

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118463.D
 Acq On : 3 Jan 2020 18:01
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 04 00:04:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77575	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	311677	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	160846	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	311256	20.00	ng	0.00
76) Chrysene-d12	14.05	240	231415	20.00	ng	0.00
87) Perylene-d12	15.53	264	179109	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	336186	73.98	ng	0.00
7) Phenol-d6	6.49	99	437963	77.69	ng	0.00
23) Nitrobenzene-d5	7.42	82	437870	80.35	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	154212	77.64	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	880380	83.55	ng	0.00
79) Terphenyl-d14	12.98	244	1044051	74.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	71788	39.736	ng	97
3) Pyridine	3.34	79	129321	26.867	ng	# 92
4) n-Nitrosodimethylamine	3.30	42	71684	36.021	ng	# 74
6) Aniline	6.52	93	273986	38.273	ng	96
8) 2-Chlorophenol	6.64	128	203768	39.589	ng	99
9) Benzaldehyde	6.40	77	113634	34.380	ng	98
10) Phenol	6.50	94	245863	38.801	ng	83
11) bis(2-Chloroethyl)ether	6.59	93	173882	38.371	ng	97
12) 1,3-Dichlorobenzene	6.79	146	230919	38.955	ng	99
13) 1,4-Dichlorobenzene	6.87	146	237450	39.437	ng	99
14) 1,2-Dichlorobenzene	7.02	146	223074	39.242	ng	99
15) Benzyl Alcohol	7.00	79	171946	40.058	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	197167	40.774	ng	69
17) 2-Methylphenol	7.11	107	162813	39.439	ng	94
18) Hexachloroethane	7.36	117	89051	40.299	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	143442	41.302	ng	92
20) 3+4-Methylphenols	7.27	107	211682	40.064	ng	96
22) Acetophenone	7.26	105	298124	39.027	ng	# 94
24) Nitrobenzene	7.44	77	213240	39.064	ng	99
25) Isophorone	7.67	82	368909	38.844	ng	97
26) 2-Nitrophenol	7.76	139	112909	39.050	ng	96
27) 2,4-Dimethylphenol	7.79	122	150179	38.069	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	240317	38.692	ng	98
29) 2,4-Dichlorophenol	8.00	162	174130	38.350	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	202018	38.194	ng	96
31) Naphthalene	8.16	128	651412	41.121	ng	99
32) Benzoic acid	7.94	122	103718	33.129	ng	97
33) 4-Chloroaniline	8.21	127	278199	40.965	ng	99
34) Hexachlorobutadiene	8.27	225	132958	42.229	ng	100
35) Caprolactam	8.59	113	56040	39.532	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	197428	40.498	ng	98
37) 2-Methylnaphthalene	8.85	142	424718	39.159	ng	98
38) 1-Methylnaphthalene	8.95	142	399533	39.099	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	199041	41.186	ng	99

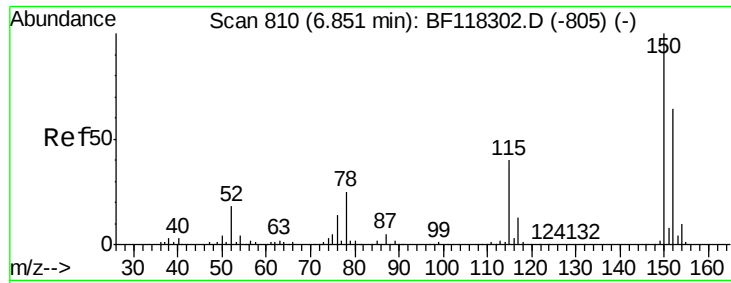
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118463.D
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 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	53220	32.236	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	120315	37.265	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	122460	36.871	nq	98
46) 1,1'-Biphenyl	9.32	154	520417	40.907	nq	98
47) 2-Chloronaphthalene	9.35	162	410930	40.133	nq	98
48) 2-Nitroaniline	9.45	65	124307	42.982	nq	95
49) Acenaphthylene	9.76	152	631004	41.553	nq	100
50) Dimethylphthalate	9.62	163	491060	40.672	nq	99
51) 2,6-Dinitrotoluene	9.69	165	106393	40.873	nq	93
52) Acenaphthene	9.93	154	377564	40.819	nq	99
53) 3-Nitroaniline	9.86	138	122833	40.205	nq	89
54) 2,4-Dinitrophenol	9.98	184	42583	35.527	nq	98
55) Dibenzofuran	10.10	168	571686	41.829	nq	95
56) 4-Nitrophenol	10.04	139	83540	44.293	nq	98
57) 2,4-Dinitrotoluene	10.10	165	145545	41.845	nq	# 77
58) Fluorene	10.45	166	453656	41.118	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	108229	38.352	nq	97
60) Diethylphthalate	10.32	149	484299	40.546	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	227541	41.313	nq	96
62) 4-Nitroaniline	10.48	138	114399	36.044	nq	89
63) Azobenzene	10.60	77	437741	42.785	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	65807	39.192	nq	92
66) n-Nitrosodiphenylamine	10.56	169	405057	40.604	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	140323	38.523	nq	94
68) Hexachlorobenzene	11.00	284	162049	37.794	nq	98
69) Atrazine	11.09	200	115585	37.542	nq	98
70) Pentachlorophenol	11.20	266	63910	34.418	nq	95
71) Phenanthrene	11.42	178	675416	39.805	nq	99
72) Anthracene	11.47	178	682238	40.169	nq	98
73) Carbazole	11.63	167	588393	39.043	nq	98
74) Di-n-butylphthalate	11.95	149	803919	42.070	nq	100
75) Fluoranthene	12.61	202	702132	41.002	nq	98
77) Benzidine	12.73	184	252458	39.814	nq	98
78) Pyrene	12.85	202	692139	36.626	nq	100
80) Butylbenzylphthalate	13.45	149	321424	37.776	nq	99
81) Benzo(a)anthracene	14.04	228	629591	38.868	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	207378	37.759	nq	98
83) Chrysene	14.07	228	620677	40.017	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	446259	39.886	nq	100
85) Di-n-octyl phthalate	14.62	149	673625	40.930	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	442950	33.517	nq	99
88) Benzo(b)fluoranthene	15.10	252	491075	41.304	nq	99
89) Benzo(k)fluoranthene	15.13	252	444845	38.968	nq	99
90) Benzo(a)pyrene	15.47	252	423167	40.404	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	368608	40.557	nq	99
92) Benzo(g,h,i)perylene	17.50	276	332540	37.876	nq	99

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

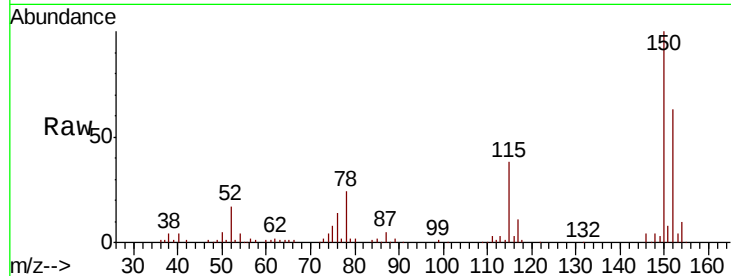


#1

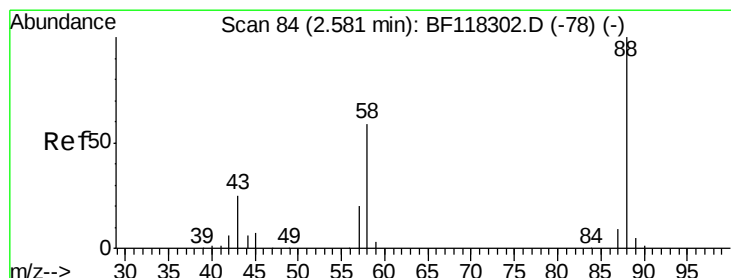
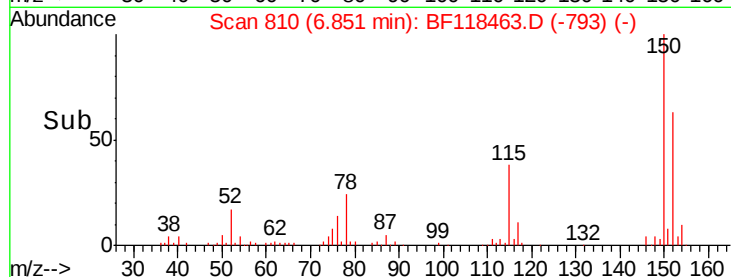
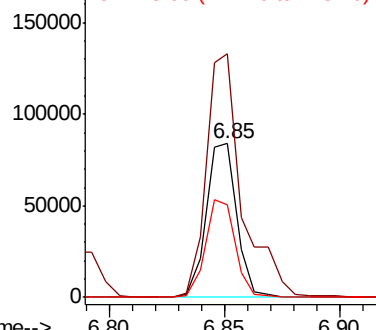
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 77575
Ion Ratio Lower Upper
152 100
150 158.2 125.4 188.2
115 59.8 50.2 75.4



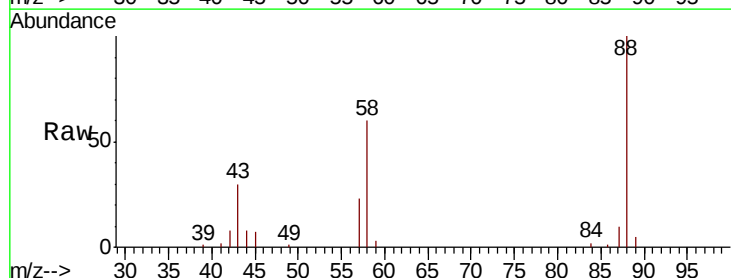
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



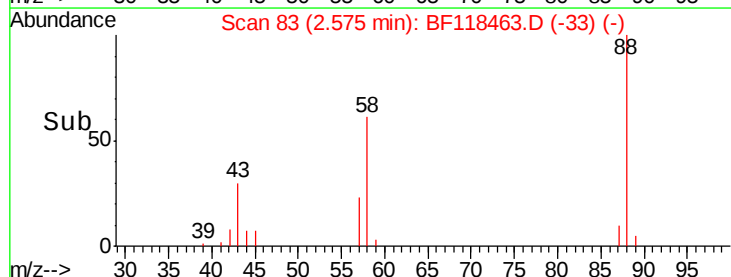
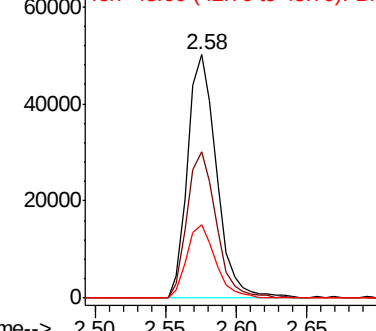
#2

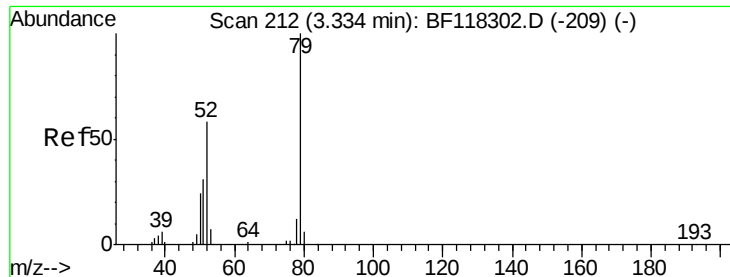
1,4-Dioxane
Concen: 39.736 ng
RT: 2.58 min Scan# 83
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion: 88 Resp: 71788
Ion Ratio Lower Upper
88 100
58 60.4 47.6 71.4
43 29.6 20.6 30.8



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: 26.867 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

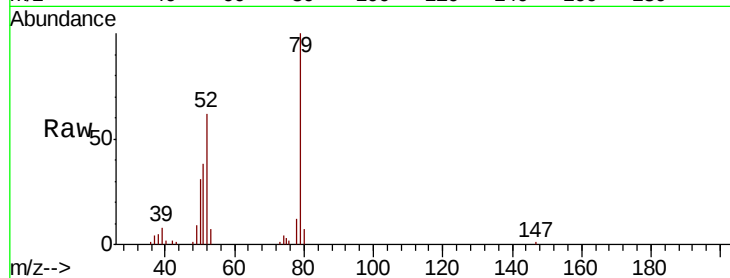
Tot Ion: 79 Resp: 129321

Ion Ratio Lower Upper

79 100

52 62.3 46.4 69.6

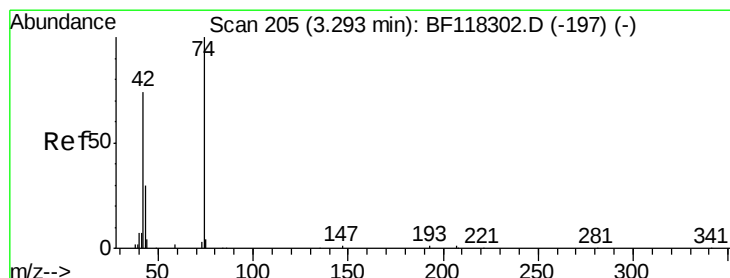
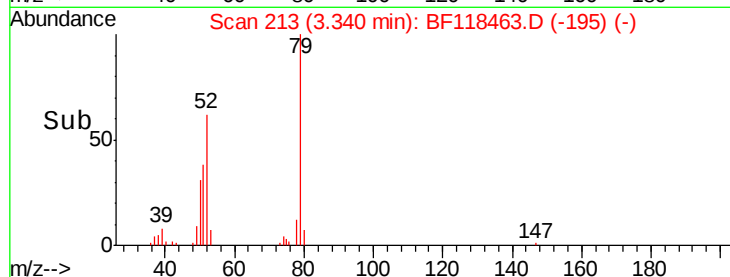
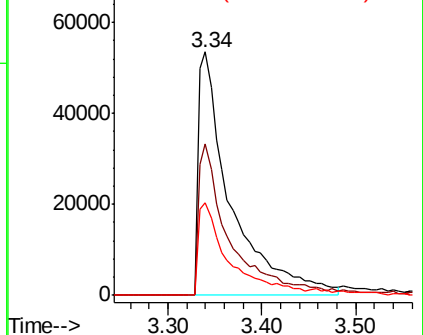
51 38.1 24.9 37.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.021 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

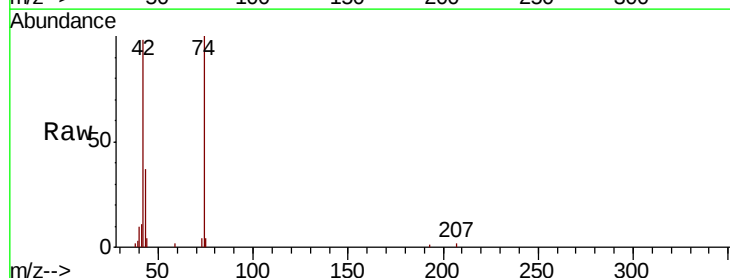
Tgt Ion: 42 Resp: 71684

Ion Ratio Lower Upper

42 100

74 102.3 107.7 161.5#

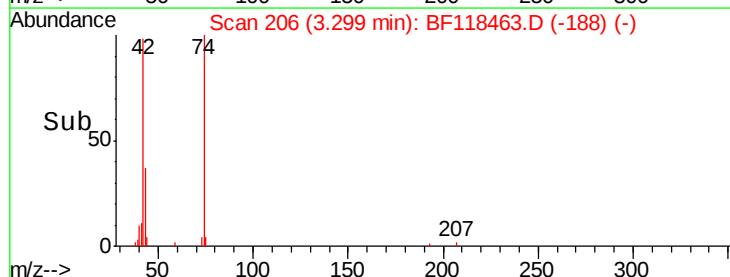
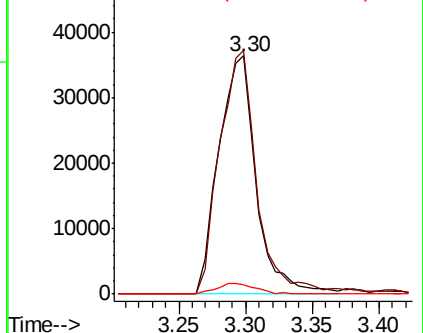
44 4.0 4.8 7.2#

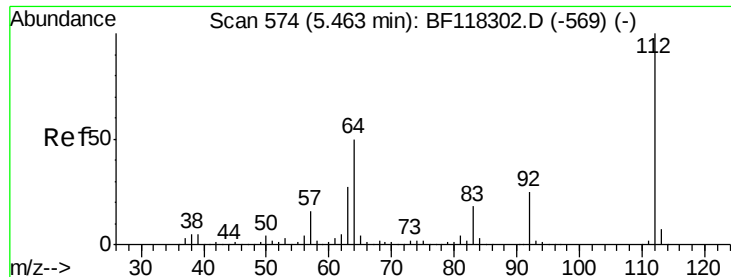


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.976 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

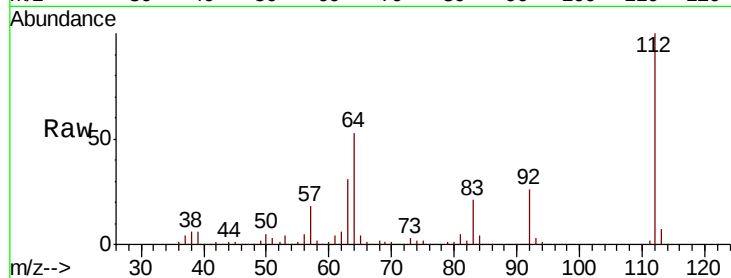
Tot Ion:112 Resp: 336186

Ion Ratio Lower Upper

112 100

64 53.5 39.7 59.5

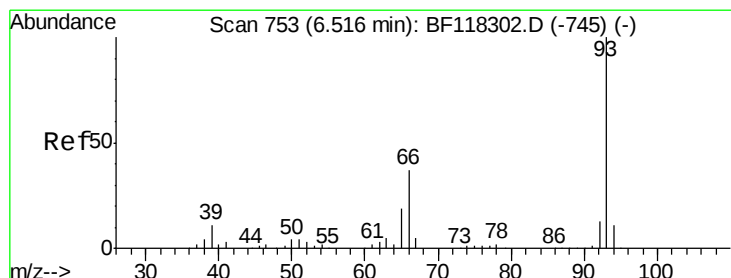
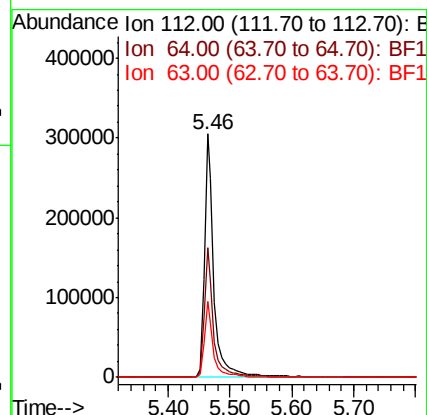
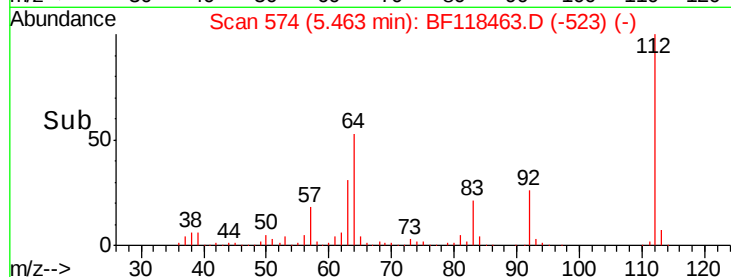
63 31.3 21.7 32.5



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: 38.273 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

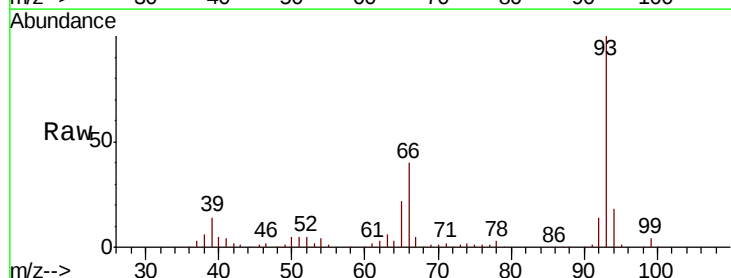
Tgt Ion: 93 Resp: 273986

Ion Ratio Lower Upper

93 100

66 40.4 30.2 45.4

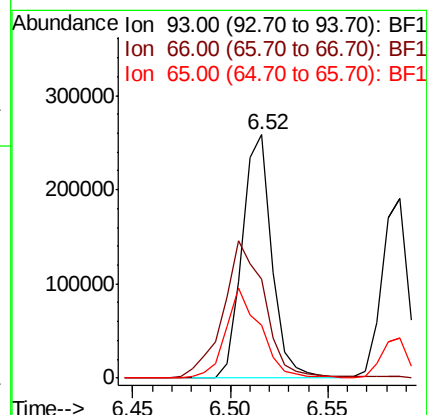
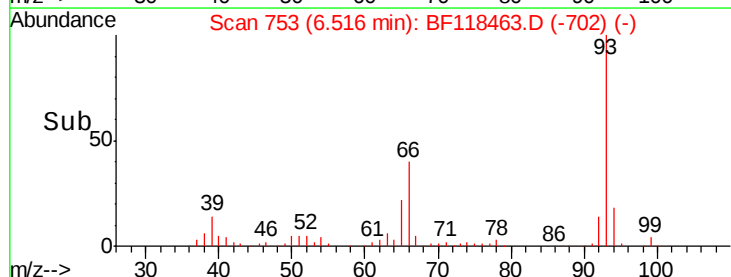
65 21.6 15.7 23.5

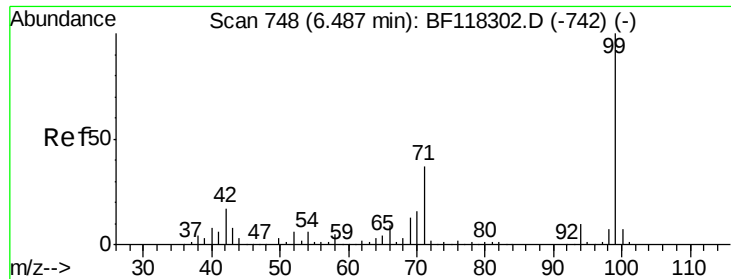


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.686 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

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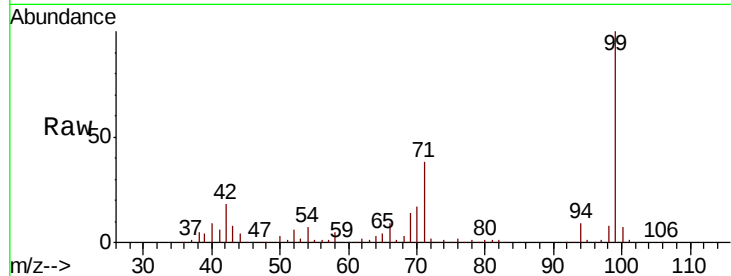
Tot Ion: 99 Resp: 437963

Ion Ratio Lower Upper

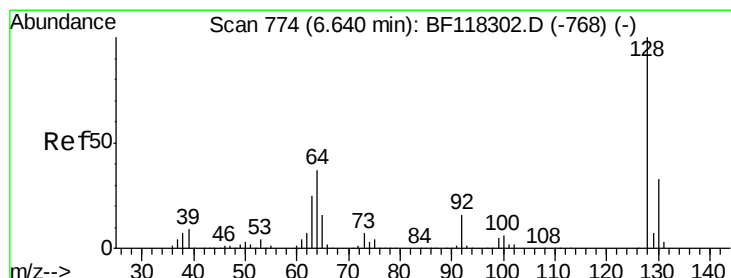
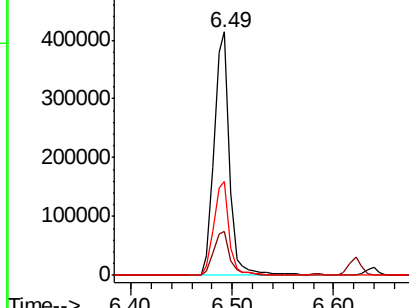
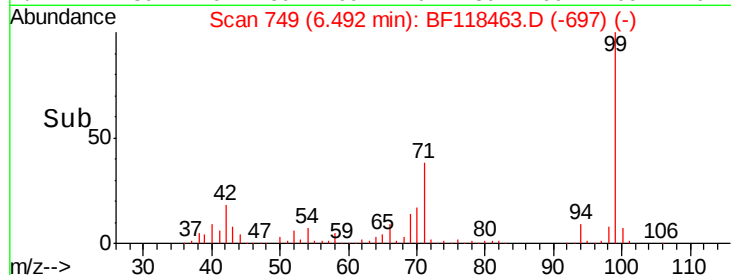
99 100

42 18.2 13.5 20.3

71 38.4 29.4 44.2



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: 39.589 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

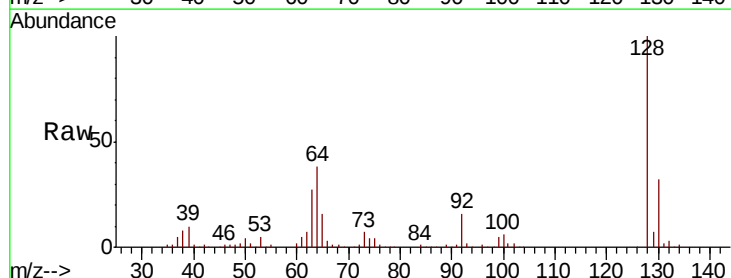
Tgt Ion:128 Resp: 203768

Ion Ratio Lower Upper

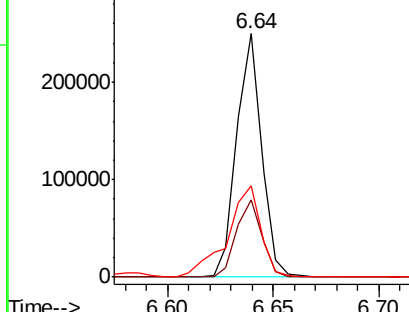
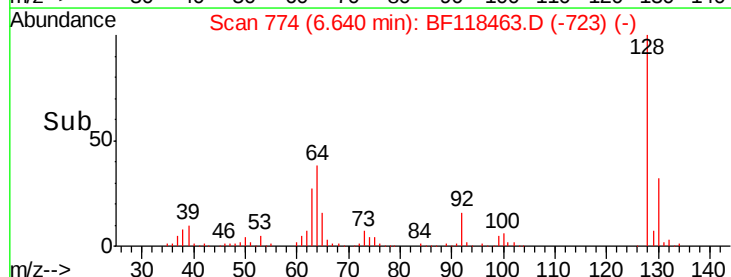
128 100

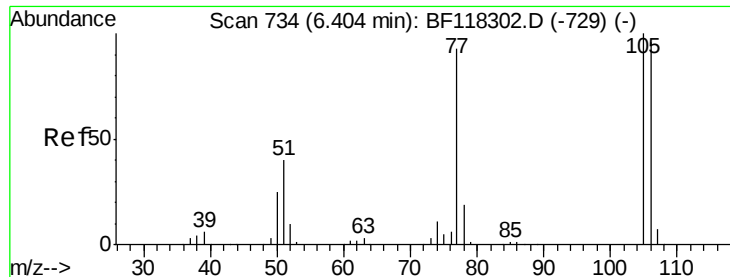
130 32.0 13.2 53.2

64 37.6 17.7 57.7



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: 34.380 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

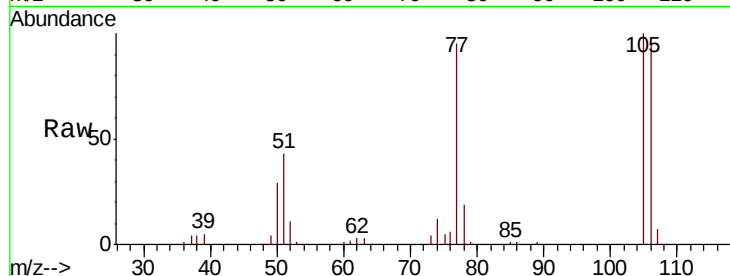
Tot Ion: 77 Resp: 113634

Ion Ratio Lower Upper

77 100

105 105.4 87.5 127.5

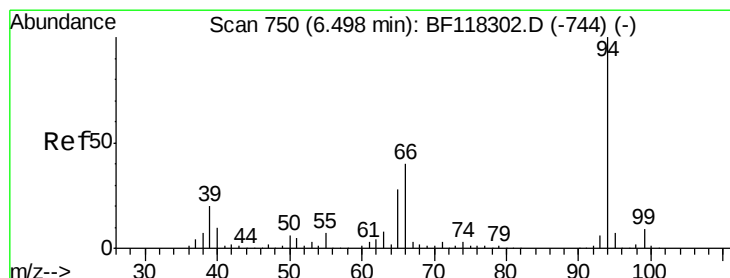
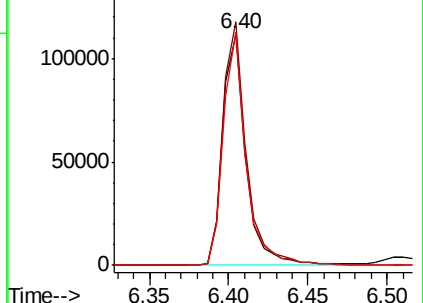
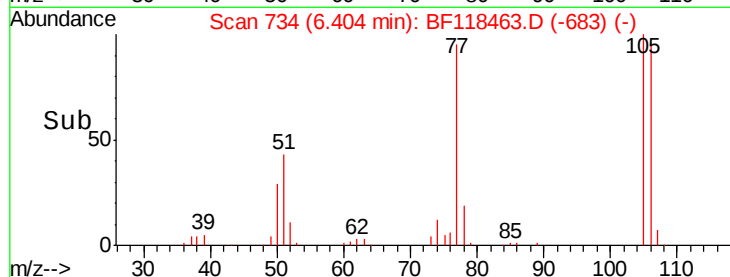
106 101.0 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.801 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

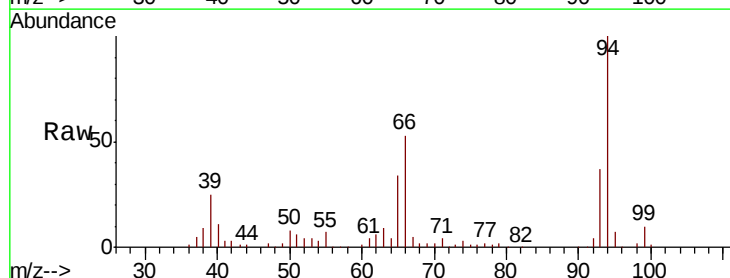
Tgt Ion: 94 Resp: 245863

Ion Ratio Lower Upper

94 100

65 34.4 7.8 47.8

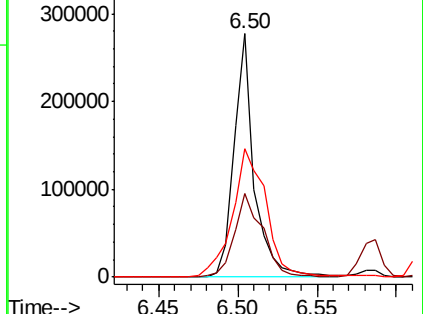
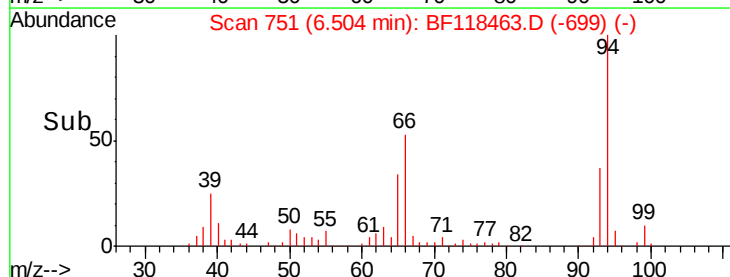
66 52.5 20.4 60.4

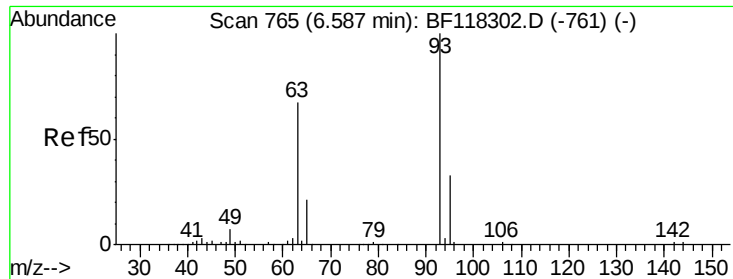


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

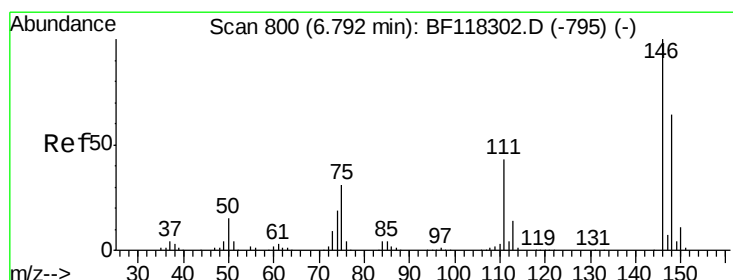
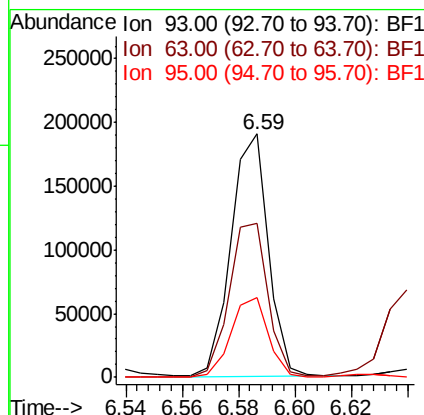
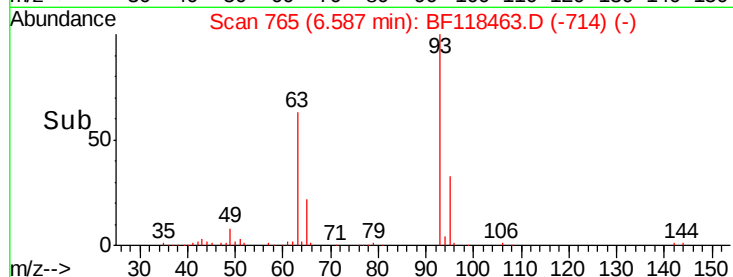
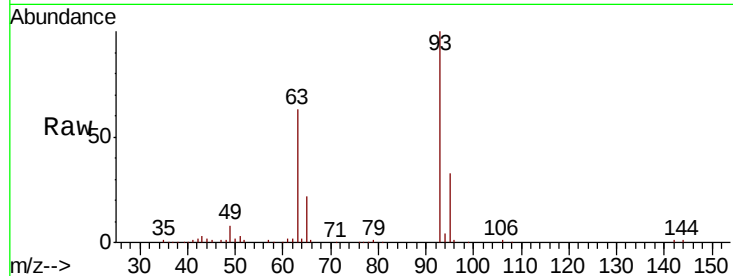




#11
bis(2-Chloroethyl)ether
Concen: 38.371 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

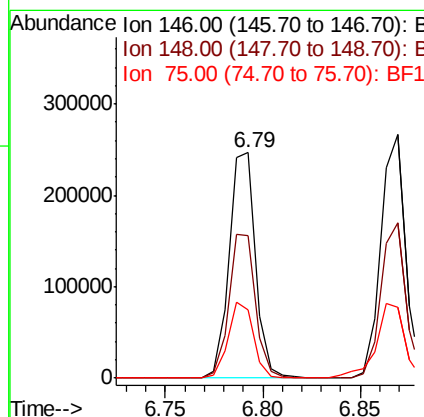
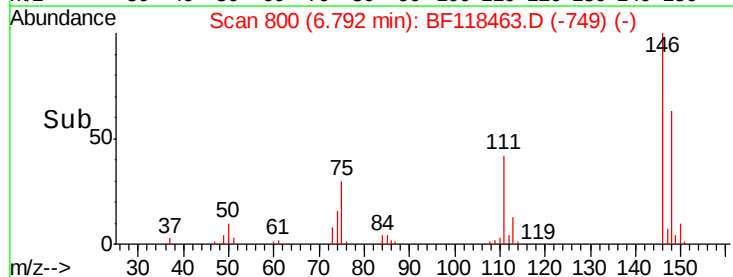
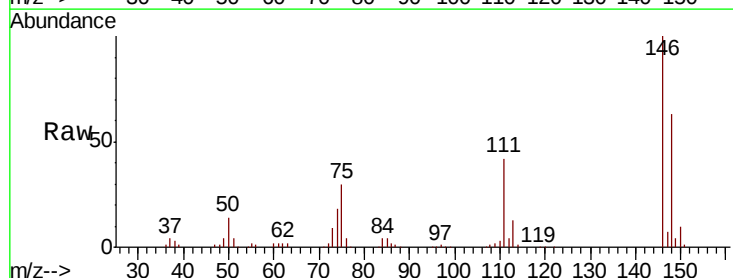
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

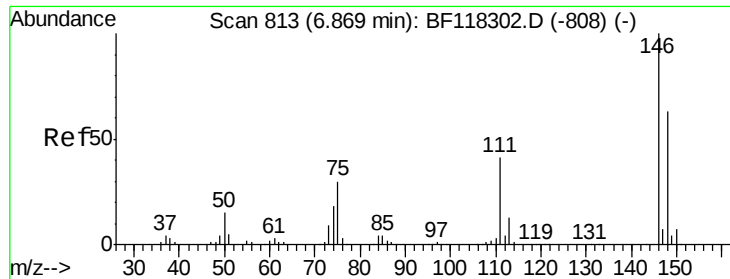
Tot Ion: 93 Resp: 173882
Ion Ratio Lower Upper
93 100
63 63.2 47.0 87.0
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.955 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion: 146 Resp: 230919
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
75 30.1 24.4 36.6

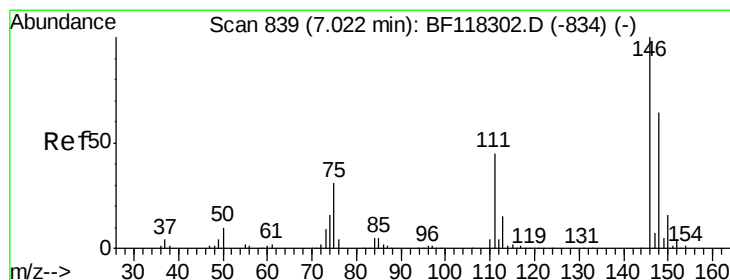
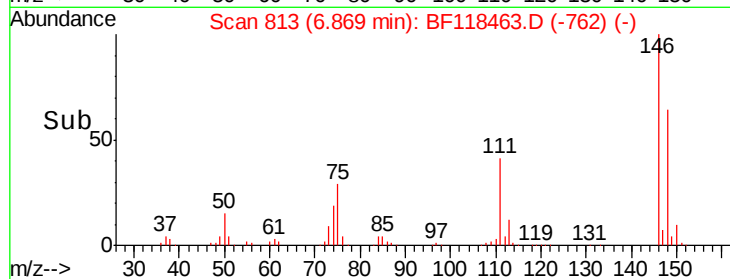
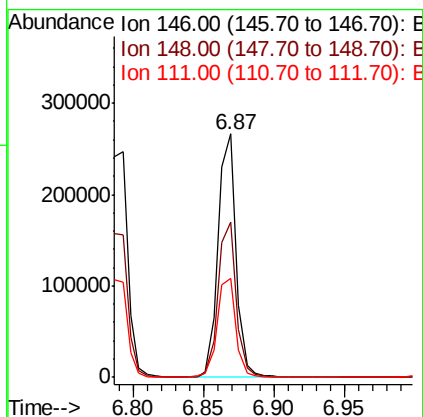
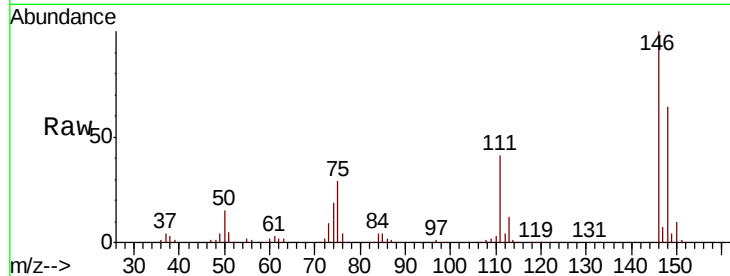




#13
 1,4-Dichlorobenzene
 Concen: 39.437 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

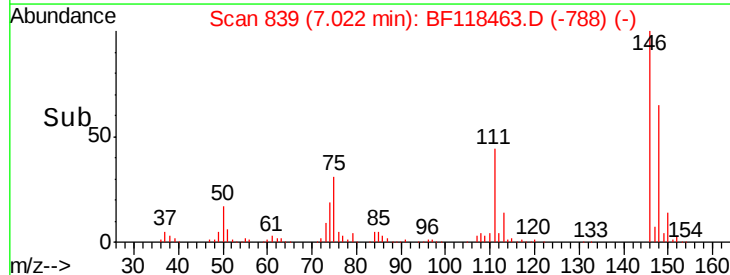
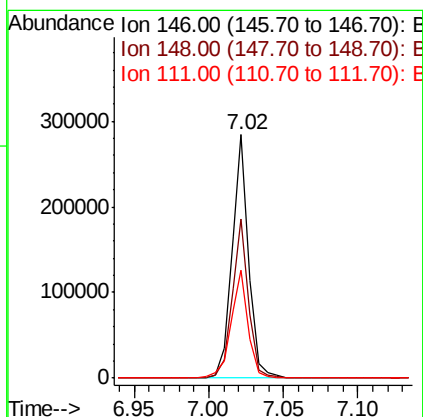
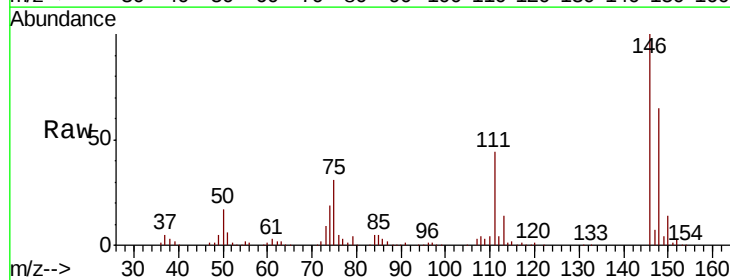
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

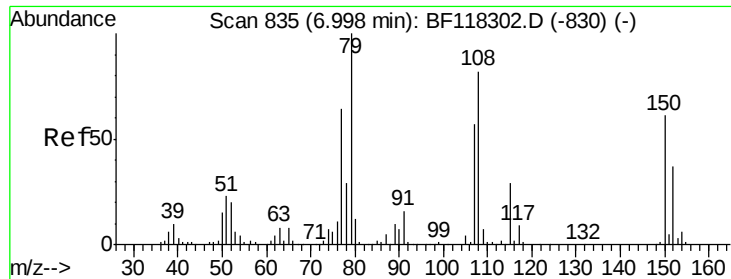
Tot Ion:146 Resp: 237450
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 40.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.242 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion:146 Resp: 223074
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.3 76.9
 111 44.3 35.7 53.5

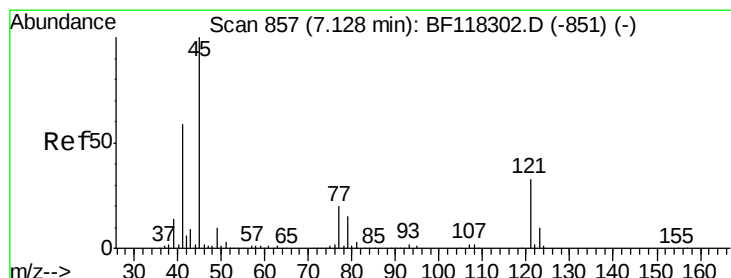
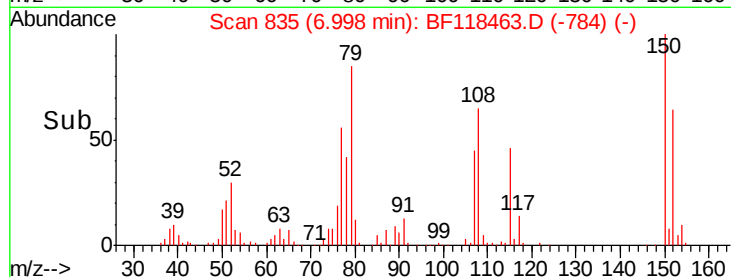
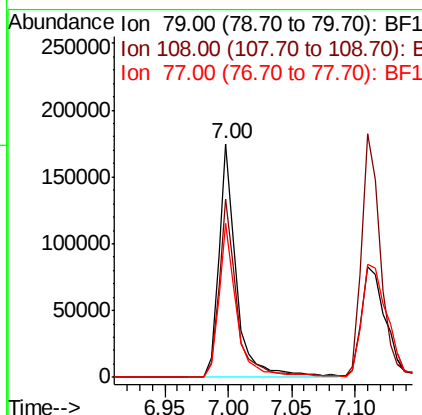
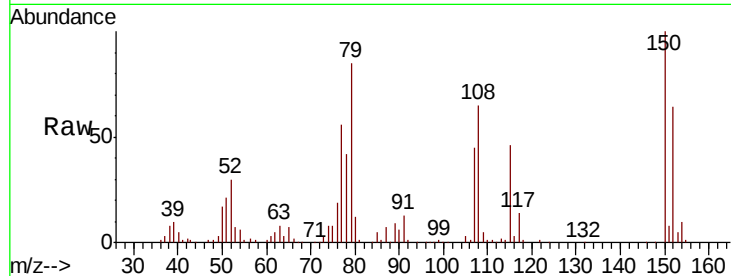




#15
Benzyl Alcohol
Concen: 40.058 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

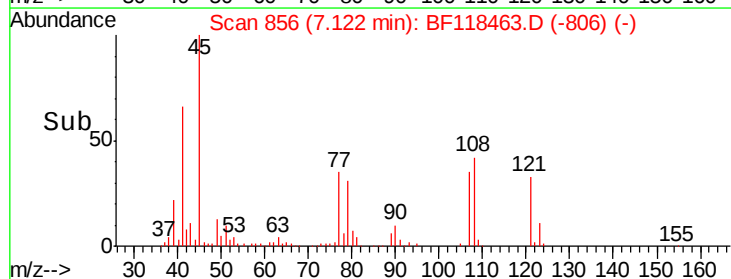
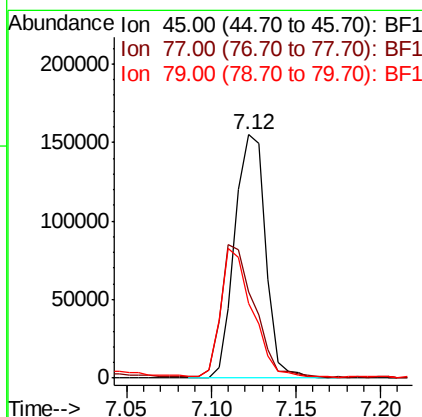
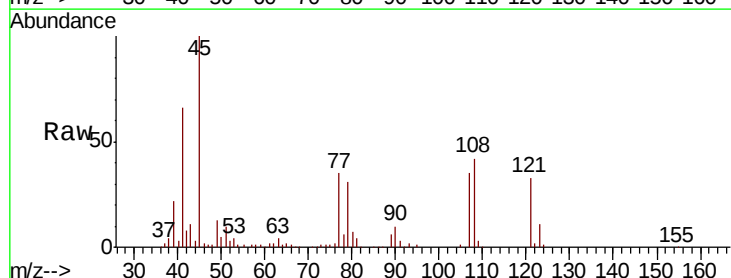
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

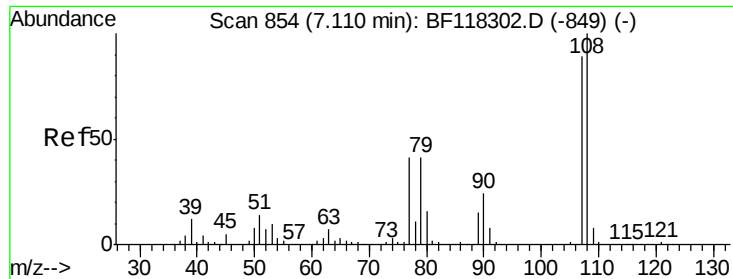
Tot Ion: 79 Resp: 171946
Ion Ratio Lower Upper
79 100
108 76.4 65.4 98.0
77 66.0 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.774 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion: 45 Resp: 197167
Ion Ratio Lower Upper
45 100
77 35.3 1.2 41.2
79 30.7 0.0 37.0

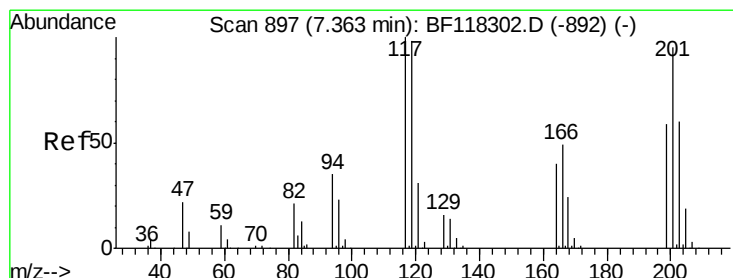
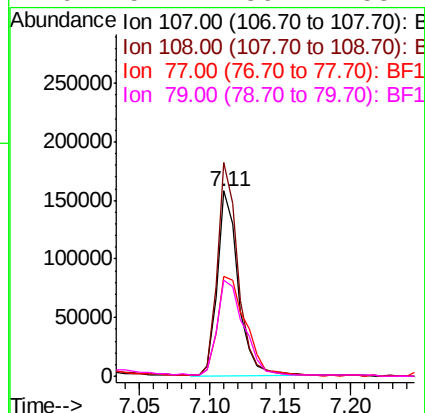
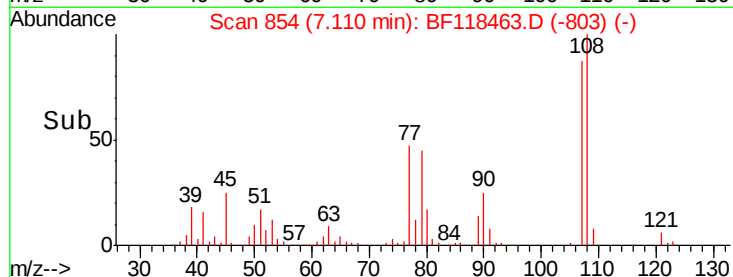
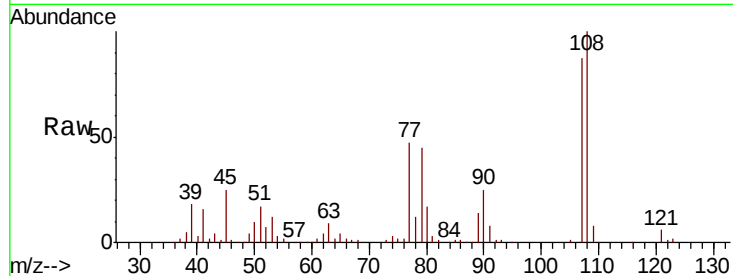




#17
2-Methylphenol
Concen: 39.439 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

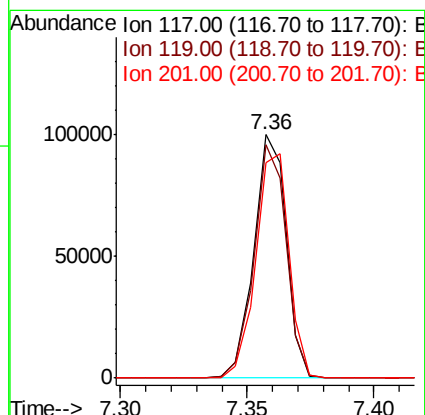
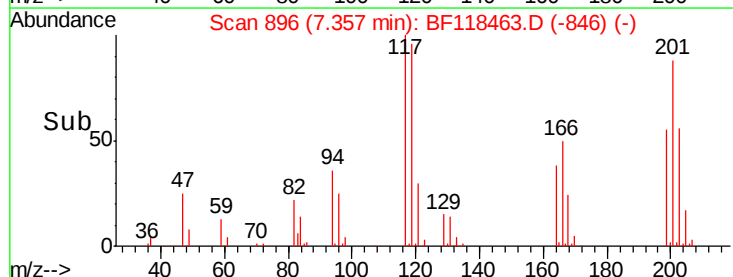
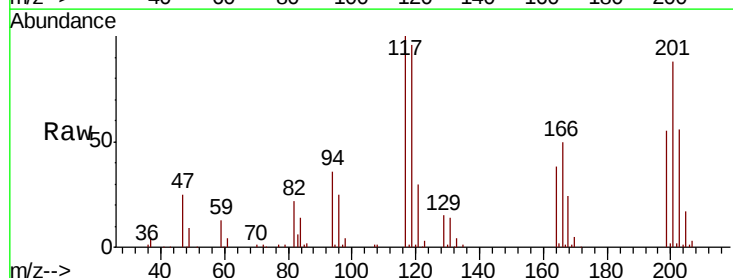
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

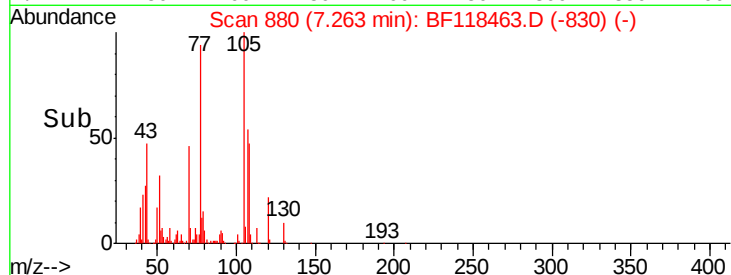
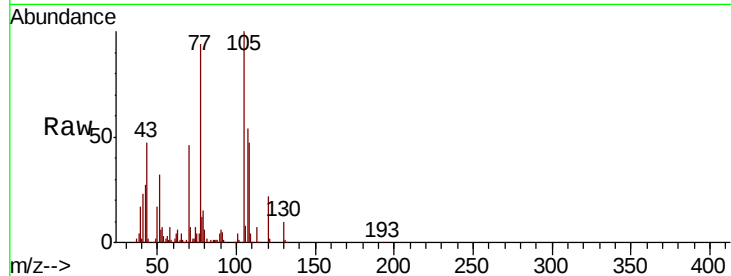
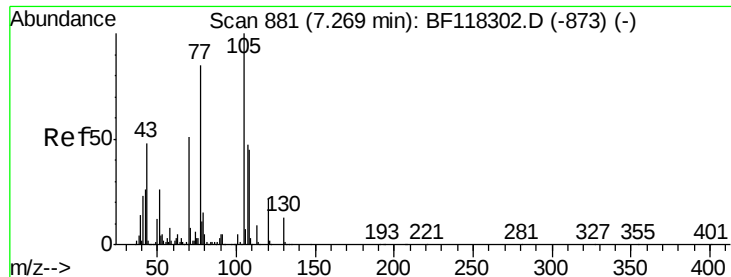
Tot Ion:107 Resp: 162813
Ion Ratio Lower Upper
107 100
108 115.1 89.7 134.5
77 53.7 37.2 55.8
79 52.1 36.7 55.1



#18
Hexachloroethane
Concen: 40.299 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:117 Resp: 89051
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0
201 88.3 76.2 114.2

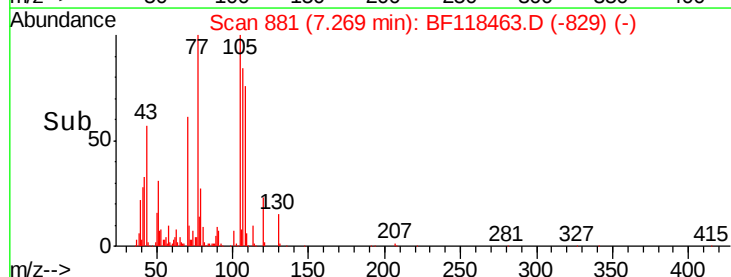
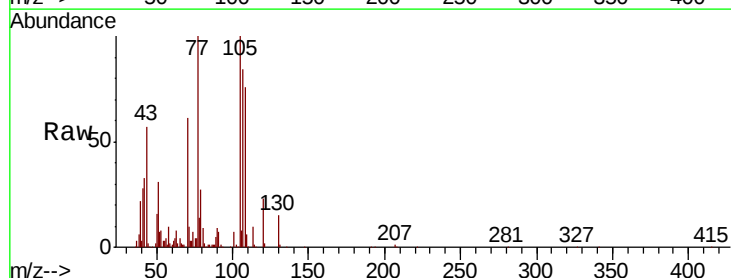
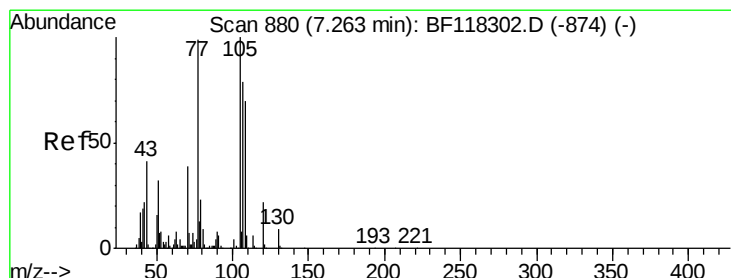
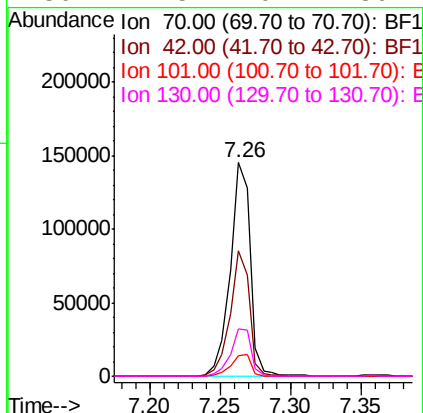




#19
n-Nitroso-di-n-propylamine
Concen: 41.302 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

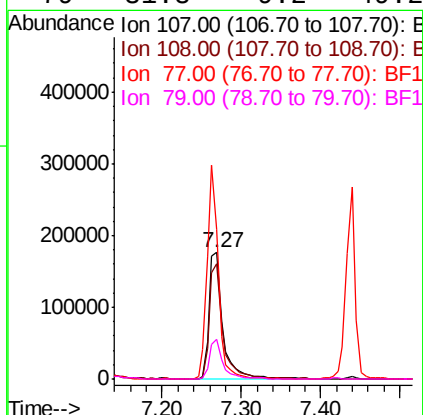
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

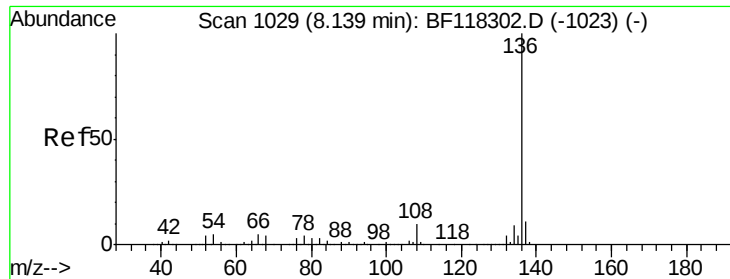
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.0	41.1	61.7
101	9.7	8.3	12.5
130	22.5	20.1	30.1



#20
3+4-Methylphenols
Concen: 40.064 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.3	109.3
77	119.2	105.9	145.9
79	31.8	9.2	49.2

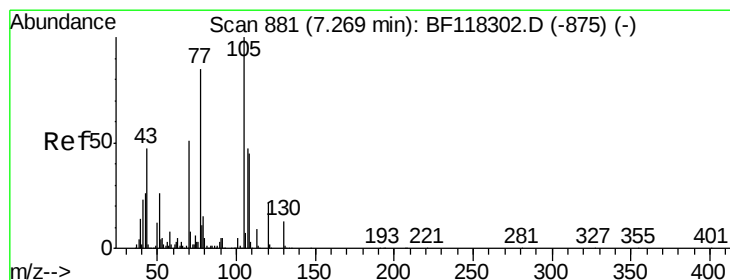
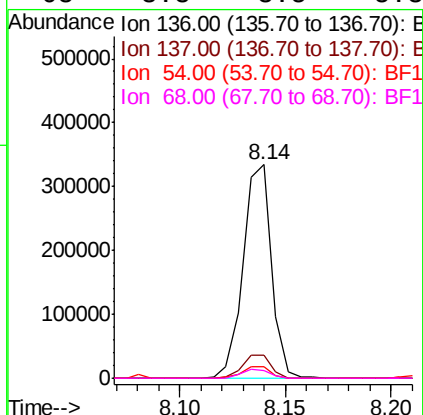
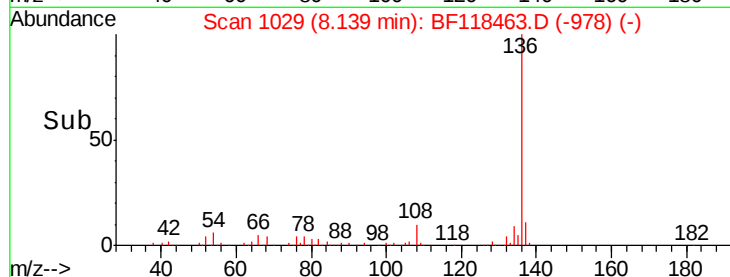
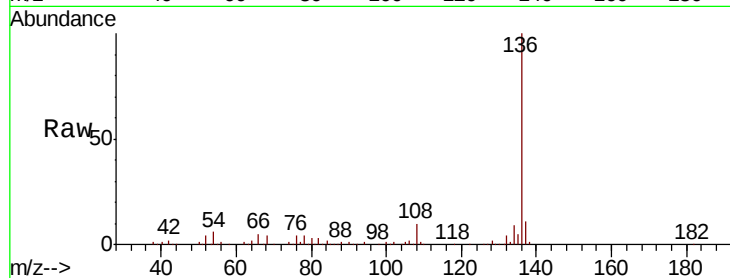




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

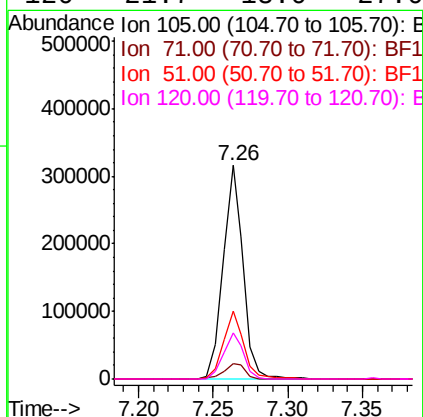
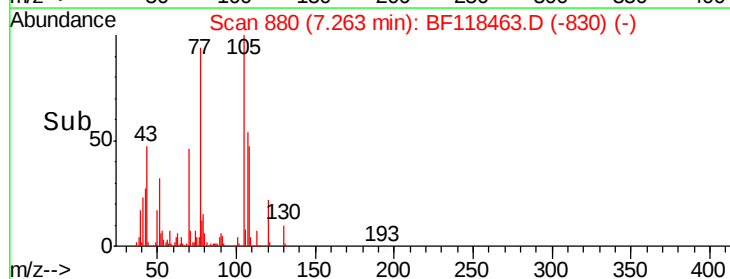
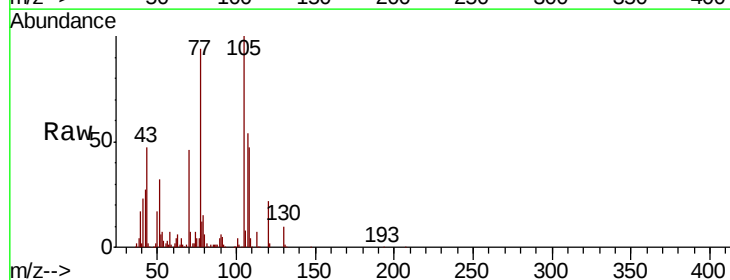
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

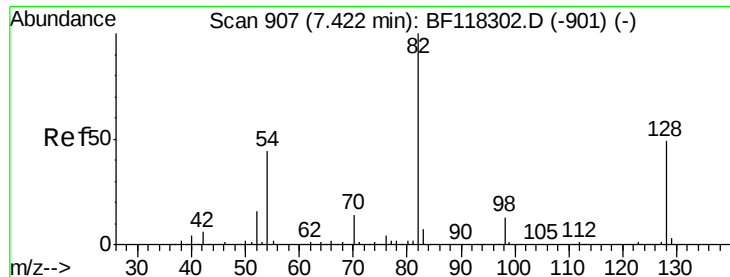
Tot Ion:136	Resp:	311677
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	5.5	4.2 6.4
68	3.8	3.5 5.3



#22
Acetophenone
Concen: 39.027 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:105	Resp:	298124
Ion	Ratio	Lower Upper
105	100	
71	7.5	6.6 9.8
51	31.6	20.6 30.8#
120	21.7	18.0 27.0

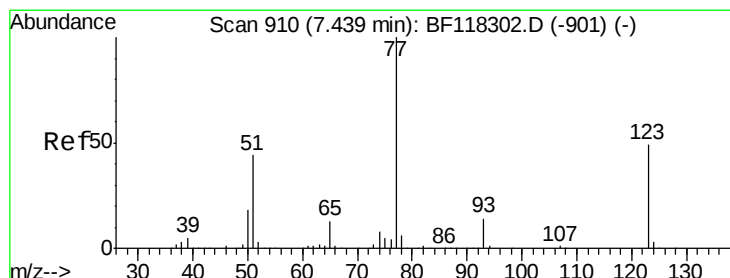
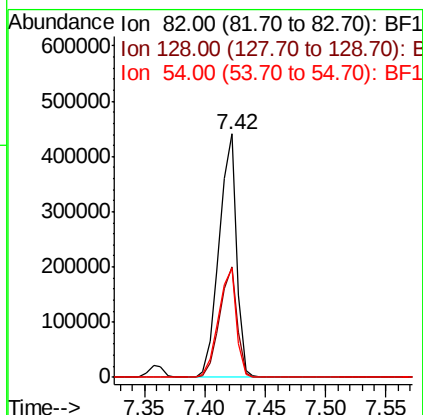
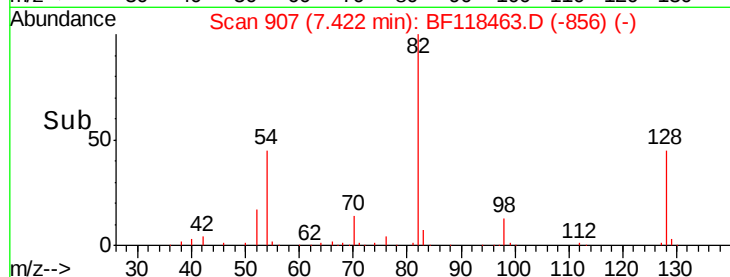
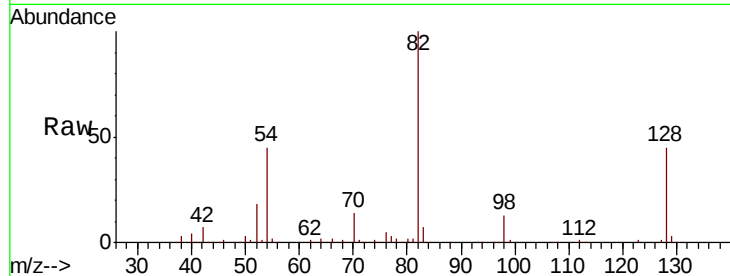




#23
Nitrobenzene-d5
Concen: 80.352 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

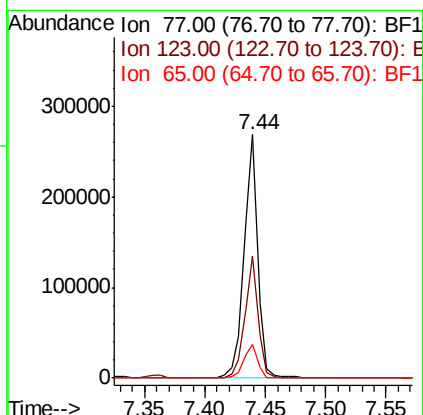
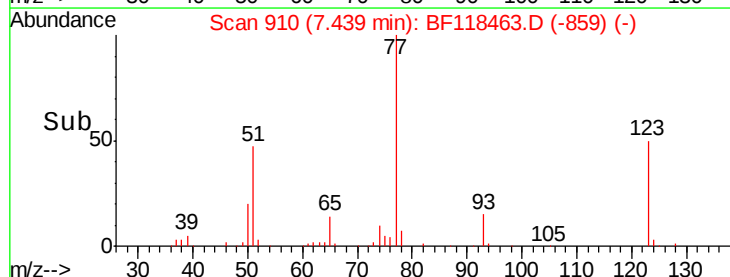
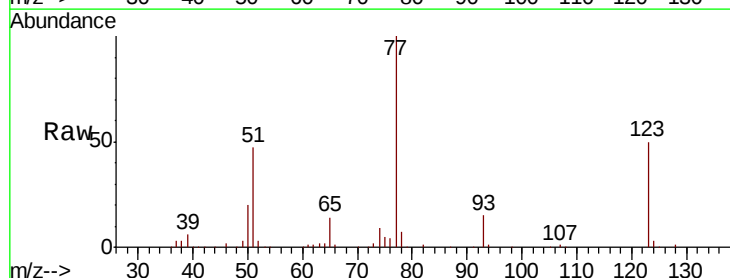
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

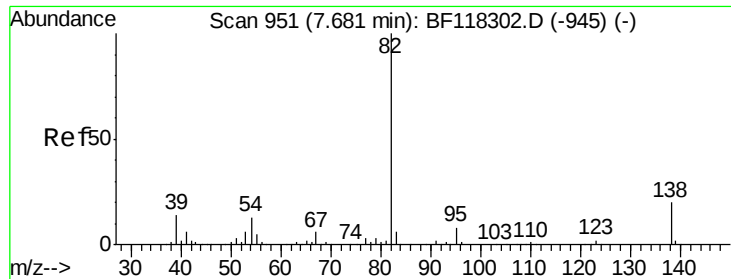
Tot Ion: 82 Resp: 437870
Ion Ratio Lower Upper
82 100
128 45.3 39.6 59.4
54 44.9 34.9 52.3



#24
Nitrobenzene
Concen: 39.064 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion: 77 Resp: 213240
Ion Ratio Lower Upper
77 100
123 49.9 39.1 58.7
65 13.8 10.6 16.0

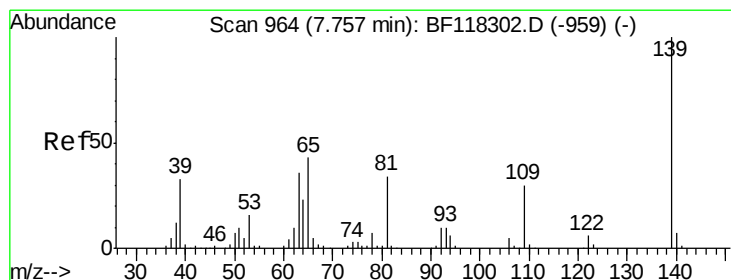
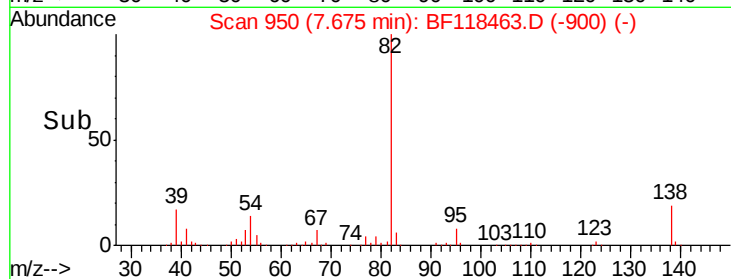
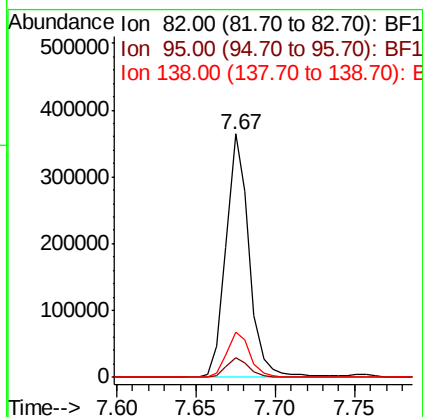
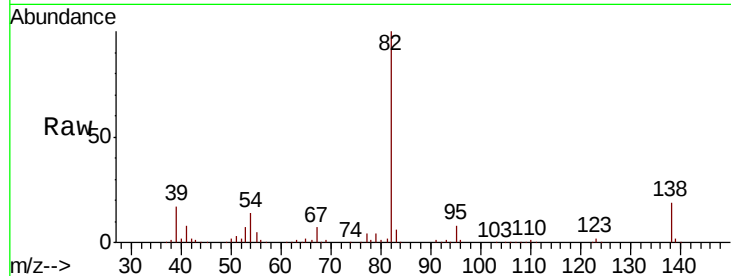




#25
Isophorone
Concen: 38.844 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

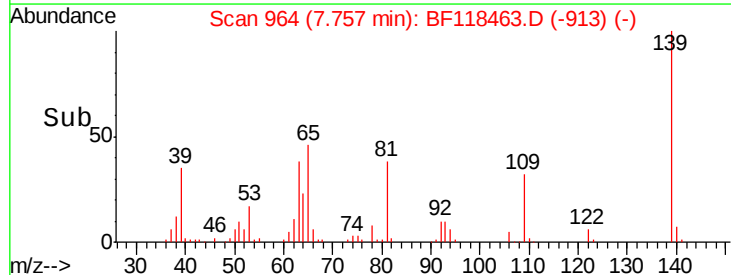
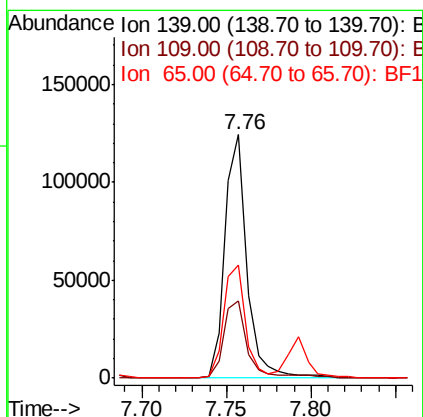
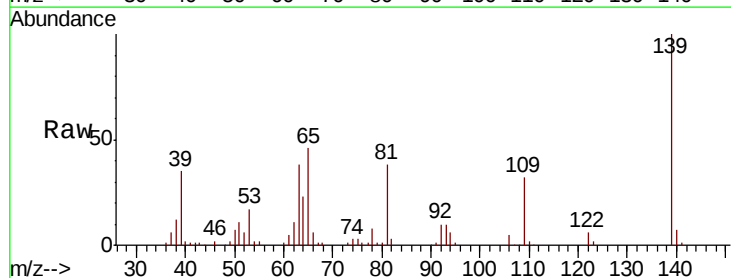
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

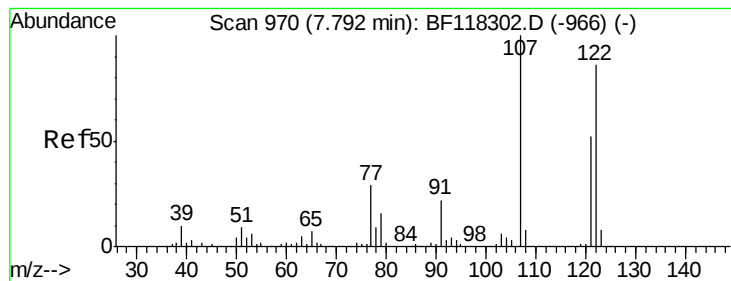
Tot Ion	82	Resp	368909
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.3	9.5
138	18.5	16.2	24.2



#26
2-Nitrophenol
Concen: 39.050 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion	139	Resp	112909
Ion Ratio	Lower	Upper	
139	100		
109	31.6	24.1	36.1
65	46.3	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 38.069 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

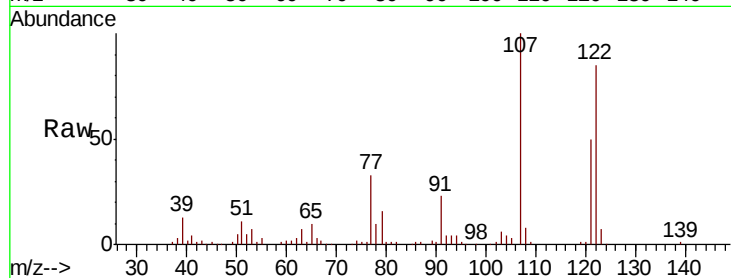
Tot Ion:122 Resp: 150179

Ion Ratio Lower Upper

122 100

107 117.1 92.9 139.3

121 58.1 47.9 71.9

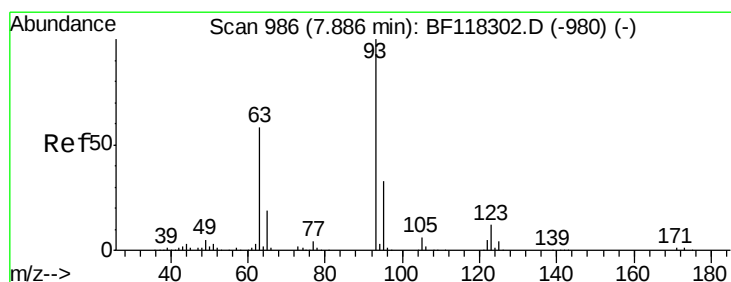
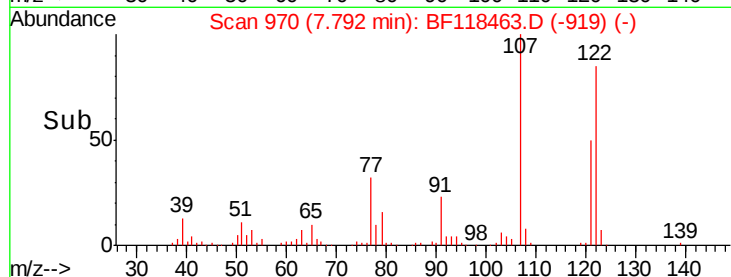
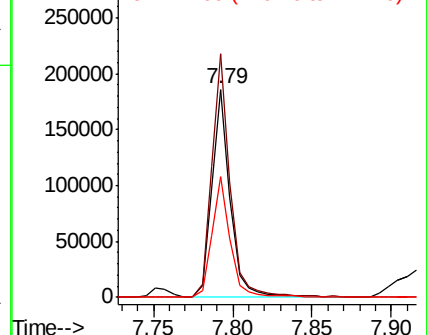


Abundance

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: 38.692 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

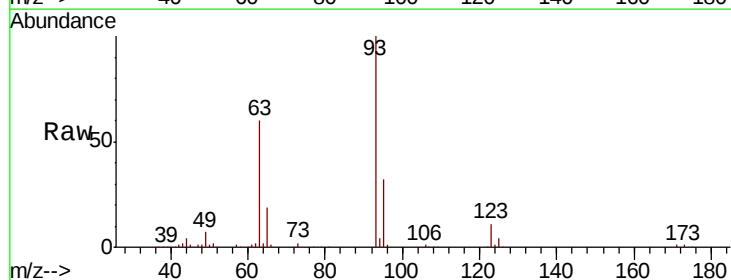
Tgt Ion: 93 Resp: 240317

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 10.9 9.8 14.8

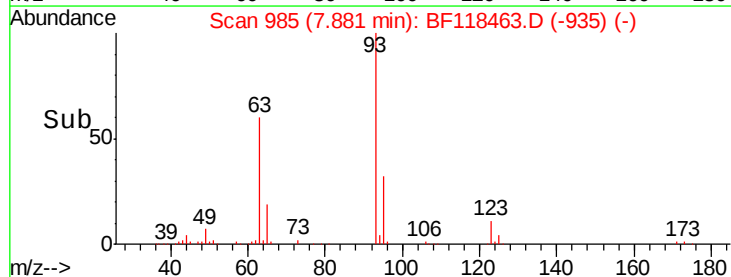
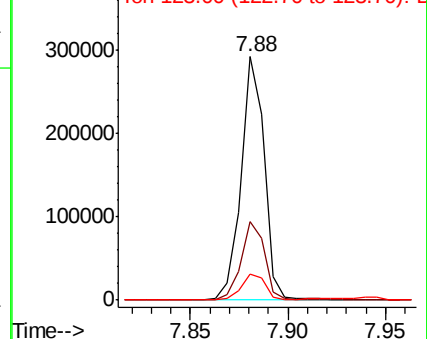


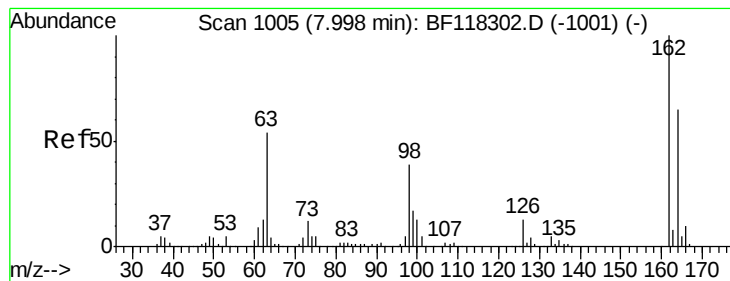
Abundance

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

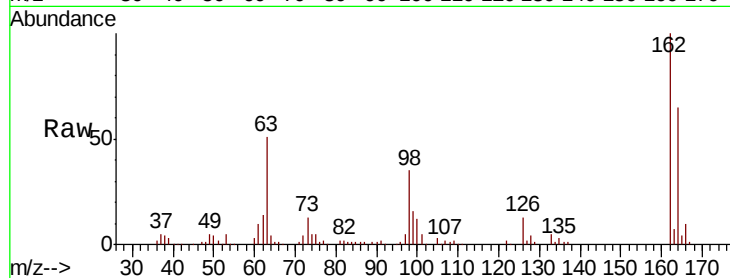




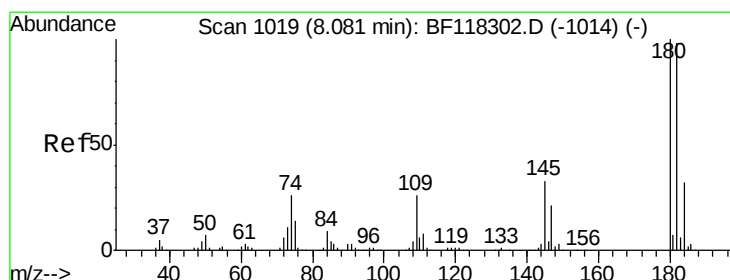
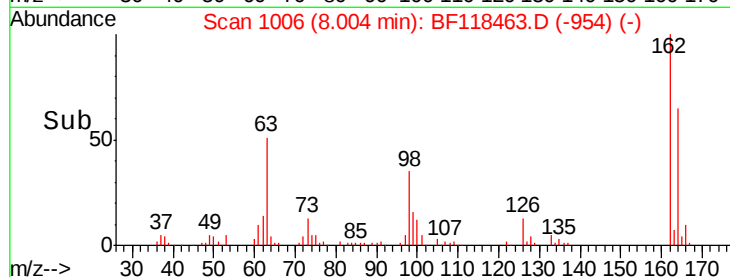
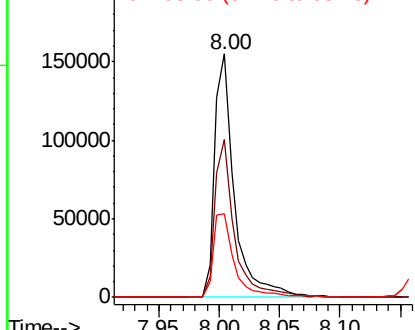
#29
 2,4-Dichlorophenol
 Concen: 38.350 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 174130
 Ion Ratio Lower Upper
 162 100
 164 64.7 45.1 85.1
 98 34.5 18.6 58.6

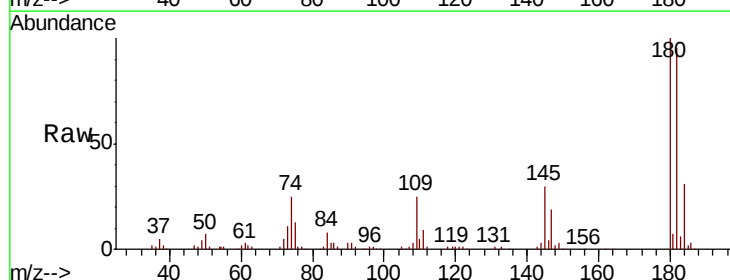


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

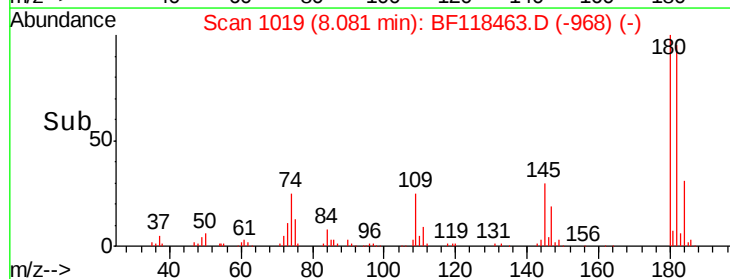
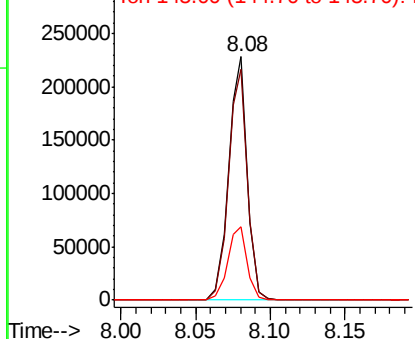


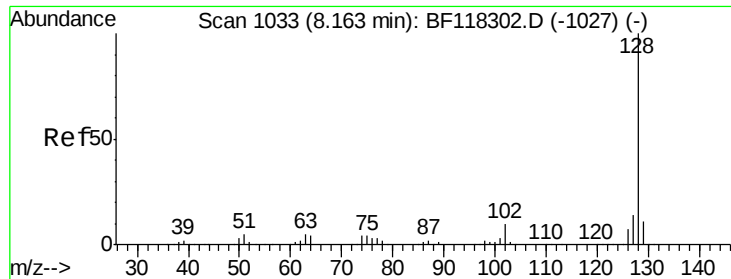
#30
 1,2,4-Trichlorobenzene
 Concen: 38.194 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion:180 Resp: 202018
 Ion Ratio Lower Upper
 180 100
 182 94.9 78.3 117.5
 145 30.2 26.7 40.1



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

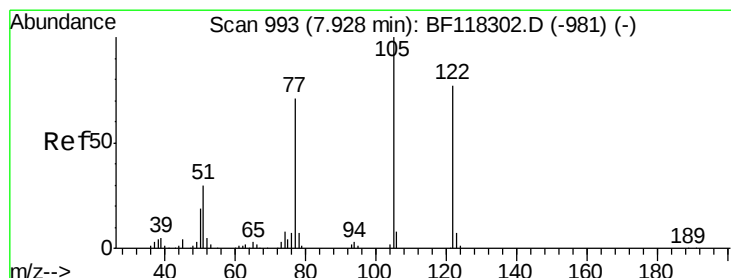
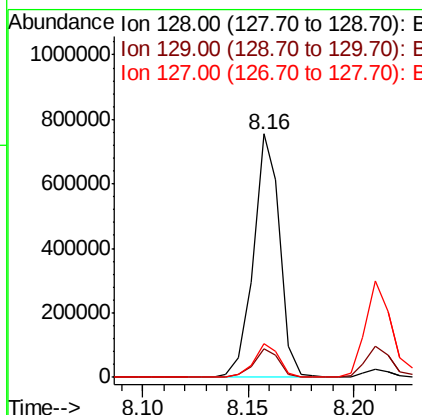
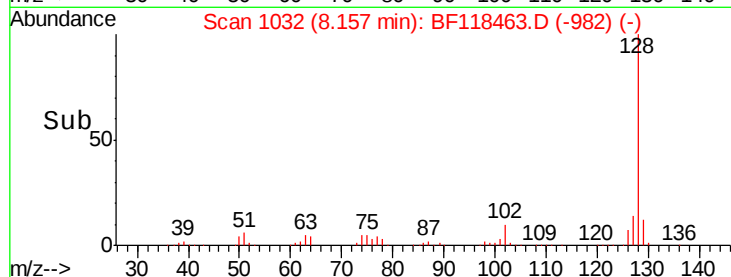
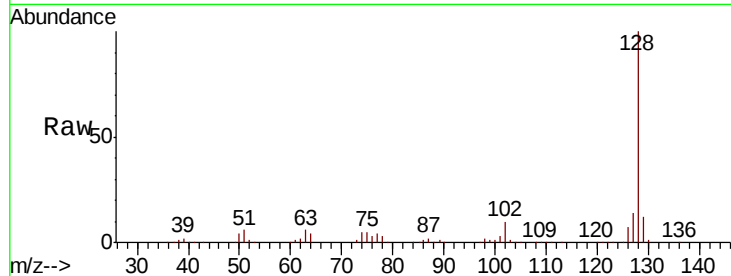




#31
Naphthalene
Concen: 41.121 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

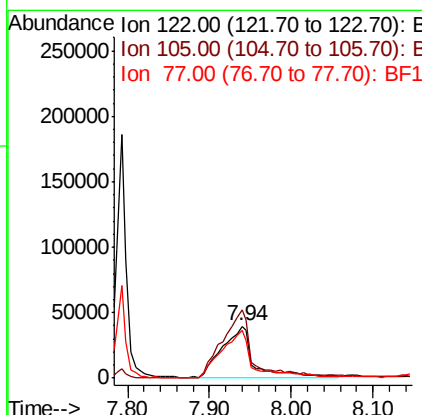
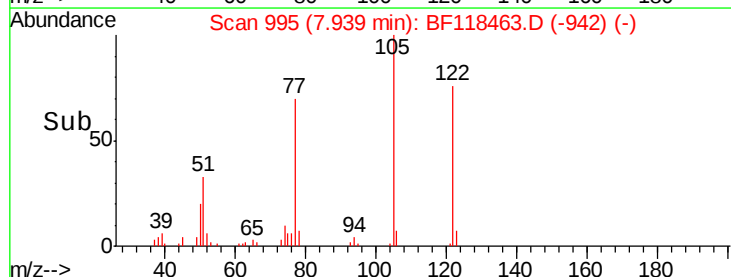
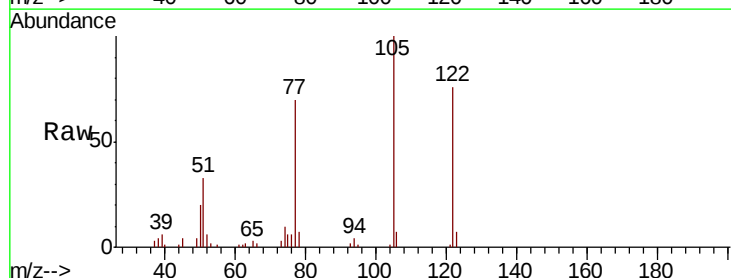
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

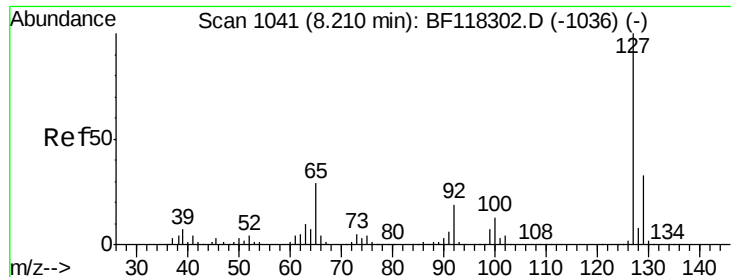
Tot Ion:128 Resp: 651412
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 33.129 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:122 Resp: 103718
Ion Ratio Lower Upper
122 100
105 131.6 106.8 146.8
77 92.2 70.4 110.4

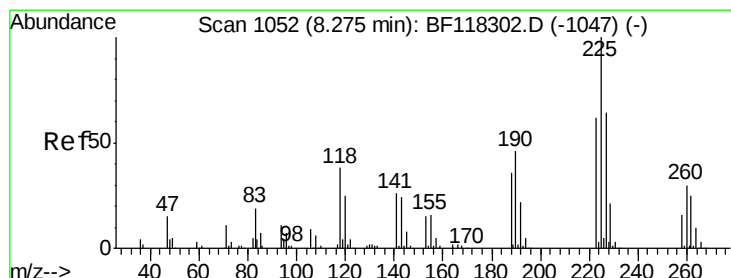
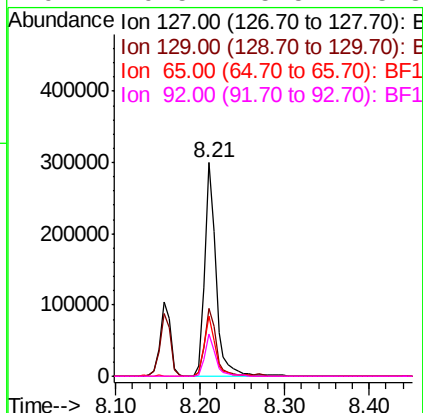
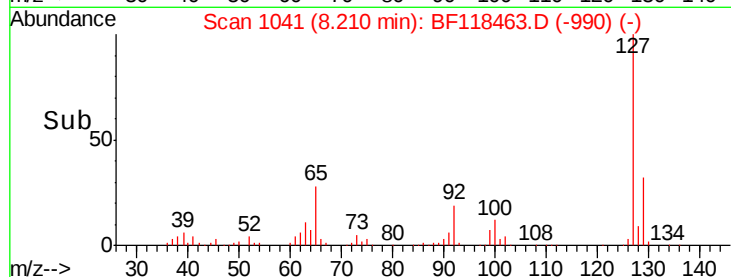
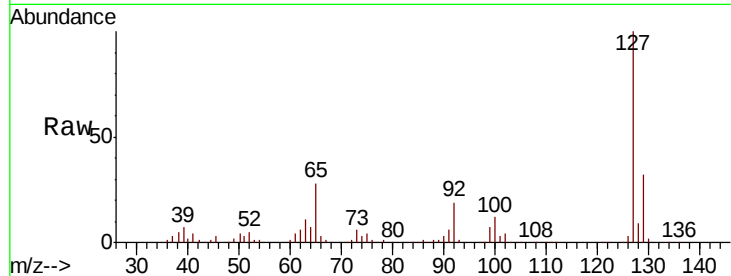




#33
4-Chloroaniline
Concen: 40.965 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

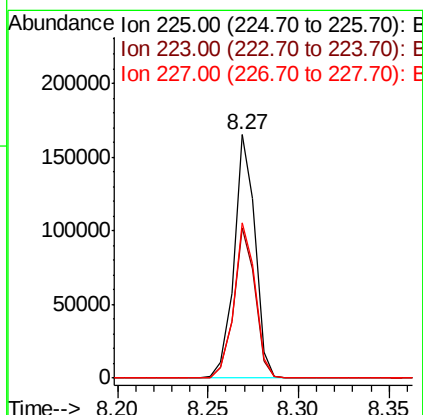
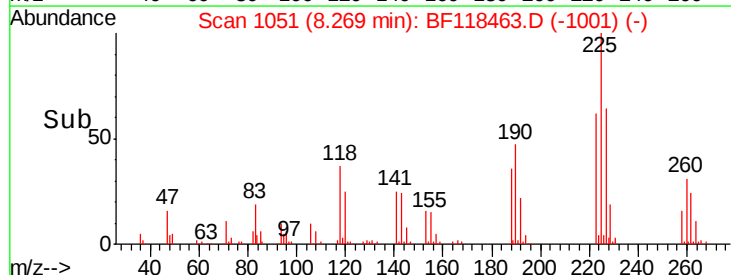
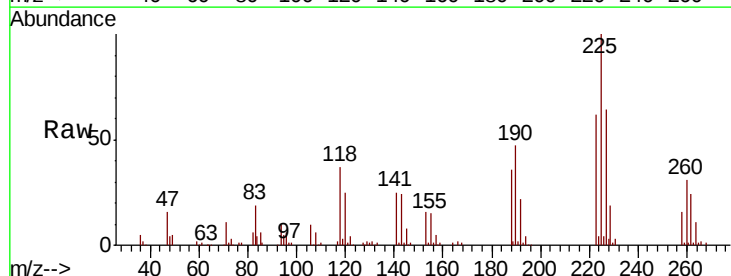
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

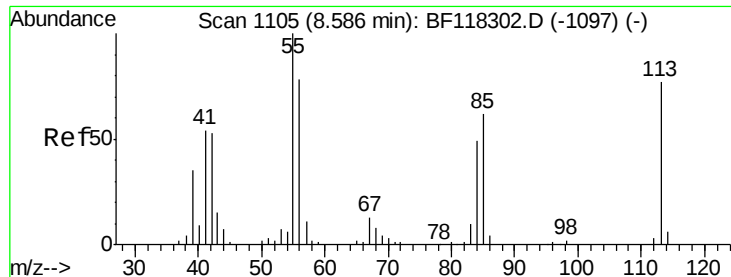
Tot Ion:	127	Resp:	278199
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	28.4	22.8	34.2
92	19.5	15.5	23.3



#34
Hexachlorobutadiene
Concen: 42.229 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:	225	Resp:	132958
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.8	51.0	76.4





#35

Caprolactam

Concen: 39.532 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

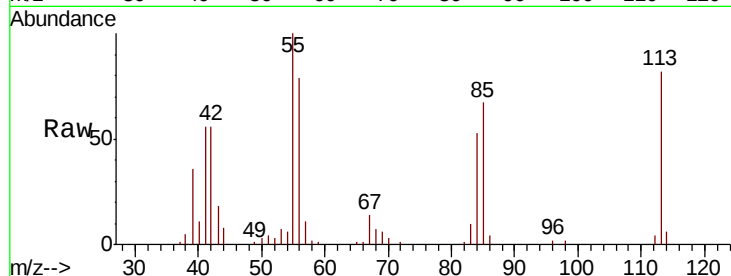
Tot Ion:113 Resp: 56040

Ion Ratio Lower Upper

113 100

55 121.3 109.8 149.8

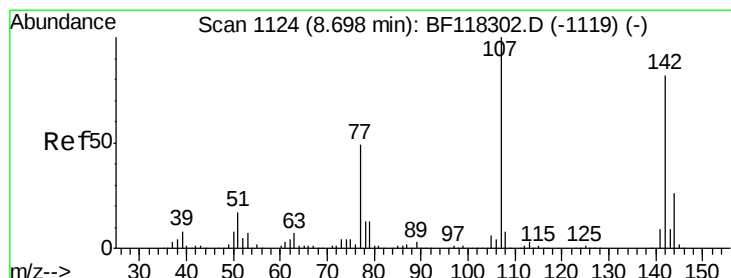
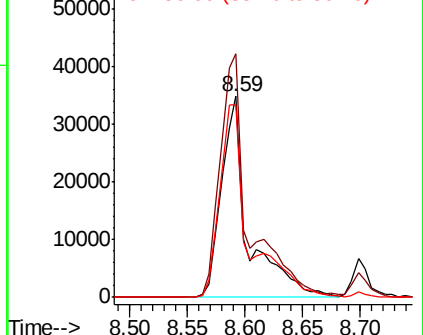
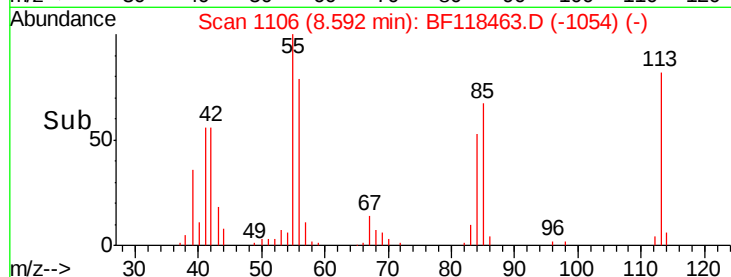
56 95.9 81.7 121.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.498 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

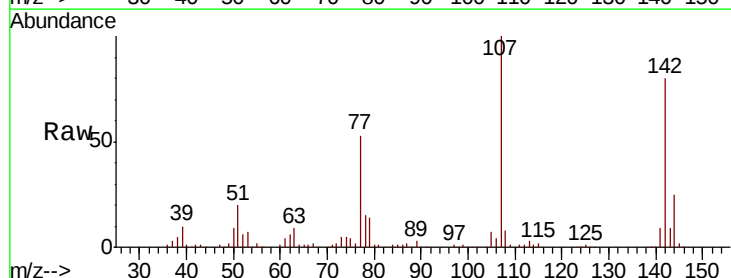
Tgt Ion:107 Resp: 197428

Ion Ratio Lower Upper

107 100

144 25.4 21.2 31.8

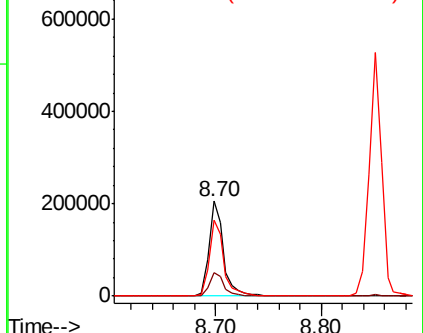
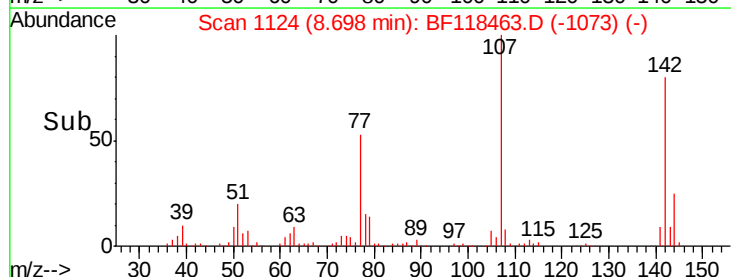
142 79.9 65.4 98.2

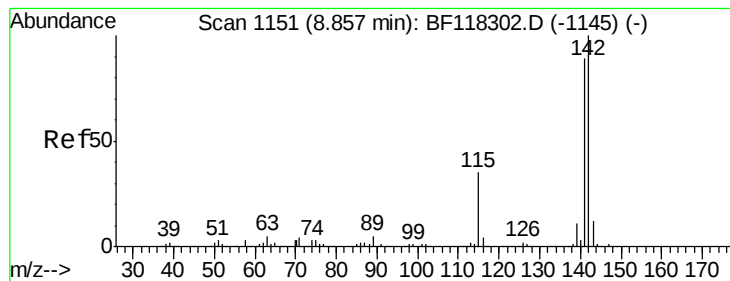


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.159 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

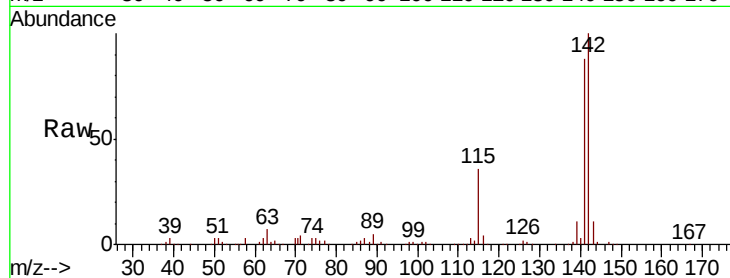
Tot Ion:142 Resp: 424718

Ion Ratio Lower Upper

142 100

141 87.6 71.2 106.8

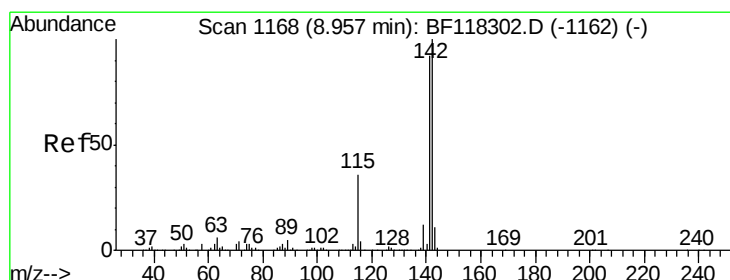
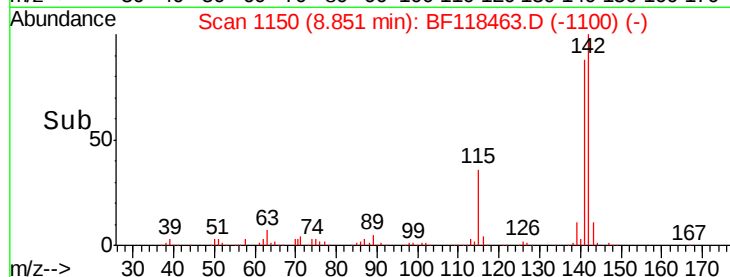
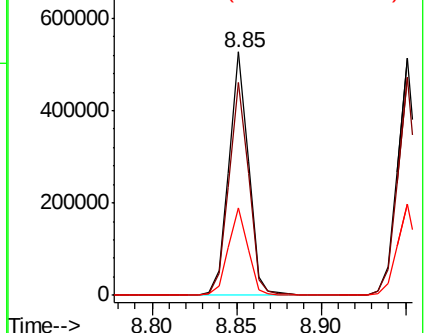
115 36.2 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.099 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

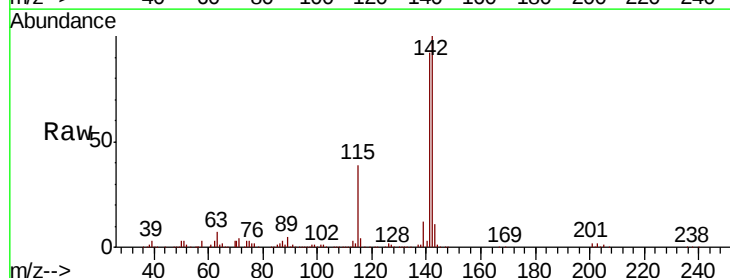
Tgt Ion:142 Resp: 399533

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2

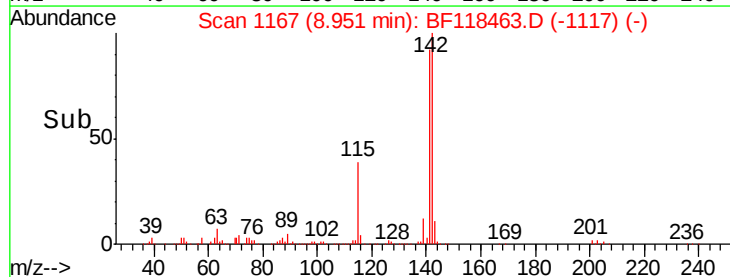
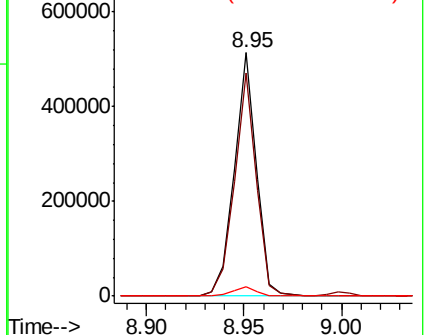
116 3.7 2.9 4.3

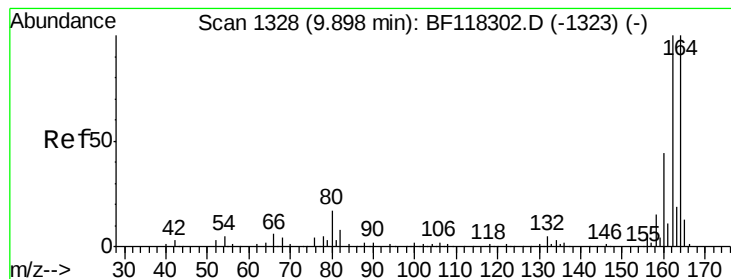


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

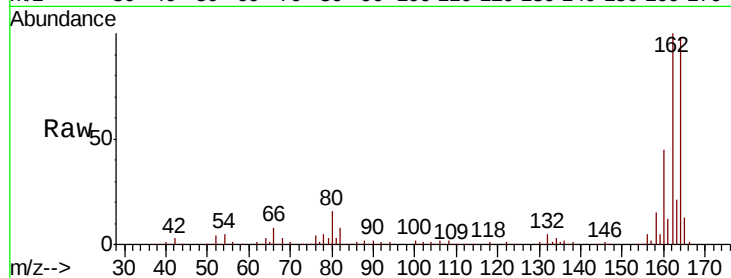
Tot Ion:164 Resp: 160846

Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

160 46.4 34.8 52.2

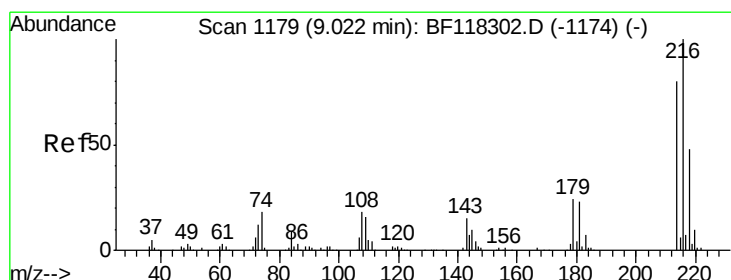
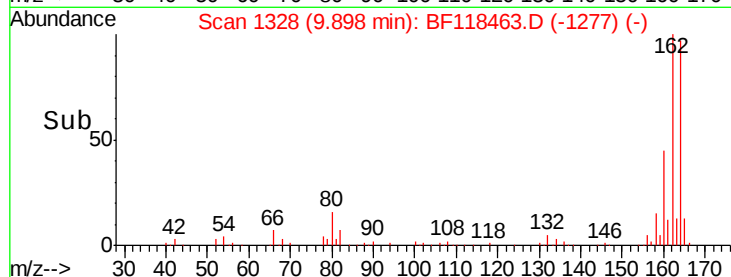
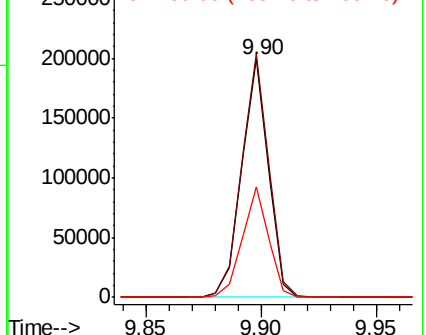


Abundance

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: 41.186 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Tgt Ion:216 Resp: 199041

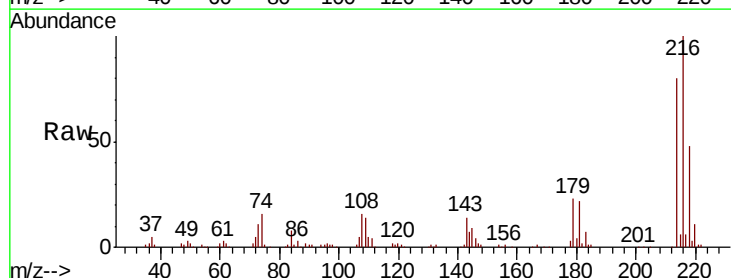
Ion Ratio Lower Upper

216 100

214 79.6 63.3 94.9

179 23.3 18.9 28.3

108 19.2 15.0 22.6



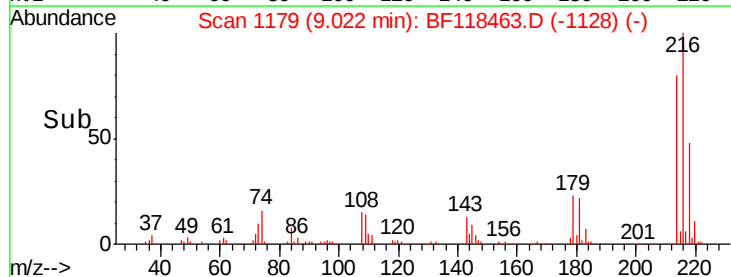
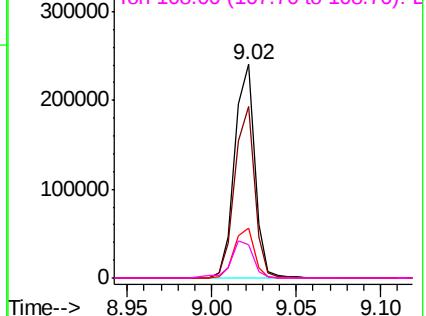
Abundance

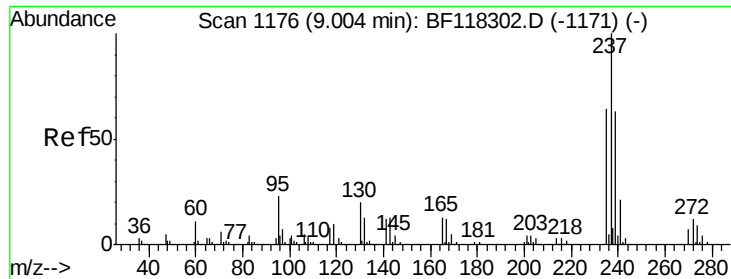
Ion 216.00 (215.70 to 216.70): E

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: 32.236 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

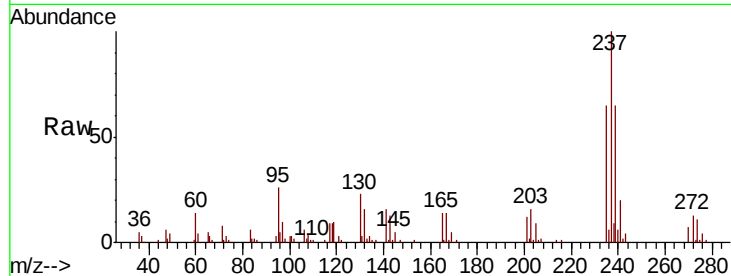
Tot Ion:237 Resp: 53220

Ion Ratio Lower Upper

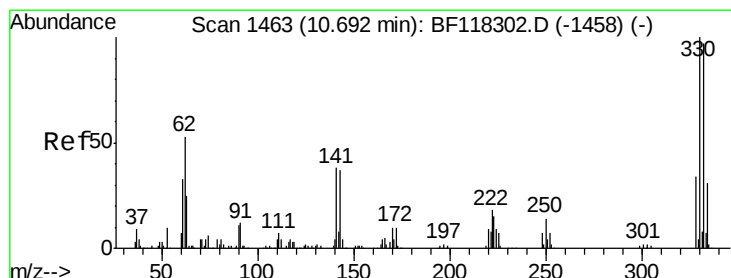
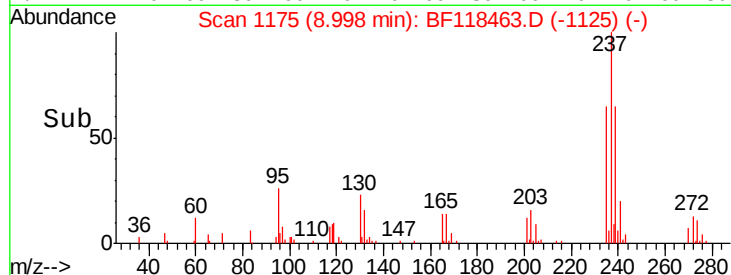
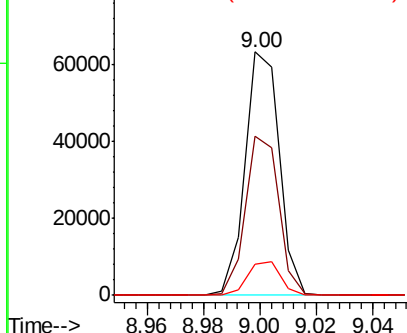
237 100

235 65.2 43.8 83.8

272 12.8 0.0 31.7



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



#42

2,4,6-Tribromophenol

Concen: 77.637 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

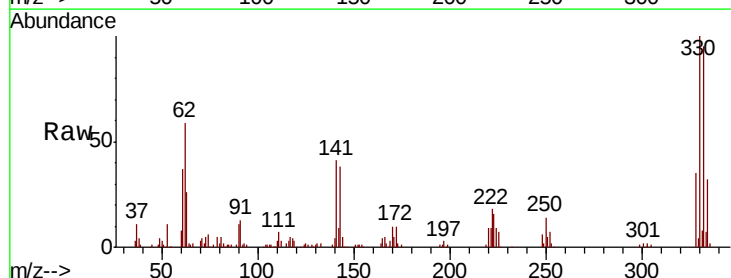
Tgt Ion:330 Resp: 154212

Ion Ratio Lower Upper

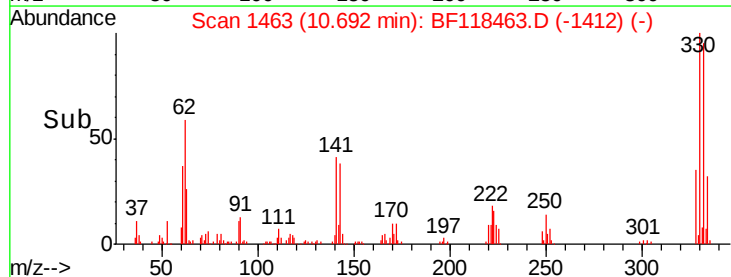
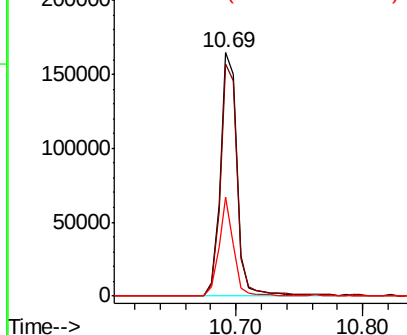
330 100

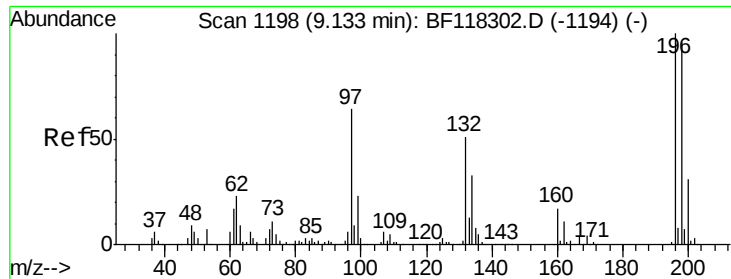
332 96.2 76.6 114.8

141 35.0 26.0 39.0



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

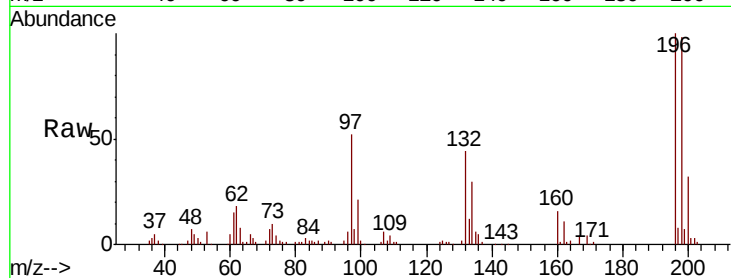




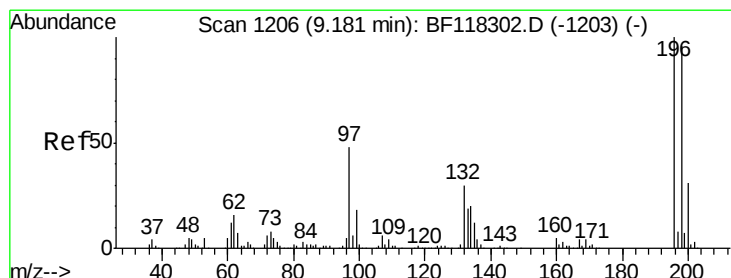
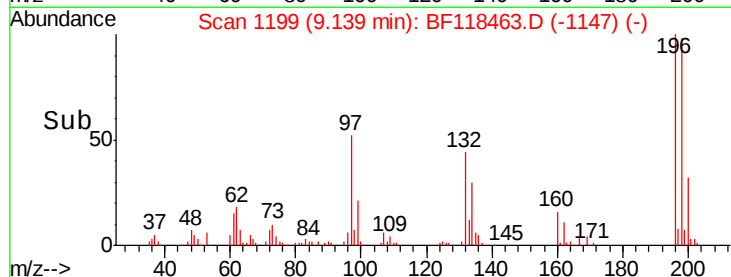
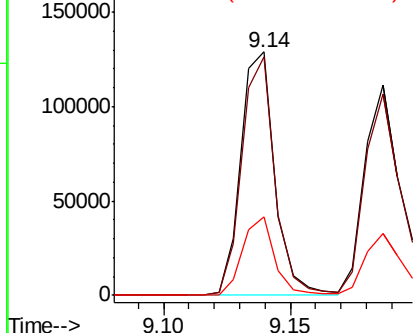
#43
 2,4,6-Trichlorophenol
 Concen: 37.265 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.7	115.1
200	32.4	24.8	37.2



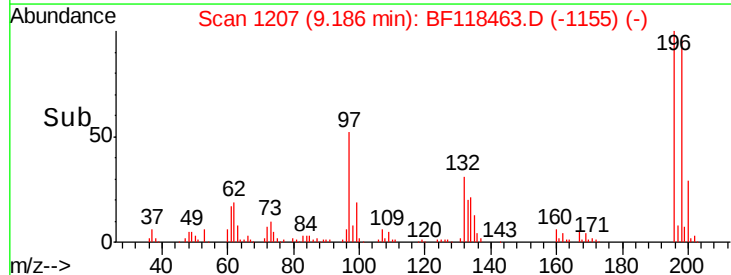
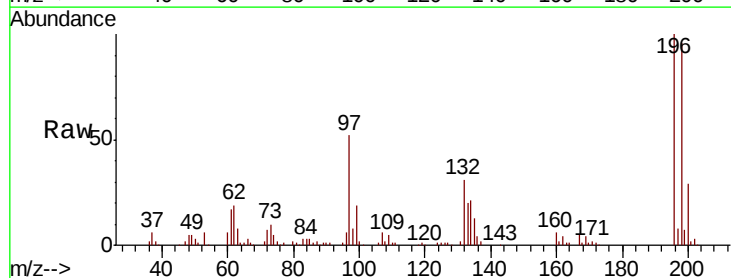
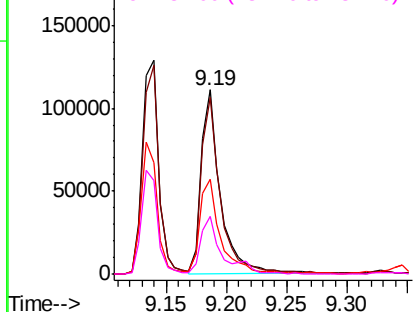
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

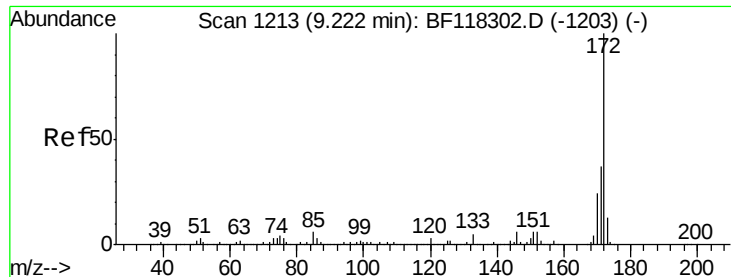


#44
 2,4,5-Trichlorophenol
 Concen: 36.871 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.0	115.4
97	51.6	38.9	58.3
132	31.1	23.9	35.9

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: 83.550 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

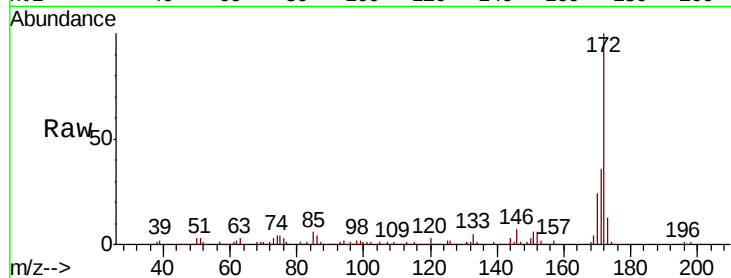
Tot Ion:172 Resp: 880380

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

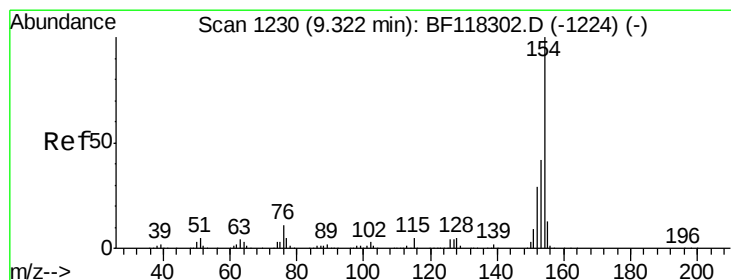
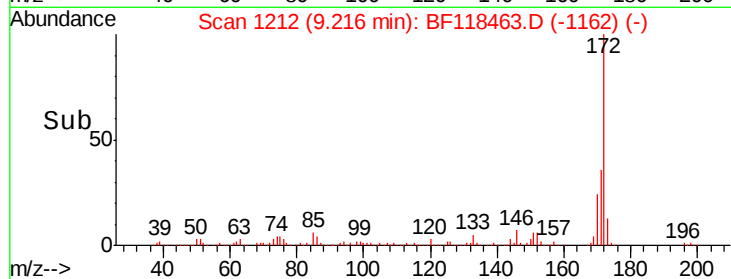
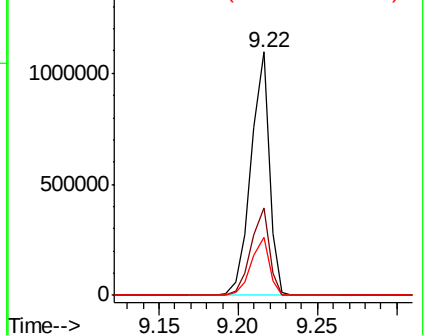
170 23.6 19.2 28.8



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: 40.907 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

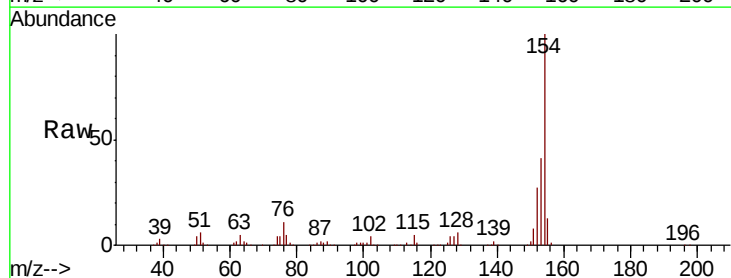
Tgt Ion:154 Resp: 520417

Ion Ratio Lower Upper

154 100

153 40.6 21.8 61.8

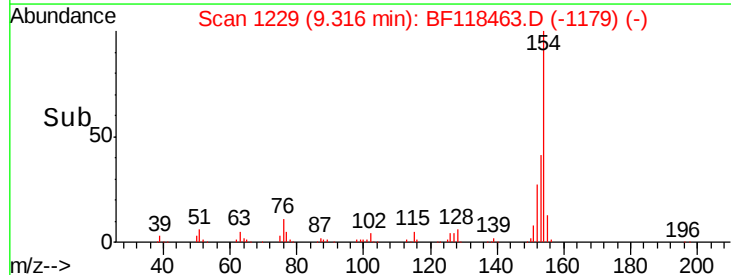
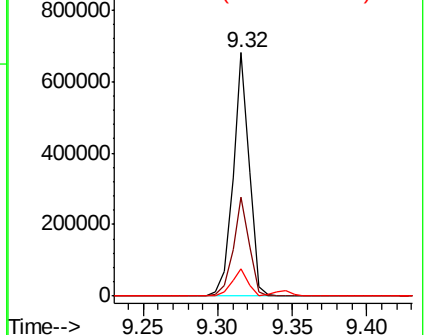
76 11.4 0.0 30.9

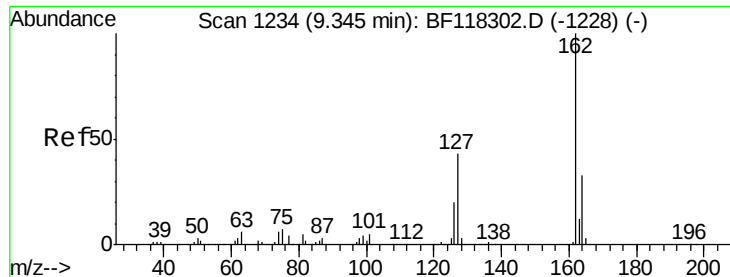


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

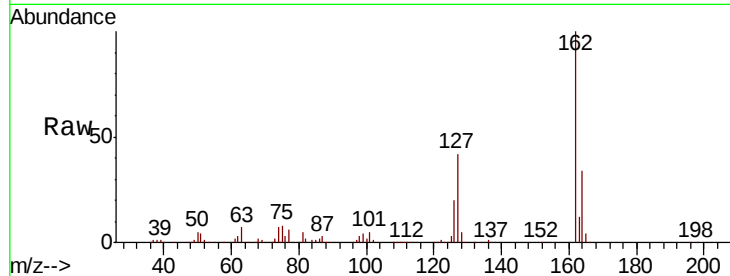




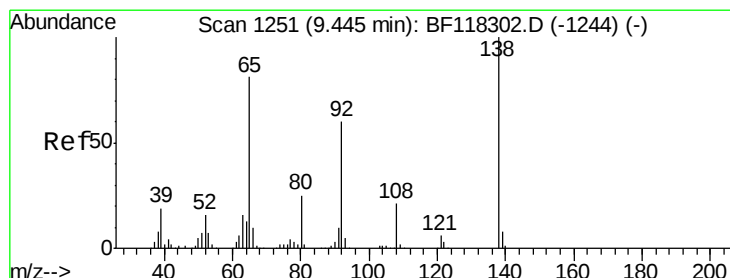
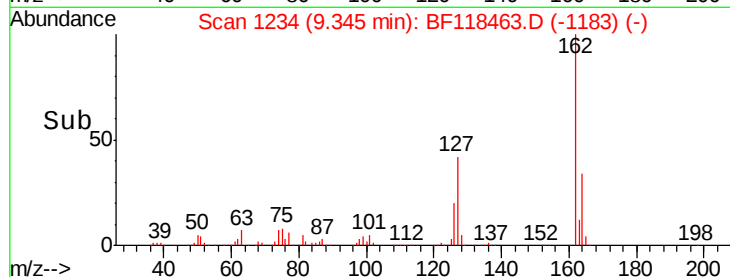
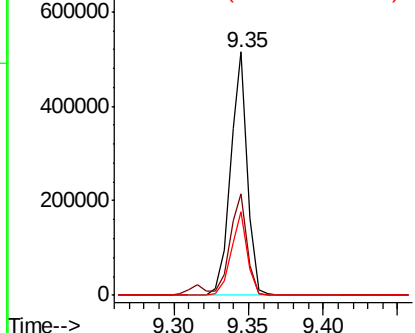
#47
 2-Chloronaphthalene
 Concen: 40.133 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	35.0	52.4
164	34.1	26.6	40.0

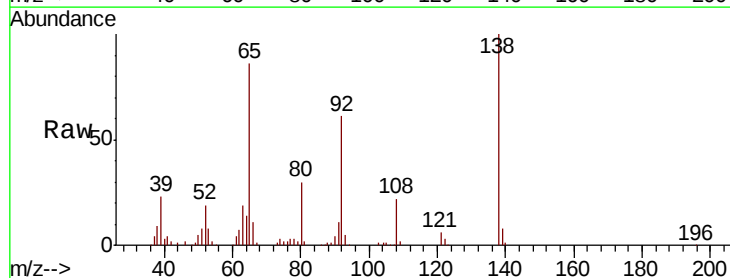


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

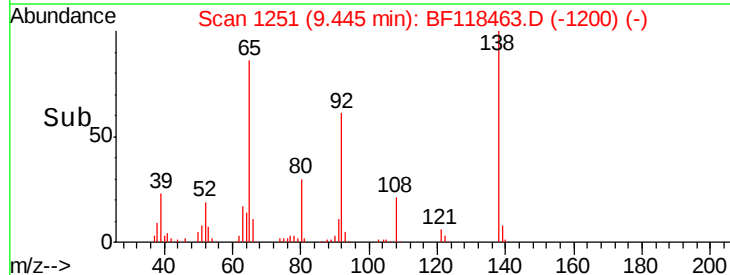
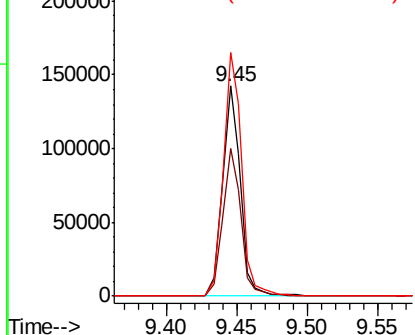


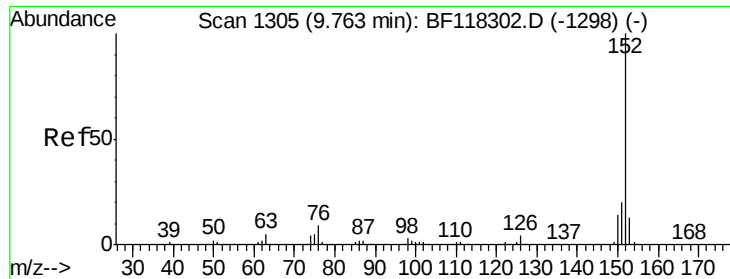
#48
 2-Nitroaniline
 Concen: 42.982 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	58.7	88.1
138	116.0	98.5	147.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.553 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

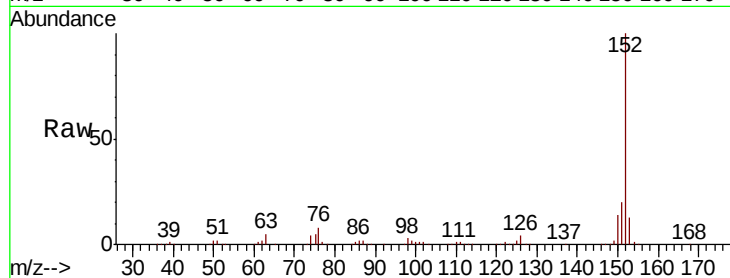
Tot Ion:152 Resp: 631004

Ion Ratio Lower Upper

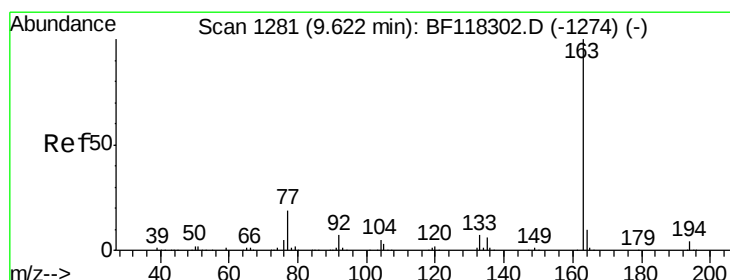
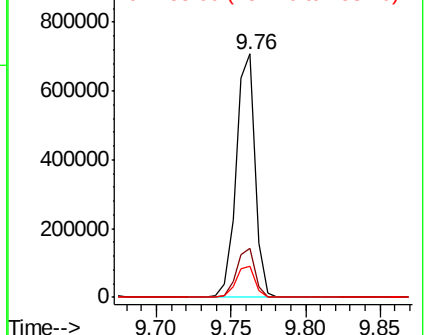
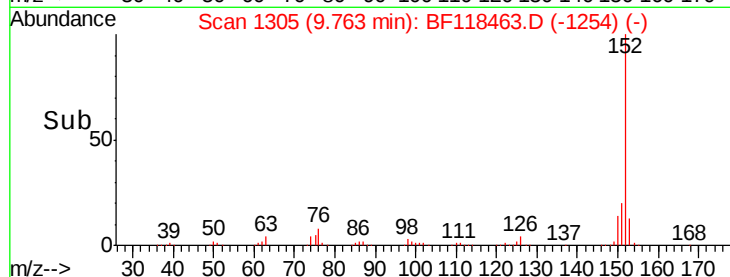
152 100

151 20.1 16.2 24.2

153 12.9 10.5 15.7



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: 40.672 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

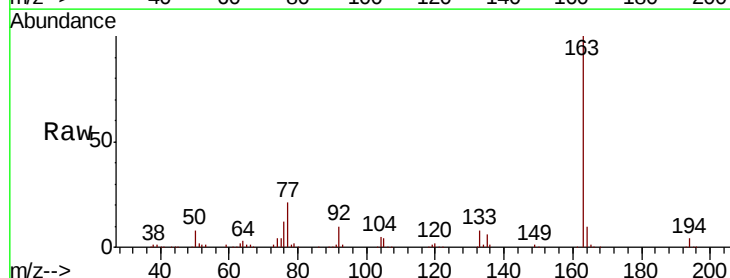
Tgt Ion:163 Resp: 491060

Ion Ratio Lower Upper

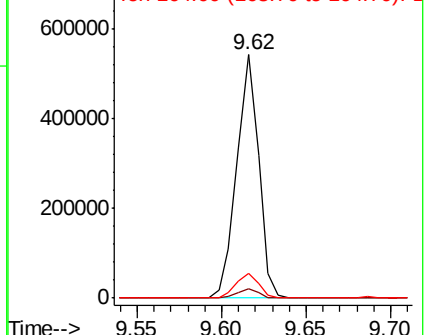
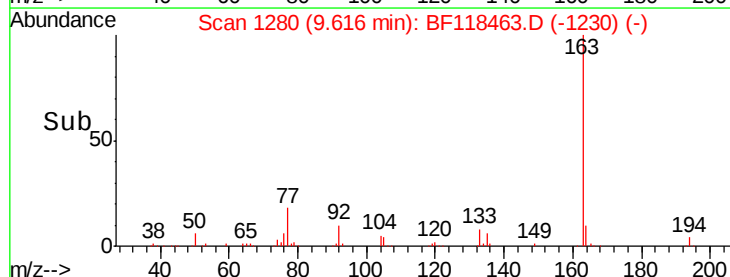
163 100

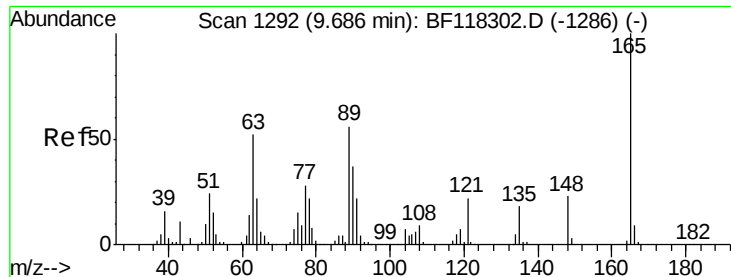
194 3.8 3.2 4.8

164 10.2 7.9 11.9



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

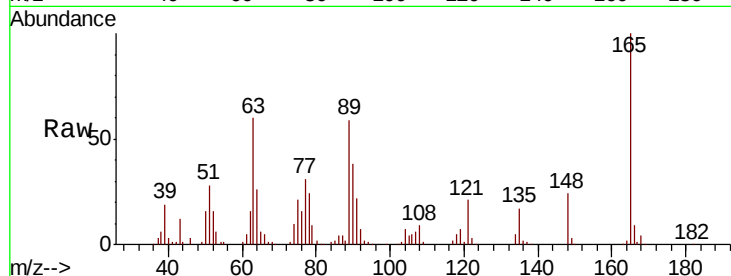




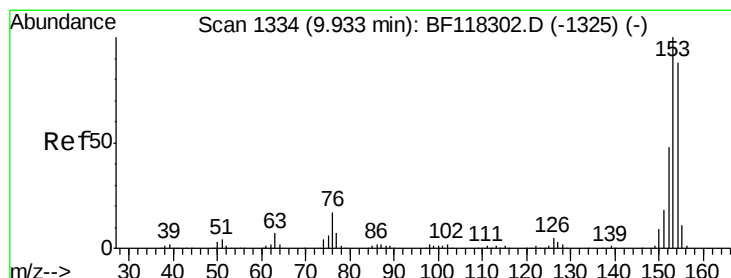
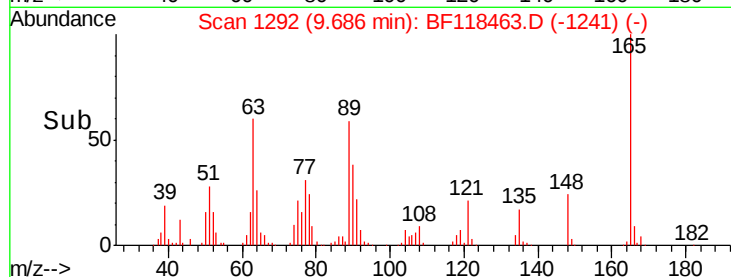
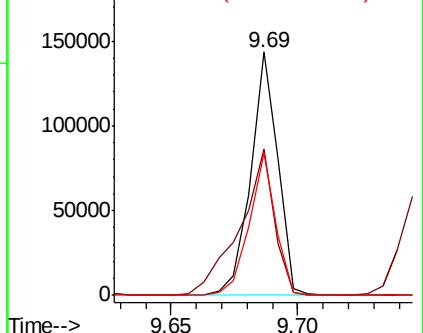
#51
 2,6-Dinitrotoluene
 Concen: 40.873 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165	Resp:	106393
Ion Ratio	Lower	Upper
165	100	
63	60.0	42.2 63.4
89	58.6	44.4 66.6

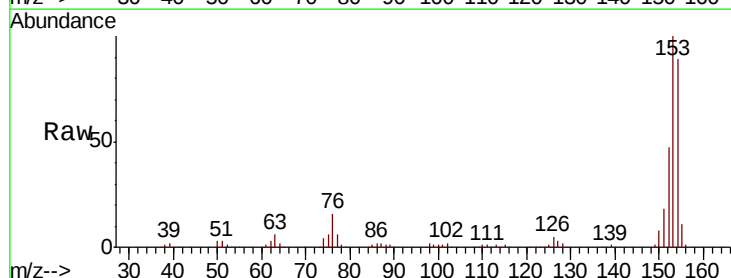


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

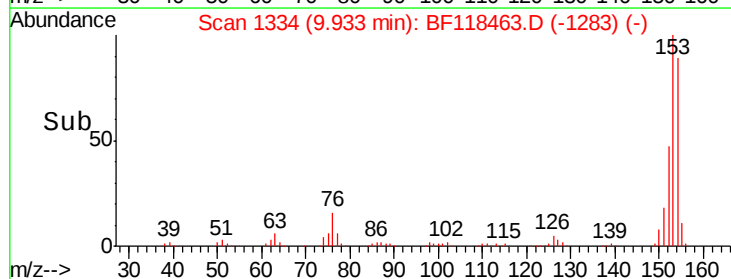
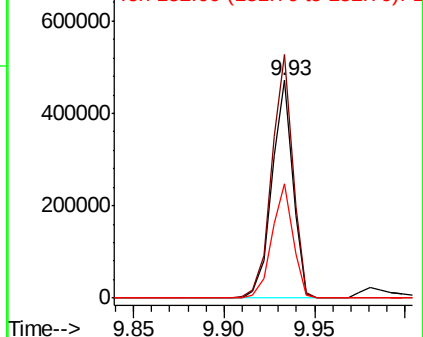


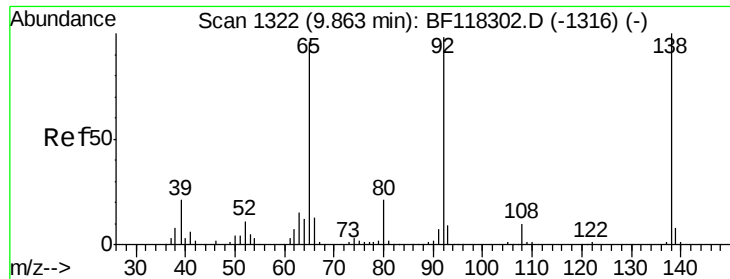
#52
 Acenaphthene
 Concen: 40.819 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion:154	Resp:	377564
Ion Ratio	Lower	Upper
154	100	
153	111.9	90.6 136.0
152	52.6	43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

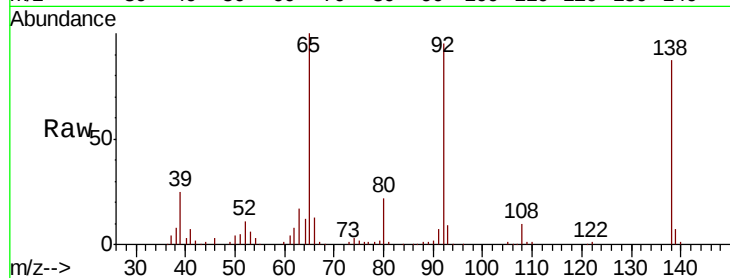




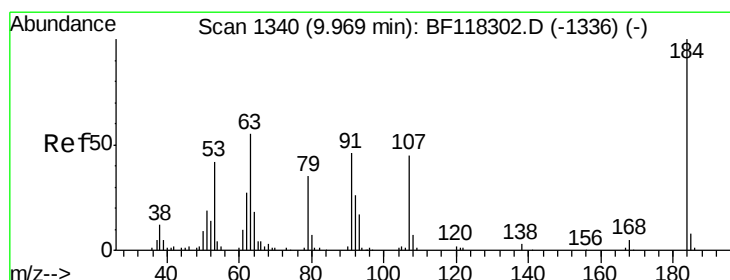
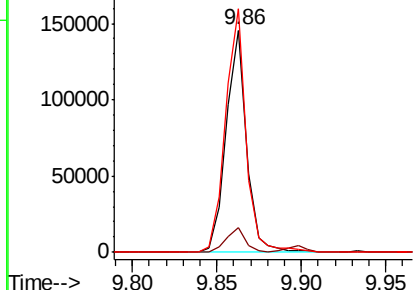
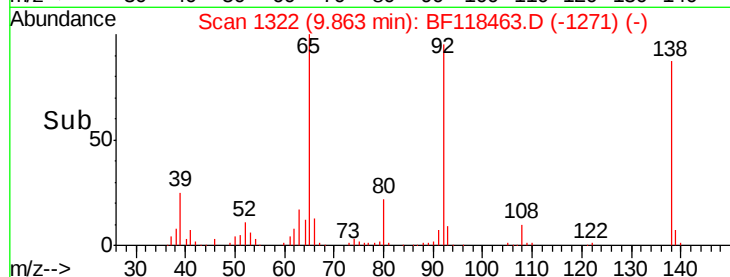
#53
3-Nitroaniline
Concen: 40.205 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 122833
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.8
92 109.6 78.2 117.2

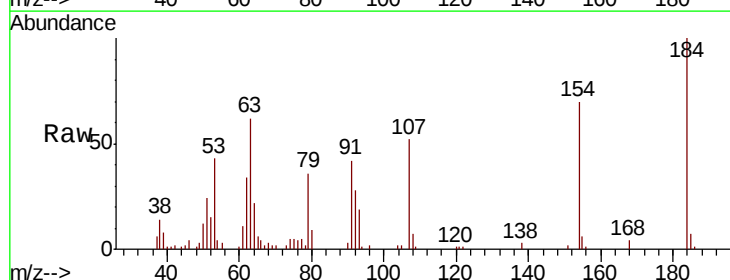


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

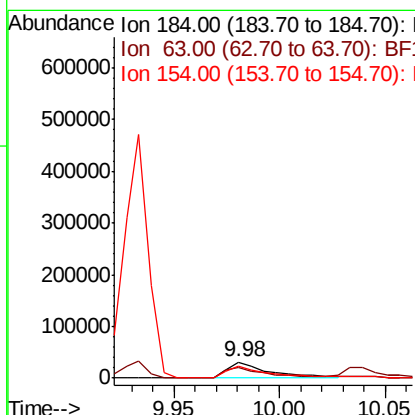
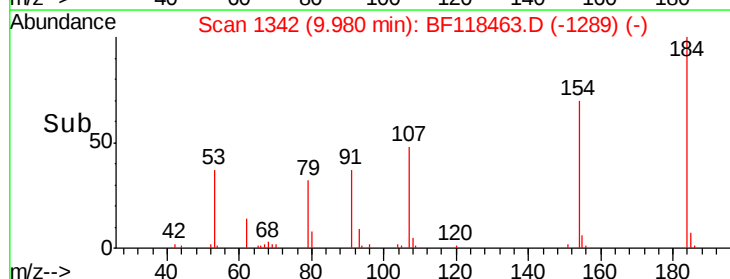


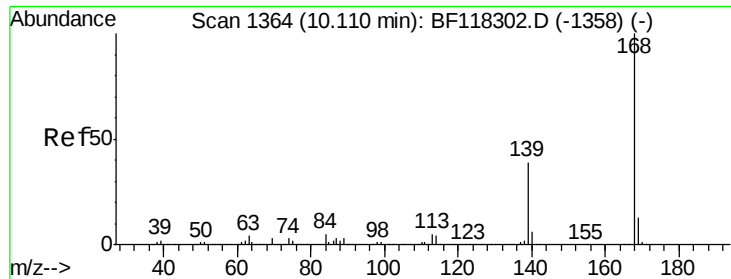
#54
2,4-Dinitrophenol
Concen: 35.527 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:184 Resp: 42583
Ion Ratio Lower Upper
184 100
63 62.2 48.8 73.2
154 70.5 55.0 82.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

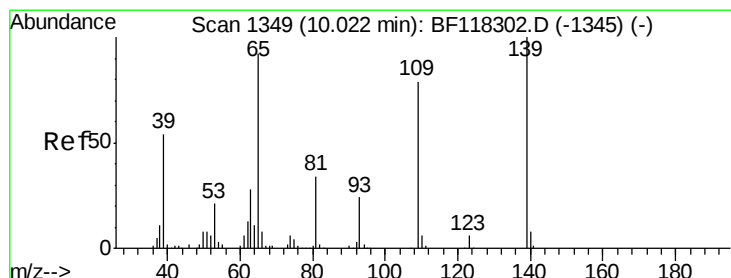
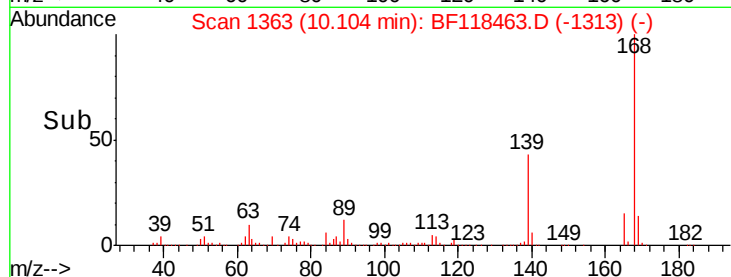
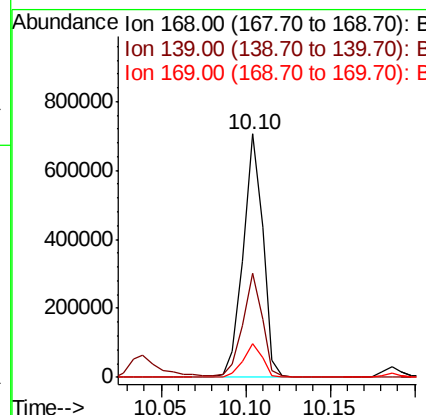
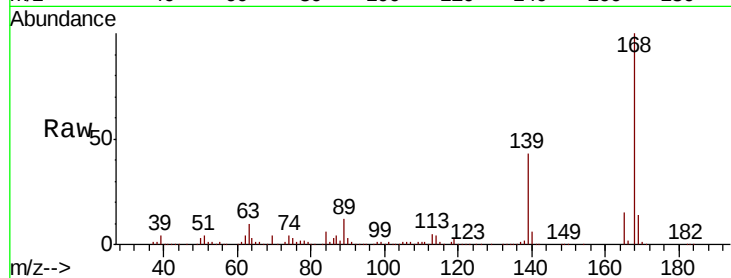




#55
Dibenzofuran
Concen: 41.829 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

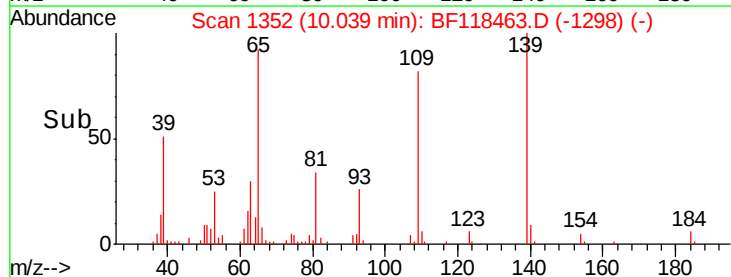
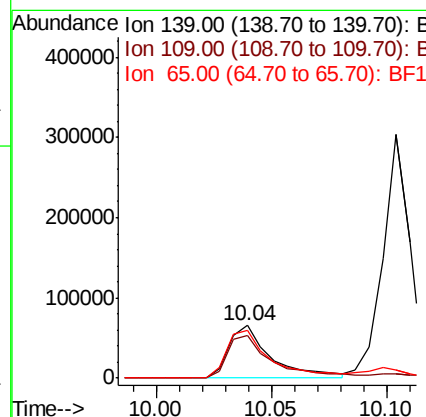
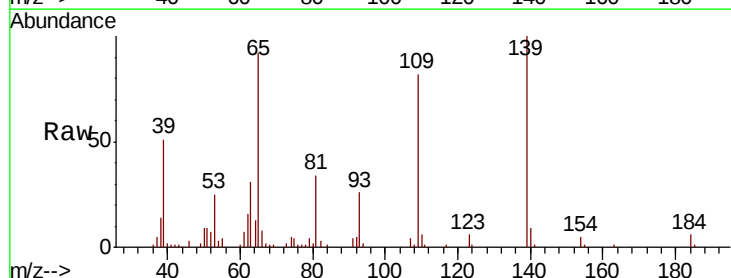
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

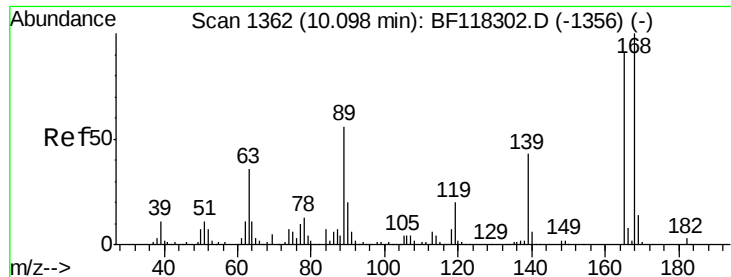
Tot Ion:168 Resp: 571686
Ion Ratio Lower Upper
168 100
139 43.0 31.5 47.3
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 44.293 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:139 Resp: 83540
Ion Ratio Lower Upper
139 100
109 82.1 59.3 99.3
65 91.6 72.4 112.4





#57

2,4-Dinitrotoluene

Concen: 41.845 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 145545

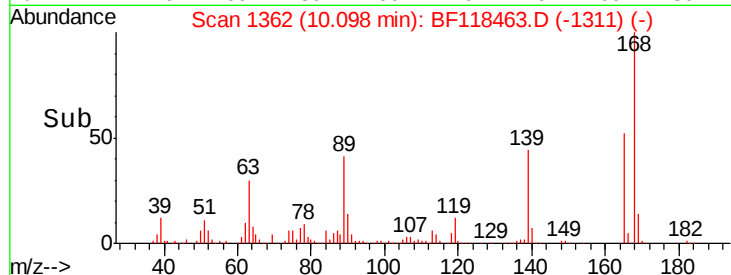
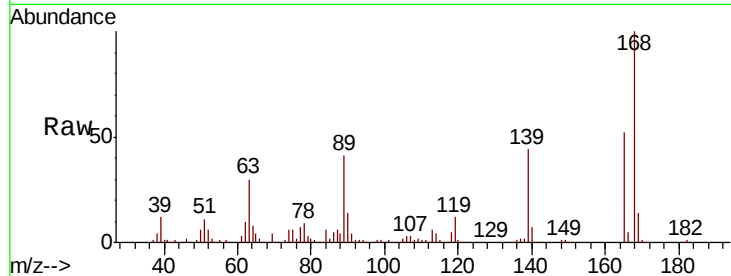
Ion Ratio Lower Upper

165 100

63 56.5 32.0 48.0#

89 78.7 49.3 73.9#

182 2.7 2.4 3.6

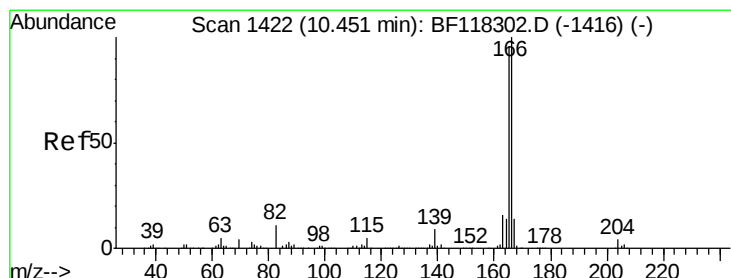
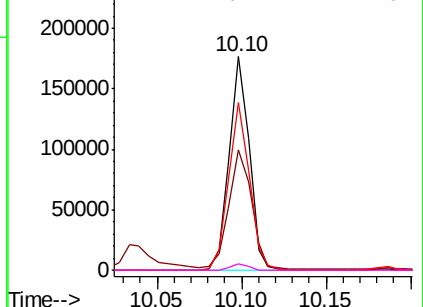


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.118 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

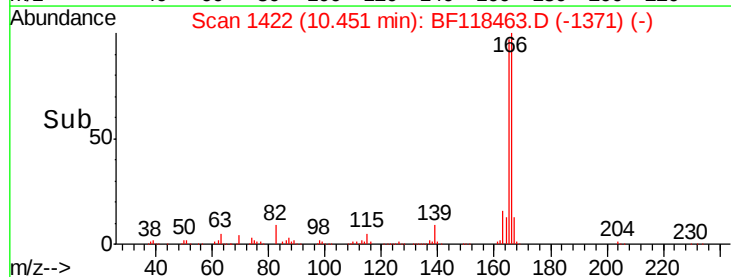
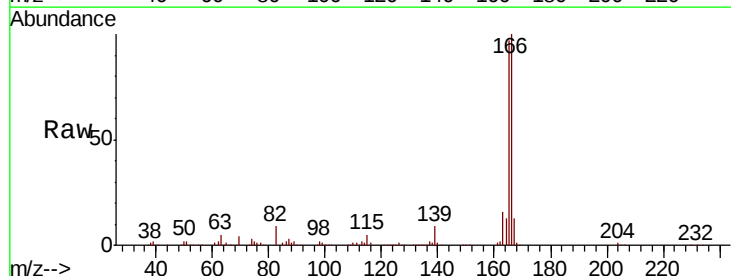
Tgt Ion:166 Resp: 453656

Ion Ratio Lower Upper

166 100

165 96.9 77.0 115.4

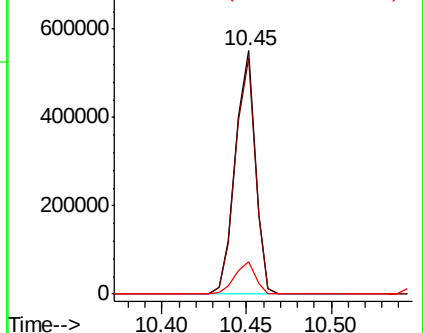
167 13.3 10.9 16.3

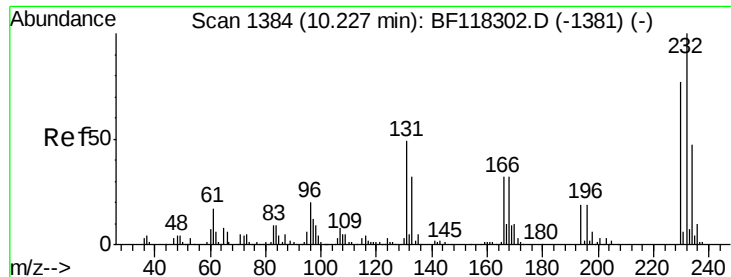


Abundance Ion 166.00 (165.70 to 166.70): E

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: 38.352 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 108229

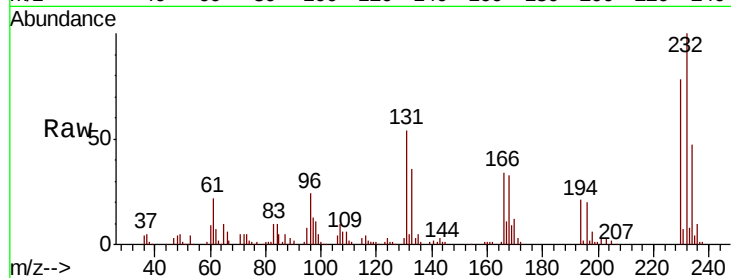
Ion Ratio Lower Upper

232 100

131 49.8 37.7 56.5

130 2.6 2.0 3.0

166 31.6 24.7 37.1

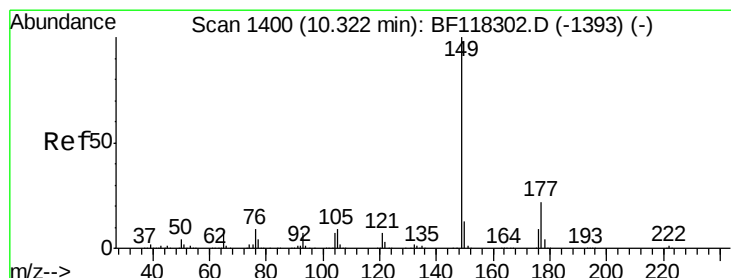
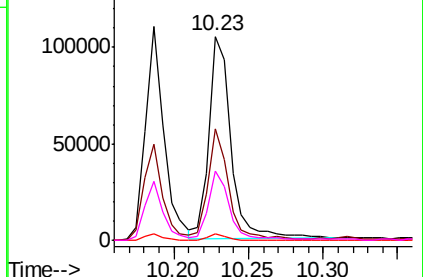
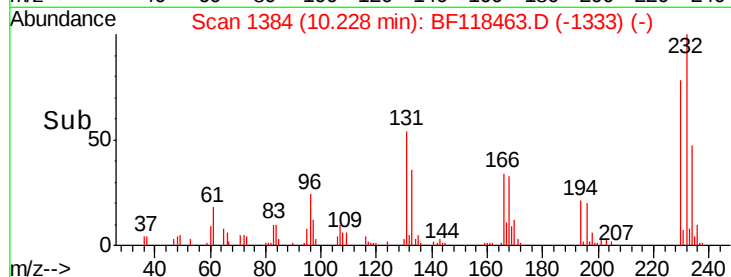


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.546 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

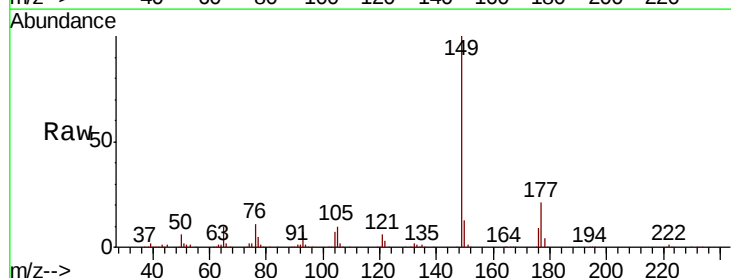
Tgt Ion:149 Resp: 484299

Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

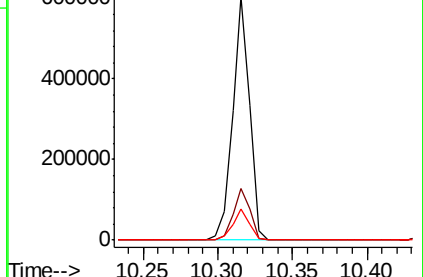
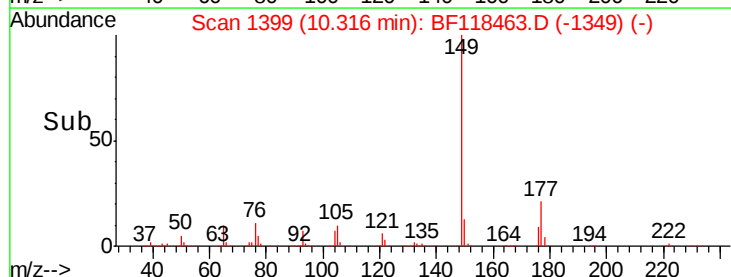
150 12.7 10.2 15.2

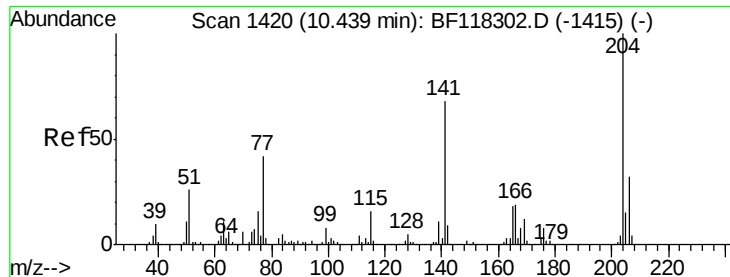


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

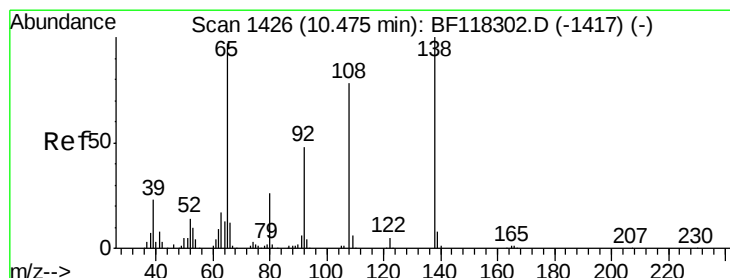
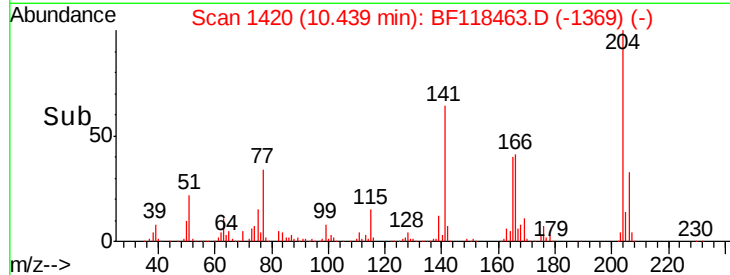
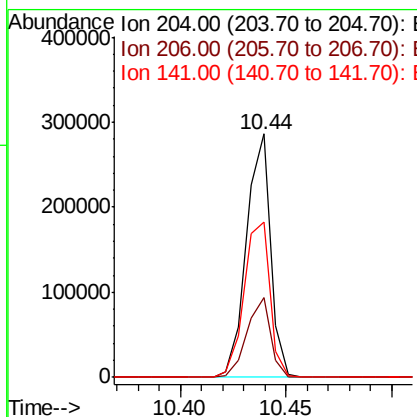
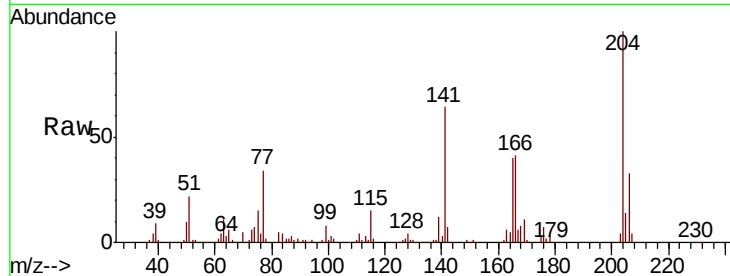




#61
 4-Chlorophenyl-phenylether
 Concen: 41.313 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

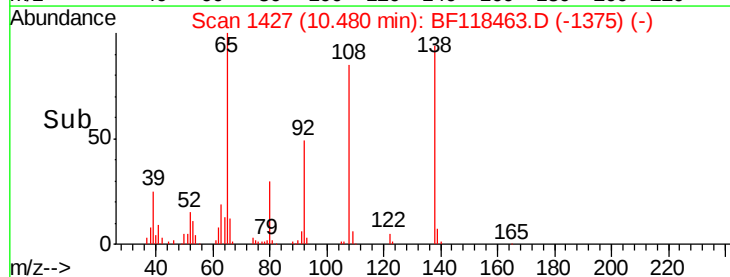
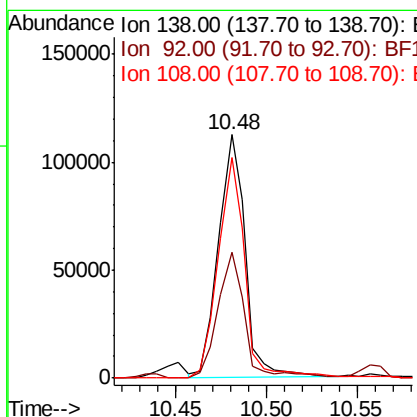
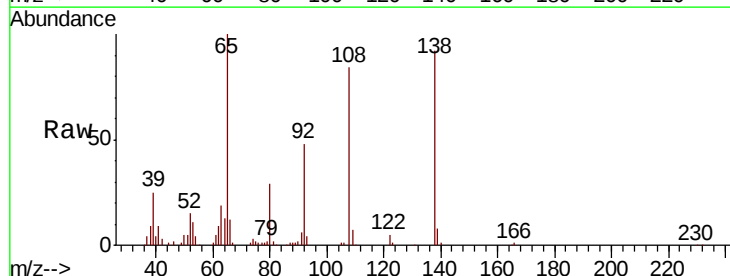
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

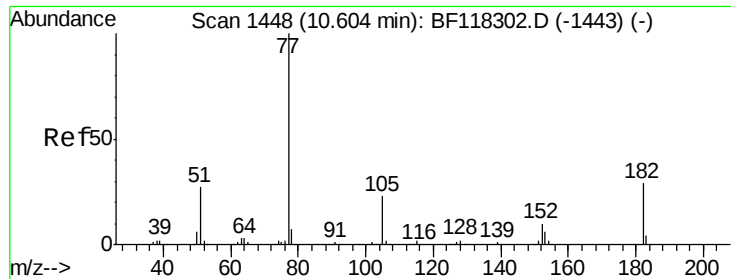
Tot Ion:	204	Resp:	227541
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	63.8	54.2	81.4



#62
 4-Nitroaniline
 Concen: 36.044 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion:	138	Resp:	114399
Ion	Ratio	Lower	Upper
138	100		
92	51.9	27.9	67.9
108	90.7	58.1	98.1

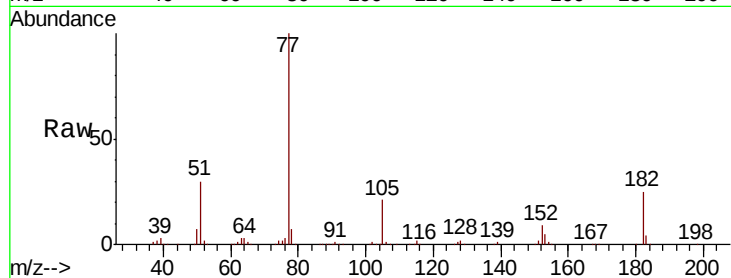




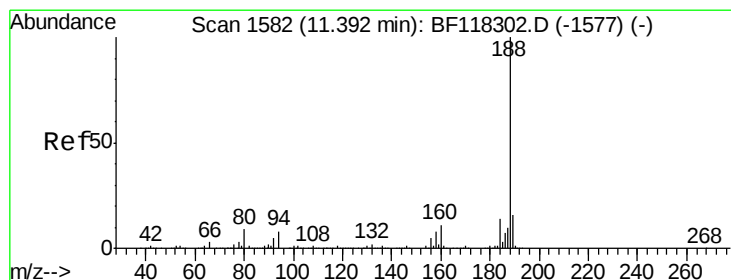
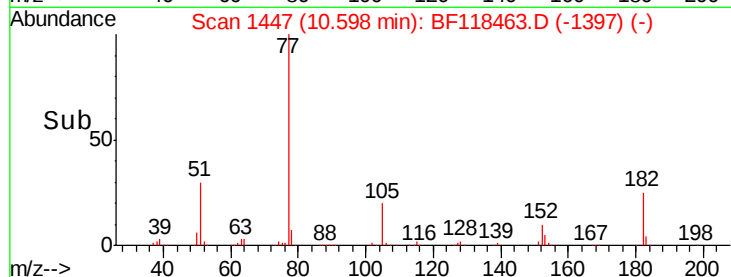
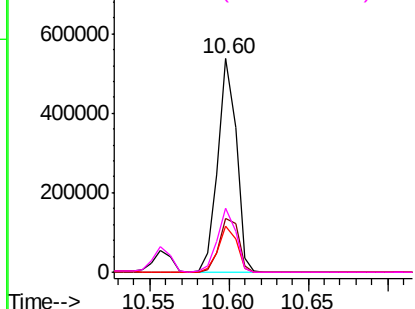
#63
Azobenzene
Concen: 42.785 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 437741
Ion Ratio Lower Upper
77 100
182 25.1 9.2 49.2
105 21.5 3.2 43.2
51 30.1 7.1 47.1

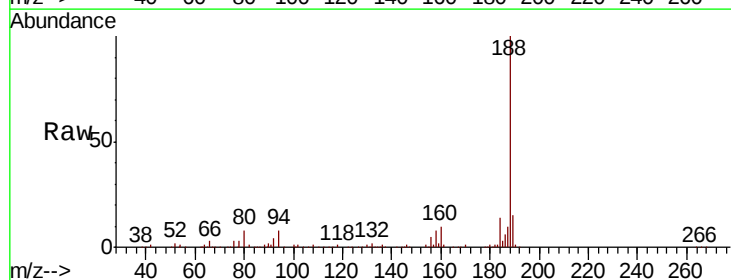


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

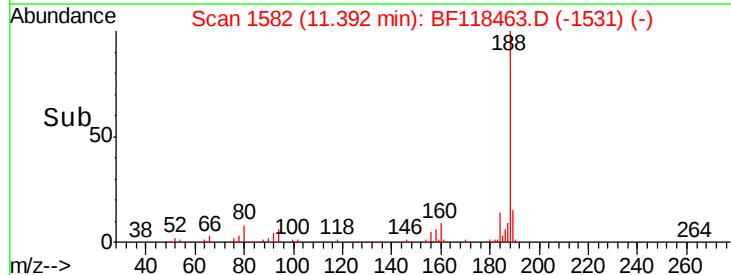
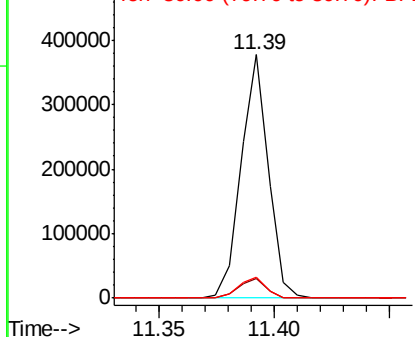


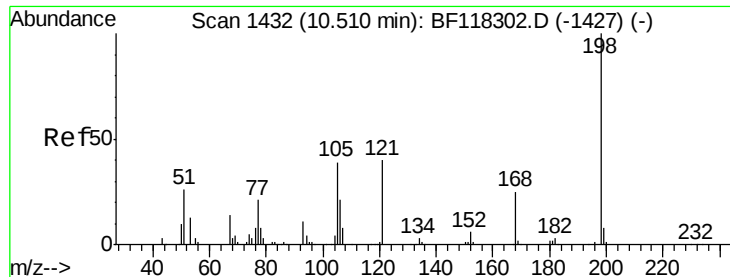
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion: 188 Resp: 311256
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.4 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

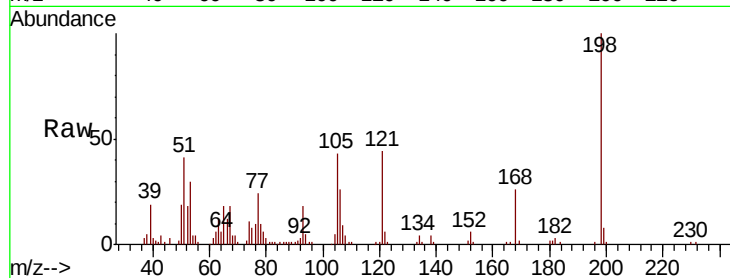




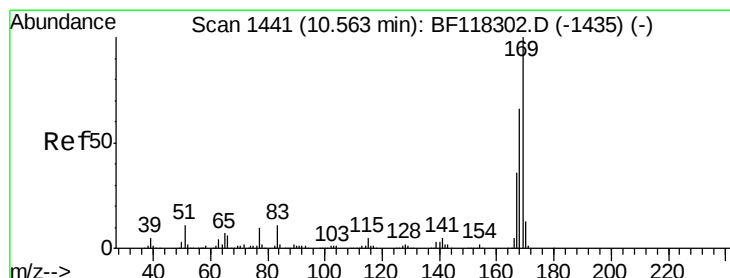
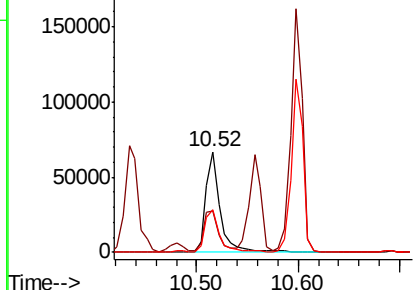
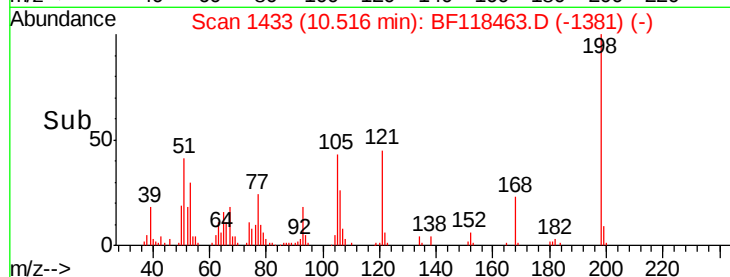
#65
4,6-Dinitro-2-methylphenol
Concen: 39.192 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:198 Resp: 65807
Ion Ratio Lower Upper
198 100
51 40.7 12.8 52.8
105 42.5 20.3 60.3

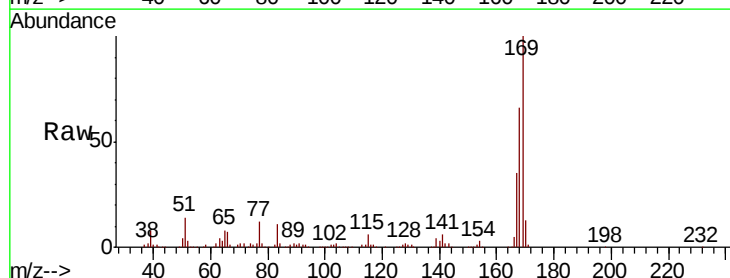


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

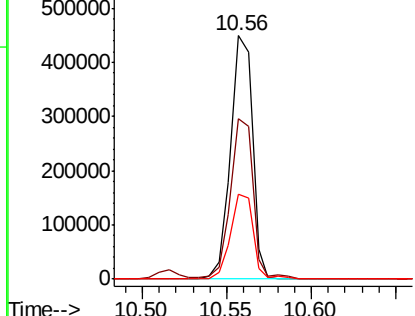
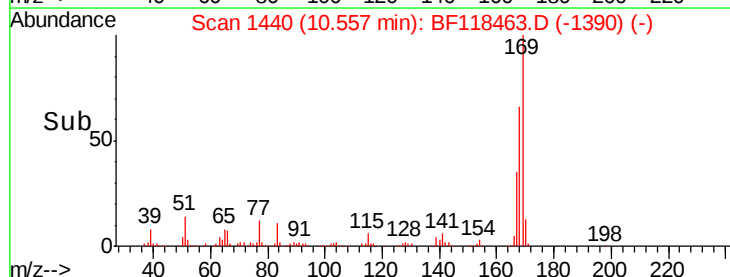


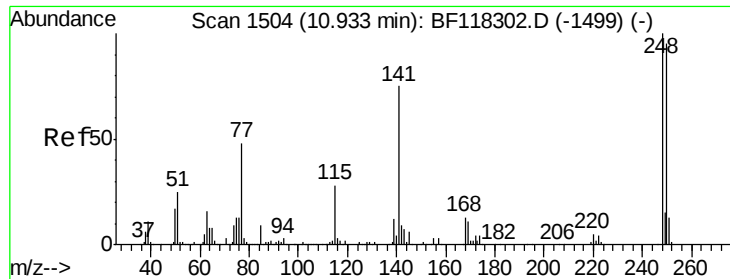
#66
n-Nitrosodiphenylamine
Concen: 40.604 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:169 Resp: 405057
Ion Ratio Lower Upper
169 100
168 66.1 52.6 79.0
167 35.0 28.4 42.6



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

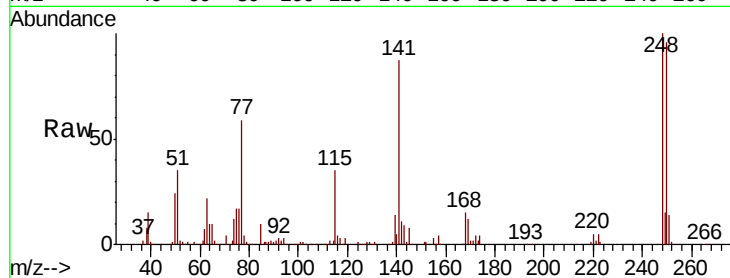




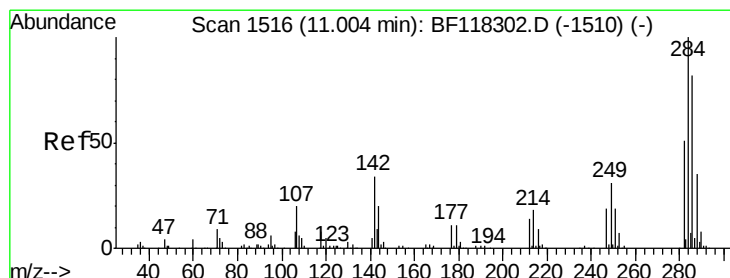
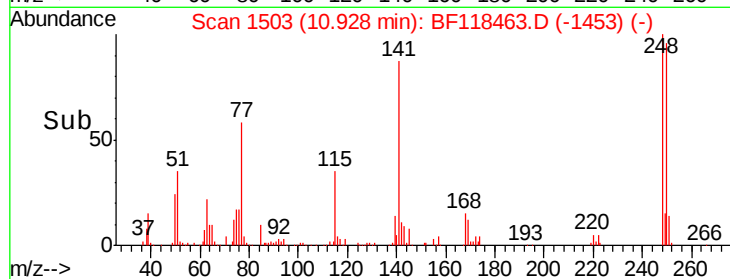
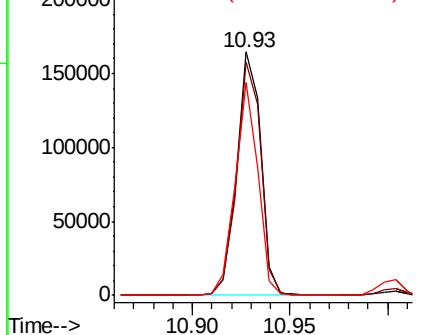
#67
 4-Bromophenyl-phenylether
 Concen: 38.523 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 140323
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.4 114.6
 141 87.4 60.2 90.2

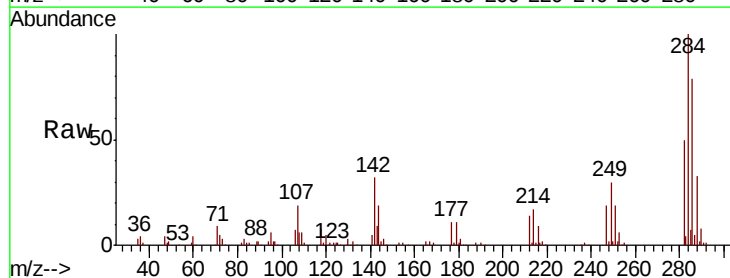


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

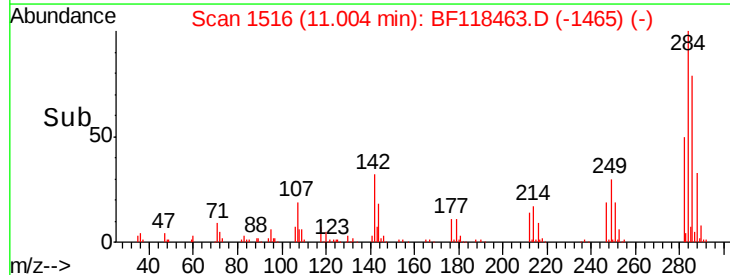
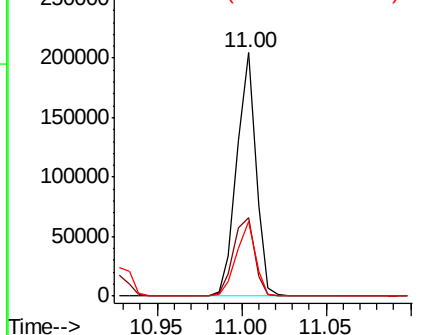


#68
 Hexachlorobenzene
 Concen: 37.794 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion:284 Resp: 162049
 Ion Ratio Lower Upper
 284 100
 142 32.5 27.3 40.9
 249 30.5 25.0 37.6



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

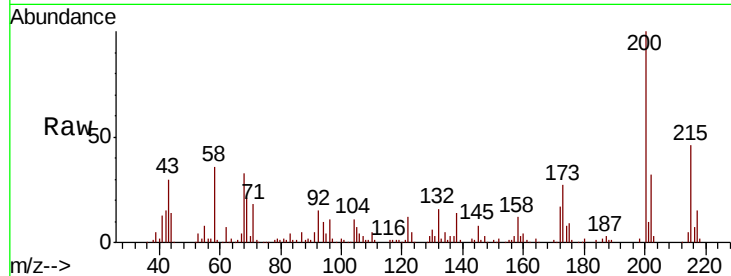




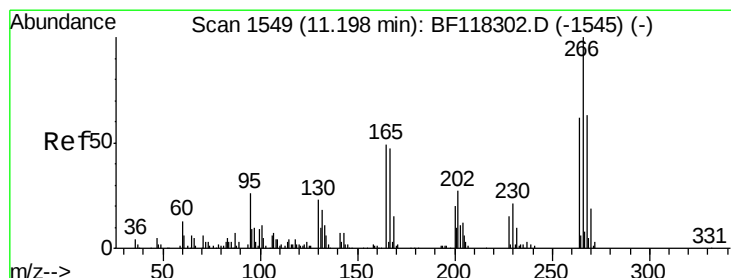
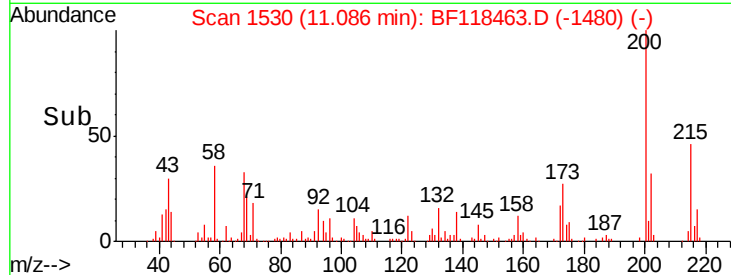
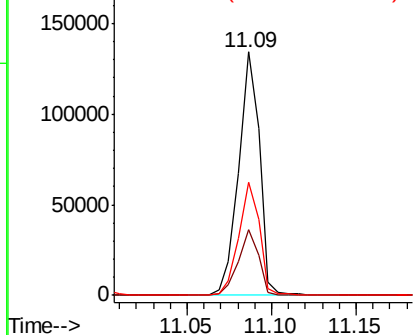
#69
Atrazine
Concen: 37.542 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 115585
Ion Ratio Lower Upper
200 100
173 27.0 5.8 45.8
215 46.4 25.1 65.1

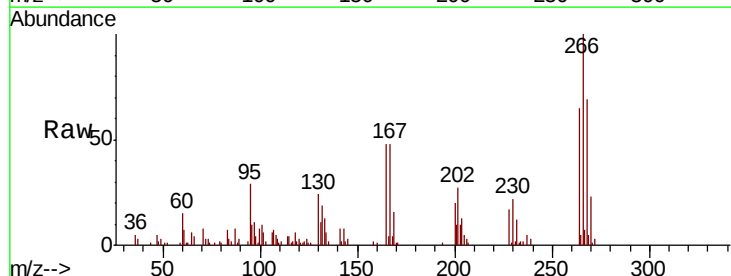


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

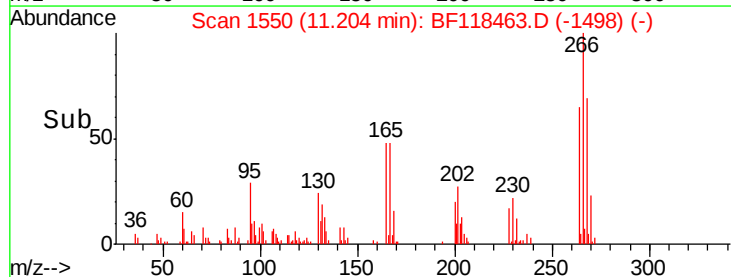
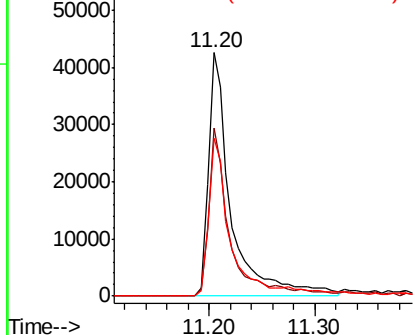


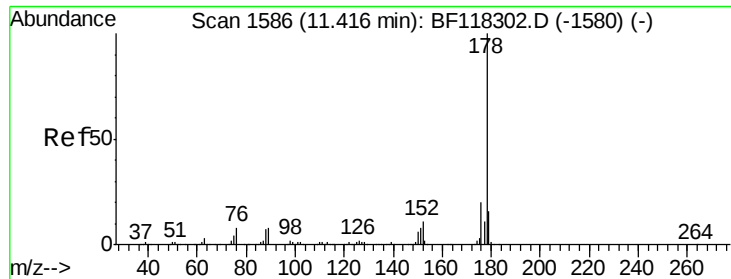
#70
Pentachlorophenol
Concen: 34.418 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:266 Resp: 63910
Ion Ratio Lower Upper
266 100
268 68.9 50.6 76.0
264 64.7 49.9 74.9



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

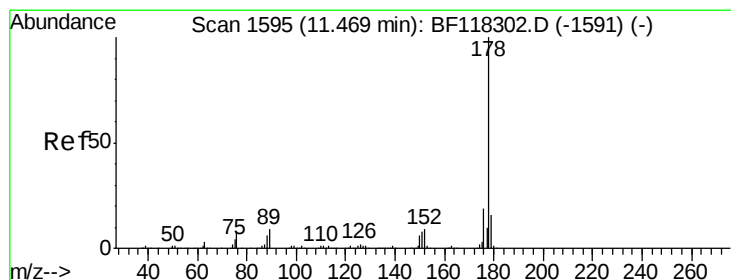
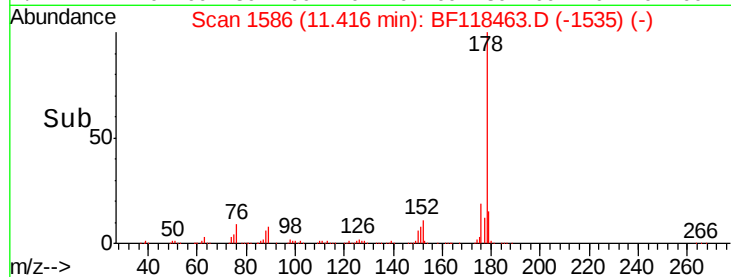
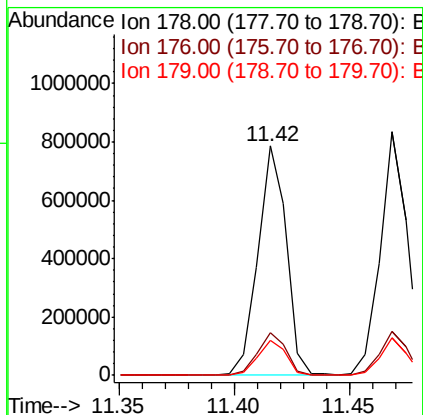
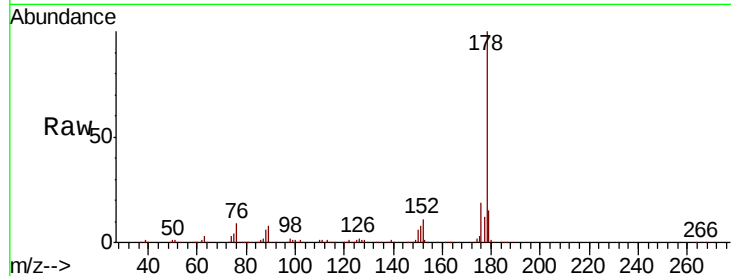




#71
Phenanthrene
Concen: 39.805 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

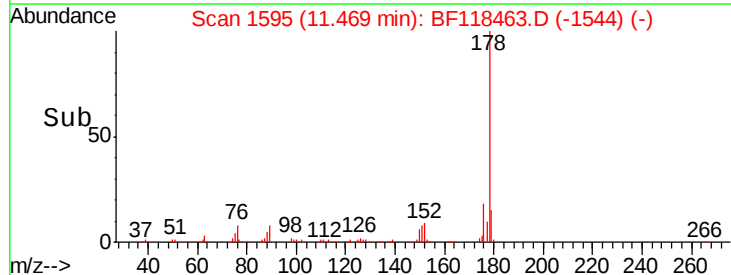
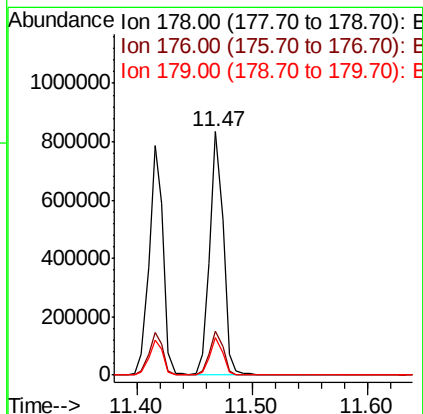
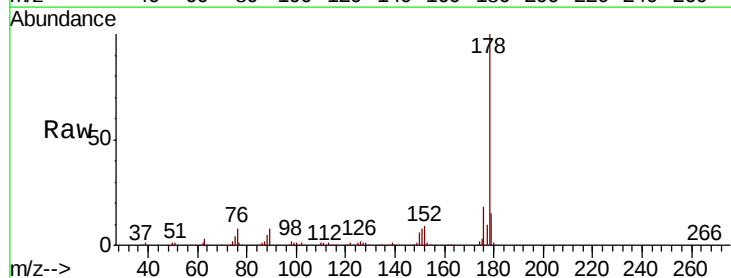
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

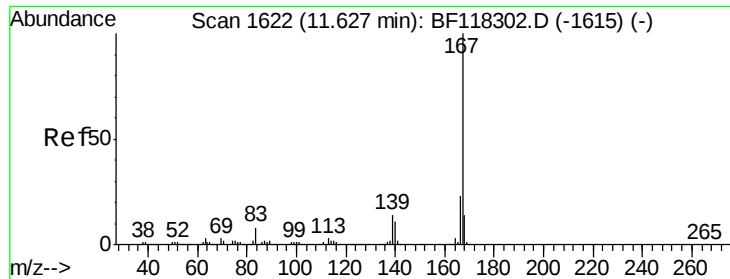
Tot Ion:178 Resp: 675416
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.5 12.6 19.0



#72
Anthracene
Concen: 40.169 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:178 Resp: 682238
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 15.4 12.9 19.3

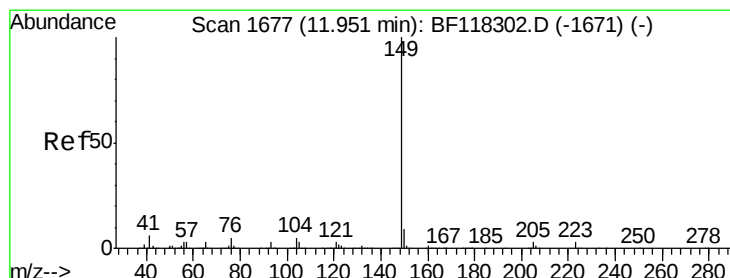
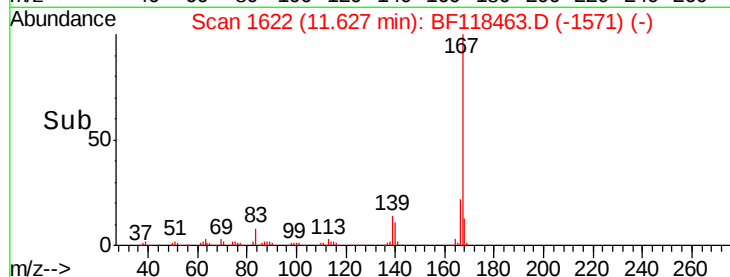
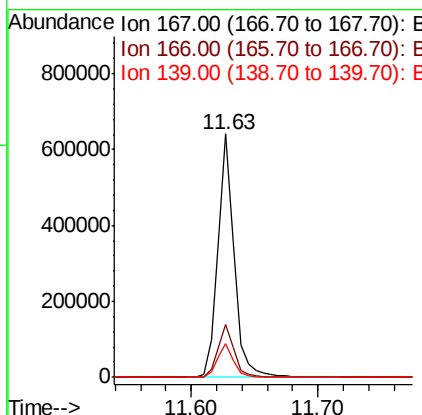
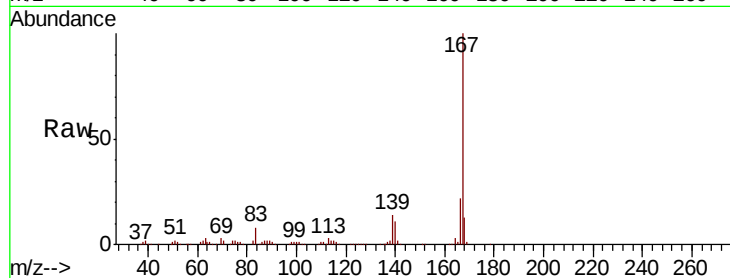




#73
 Carbazole
 Concen: 39.043 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

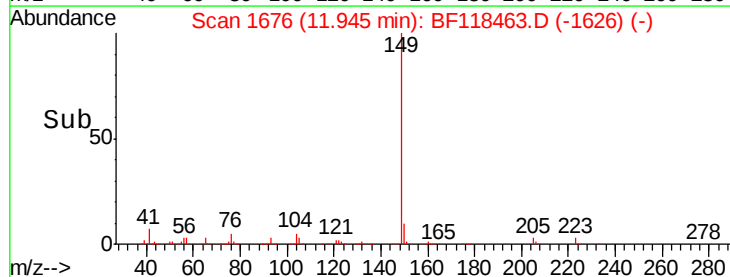
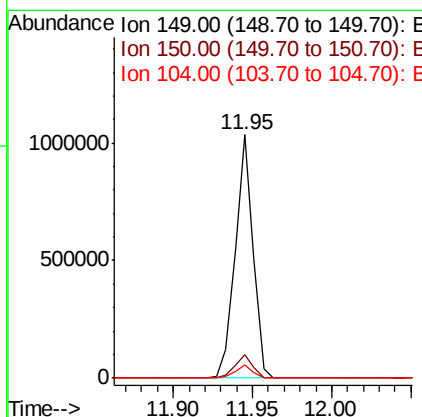
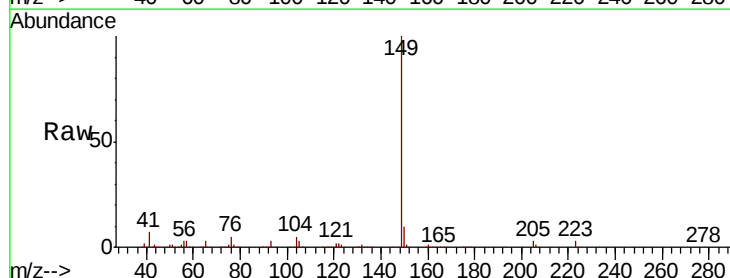
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

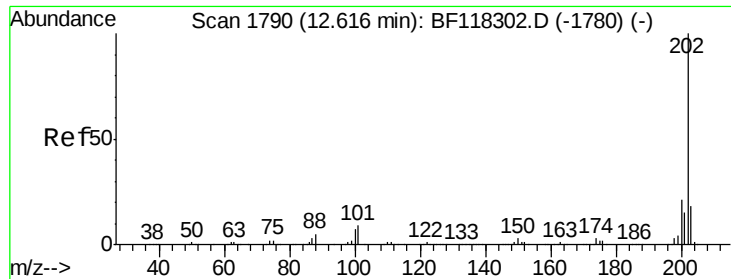
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	14.0	11.5	17.3



#74
 Di-n-butylphthalate
 Concen: 42.070 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.3	4.0	6.0

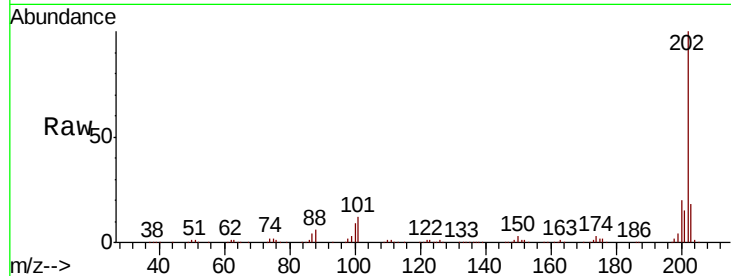




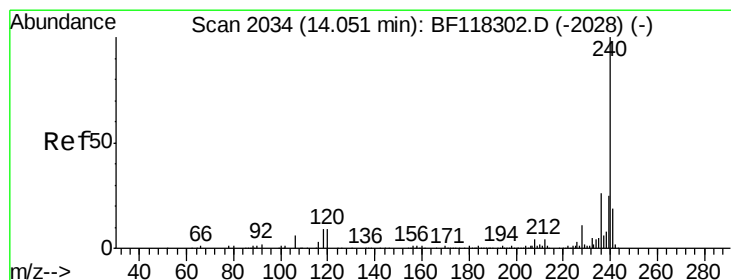
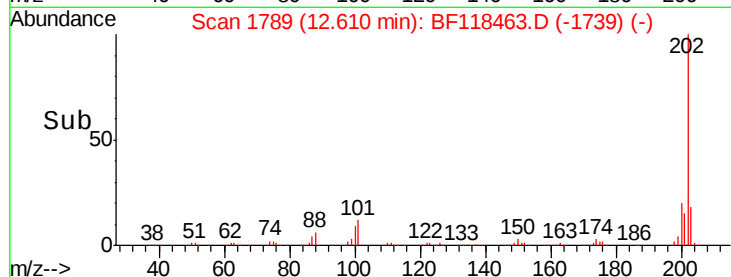
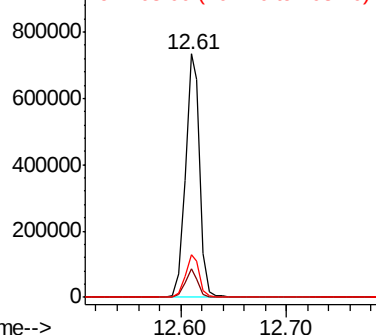
#75
 Fluoranthene
 Concen: 41.002 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	29.5
203	17.7	0.0	37.6

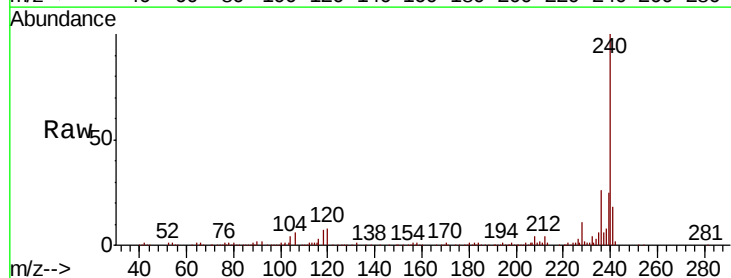


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

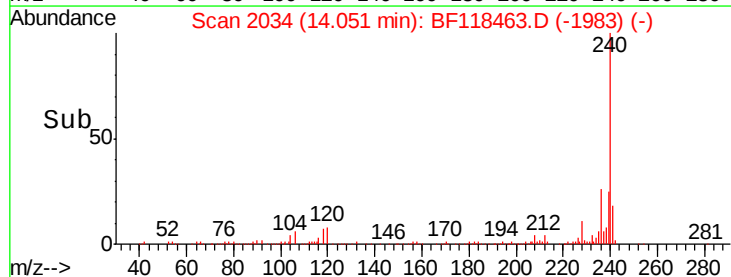
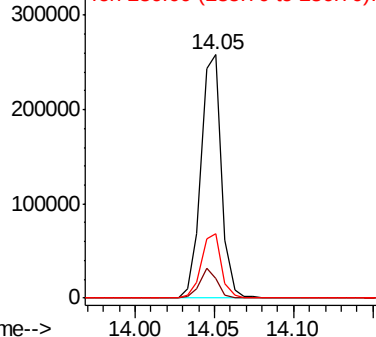


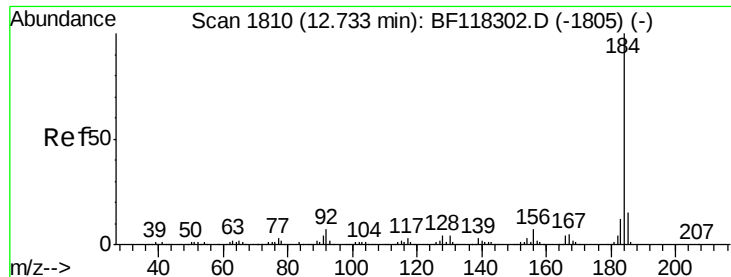
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.1	10.7
236	26.3	21.0	31.6



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: 39.814 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

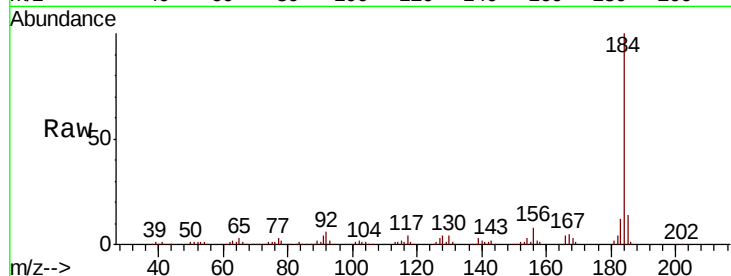
Tot Ion:184 Resp: 252458

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

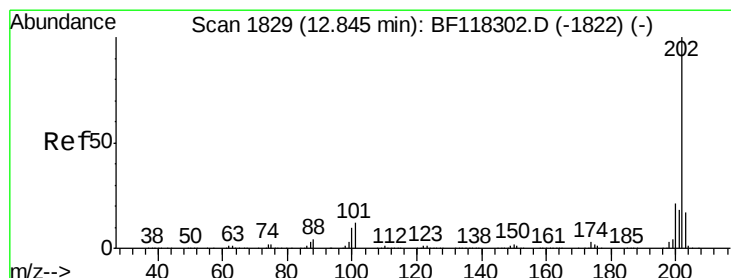
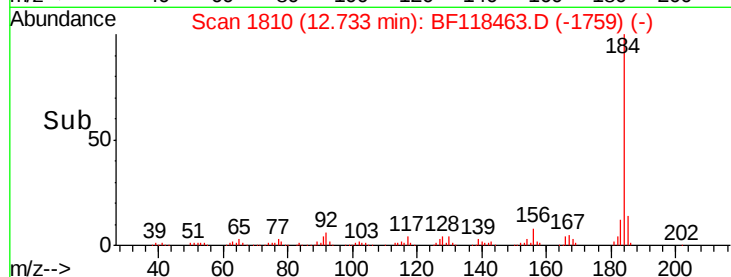
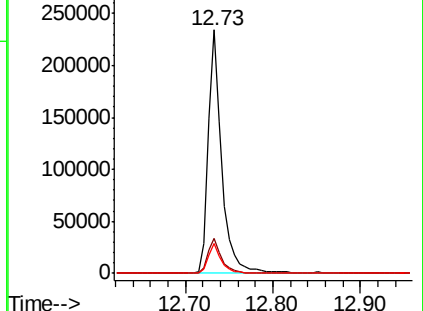
183 12.2 9.4 14.2



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: 36.626 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

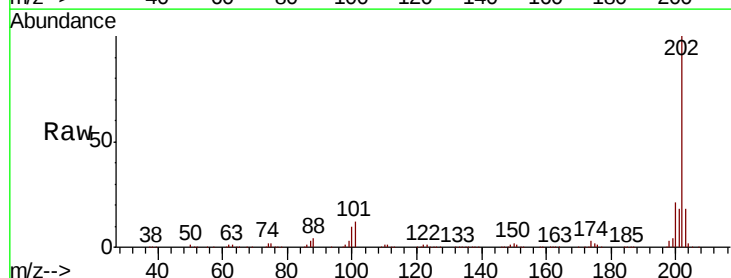
Tgt Ion:202 Resp: 692139

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

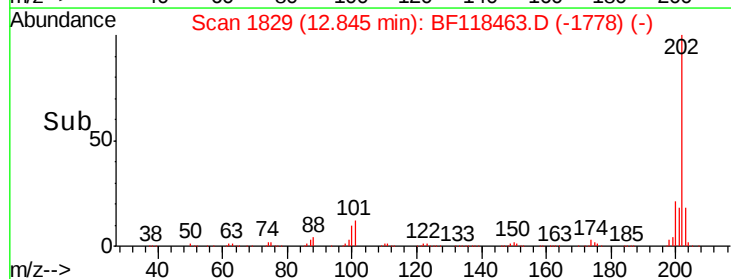
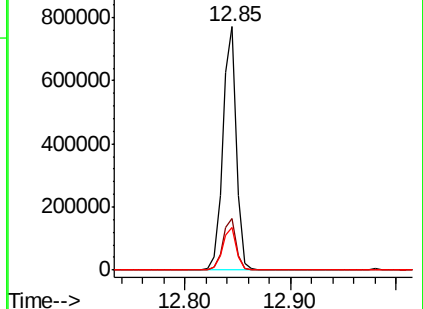
203 17.8 13.9 20.9

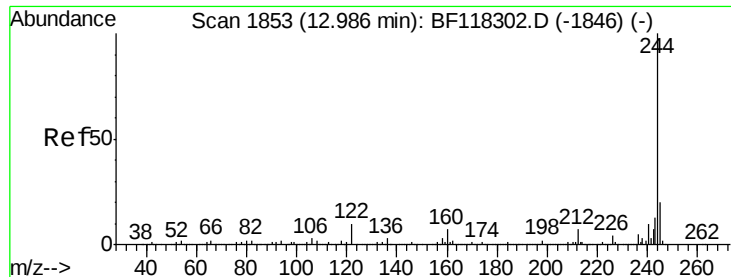


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

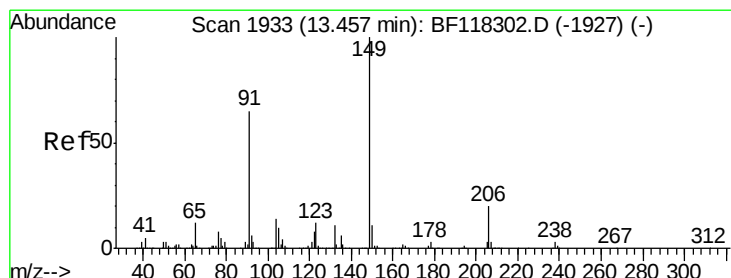
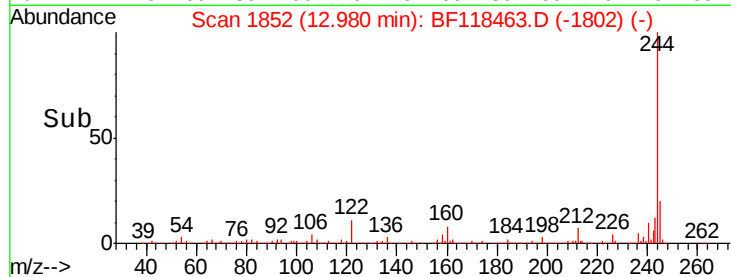
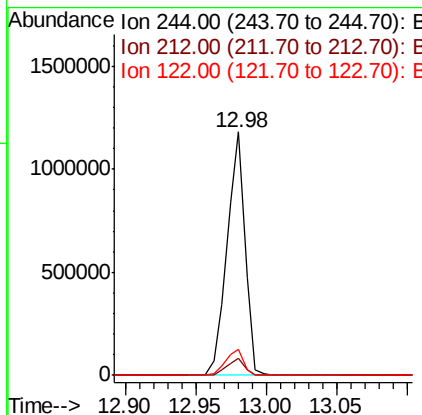
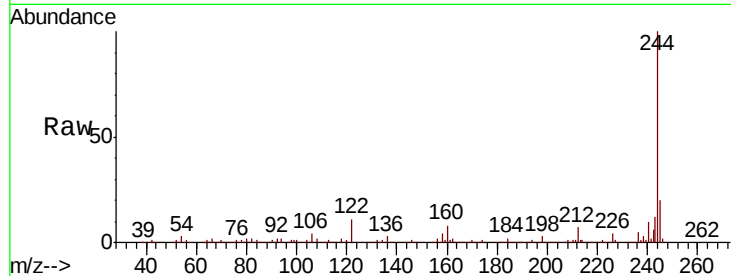




#79
 Terphenyl-d14
 Concen: 74.849 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

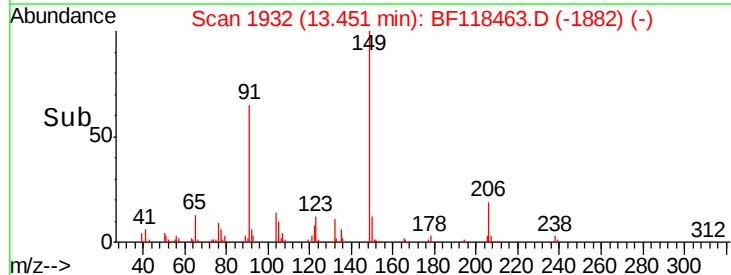
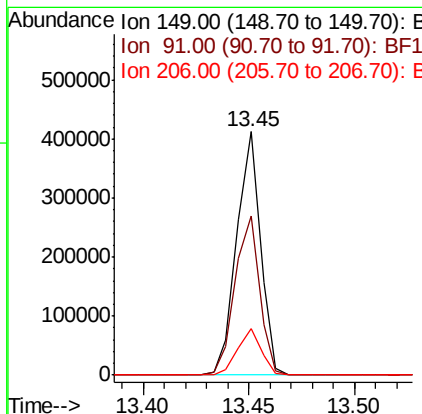
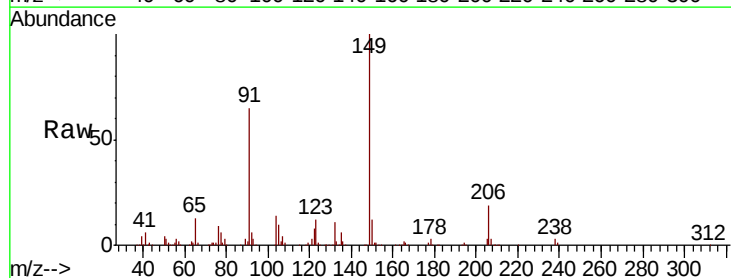
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

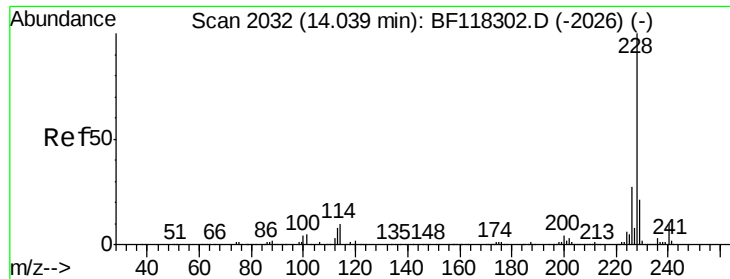
Tot Ion:244 Resp: 1044051
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.7 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 37.776 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion:149 Resp: 321424
 Ion Ratio Lower Upper
 149 100
 91 65.4 51.8 77.6
 206 18.9 15.7 23.5

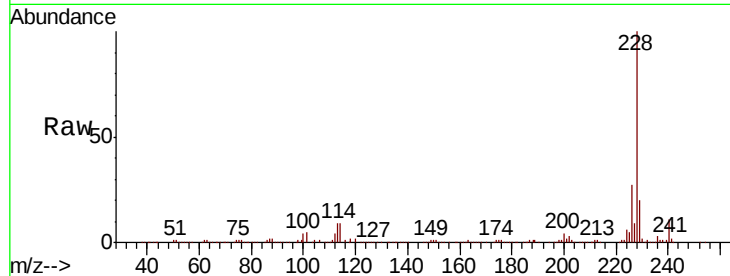




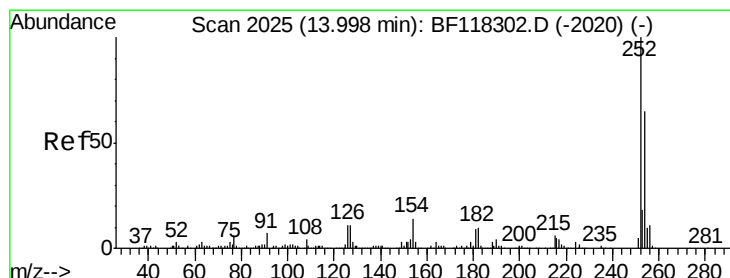
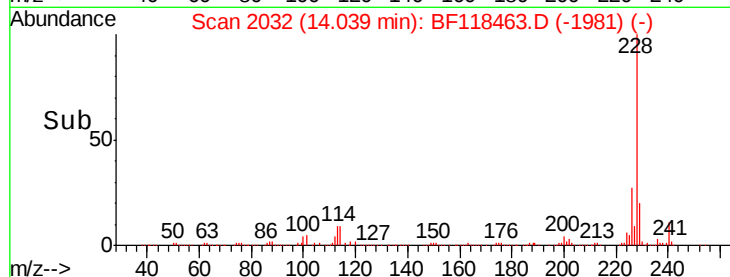
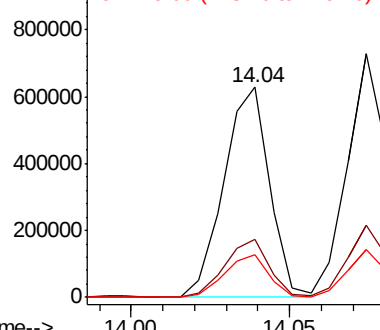
#81
Benzo(a)anthracene
Concen: 38.868 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 629591
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.3 16.6 24.8

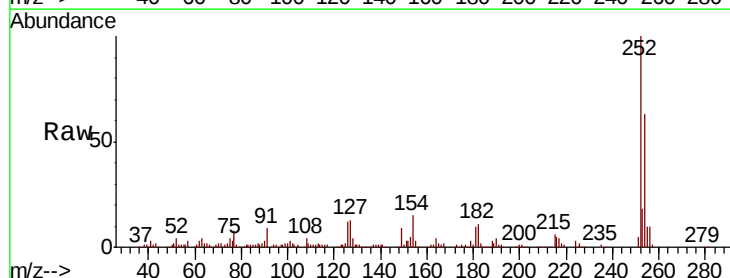


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

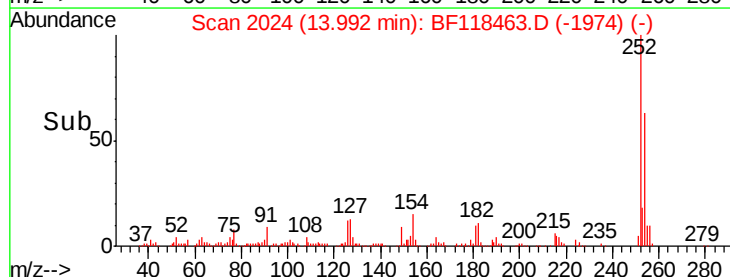
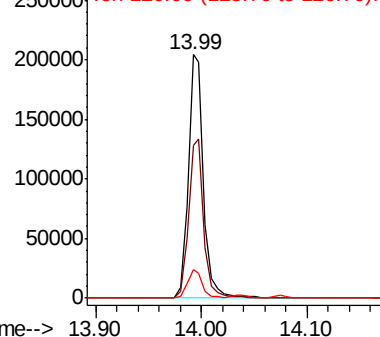


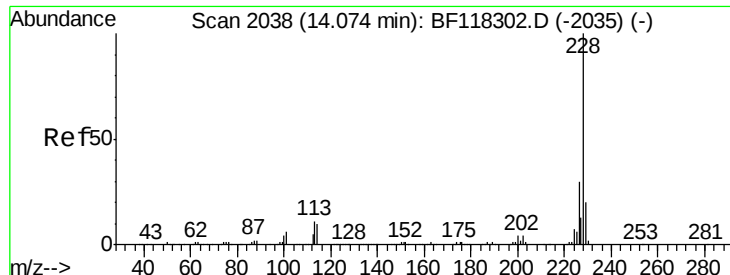
#82
3,3'-Dichlorobenzidine
Concen: 37.759 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:252 Resp: 207378
Ion Ratio Lower Upper
252 100
254 63.0 51.8 77.8
126 11.8 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

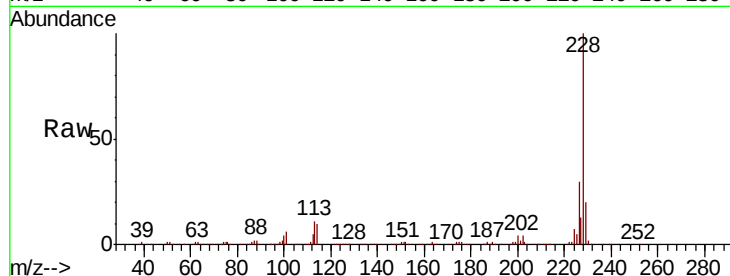




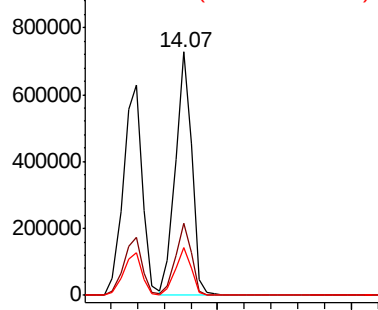
#83
Chrysene
Concen: 40.017 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

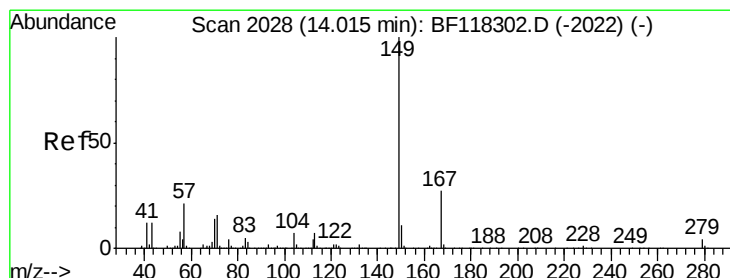
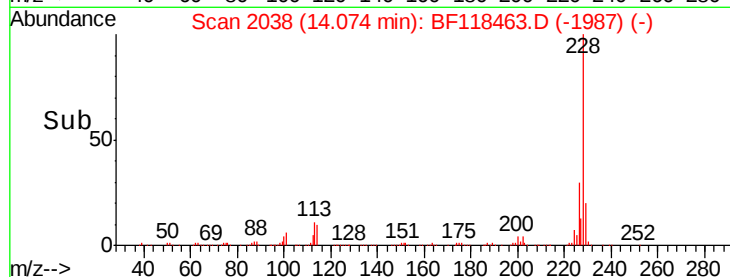
Tot Ion:228 Resp: 620677
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.8 16.1 24.1



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

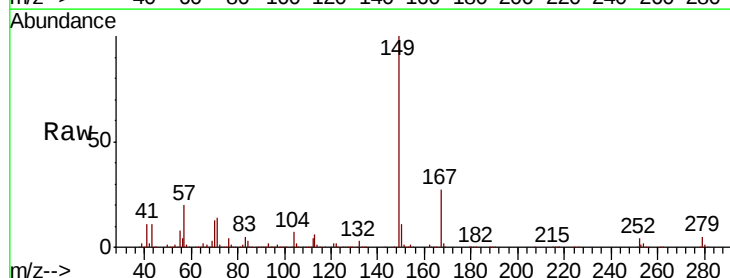


Time-->

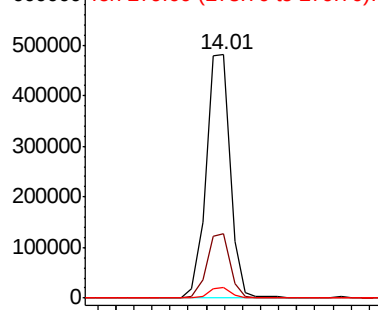


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.886 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

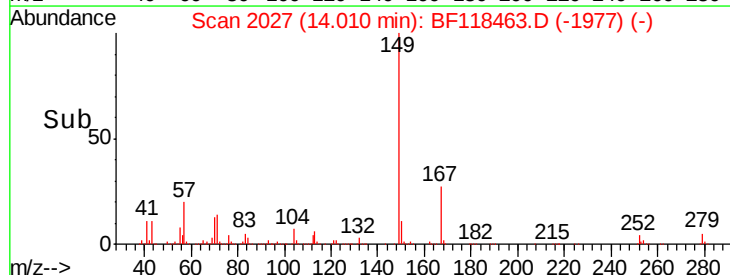
Tgt Ion:149 Resp: 446259
Ion Ratio Lower Upper
149 100
167 26.6 21.3 31.9
279 4.6 3.4 5.2



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



Time-->

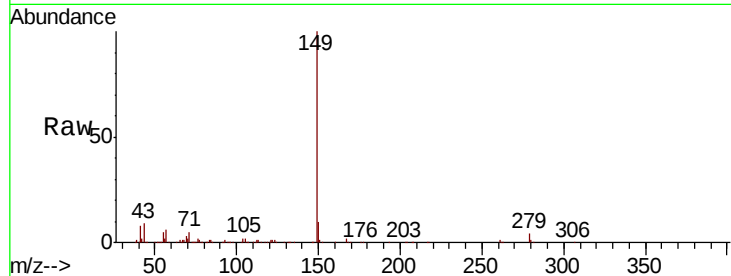




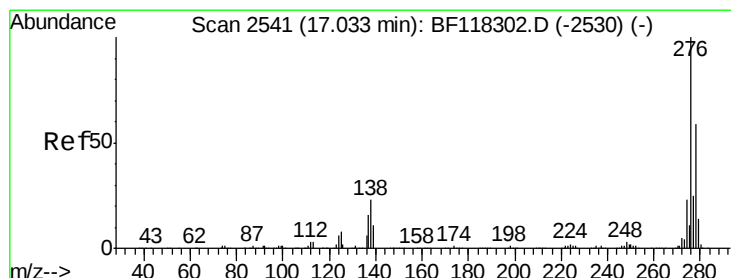
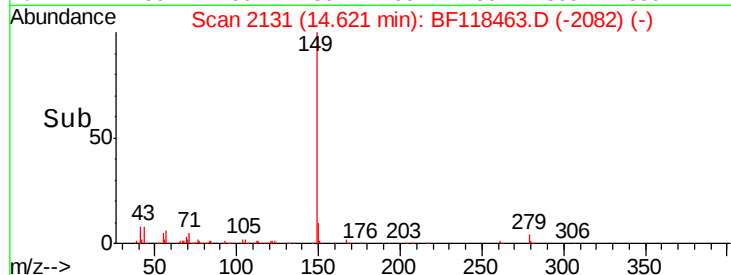
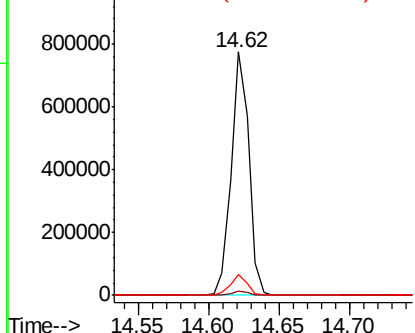
#85
Di-n-octyl phthalate
Concen: 40.930 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 673625
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.2 6.1 9.1

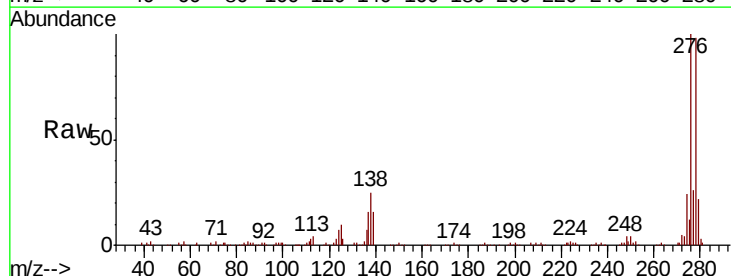


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

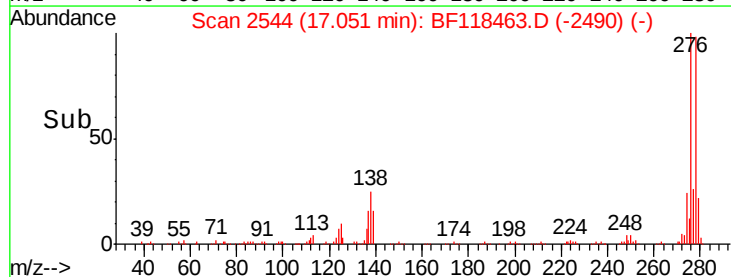
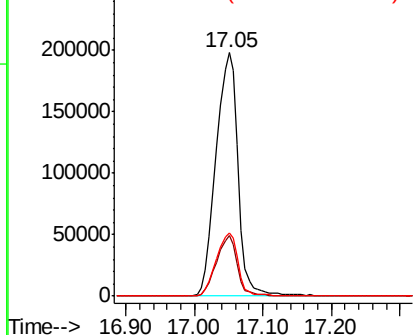


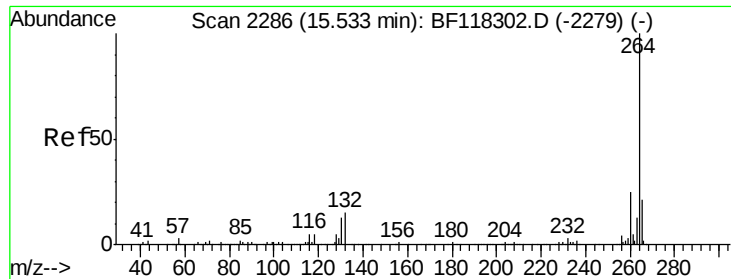
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.517 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:276 Resp: 442950
Ion Ratio Lower Upper
276 100
138 23.5 19.5 29.3
277 25.7 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

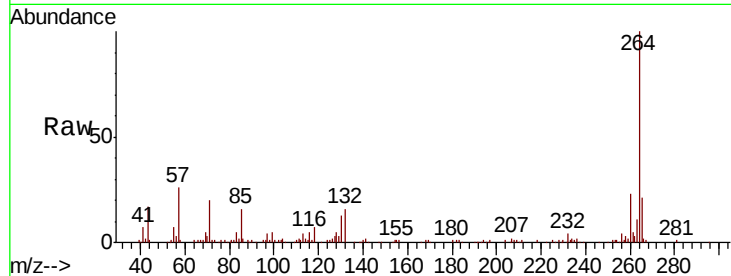
Tot Ion:264 Resp: 179109

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

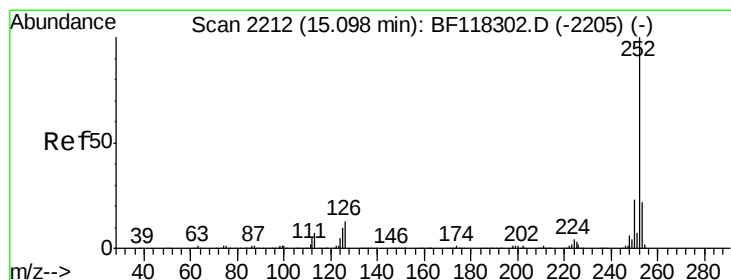
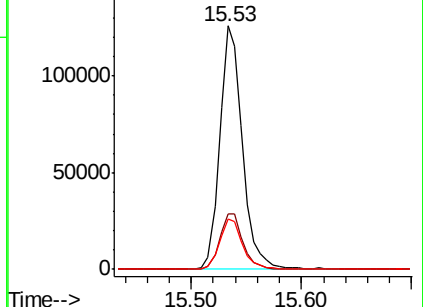
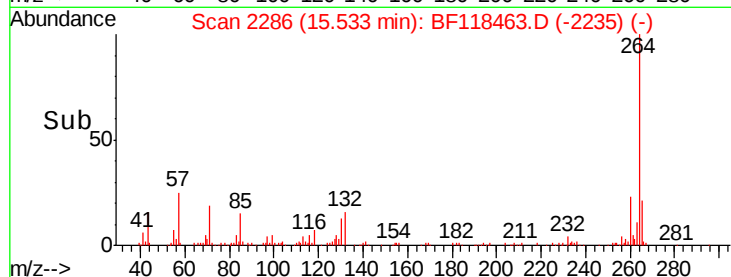
265 20.9 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.304 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

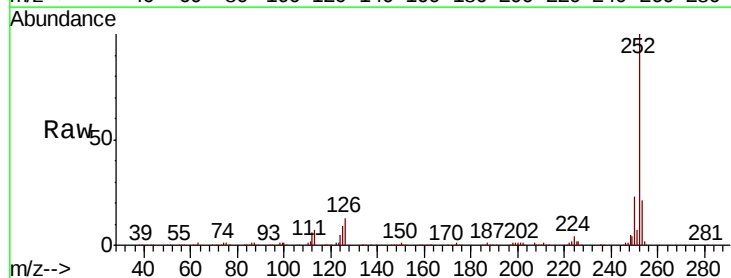
Tgt Ion:252 Resp: 491075

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

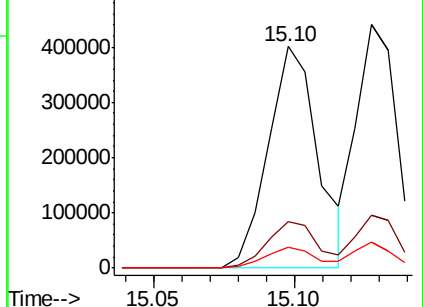
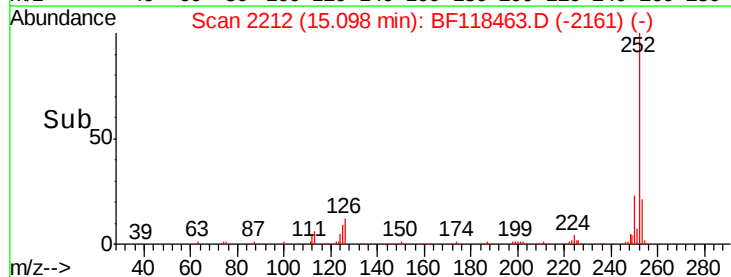
125 9.4 7.7 11.5

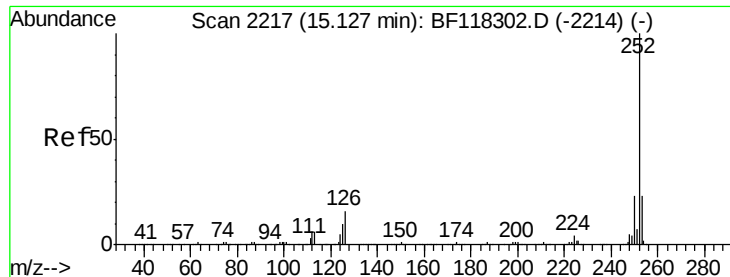


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

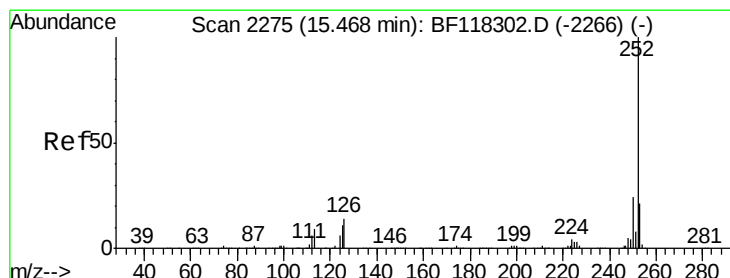
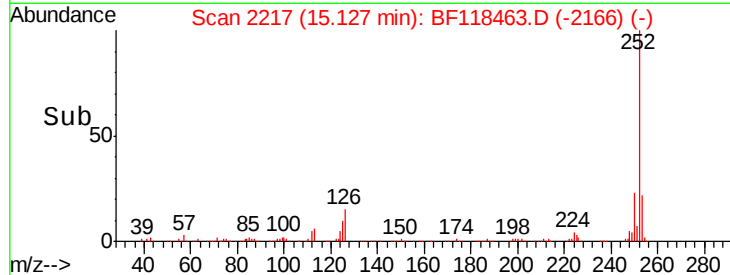
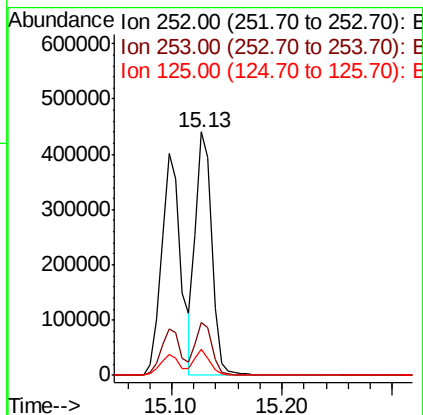
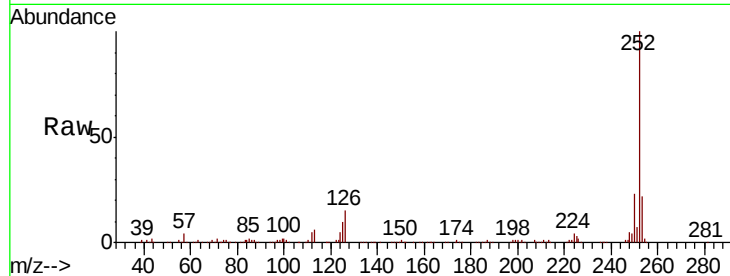




#89
Benzo(k)fluoranthene
Concen: 38.968 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

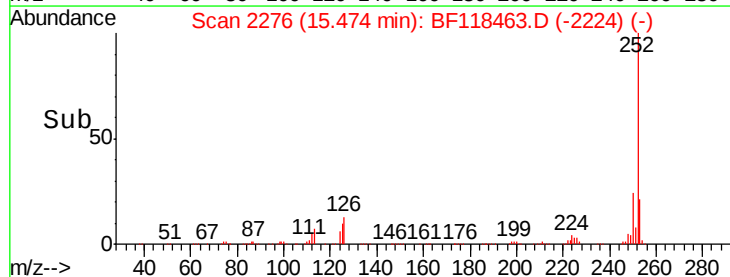
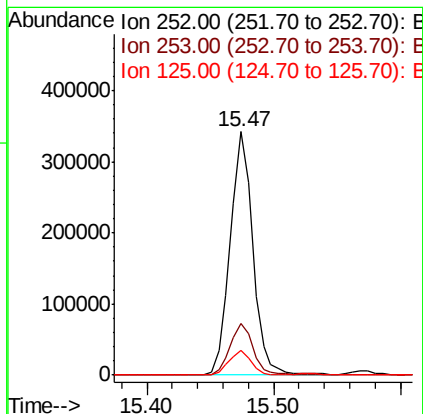
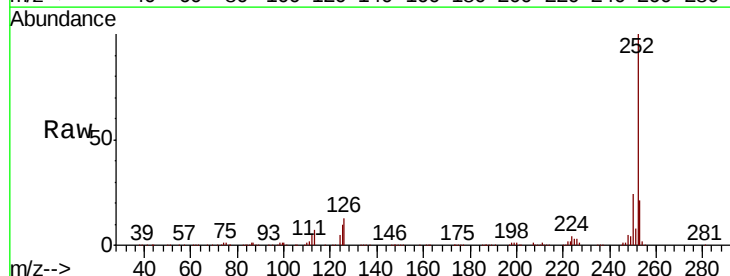
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

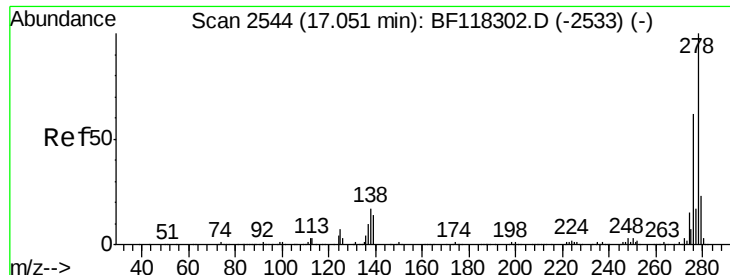
Tot Ion:252 Resp: 444845
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 40.404 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Tgt Ion:252 Resp: 423167
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 10.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 40.557 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

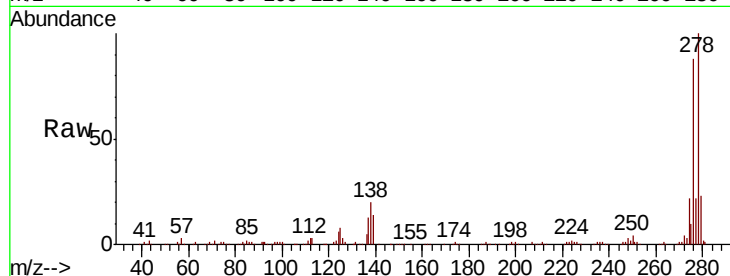
Tot Ion:278 Resp: 368608

Ion Ratio Lower Upper

278 100

139 14.0 11.5 17.3

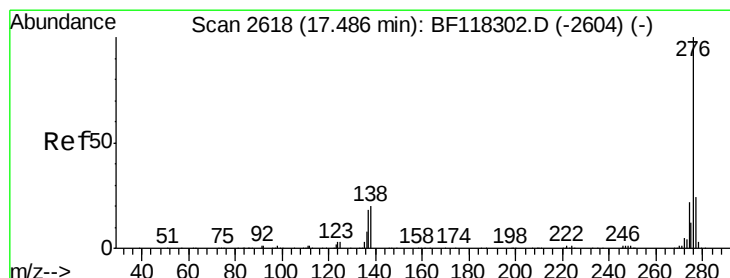
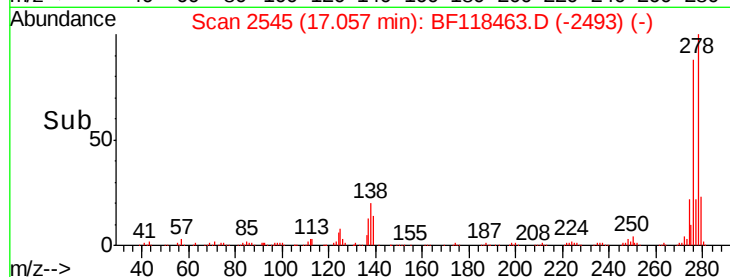
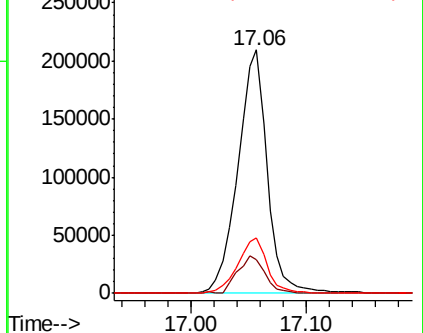
279 22.5 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.876 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.02 min

Lab File: BF118463.D

Acq: 3 Jan 2020 18:01

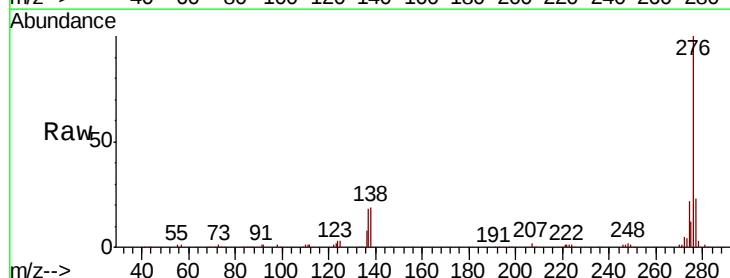
Tgt Ion:276 Resp: 332540

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 19.4 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

