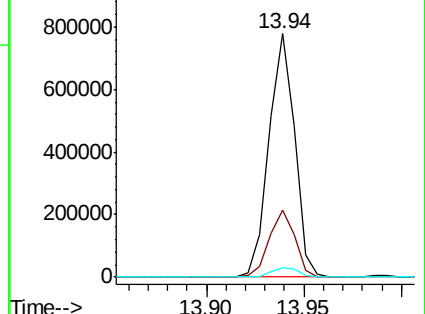
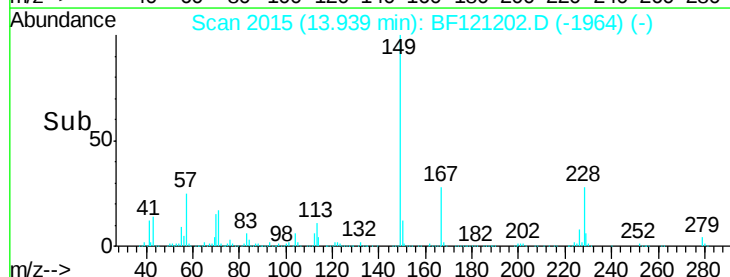
279 4.0 2.9 4.3

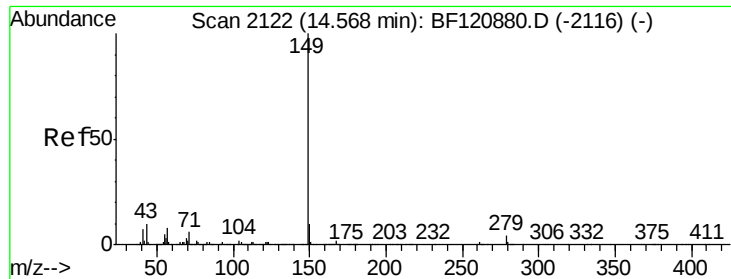


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

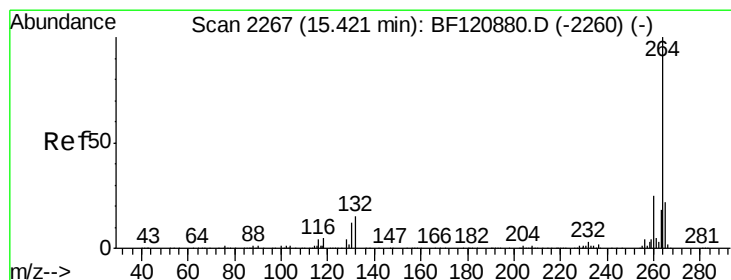
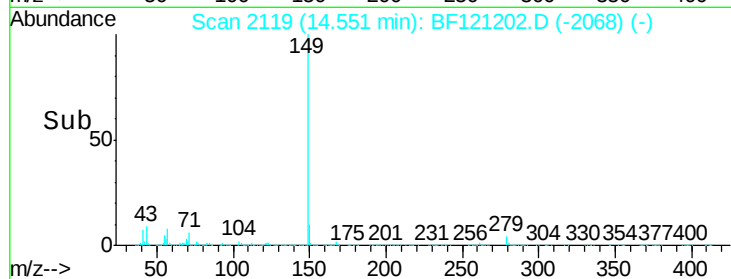
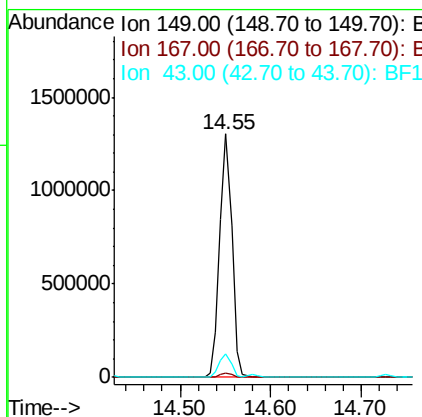
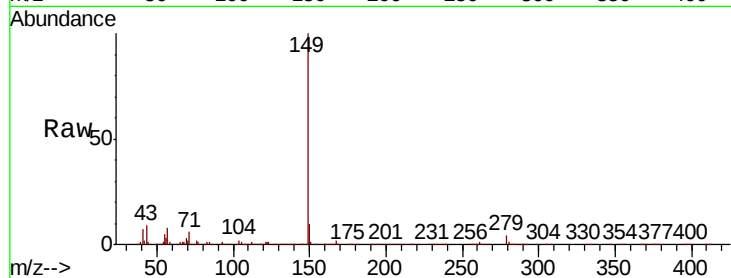




#85
Di-n-octyl phthalate
Concen: 37.843 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

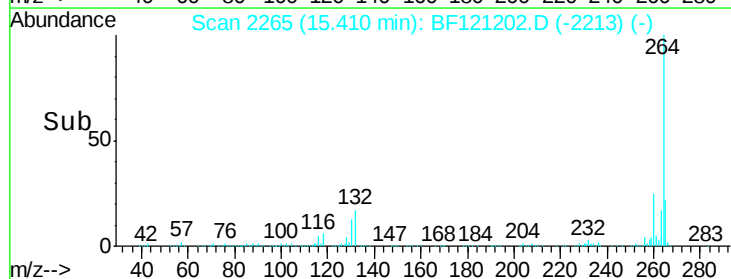
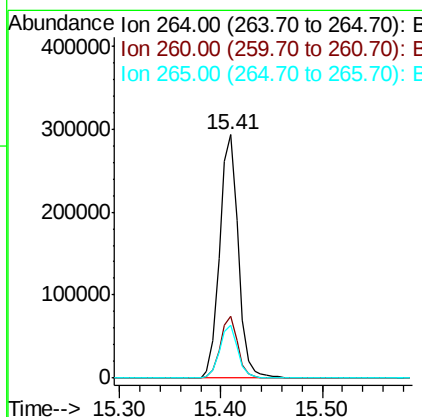
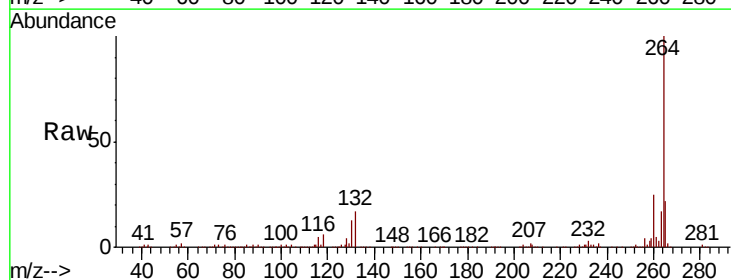
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

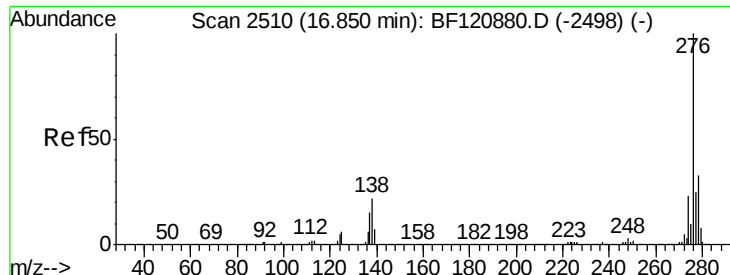
Tot Ion:149 Resp: 1203840
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:264 Resp: 373312
Ion Ratio Lower Upper
264 100
260 25.4 19.9 29.9
265 21.9 17.8 26.8

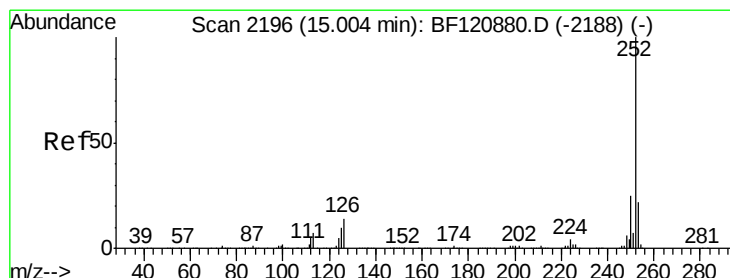
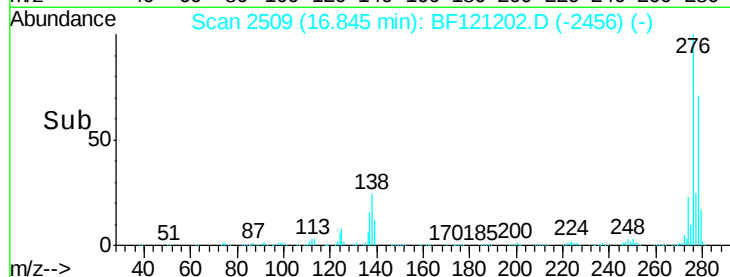
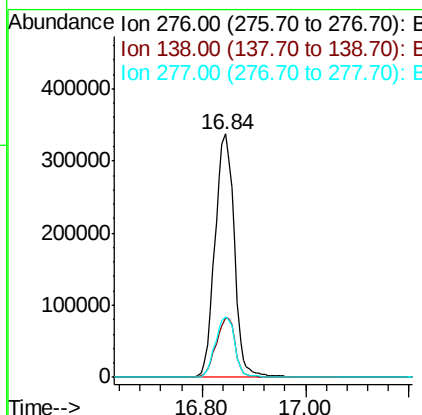
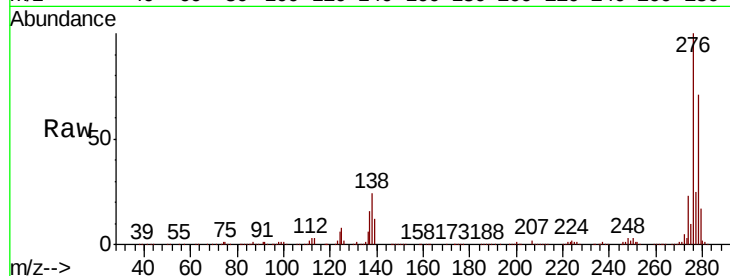




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.823 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

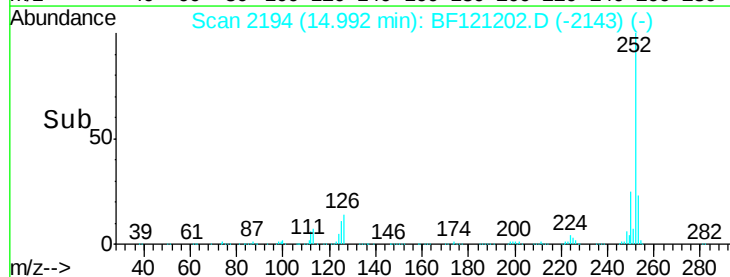
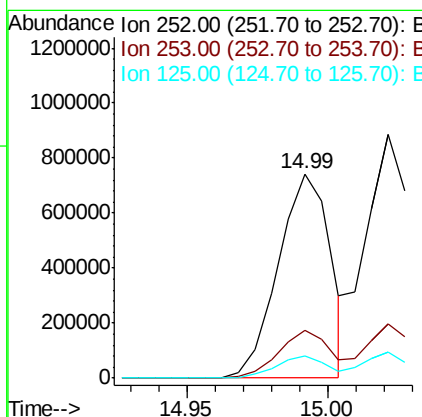
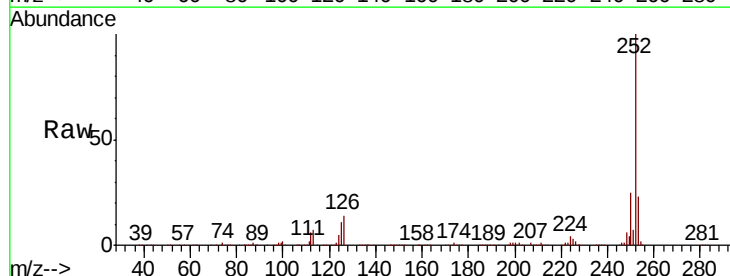
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

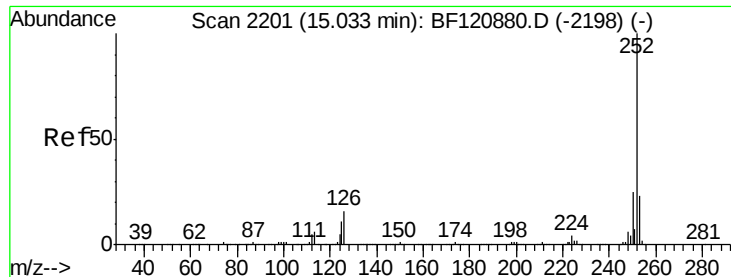
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	25.1	20.1	30.1



#88
 Benzo(b)fluoranthene
 Concen: 42.185 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BF121202.D
 Acq: 6 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	10.7	8.1	12.1

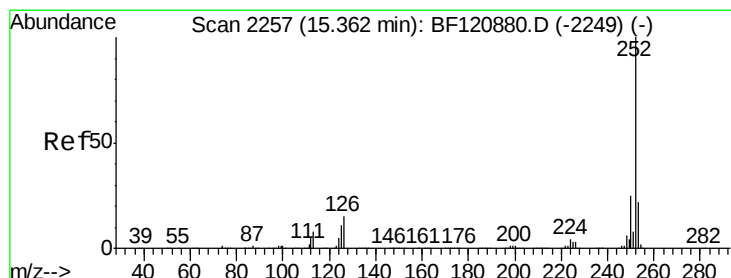
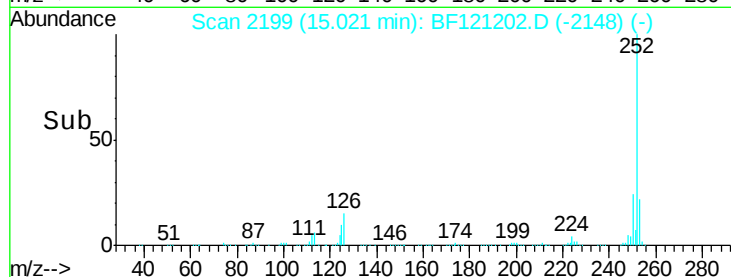
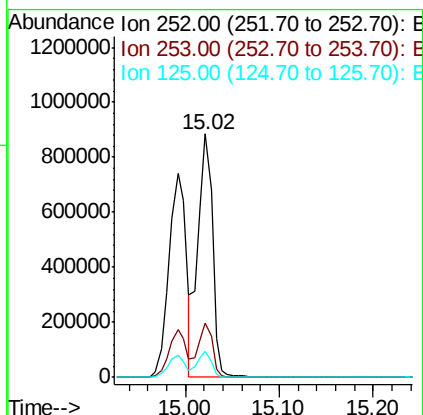
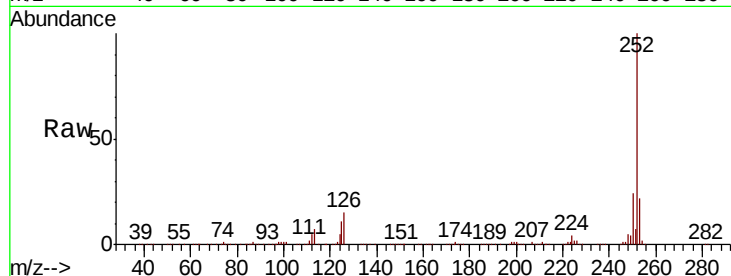




#89
Benzo(k)fluoranthene
Concen: 46.285 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

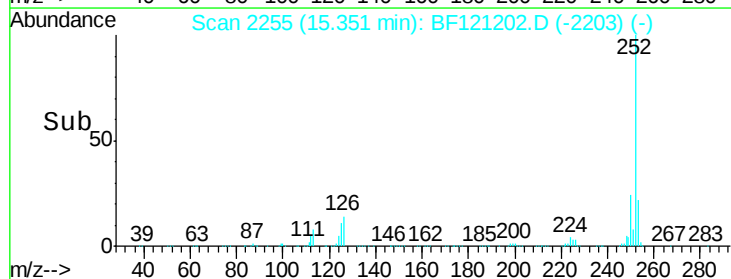
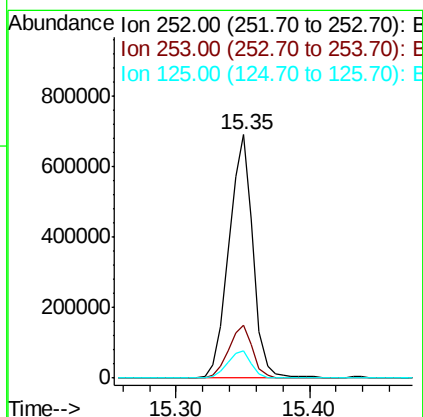
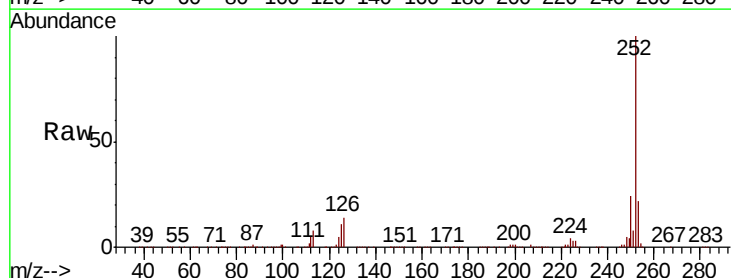
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 952513
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 42.358 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:252 Resp: 872054
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.1 9.5 14.3



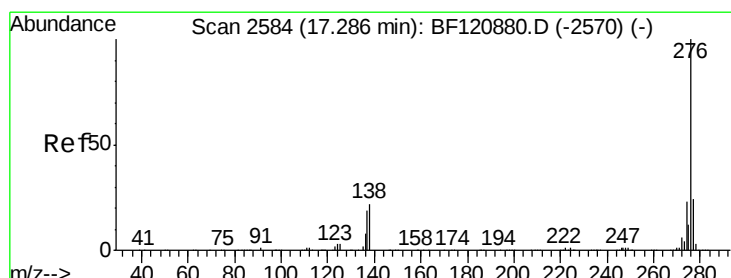
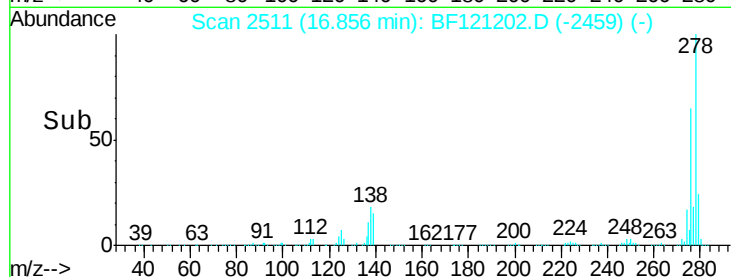
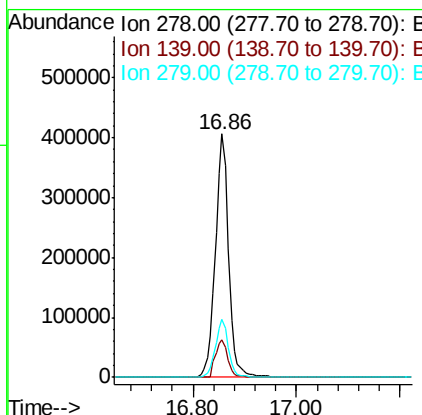
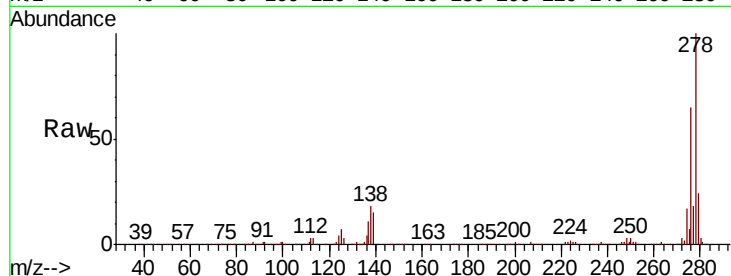


#91
Dibenzo(a,h)anthracene
Concen: 34.176 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 724794

Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	18.8
279	23.6	19.5	29.3



#92
Benzo(g,h,i)perylene
Concen: 33.185 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF121202.D
Acq: 6 Aug 2020 15:03

Tgt Ion:276 Resp: 693910

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	20.0	17.2	25.8

