

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

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

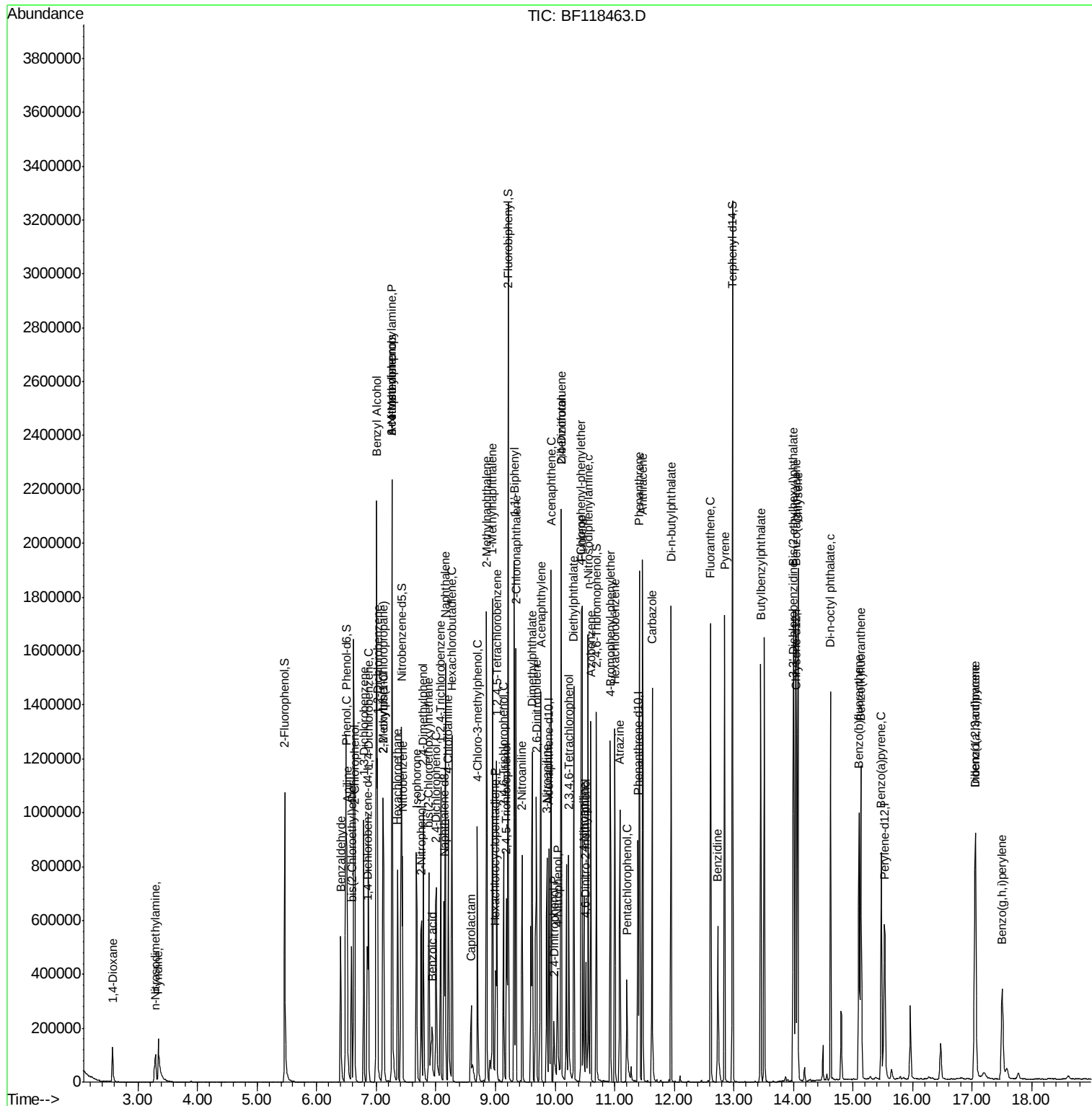
(#) = qualifier out of range (m) = manual integration (+) = signals summed

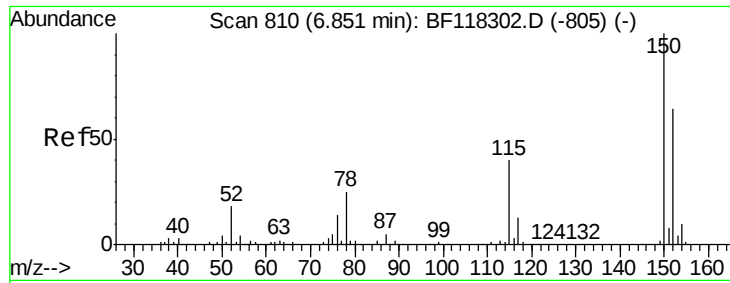
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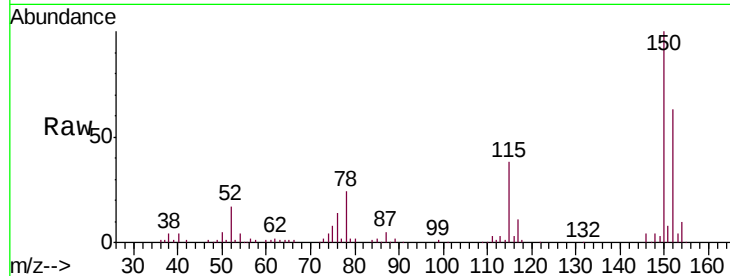


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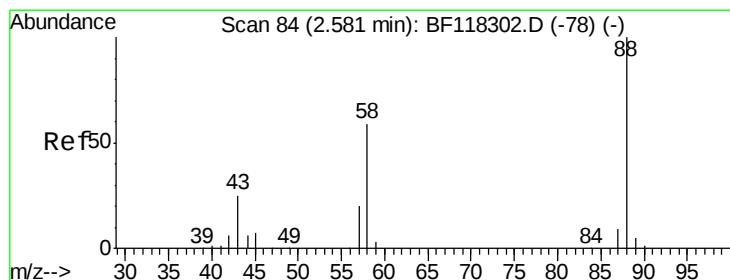
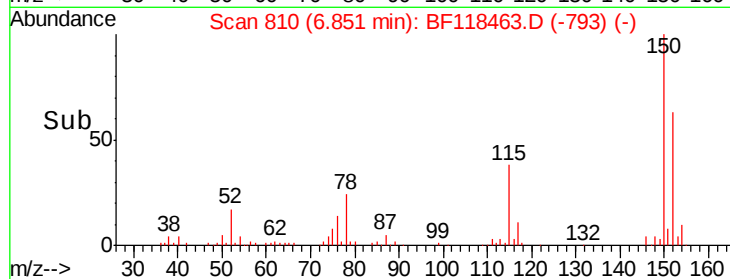
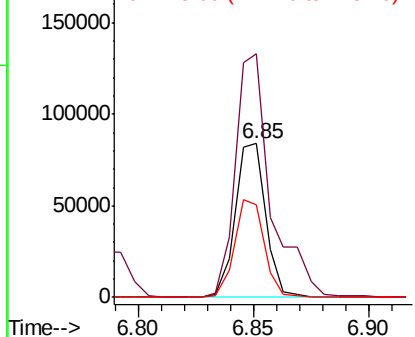
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118463.D
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BNA_F
ClientSampleId :
SSTDCCC040

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



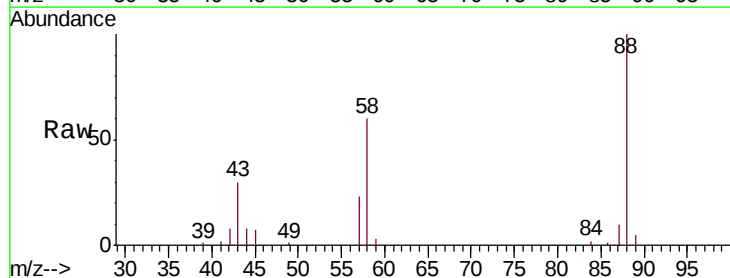
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



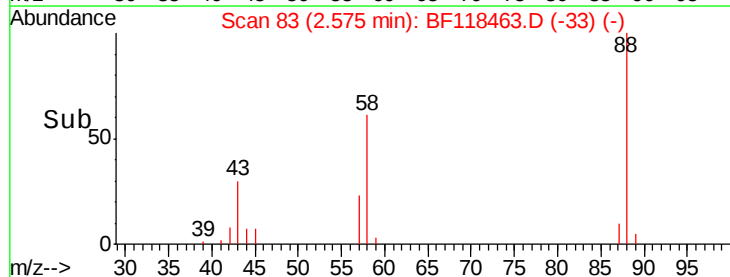
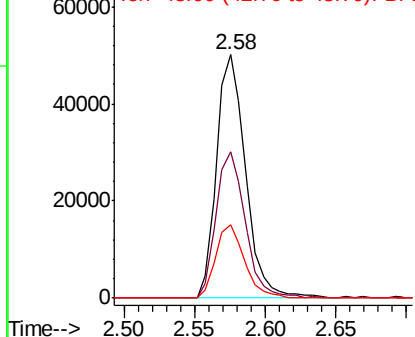
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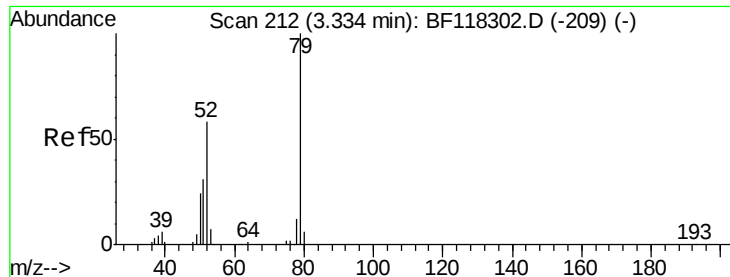
1,4-Dioxane
Concen: 39.736 ng
RT: 2.58 min Scan# 83
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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

Pyridine

Concen: 26.867 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF118463.D

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ClientSampleId :

SSTDCCC040

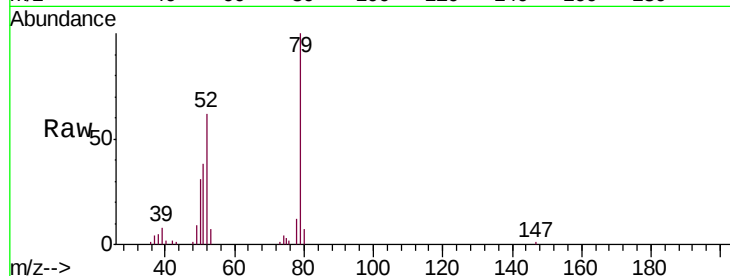
Tgt Ion: 79 Resp: 129321

Ion Ratio Lower Upper

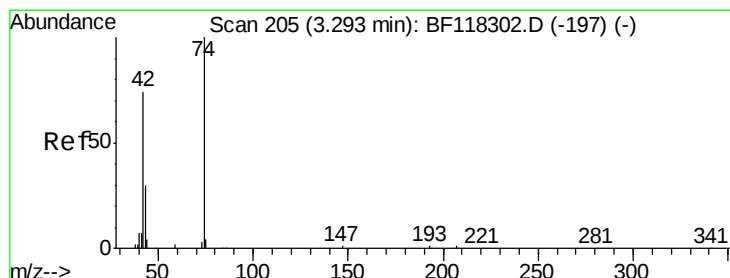
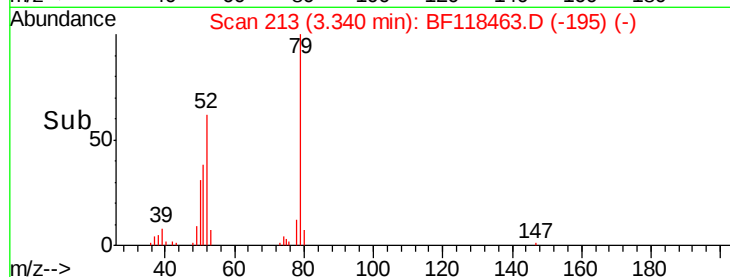
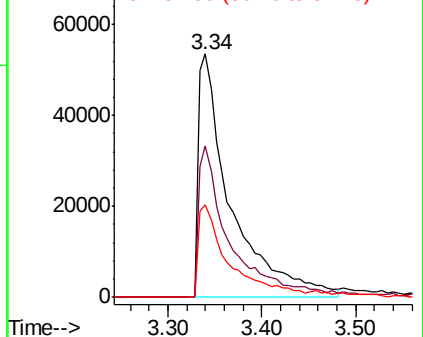
79 100

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

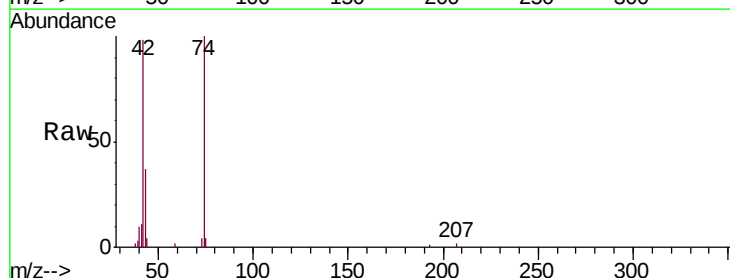
Tgt Ion: 42 Resp: 71684

Ion Ratio Lower Upper

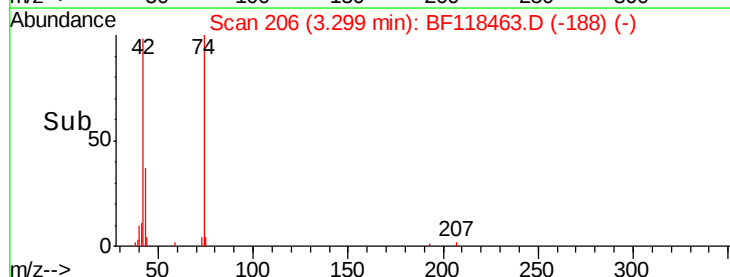
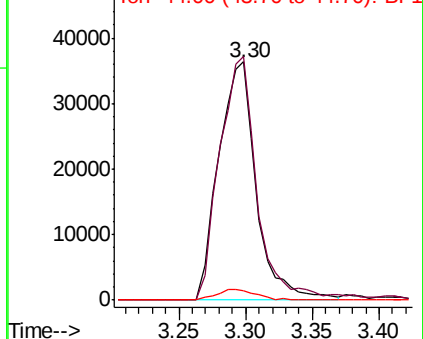
42 100

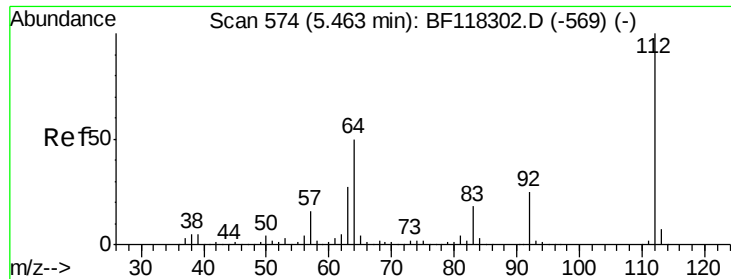
74 102.3 107.7 161.5#

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

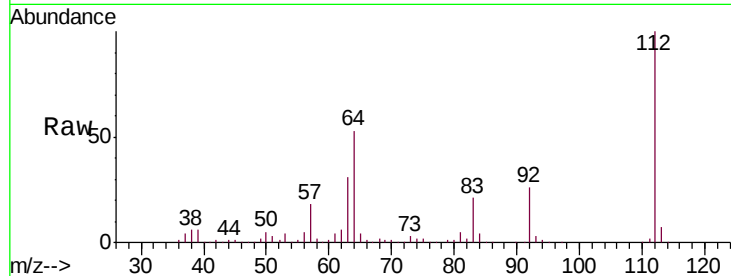




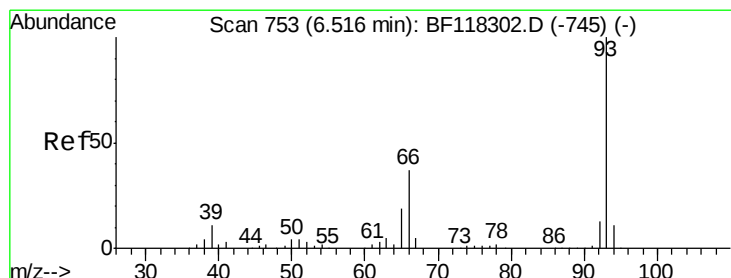
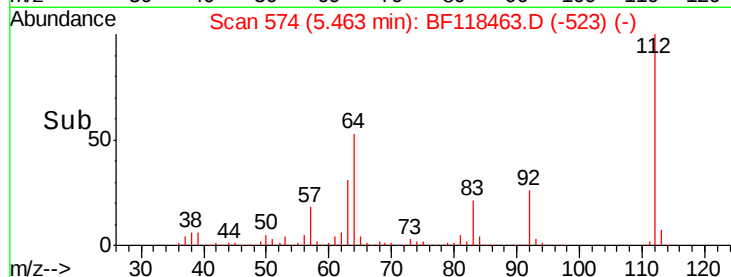
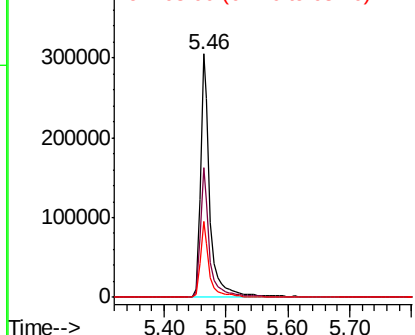
#5
 2-Fluorophenol
 Concen: 73.976 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
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 SSTCCCC040

Tgt Ion: 112 Resp: 336186
 Ion Ratio Lower Upper
 112 100
 64 53.5 39.7 59.5
 63 31.3 21.7 32.5

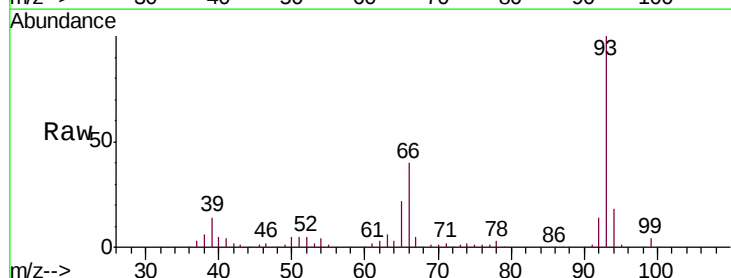


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

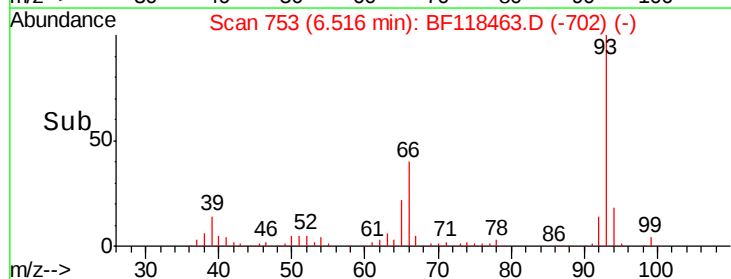
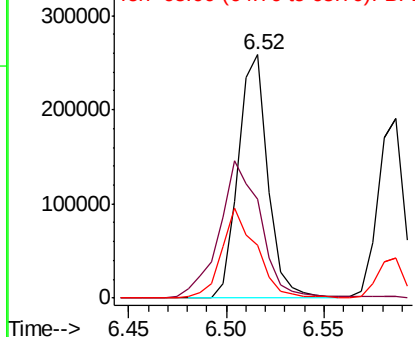


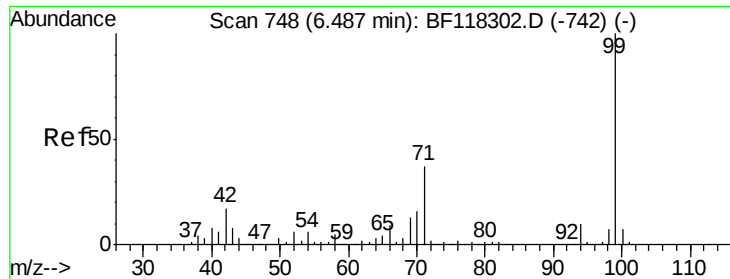
#6
 Aniline
 Concen: 38.273 ng
 RT: 6.52 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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

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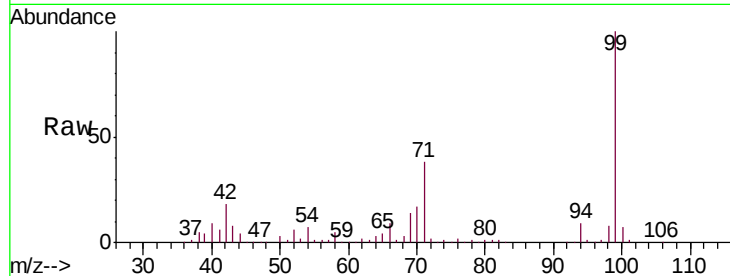
Tgt Ion: 99 Resp: 437963

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

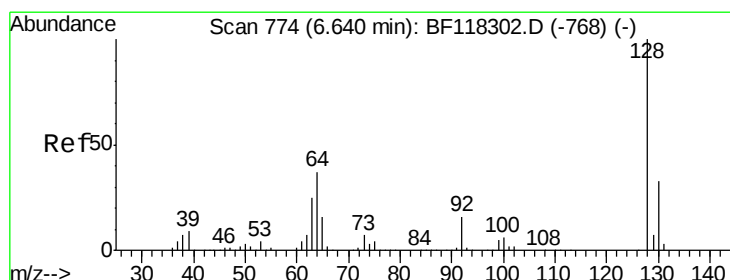
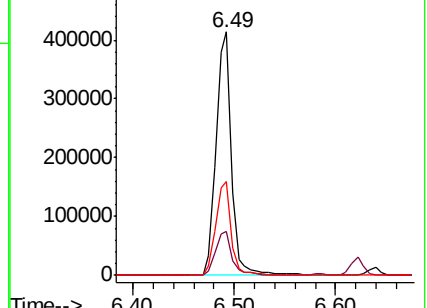
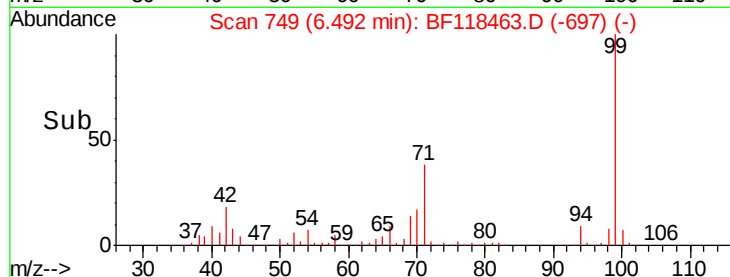
71 38.4 29.4 44.2



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

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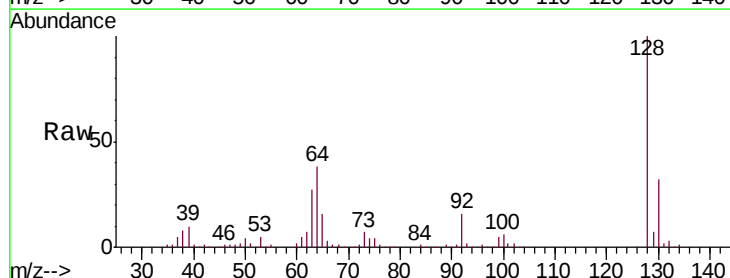
Tgt Ion: 128 Resp: 203768

Ion Ratio Lower Upper

128 100

130 32.0 13.2 53.2

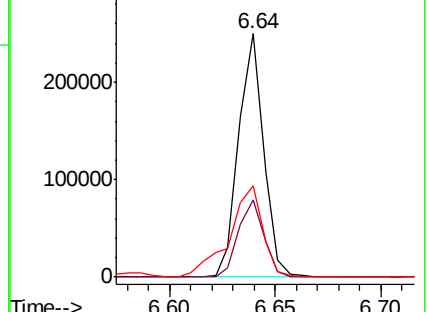
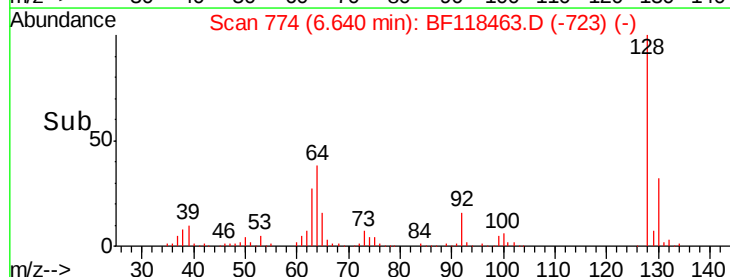
64 37.6 17.7 57.7

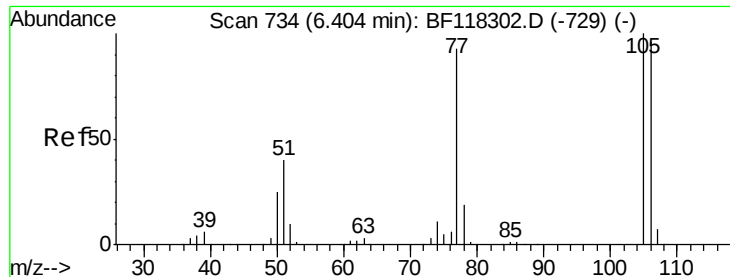


Abundance Ion 128.00 (127.70 to 128.70): E

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

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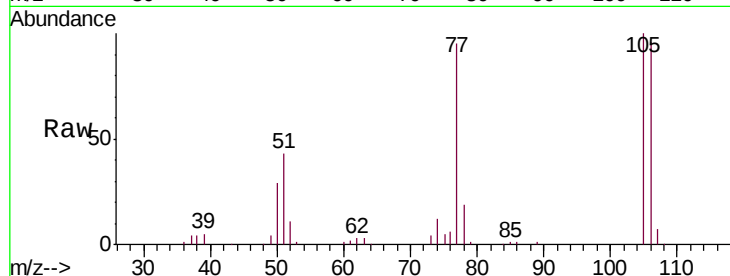
Tgt Ion: 77 Resp: 113634

Ion Ratio Lower Upper

77 100

105 105.4 87.5 127.5

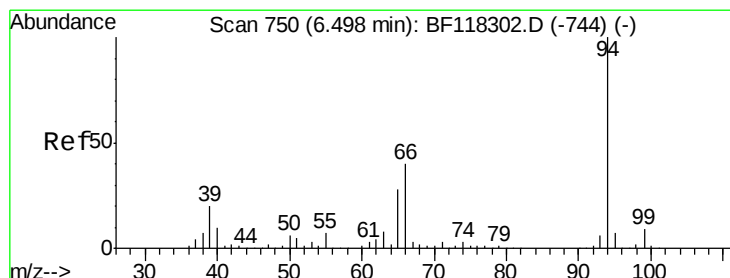
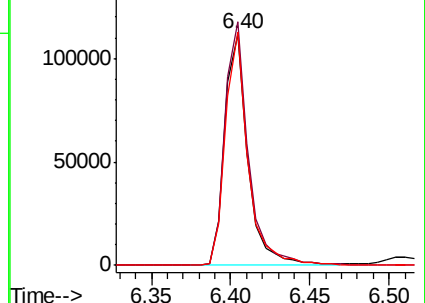
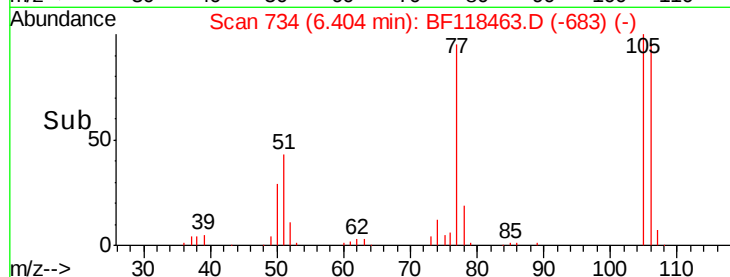
106 101.0 83.6 123.6



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

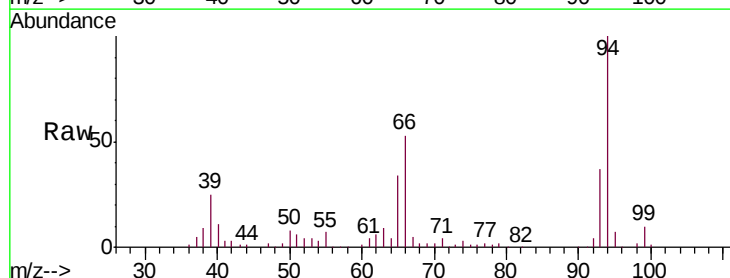
Tgt Ion: 94 Resp: 245863

Ion Ratio Lower Upper

94 100

65 34.4 7.8 47.8

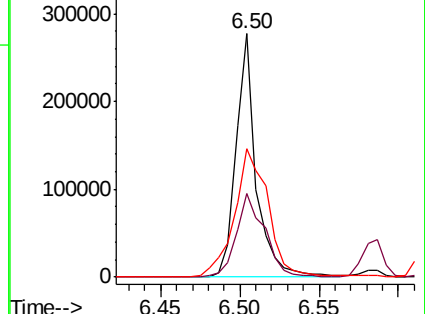
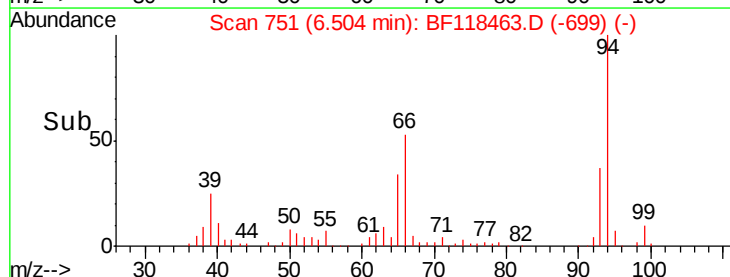
66 52.5 20.4 60.4

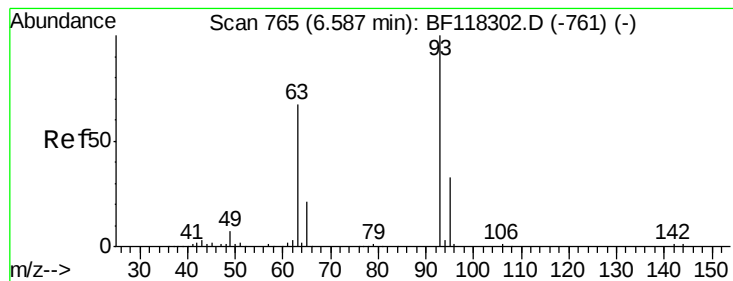


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

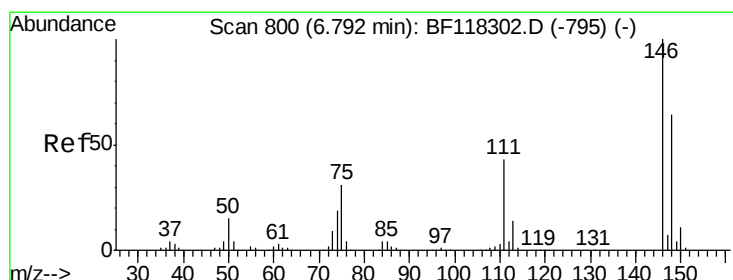
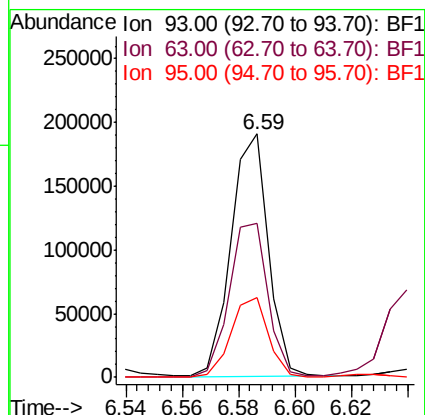
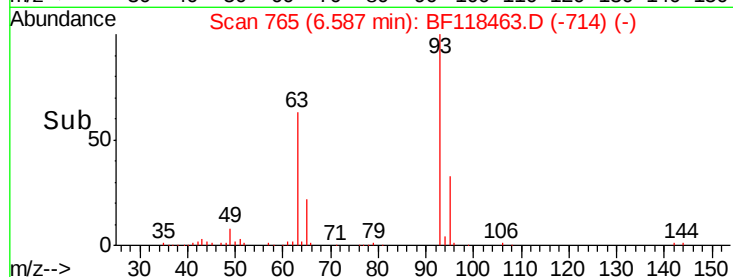
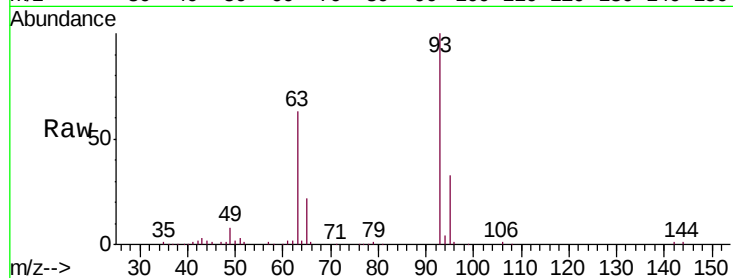




#11
bis(2-Chloroethyl)ether
Concen: 38.371 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

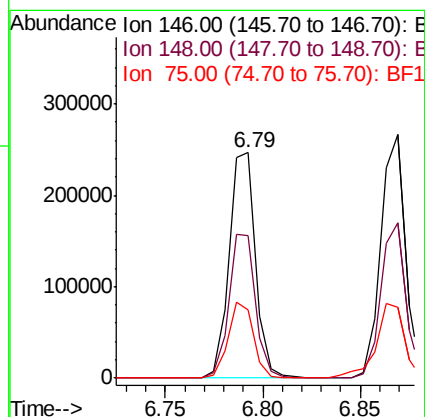
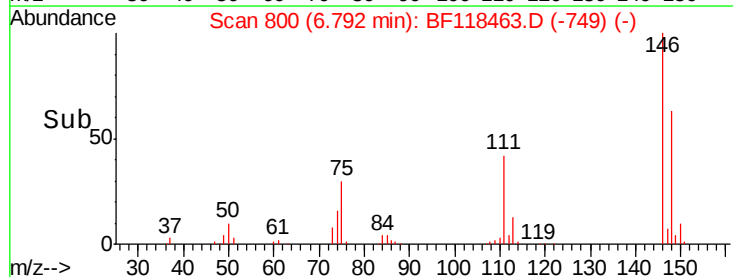
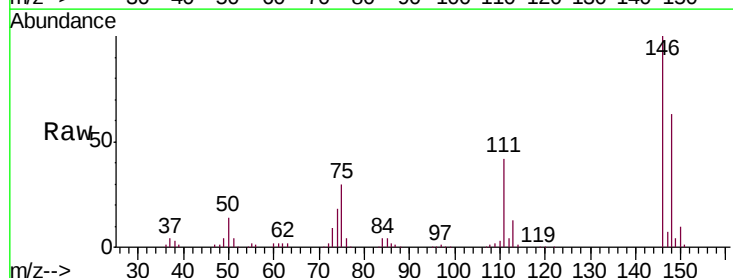
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

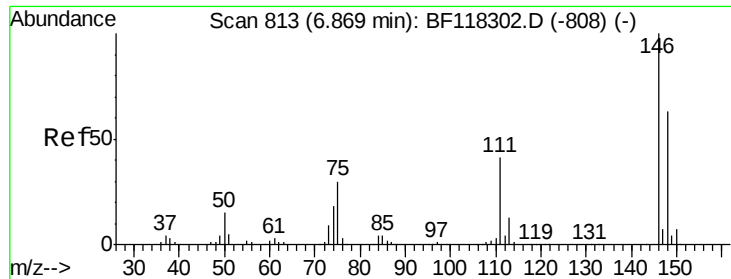
Tgt Ion: 93 Resp: 173882
Ion Ratio Lower Upper
93 100
63 63.2 47.0 87.0
95 32.6 12.8 52.8



#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

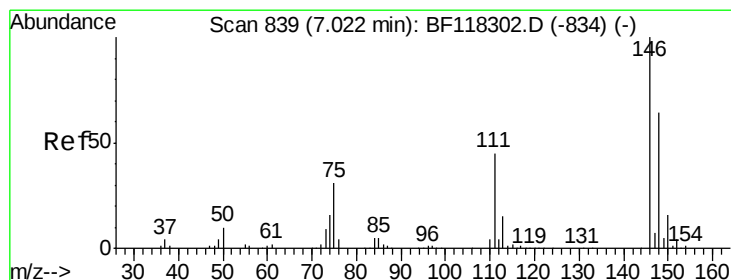
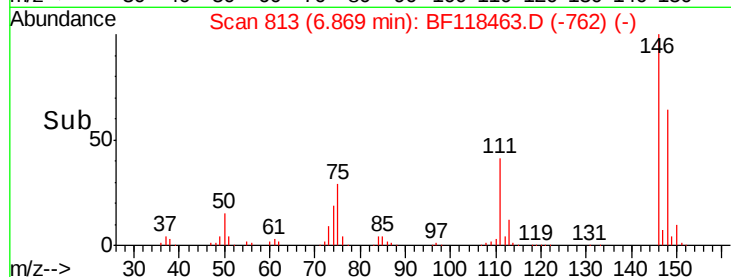
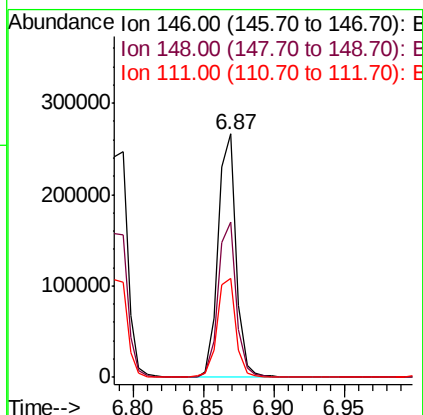
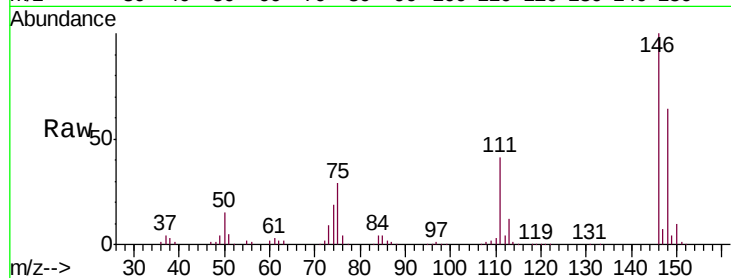




#13
 1,4-Dichlorobenzene
 Concen: 39.437 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

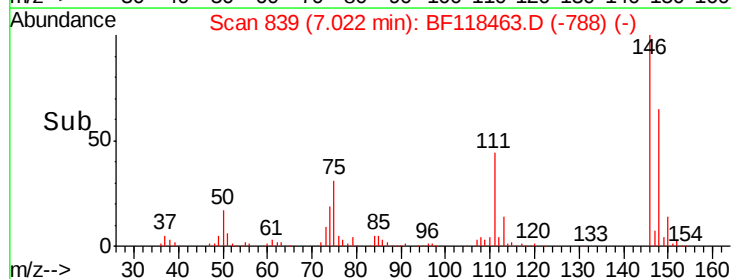
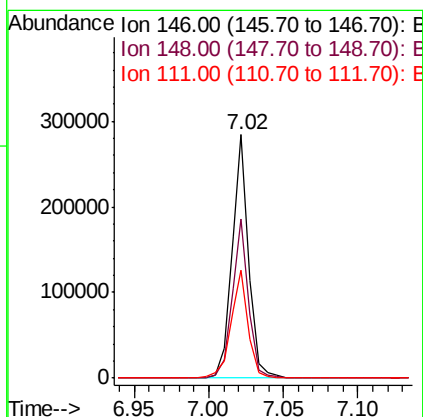
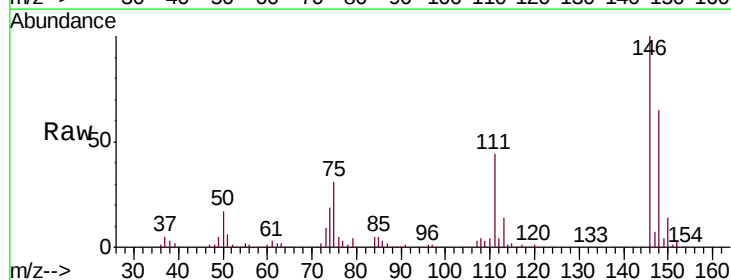
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

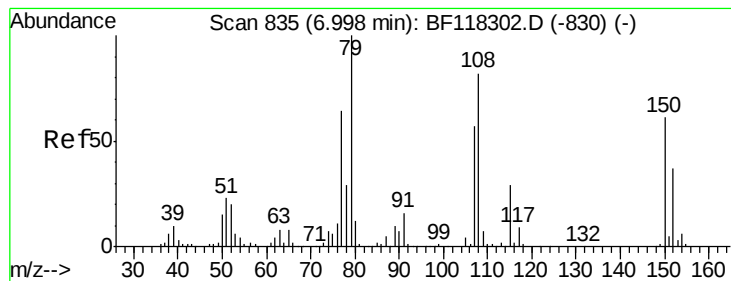
Tgt Ion:146 Resp: 237450
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 40.8 32.8 49.2



#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

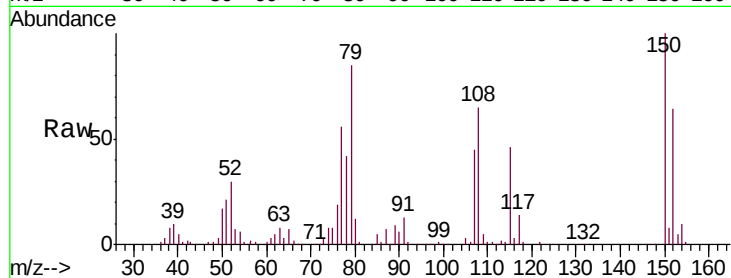
Tgt Ion: 79 Resp: 171946

Ion Ratio Lower Upper

79 100

108 76.4 65.4 98.0

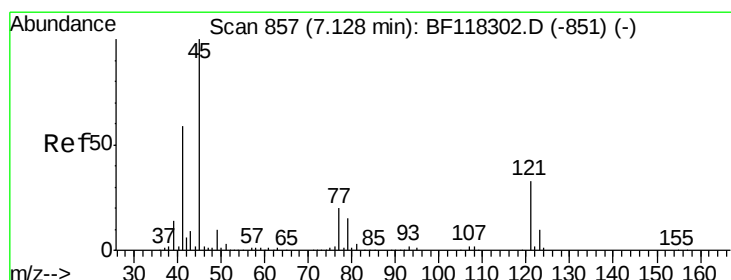
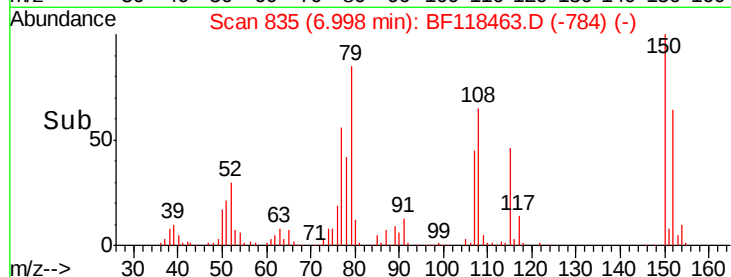
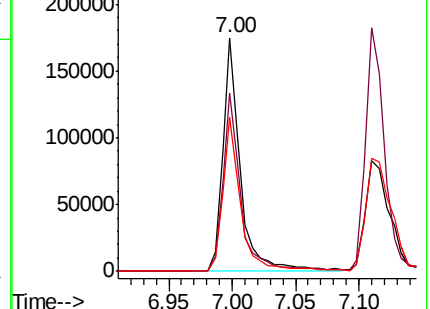
77 66.0 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 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

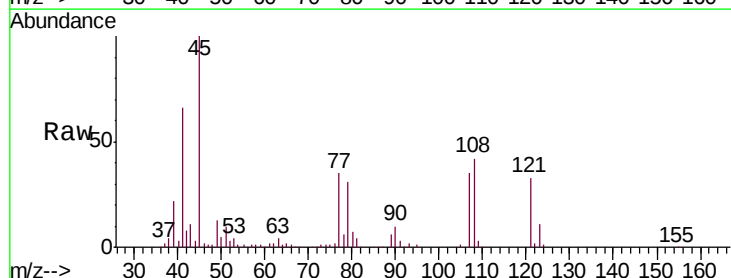
Tgt Ion: 45 Resp: 197167

Ion Ratio Lower Upper

45 100

77 35.3 1.2 41.2

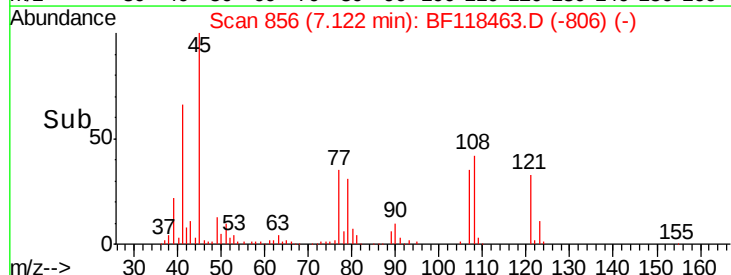
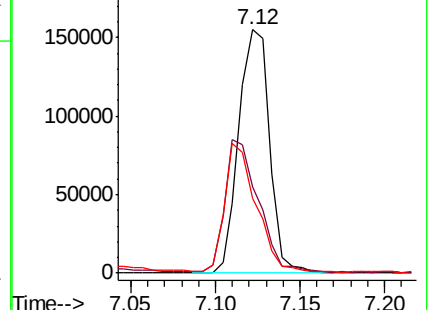
79 30.7 0.0 37.0

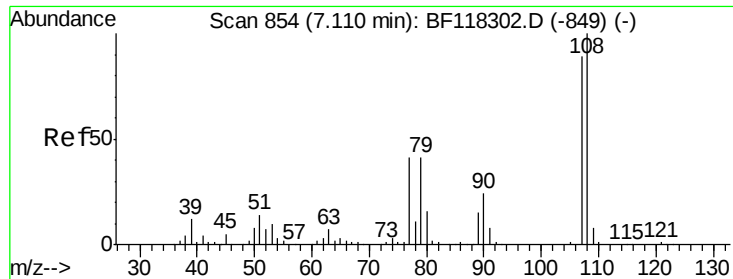


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

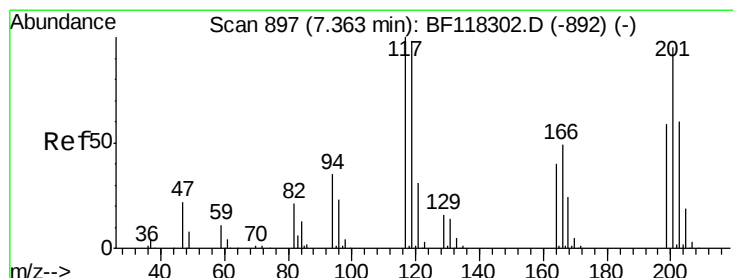
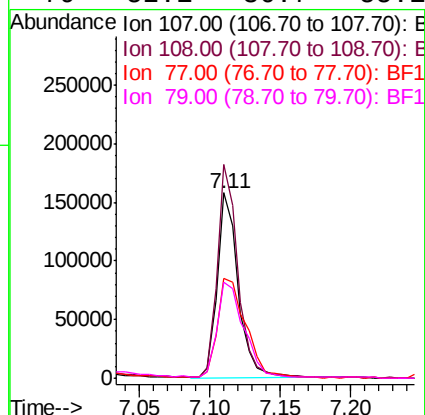
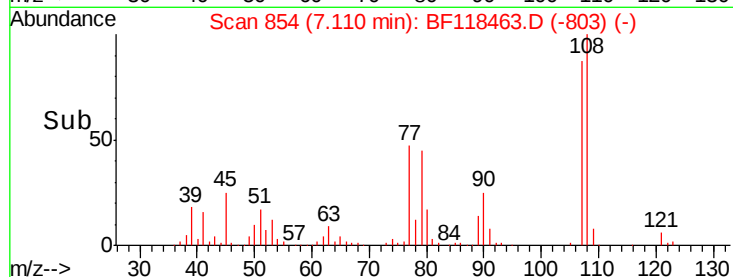
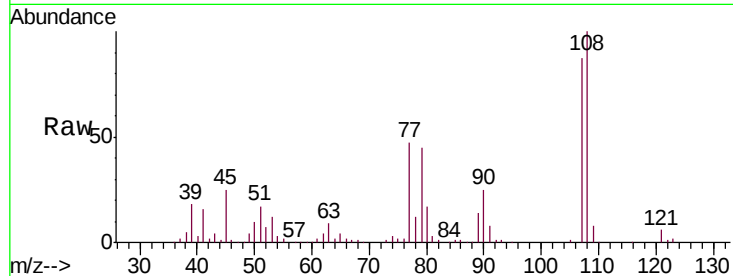




#17
2-Methylphenol
Concen: 39.439 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

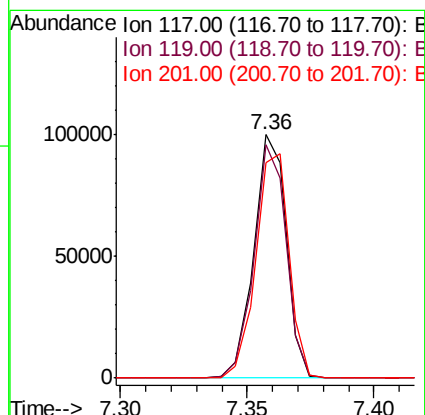
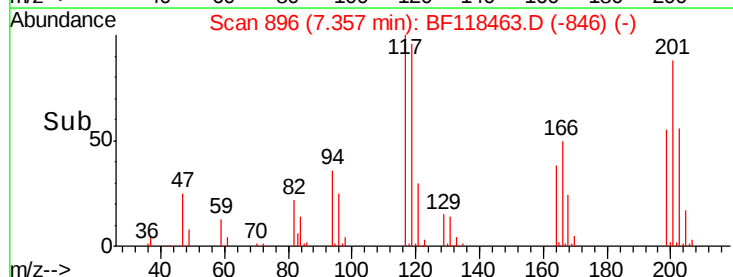
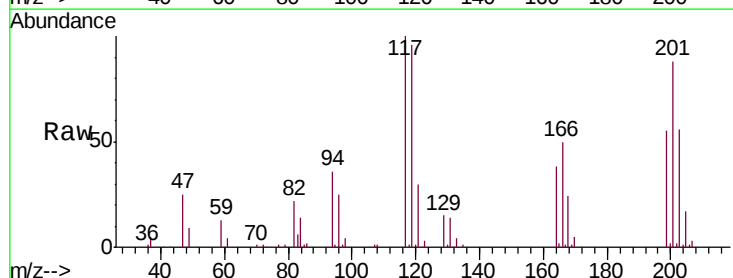
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

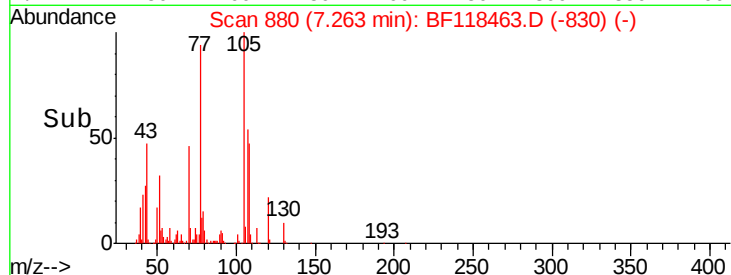
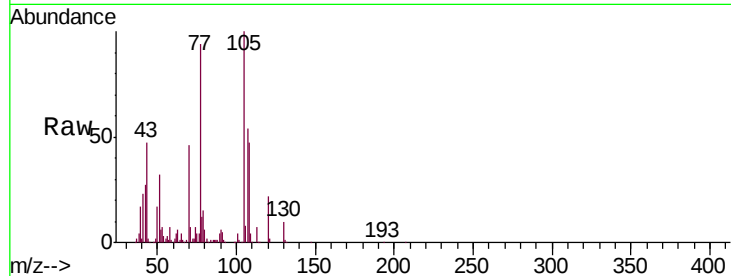
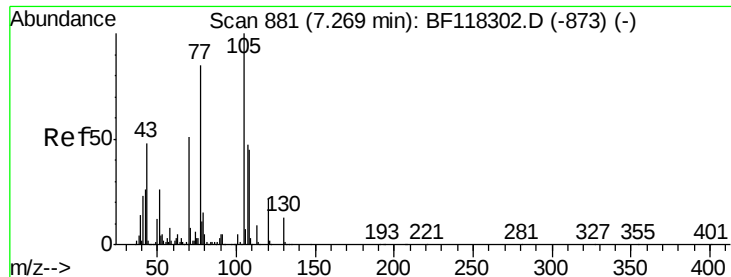
Tgt Ion:107 Resp: 162813
Ion Ratio Lower Upper
107 100
108 115.1 89.7 134.5
77 53.7 37.2 55.8
79 52.1 36.7 55.1



#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

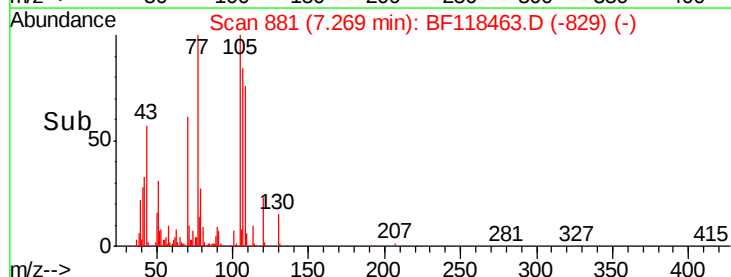
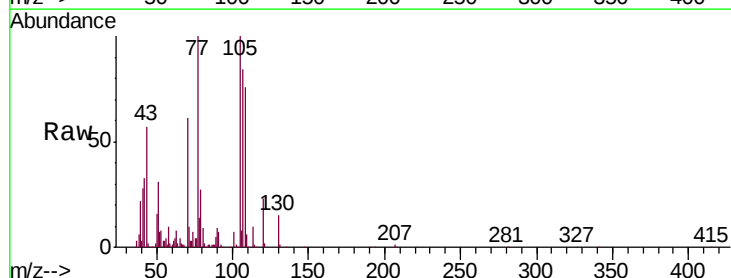
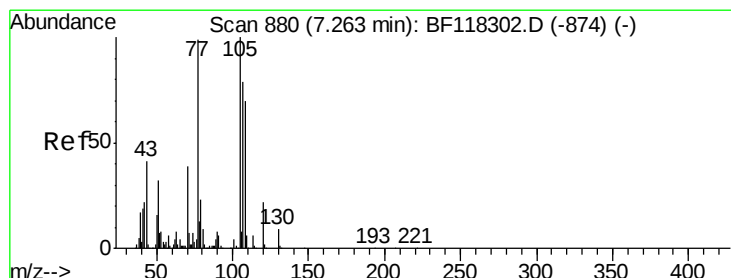
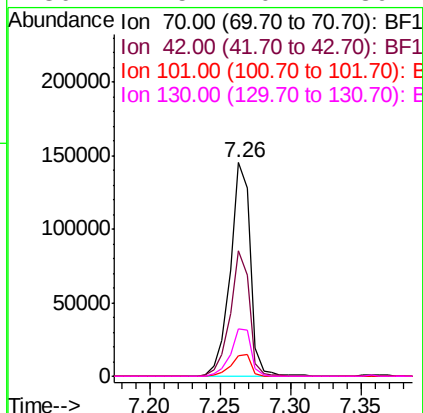




#19
n-Nitroso-di-n-propylamine
Concen: 41.302 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

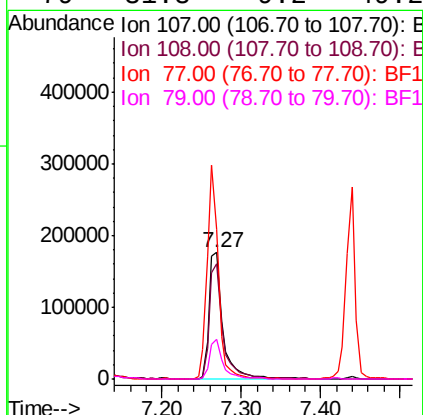
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

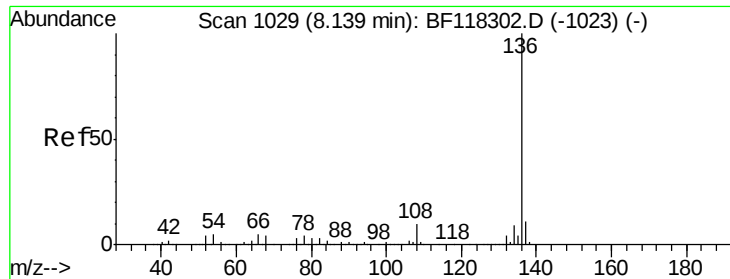
Tgt Ion:	70	Resp:	143442
Ion	Ratio	Lower	Upper
70	100		
42	59.0	41.1	61.7
101	9.7	8.3	12.5
130	22.5	20.1	30.1



#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:	107	Resp:	211682
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

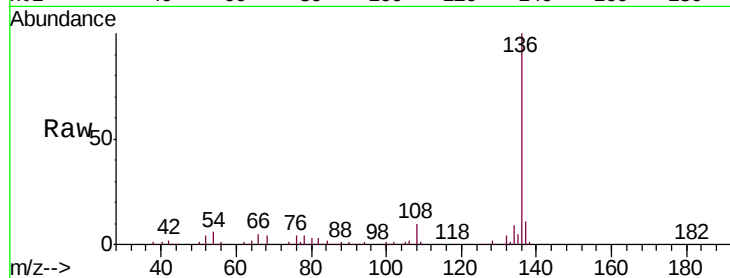




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt 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



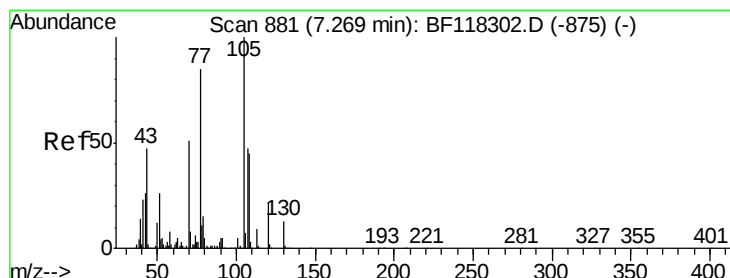
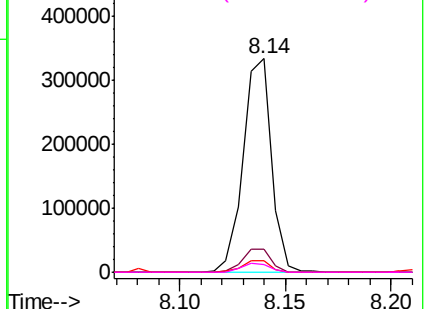
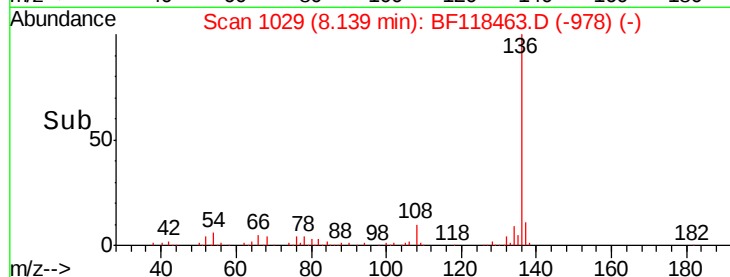
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

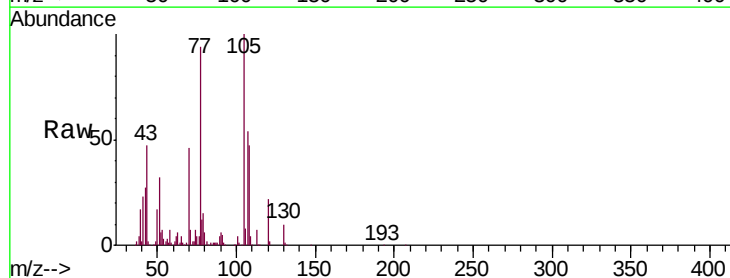
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 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



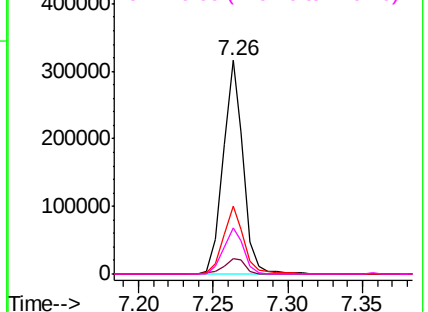
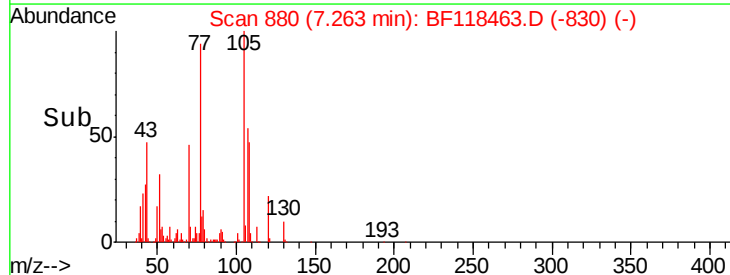
Abundance

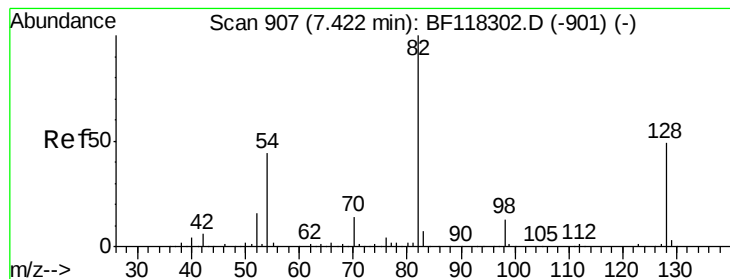
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.352 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

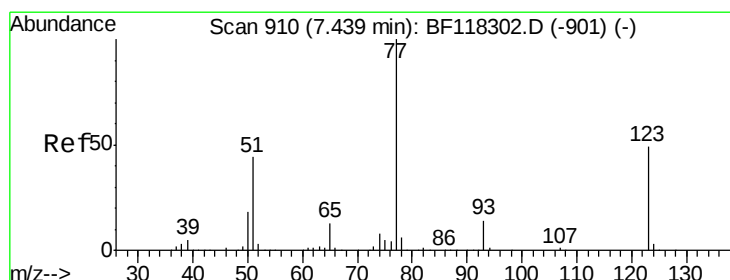
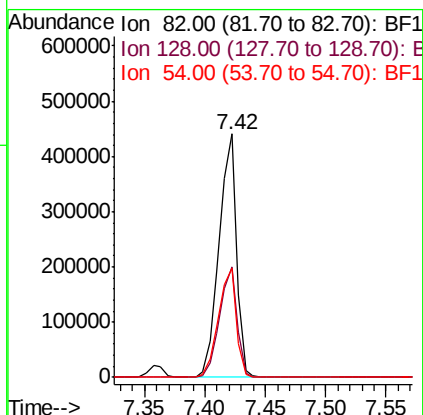
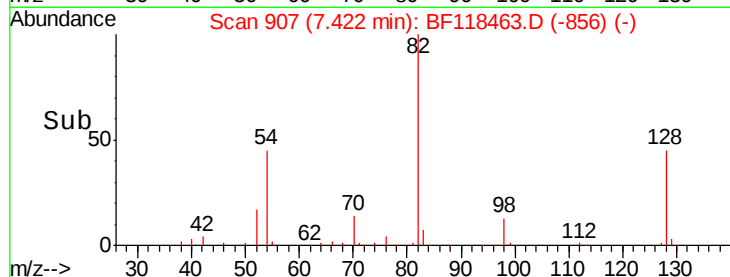
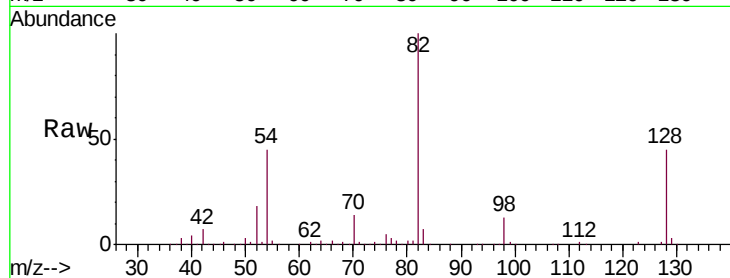
Tgt Ion: 82 Resp: 437870

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

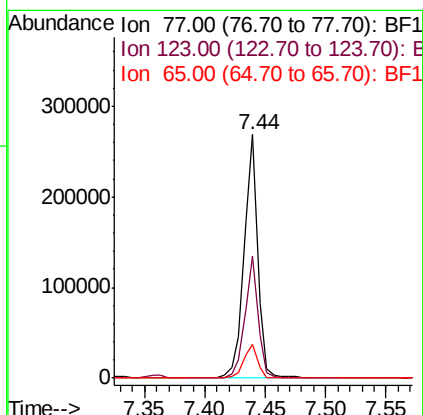
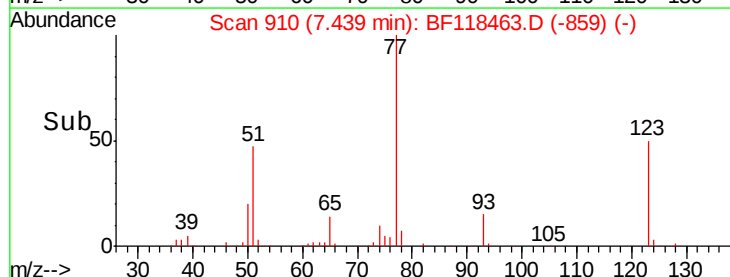
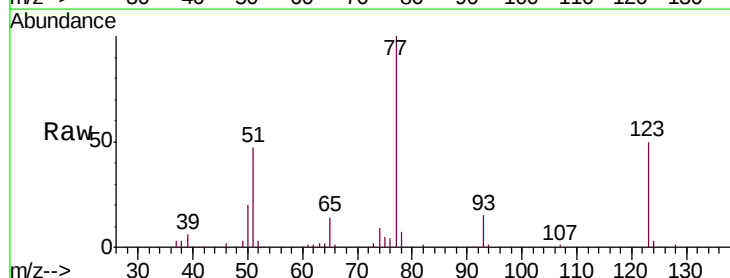
Tgt Ion: 77 Resp: 213240

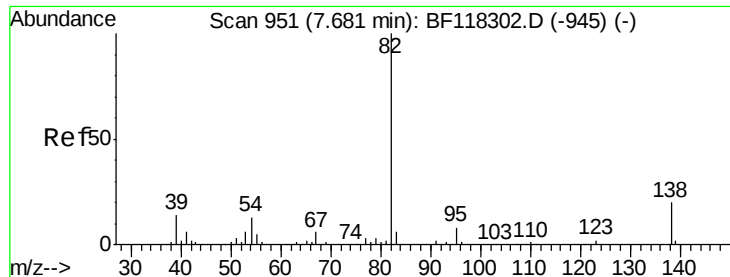
Ion Ratio Lower Upper

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

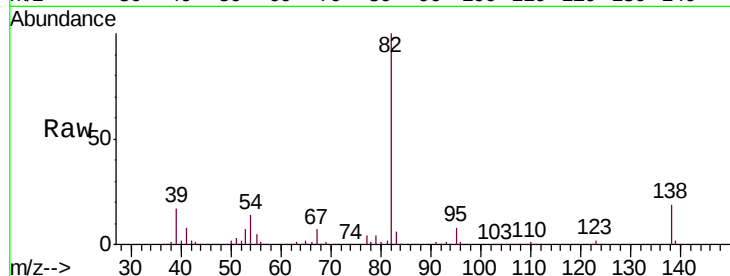
Tgt Ion: 82 Resp: 368909

Ion Ratio Lower Upper

82 100

95 8.3 6.3 9.5

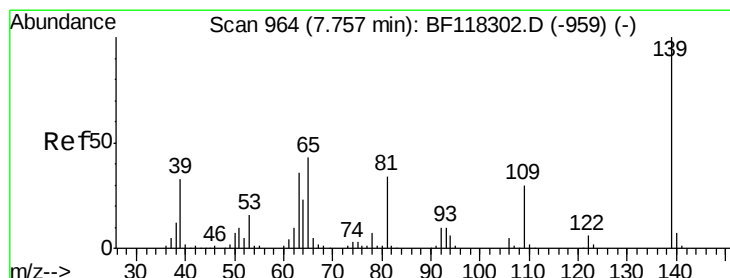
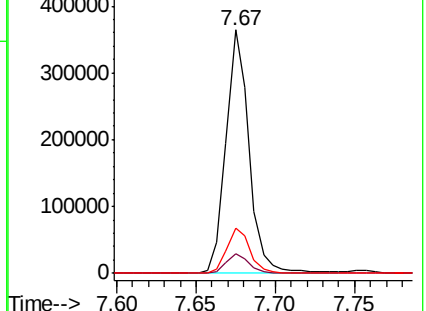
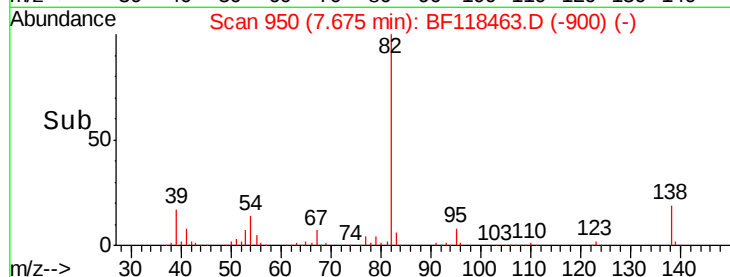
138 18.5 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 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

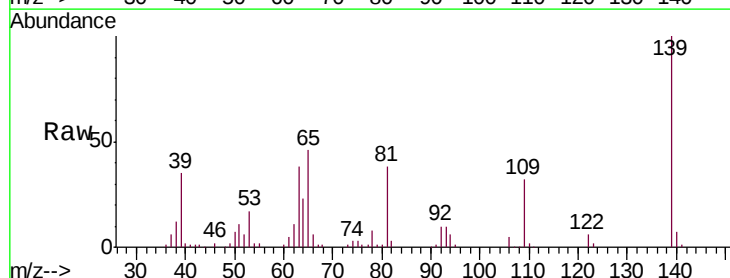
Tgt Ion: 139 Resp: 112909

Ion Ratio Lower Upper

139 100

109 31.6 24.1 36.1

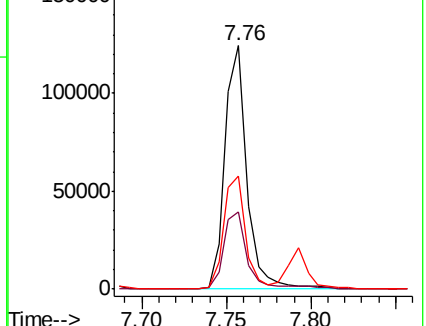
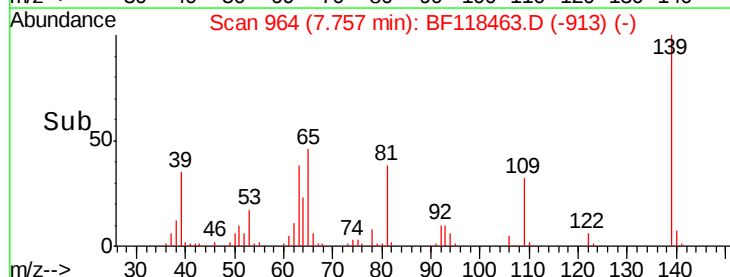
65 46.3 34.6 52.0

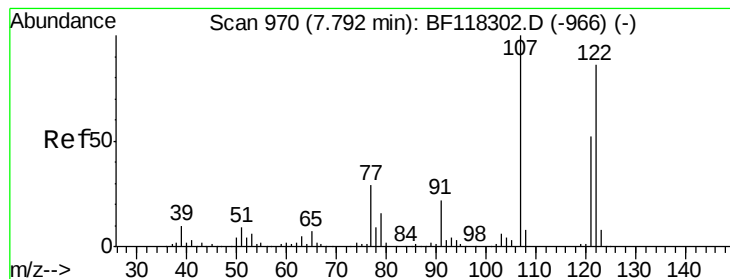


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.069 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

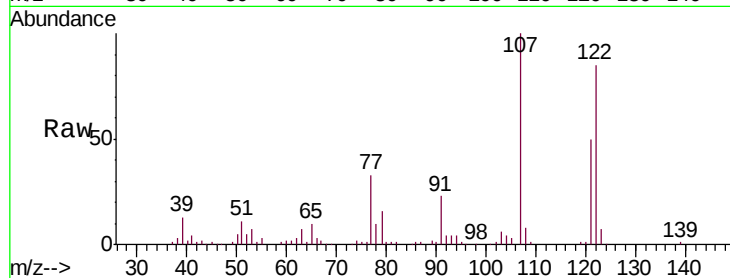
Tgt Ion: 122 Resp: 150179

Ion Ratio Lower Upper

122 100

107 117.1 92.9 139.3

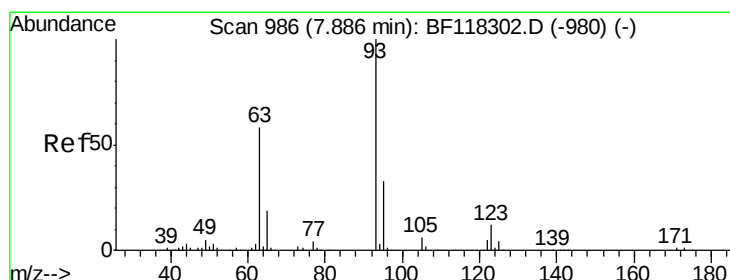
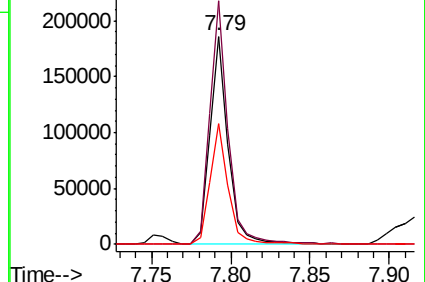
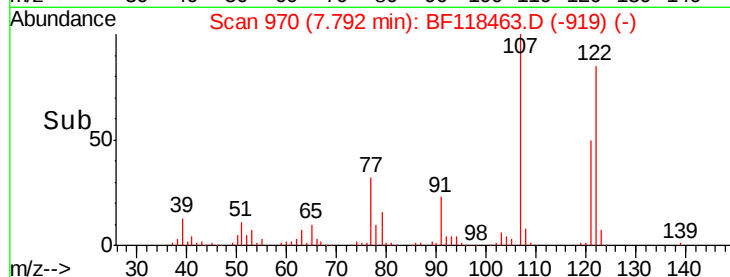
121 58.1 47.9 71.9



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

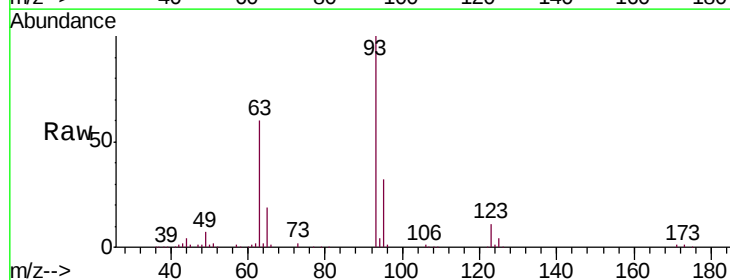
Tgt Ion: 93 Resp: 240317

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

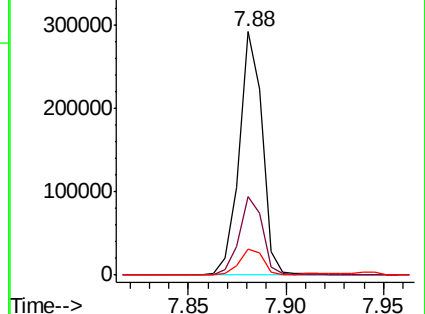
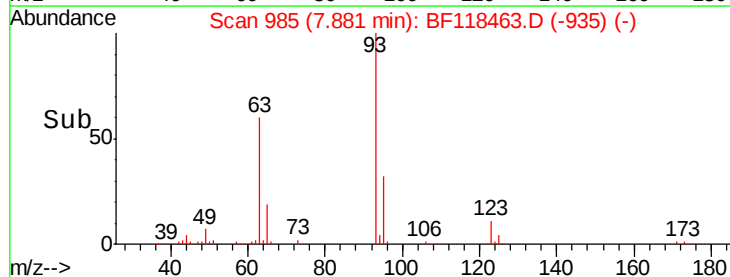
123 10.9 9.8 14.8

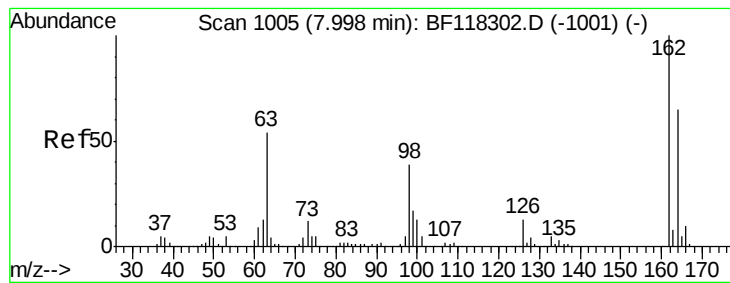


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

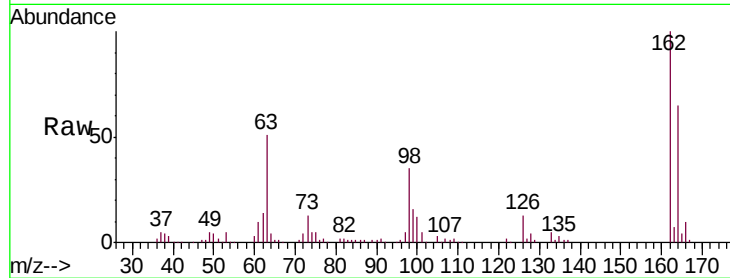




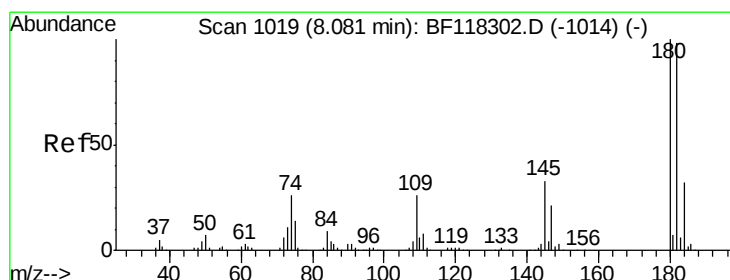
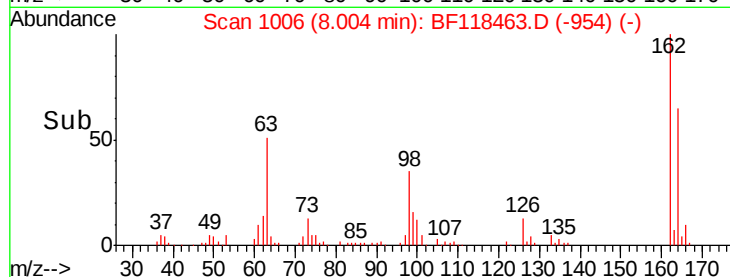
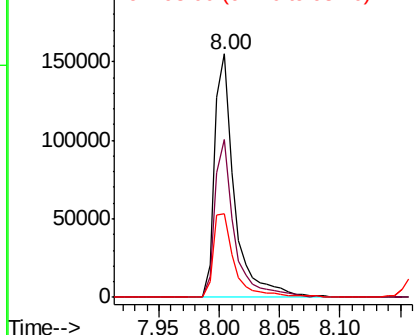
#29
 2,4-Dichlorophenol
 Concen: 38.350 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

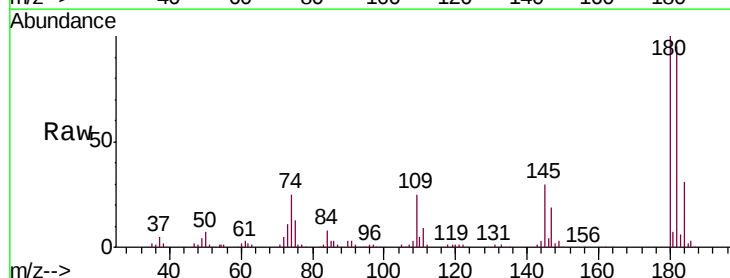


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

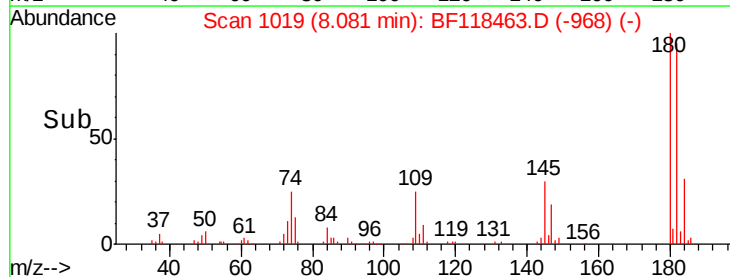
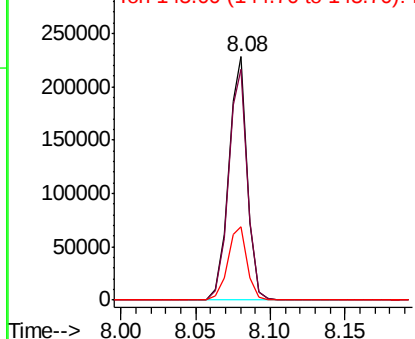


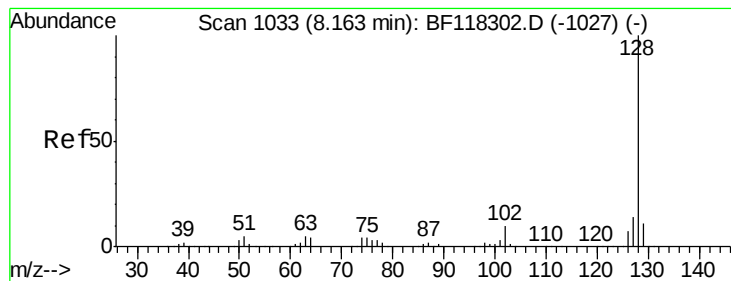
#30
 1,2,4-Trichlorobenzene
 Concen: 38.194 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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

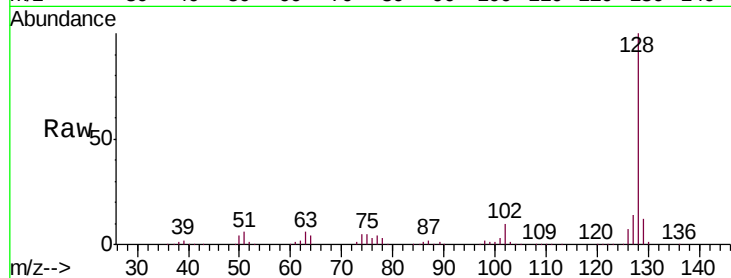
Tgt Ion:128 Resp: 651412

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.4

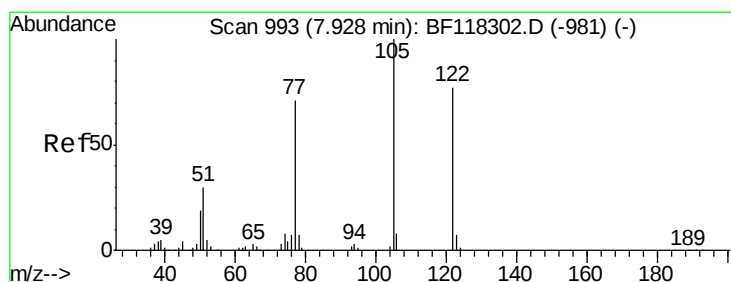
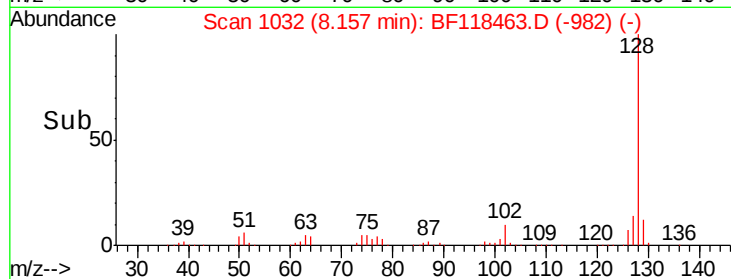
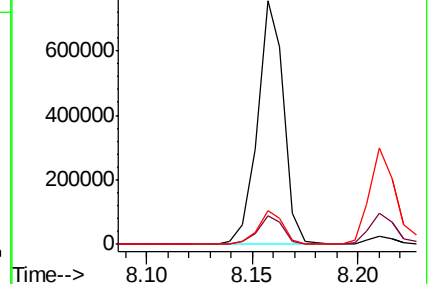
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 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

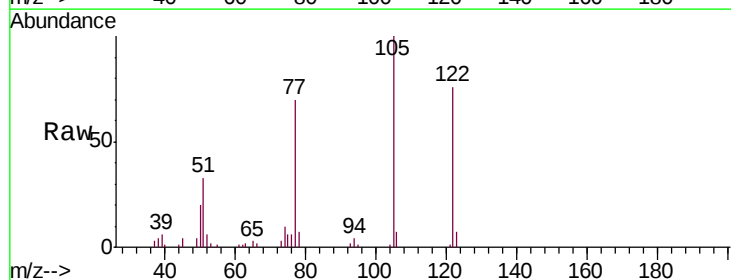
Tgt Ion:122 Resp: 103718

Ion Ratio Lower Upper

122 100

105 131.6 106.8 146.8

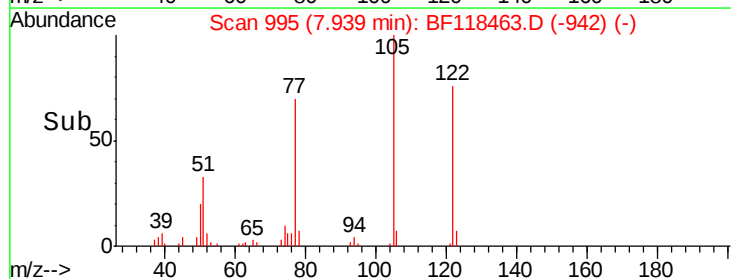
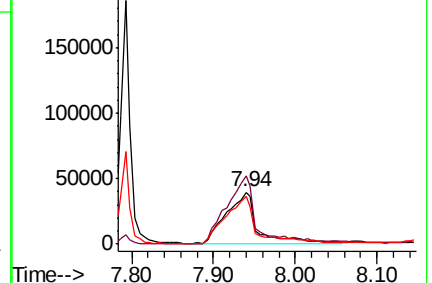
77 92.2 70.4 110.4

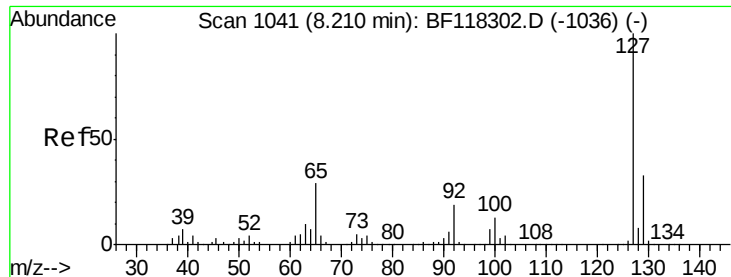


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

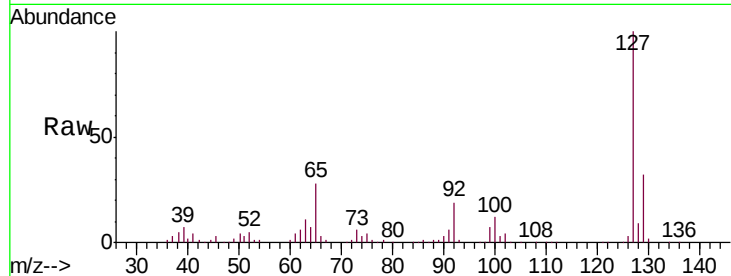




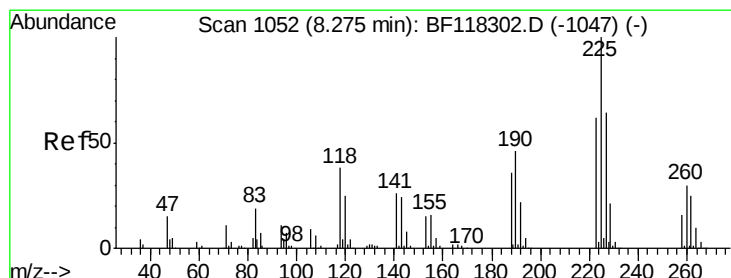
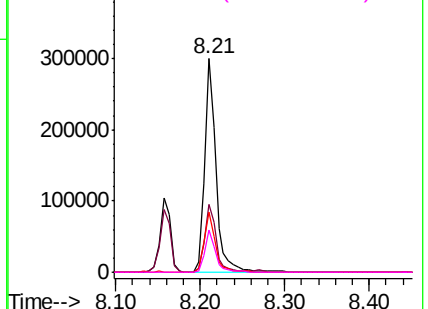
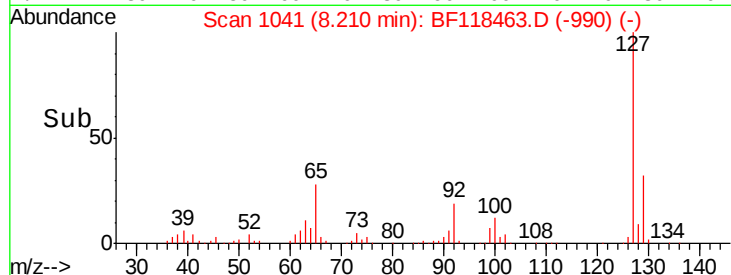
#33
4-Chloroaniline
Concen: 40.965 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt 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

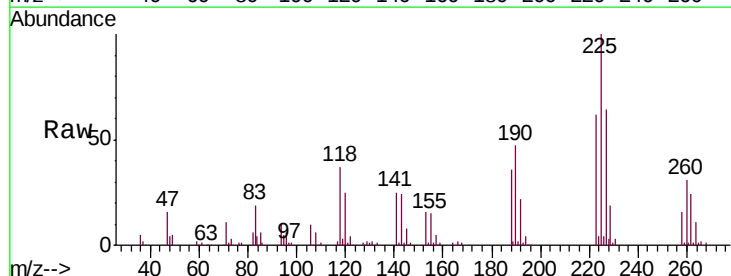


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

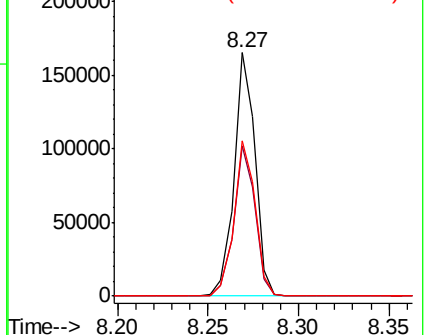
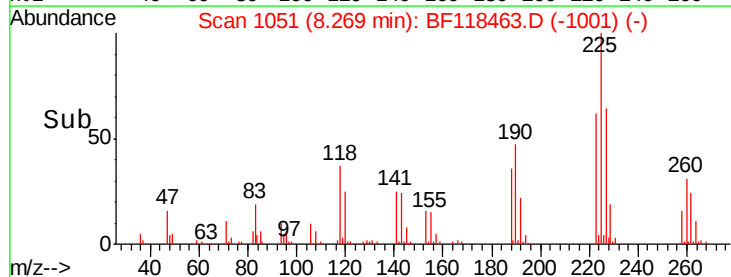


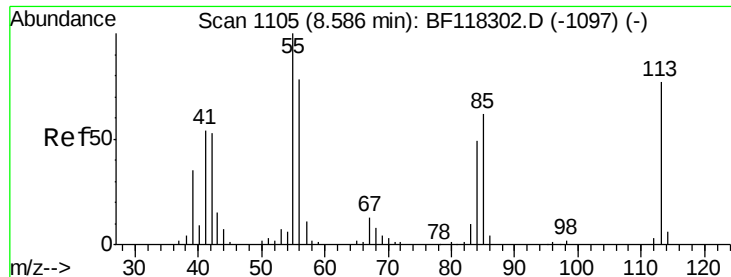
#34
Hexachlorobutadiene
Concen: 42.229 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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



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

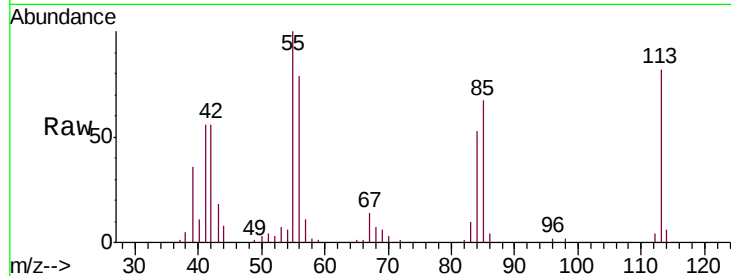




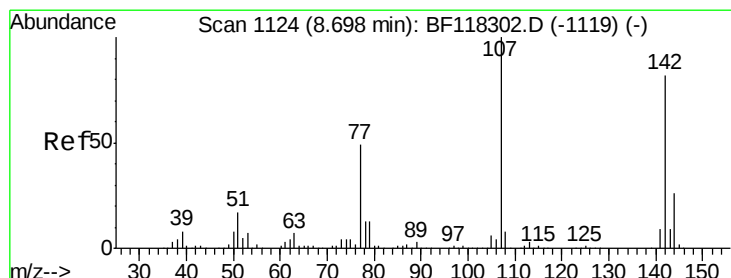
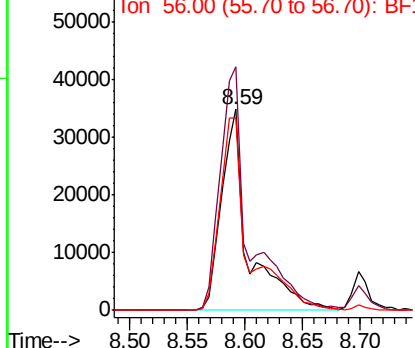
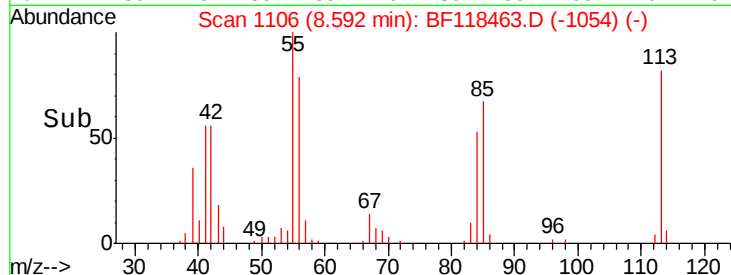
#35
 Caprolactam
 Concen: 39.532 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion:113 Resp: 56040
 Ion Ratio Lower Upper
 113 100
 55 121.3 109.8 149.8
 56 95.9 81.7 121.7

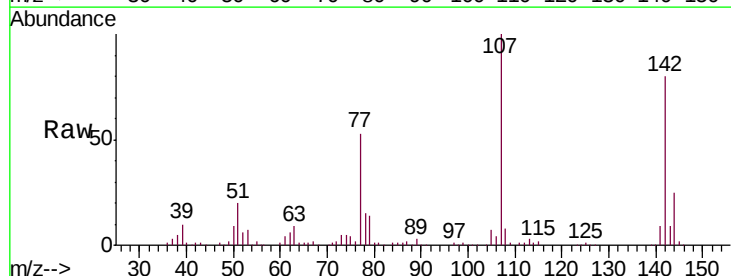


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

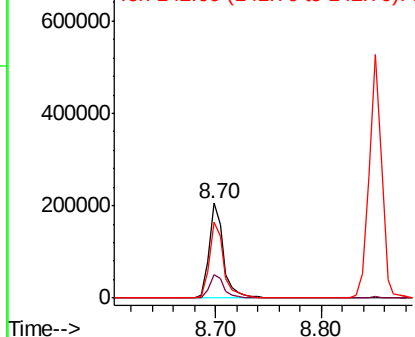
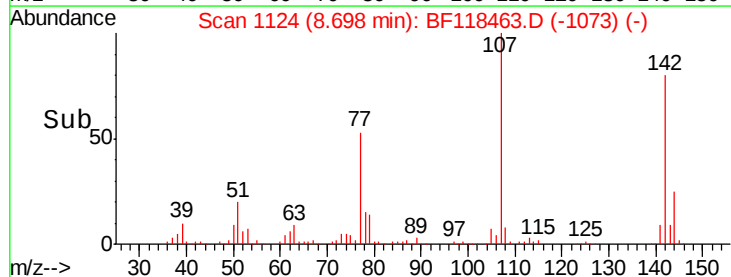


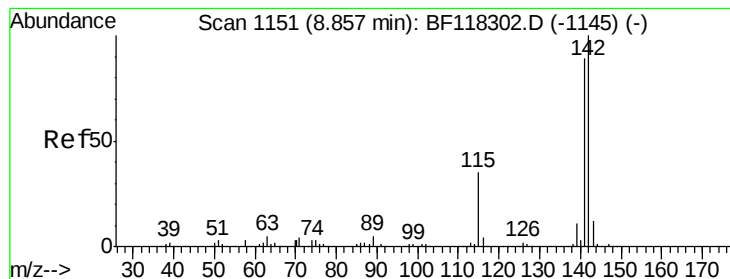
#36
 4-Chloro-3-methylphenol
 Concen: 40.498 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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

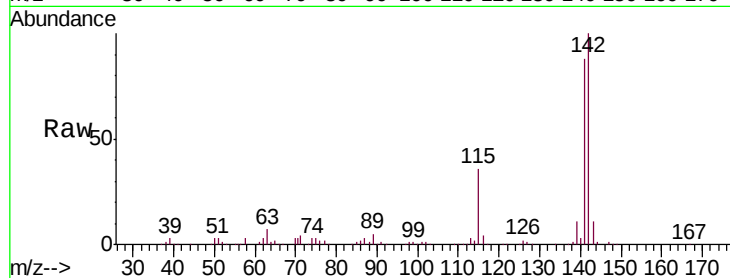
Tgt Ion:142 Resp: 424718

Ion Ratio Lower Upper

142 100

141 87.6 71.2 106.8

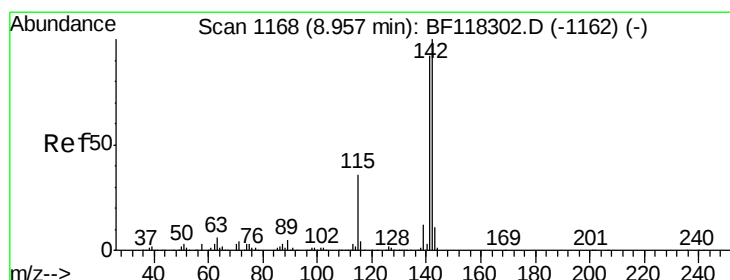
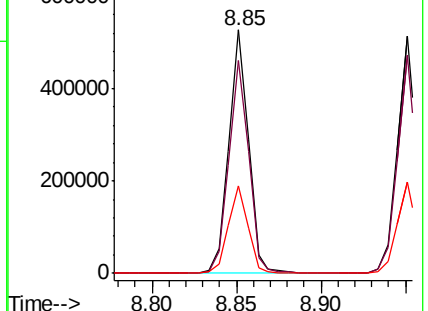
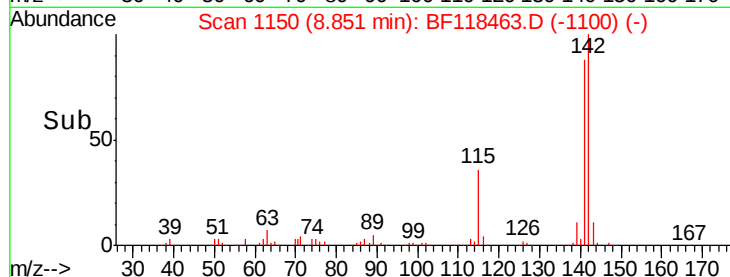
115 36.2 28.0 42.0



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

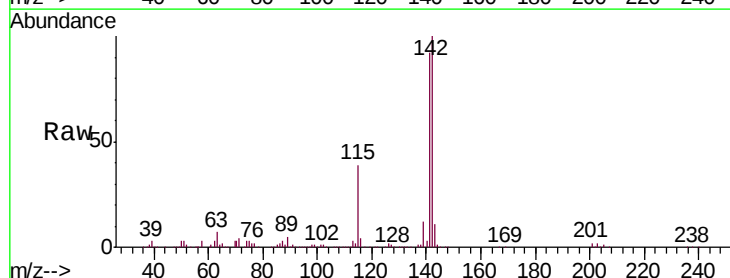
Tgt Ion:142 Resp: 399533

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2

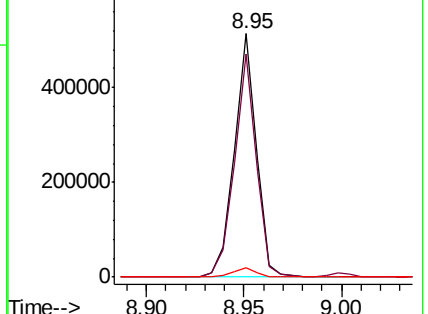
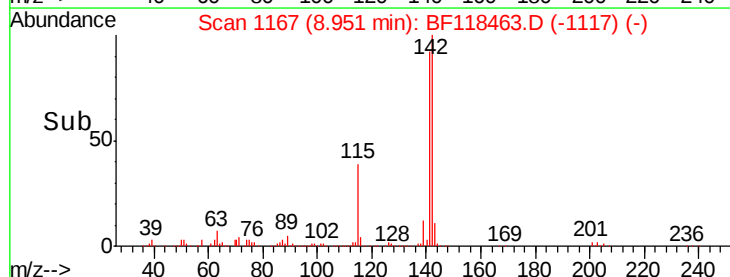
116 3.7 2.9 4.3

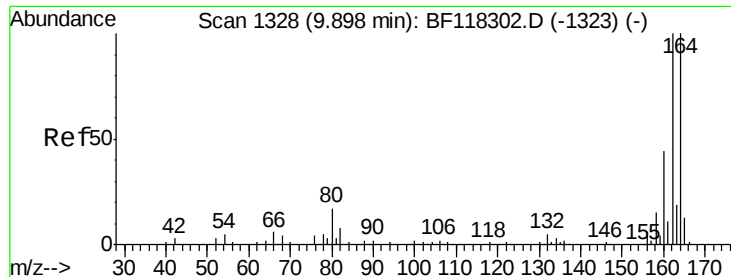


Abundance Ion 142.00 (141.70 to 142.70): E

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

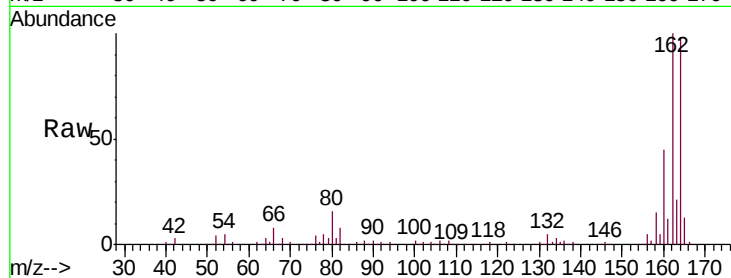
Tgt Ion:164 Resp: 160846

Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

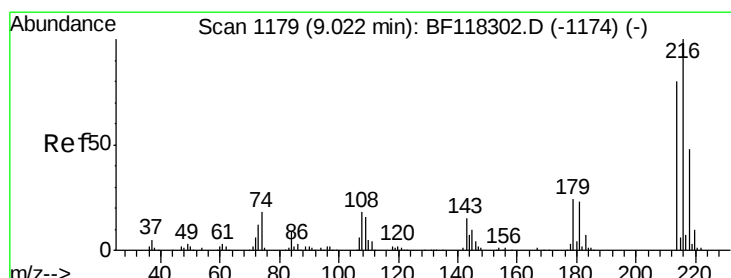
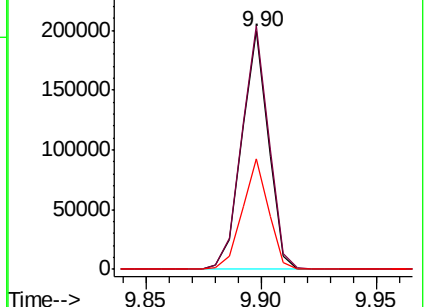
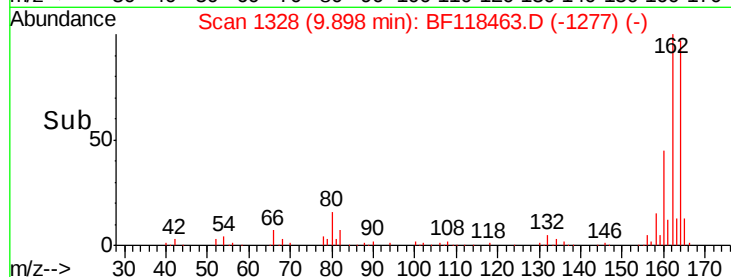
160 46.4 34.8 52.2



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

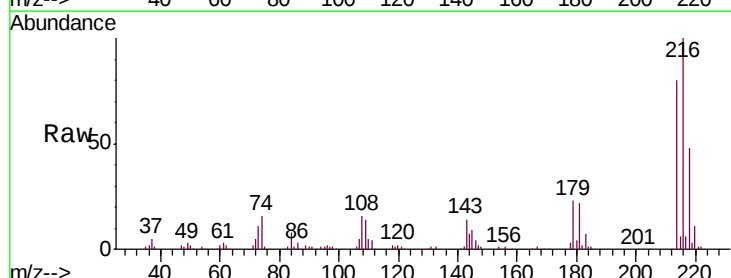
Ion Ratio Lower Upper

216 100

214 79.6 63.3 94.9

179 23.3 18.9 28.3

108 19.2 15.0 22.6

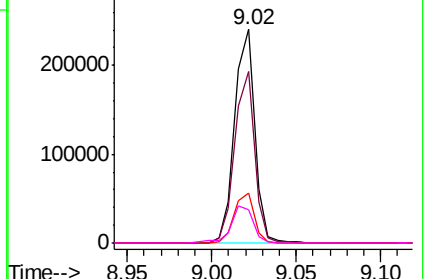
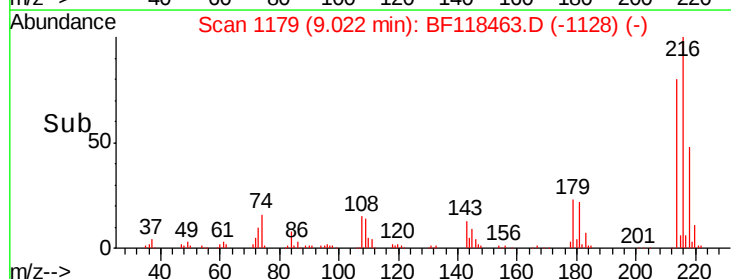


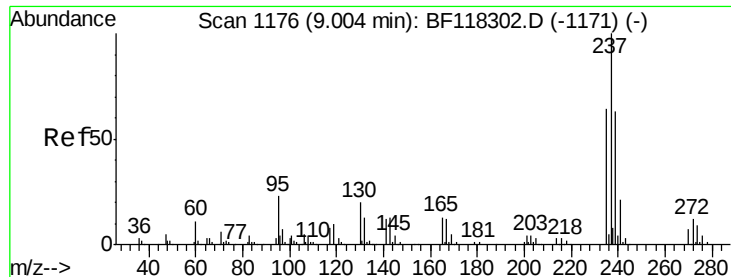
Abundance Ion 216.00 (215.70 to 216.70): E

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

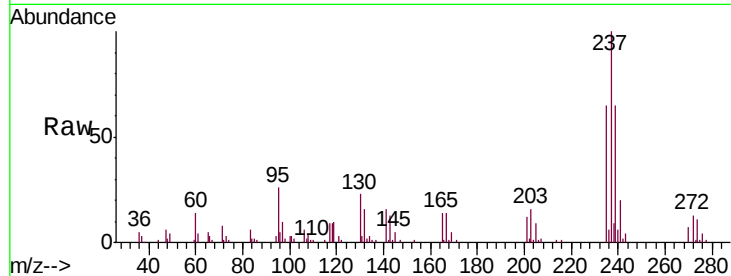




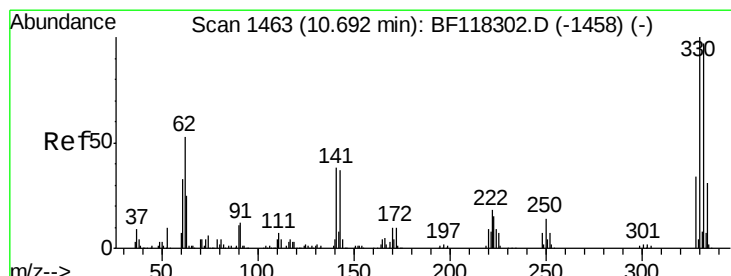
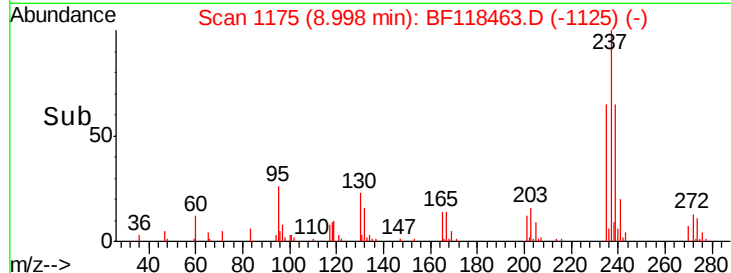
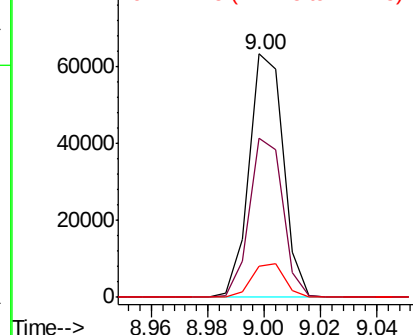
#41
Hexachlorocyclopentadiene
Concen: 32.236 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 53220
Ion Ratio Lower Upper
237 100
235 65.2 43.8 83.8
272 12.8 0.0 31.7

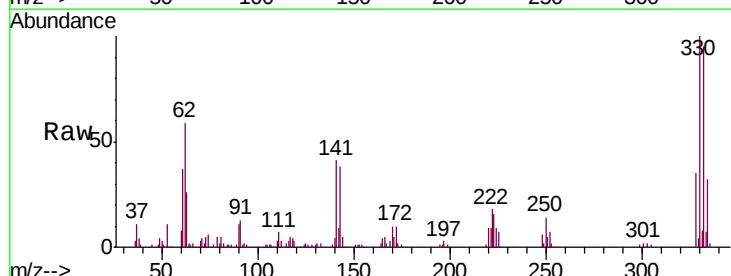


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

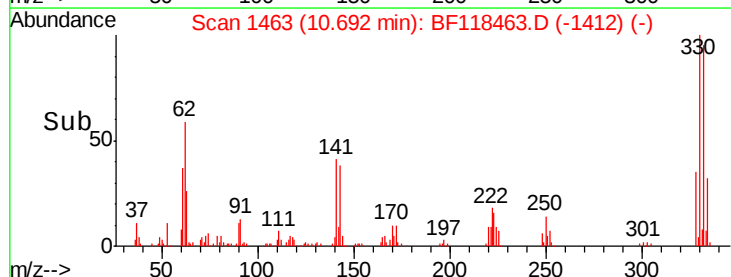
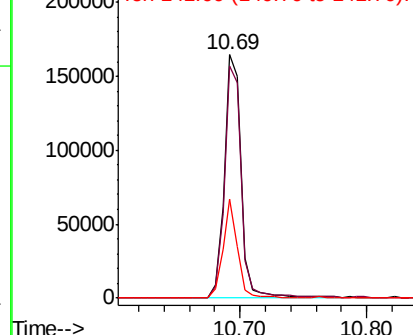


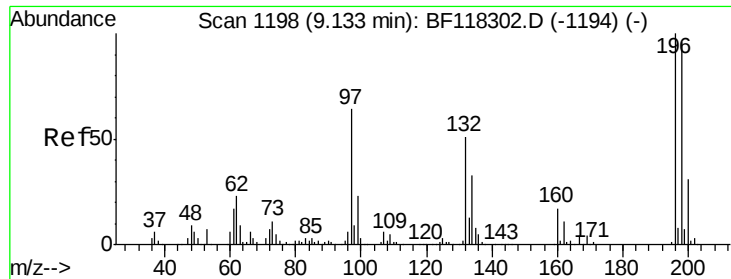
#42
2,4,6-Tribromophenol
Concen: 77.637 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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

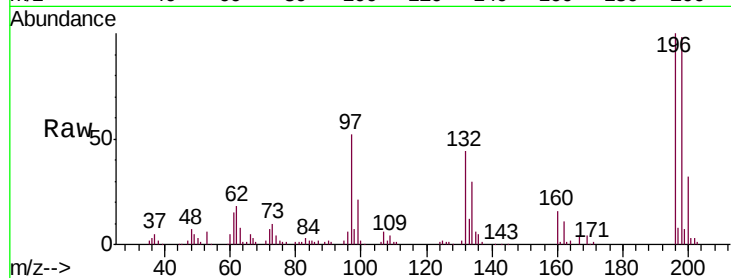




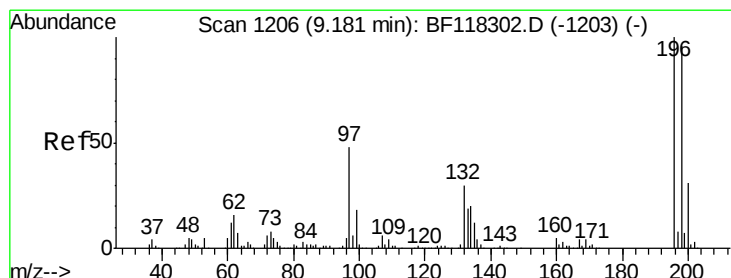
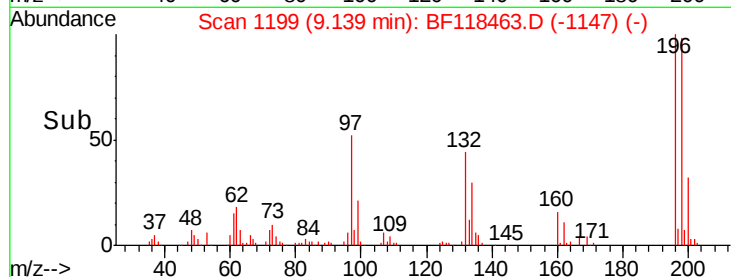
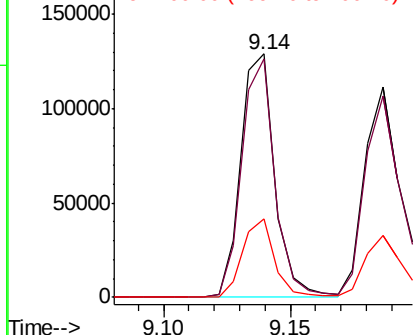
#43
 2,4,6-Trichlorophenol
 Concen: 37.265 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 120315
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.7 115.1
 200 32.4 24.8 37.2



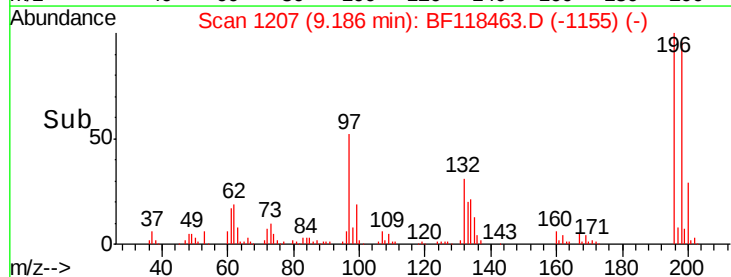
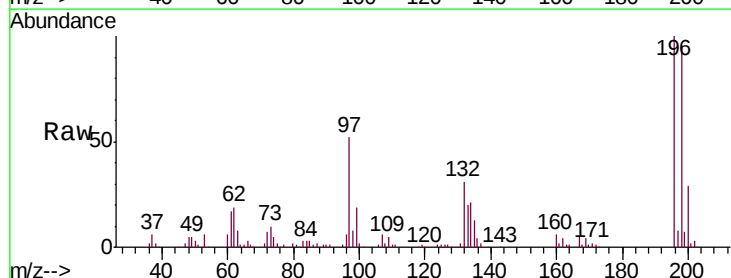
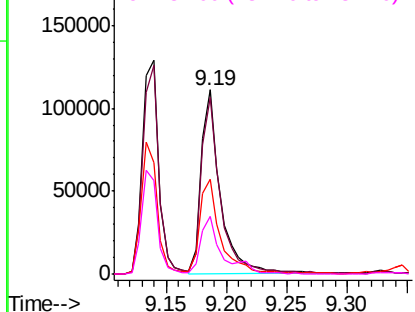
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

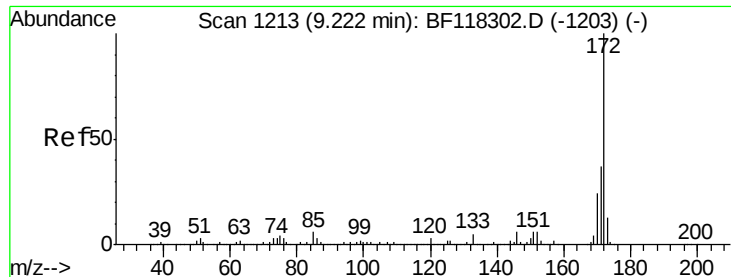


#44
 2,4,5-Trichlorophenol
 Concen: 36.871 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Tgt Ion:196 Resp: 122460
 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

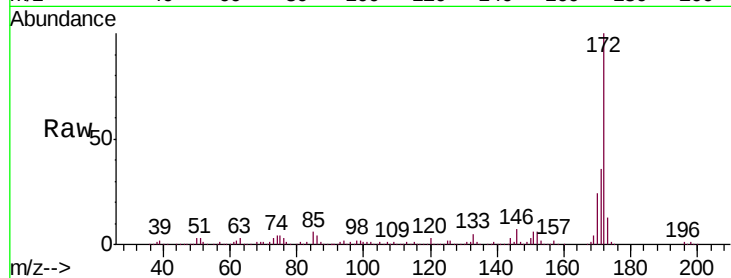
Tgt Ion:172 Resp: 880380

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

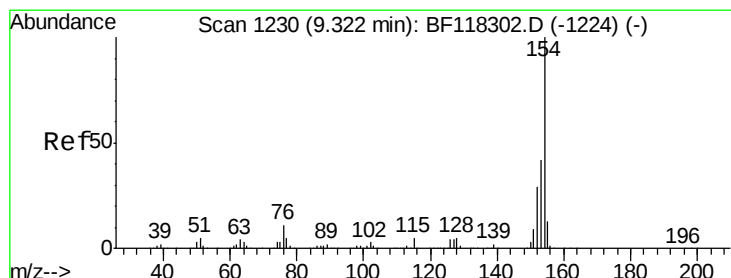
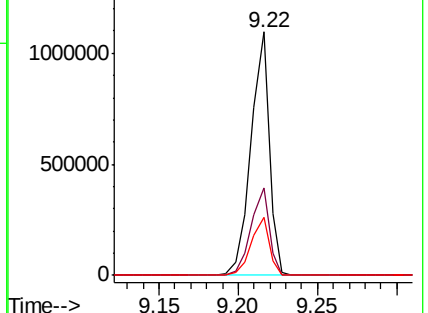
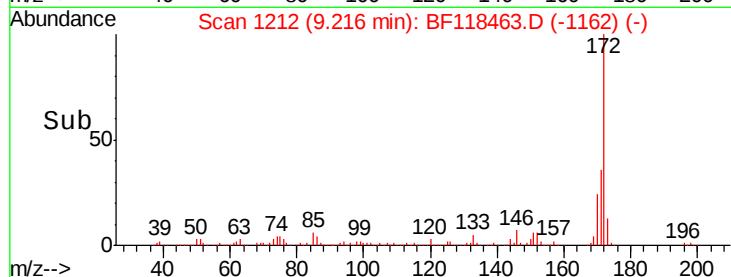
170 23.6 19.2 28.8



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

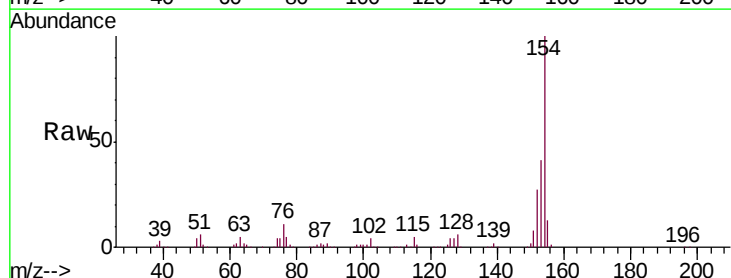
Tgt Ion:154 Resp: 520417

Ion Ratio Lower Upper

154 100

153 40.6 21.8 61.8

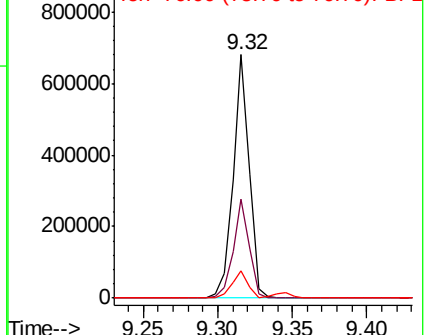
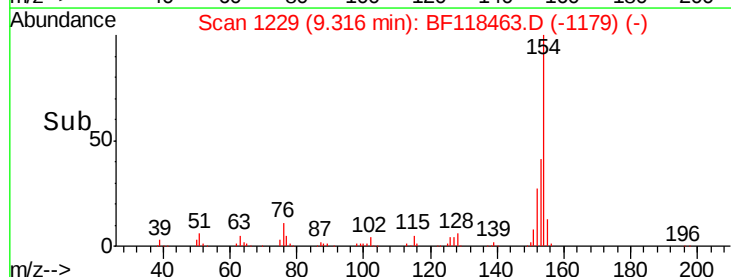
76 11.4 0.0 30.9

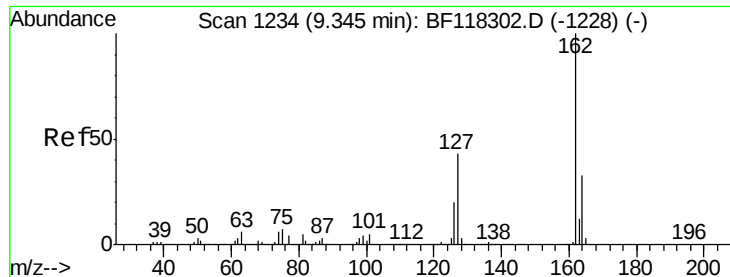


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

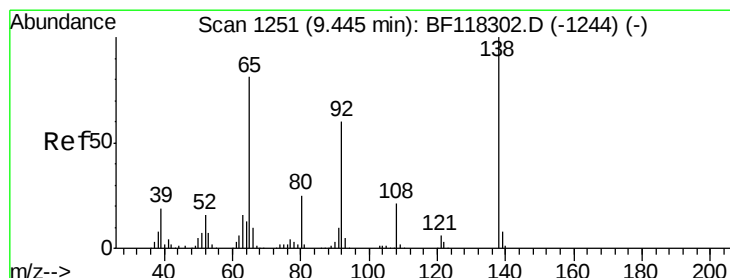
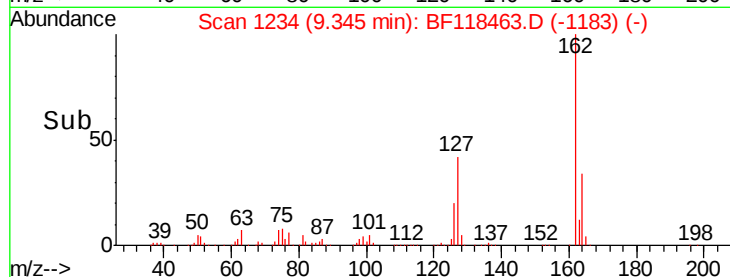
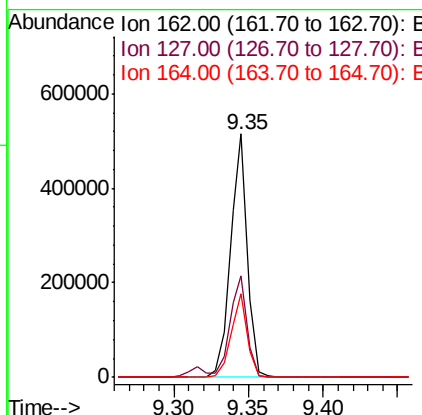
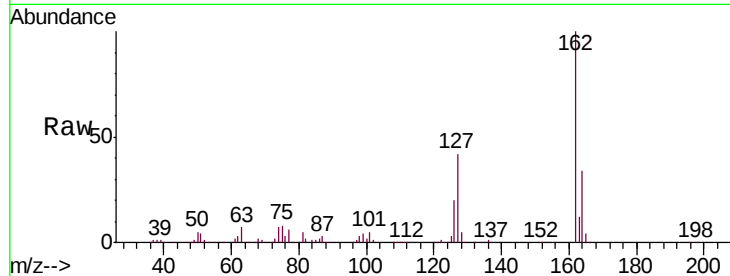




#47
 2-Chloronaphthalene
 Concen: 40.133 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

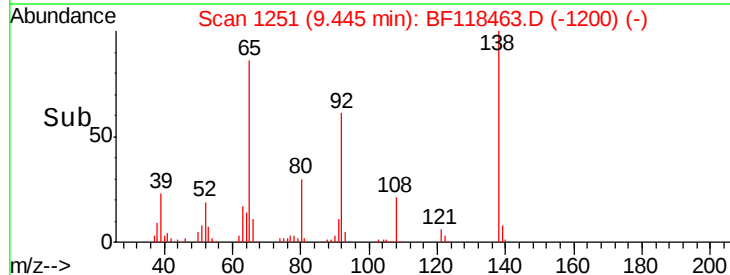
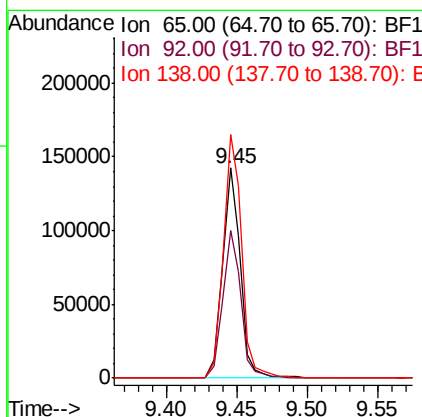
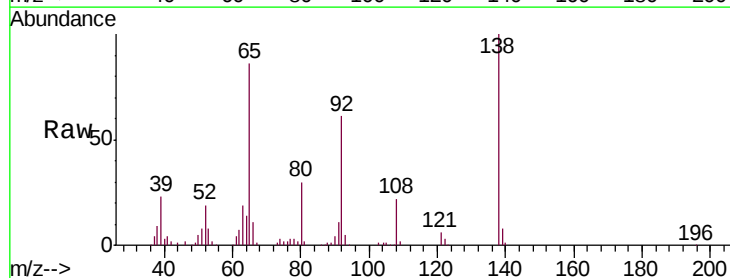
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

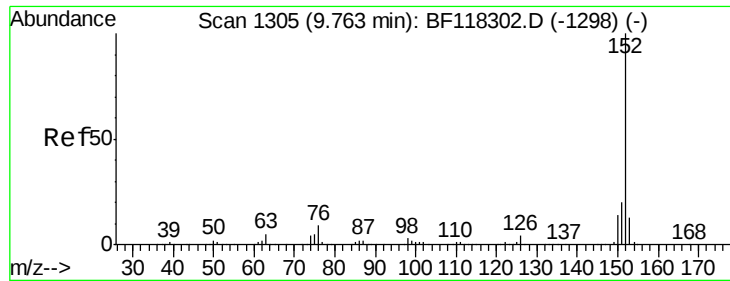
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	35.0	52.4
164	34.1	26.6	40.0



#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





#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

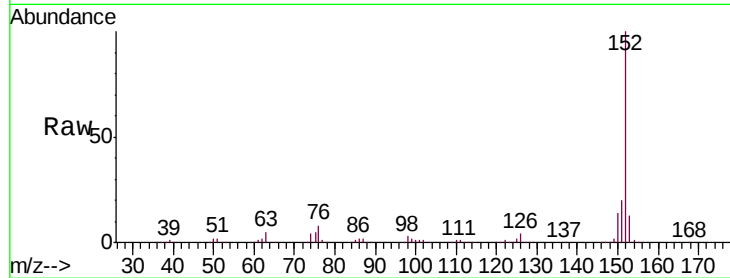
Tgt Ion:152 Resp: 631004

Ion Ratio Lower Upper

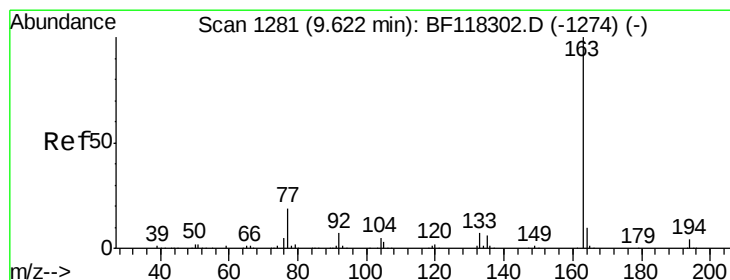
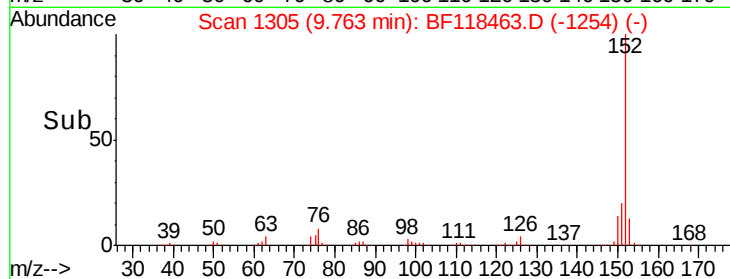
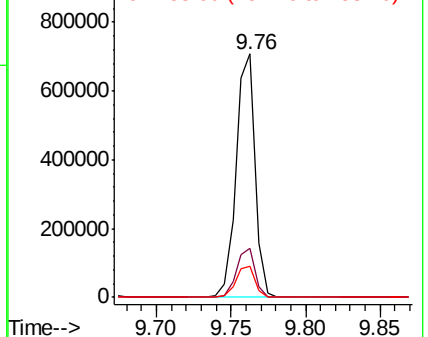
152 100

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

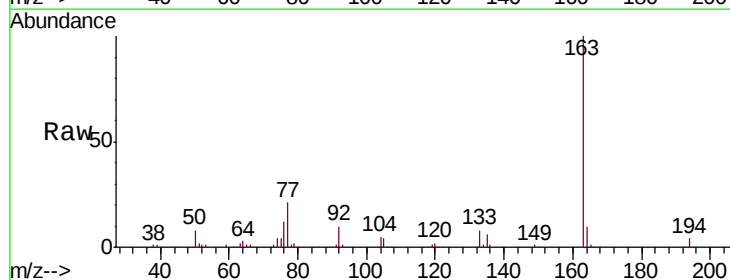
Tgt Ion:163 Resp: 491060

Ion Ratio Lower Upper

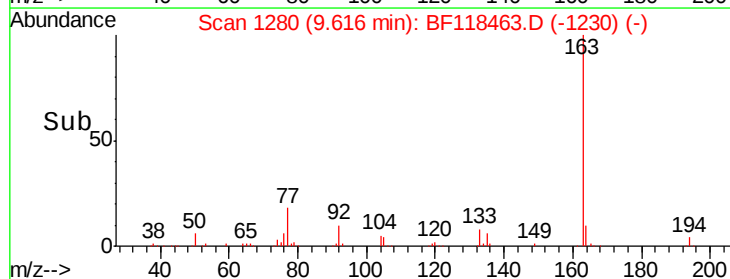
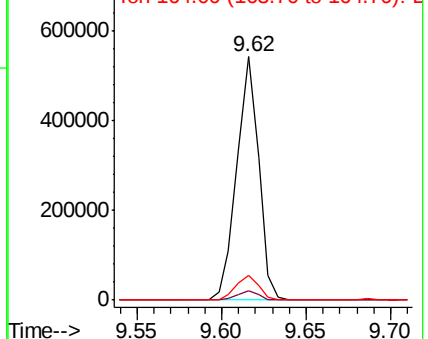
163 100

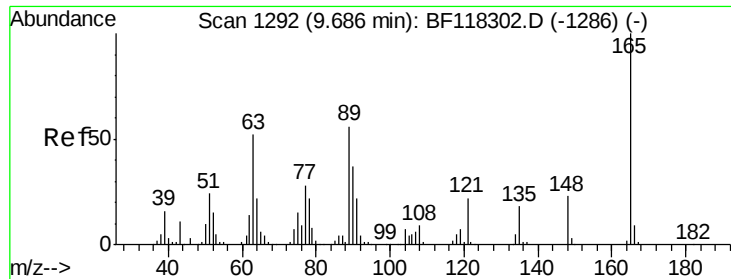
194 3.8 3.2 4.8

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

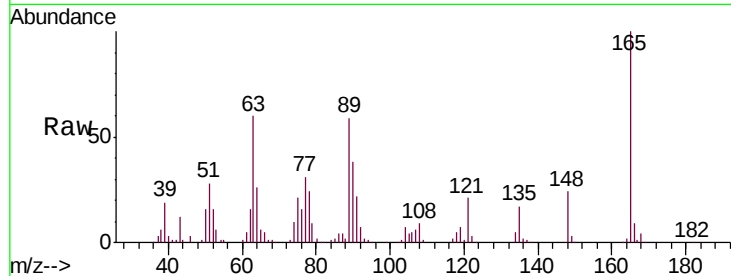
Tgt Ion:165 Resp: 106393

Ion Ratio Lower Upper

165 100

63 60.0 42.2 63.4

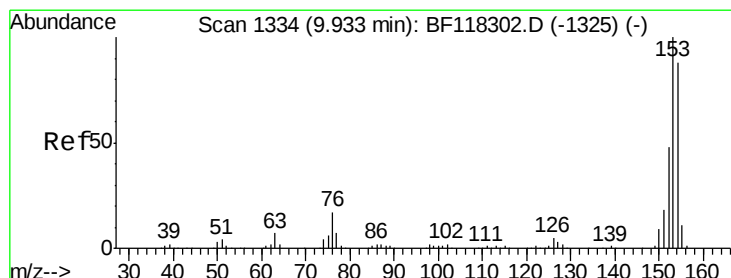
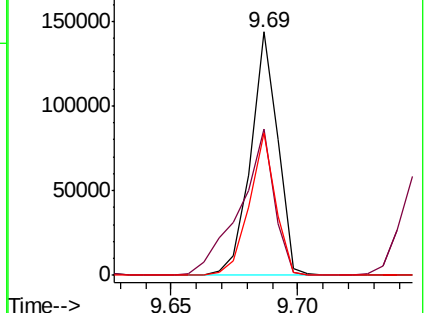
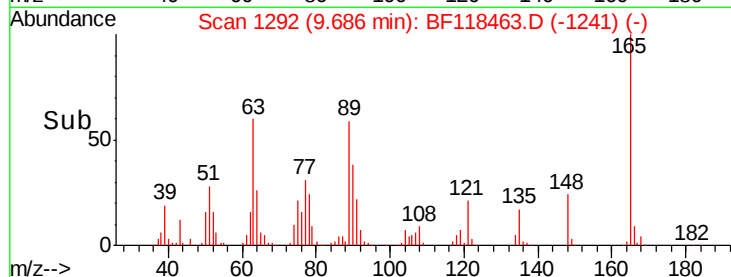
89 58.6 44.4 66.6



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

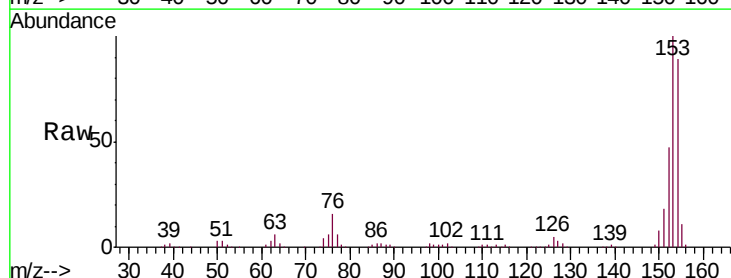
Tgt Ion:154 Resp: 377564

Ion Ratio Lower Upper

154 100

153 111.9 90.6 136.0

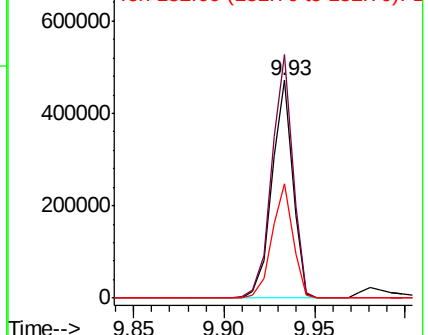
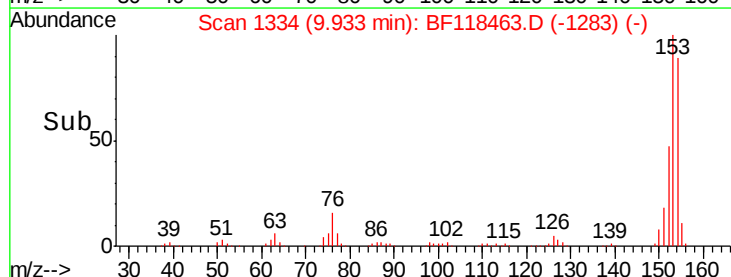
152 52.6 43.1 64.7

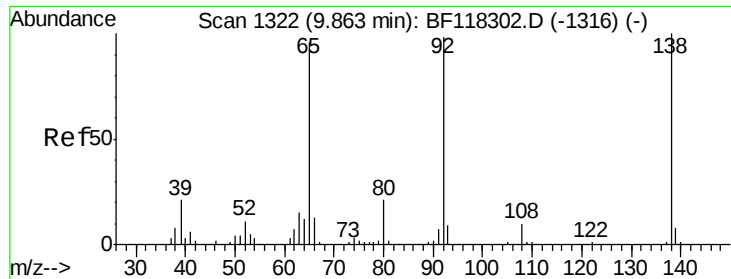


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

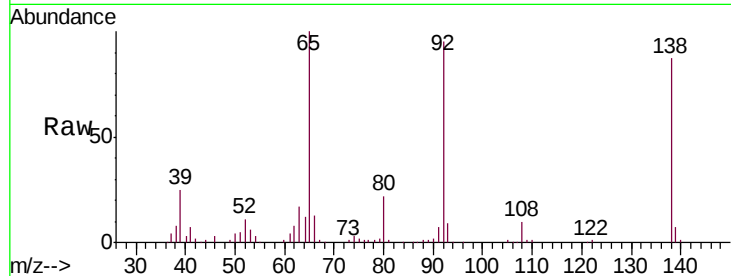




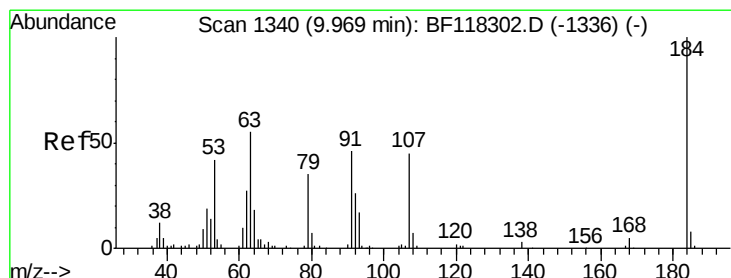
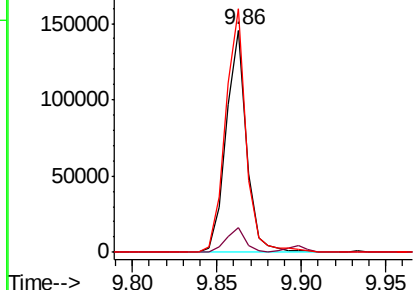
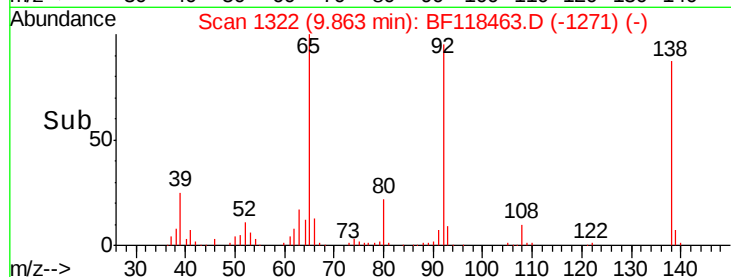
#53
3-Nitroaniline
Concen: 40.205 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

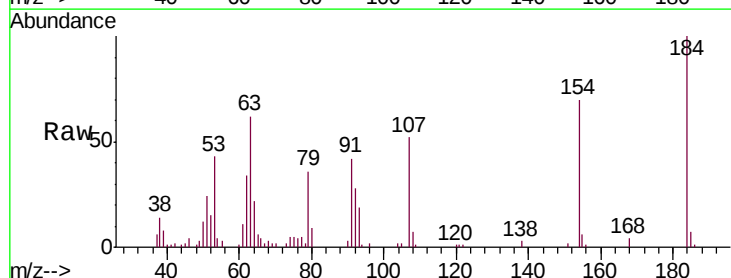


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

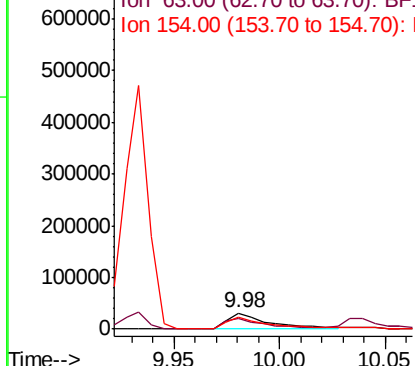
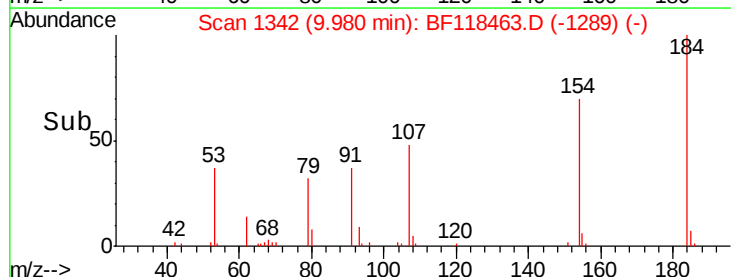


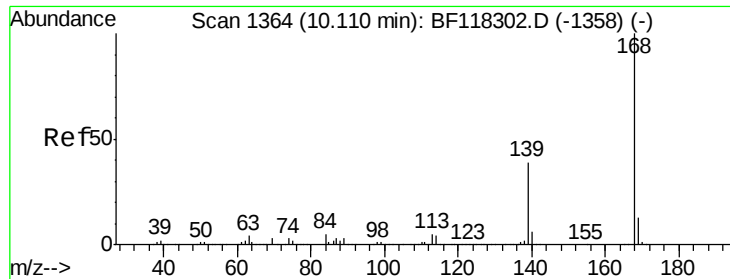
#54
2,4-Dinitrophenol
Concen: 35.527 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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

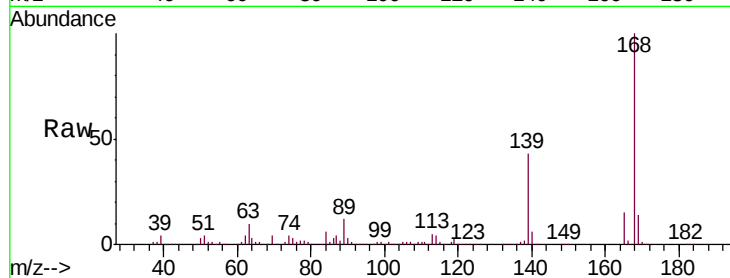




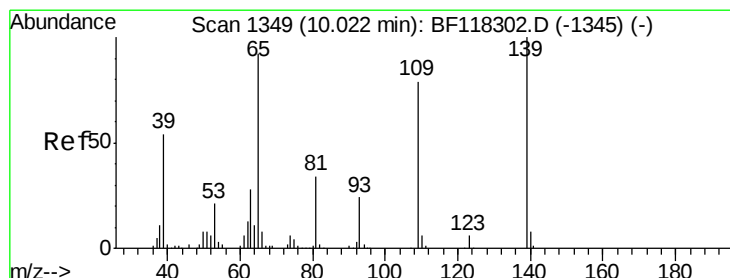
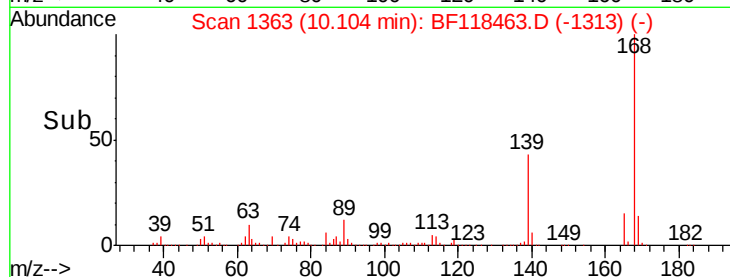
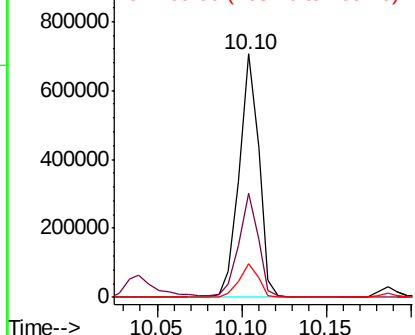
#55
Dibenzenofuran
Concen: 41.829 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

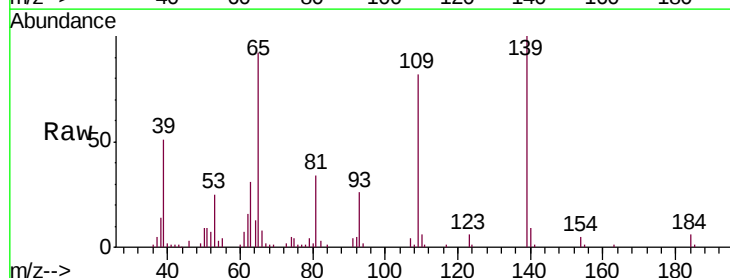


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

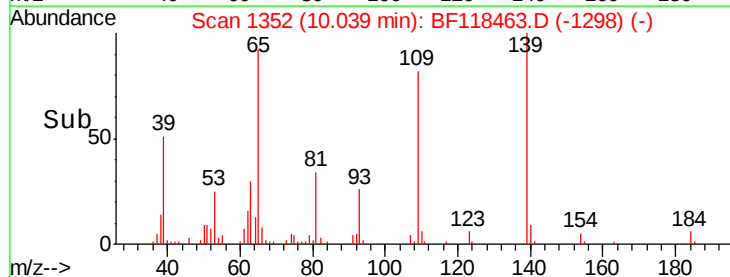
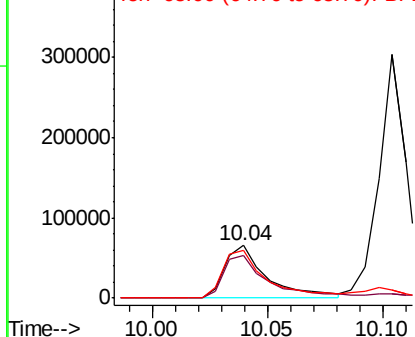


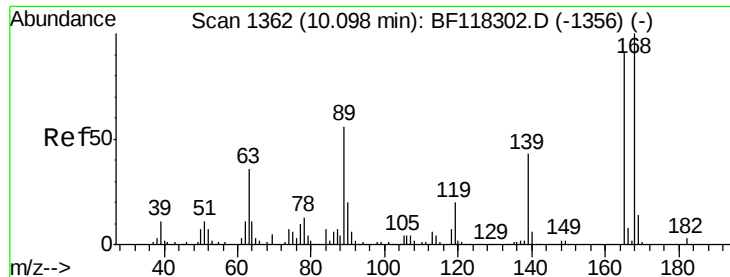
#56
4-Nitrophenol
Concen: 44.293 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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



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

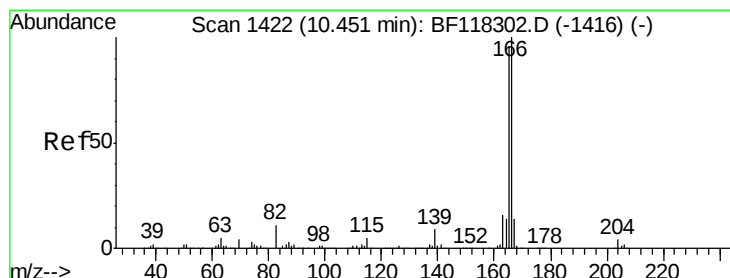
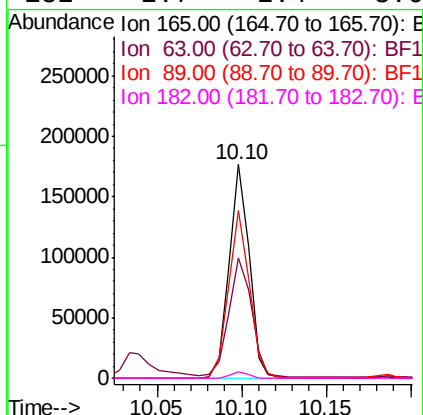
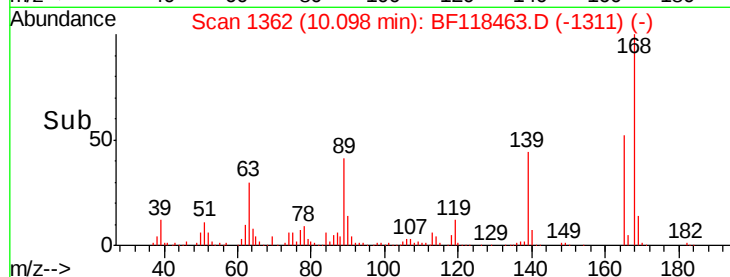
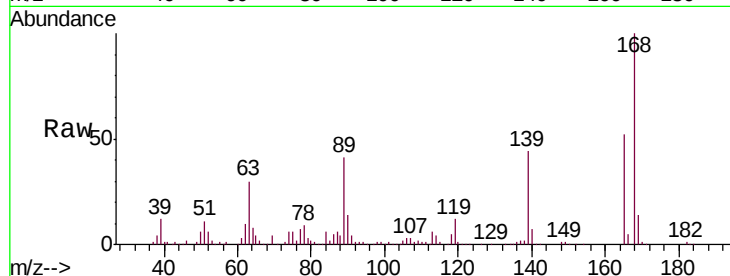




#57
2,4-Dinitrotoluene
Concen: 41.845 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

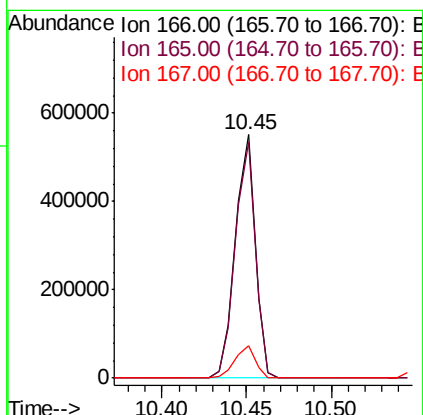
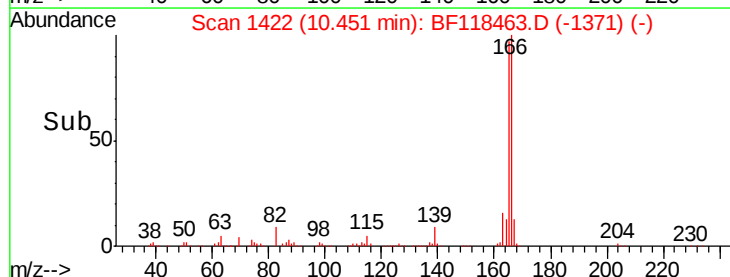
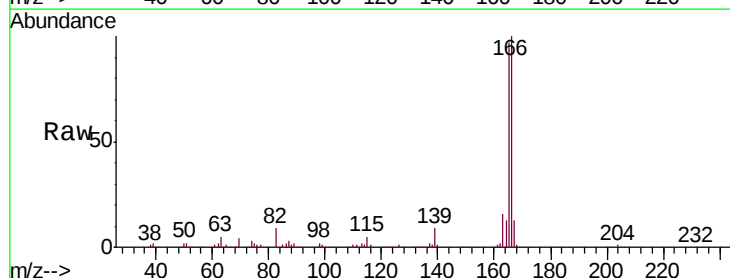
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

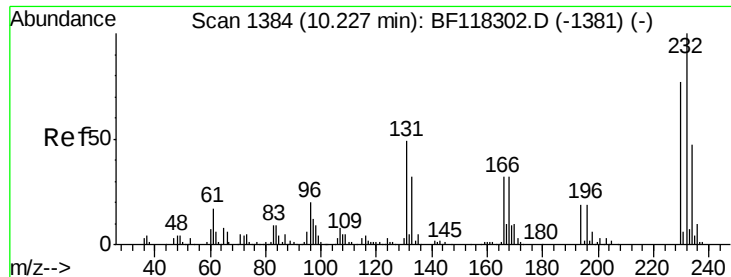
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.5	32.0	48.0#
89	78.7	49.3	73.9#
182	2.7	2.4	3.6



#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	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.4
167	13.3	10.9	16.3

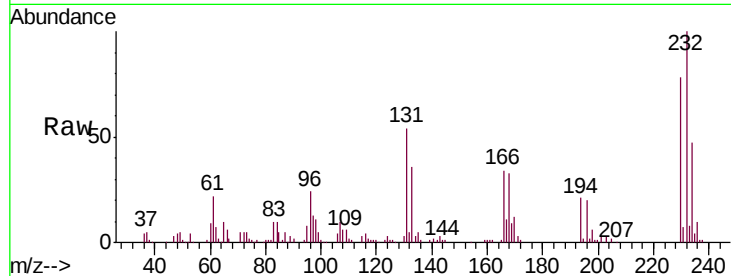




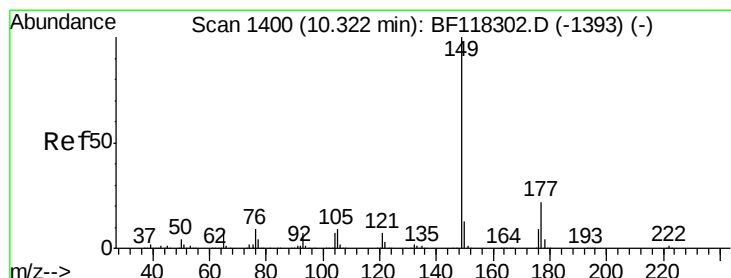
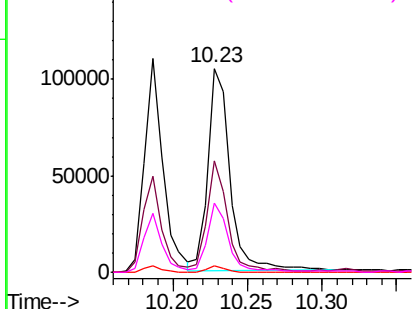
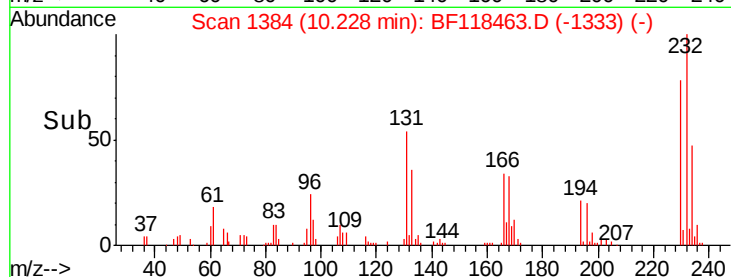
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.352 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt 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

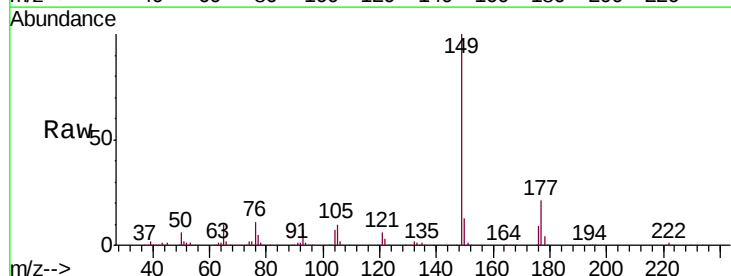


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

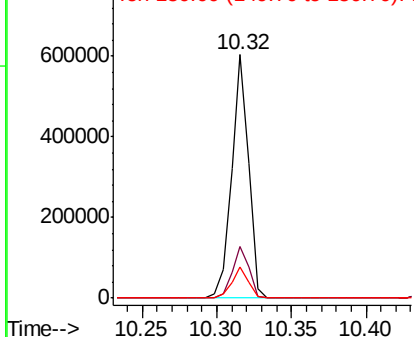
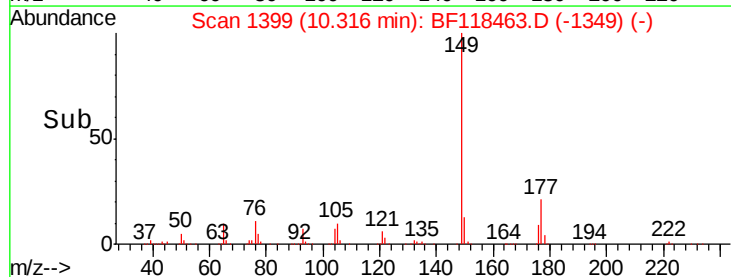


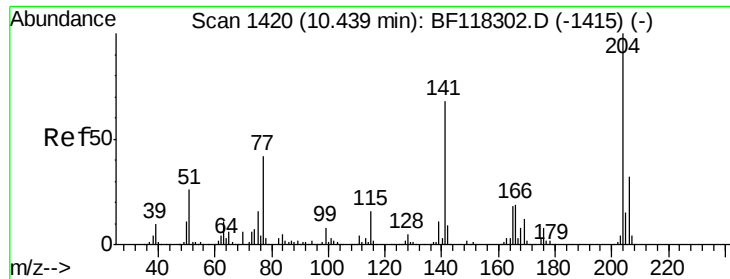
#60
 Diethylphthalate
 Concen: 40.546 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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

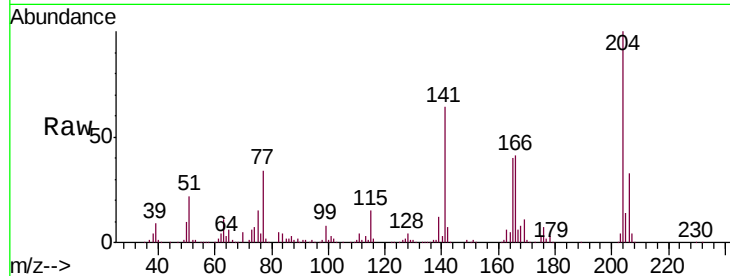




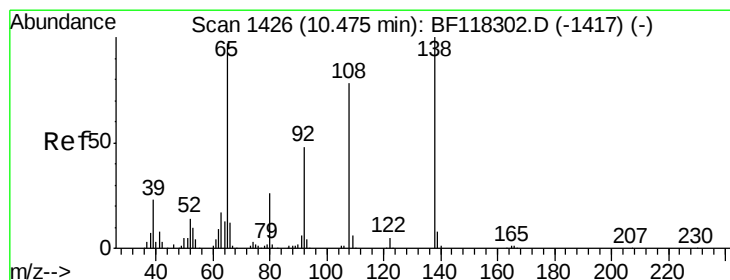
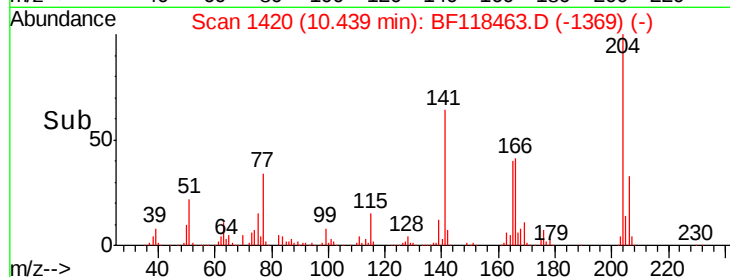
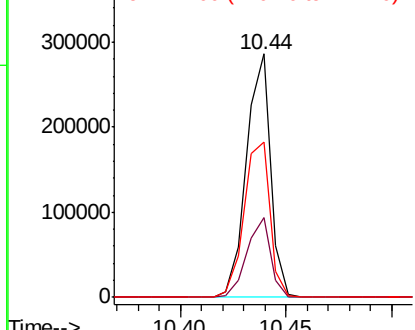
#61
 4-Chlorophenyl-phenylether
 Concen: 41.313 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

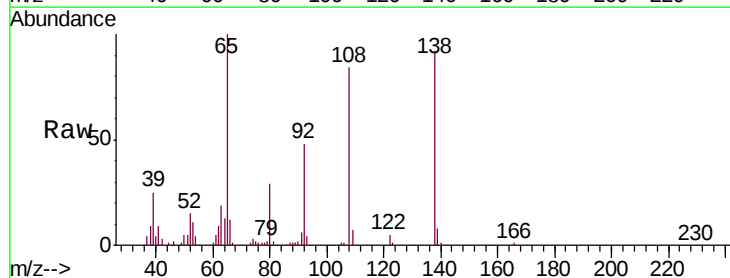


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

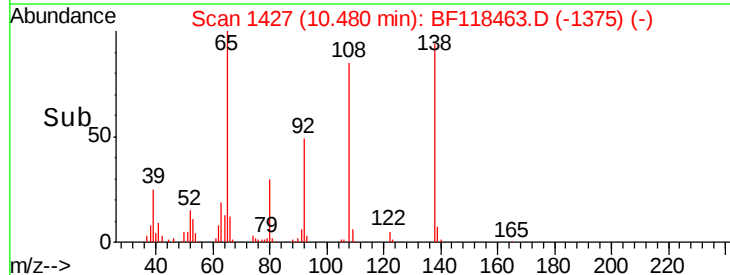
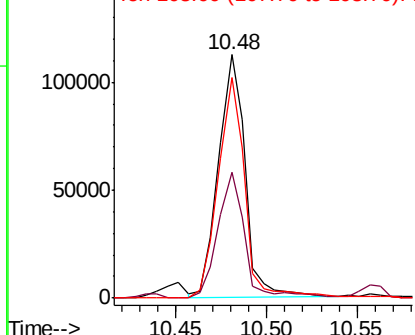


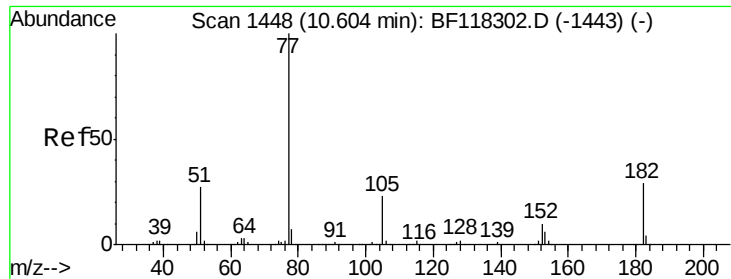
#62
 4-Nitroaniline
 Concen: 36.044 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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



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





#63

Azobenzene

Concen: 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

Tgt Ion: 77 Resp: 437741

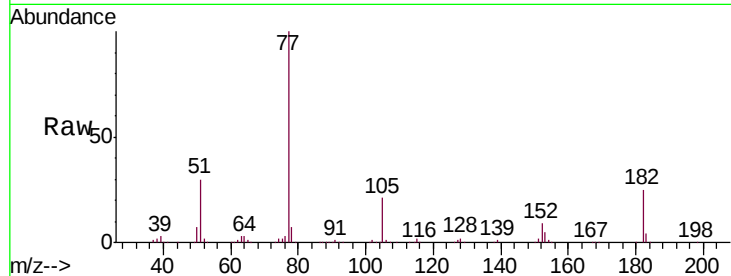
Ion Ratio Lower Upper

77 100

182 25.1 9.2 49.2

105 21.5 3.2 43.2

51 30.1 7.1 47.1

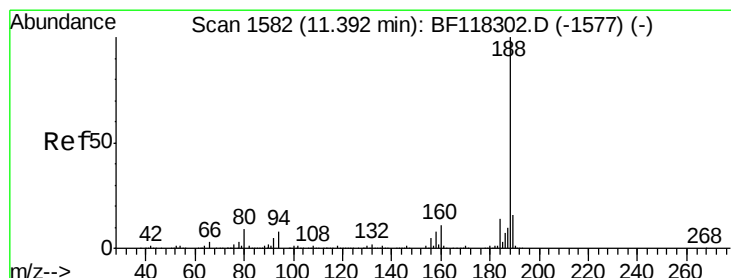
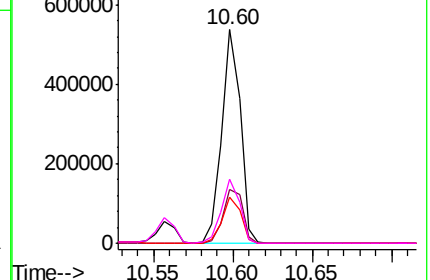
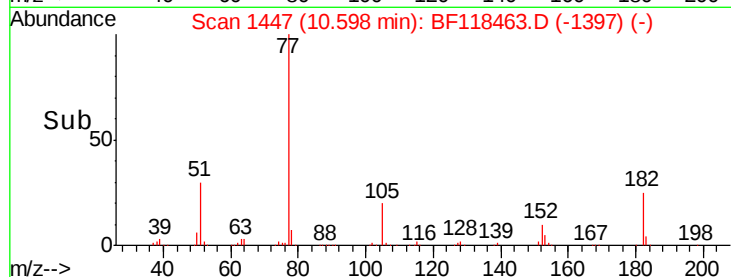


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

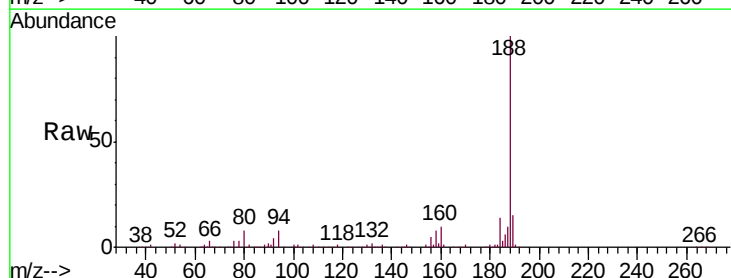
Tgt Ion: 188 Resp: 311256

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

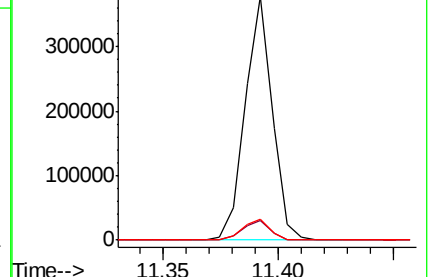
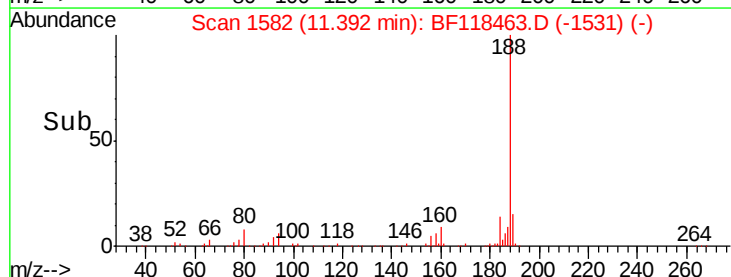
80 8.4 7.2 10.8

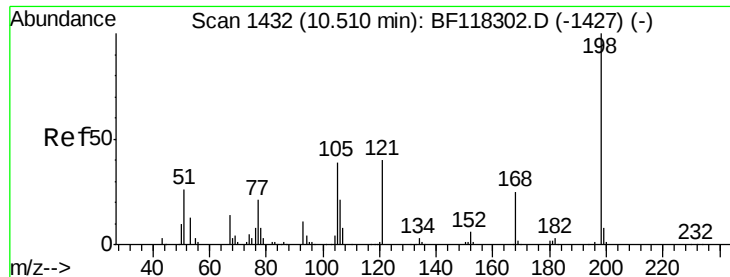


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

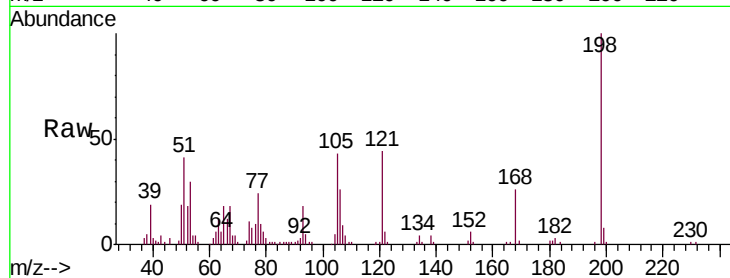




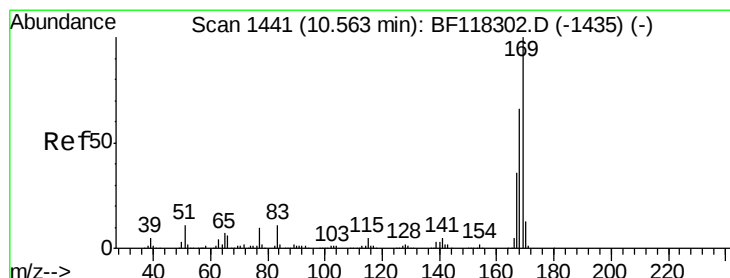
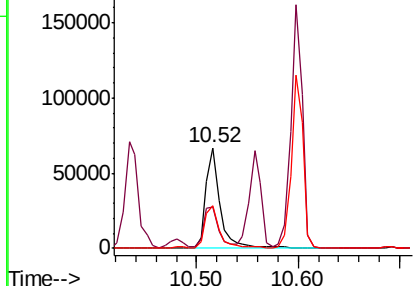
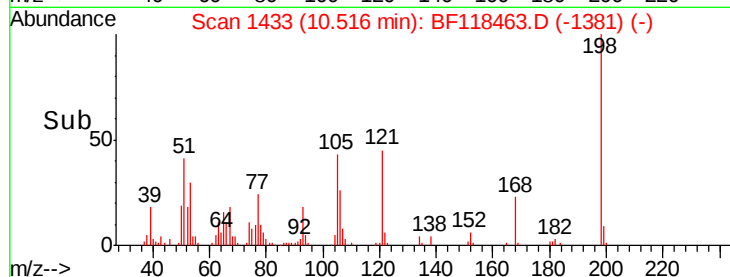
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.192 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

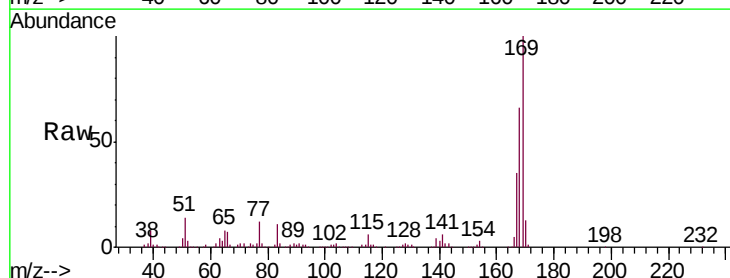


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

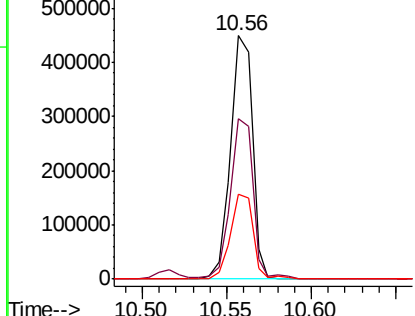
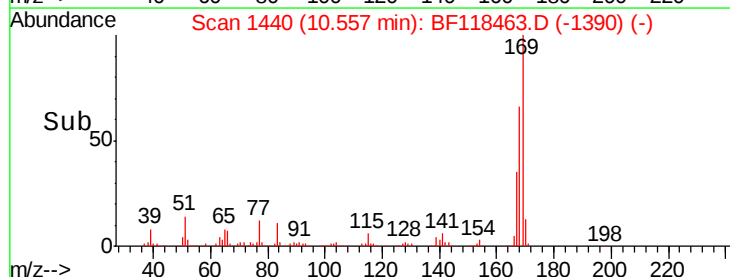


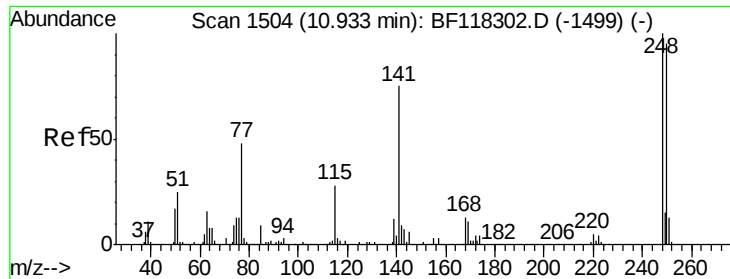
#66
 n-Nitrosodiphenylamine
 Concen: 40.604 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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

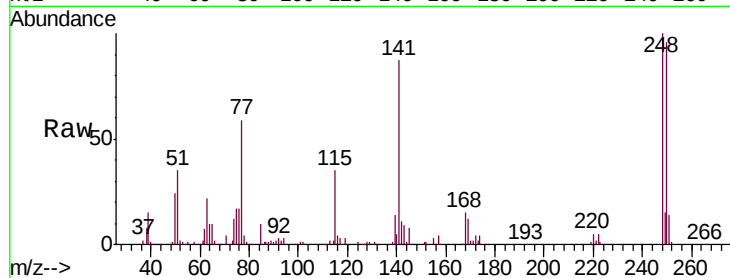




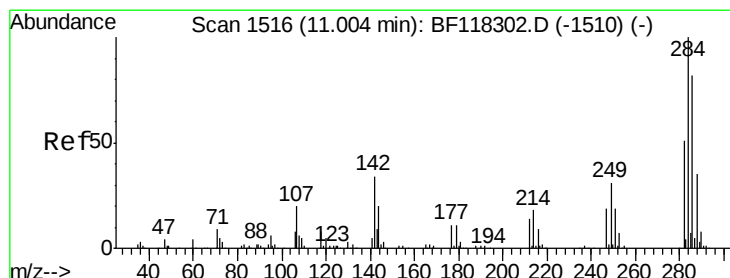
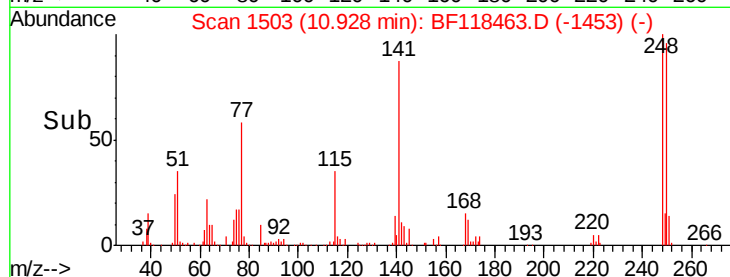
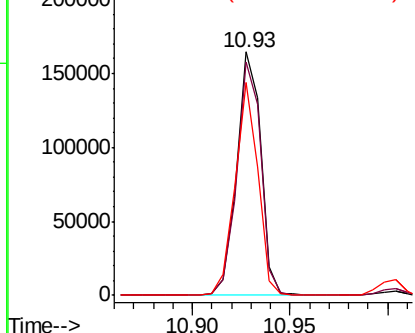
#67
4-Bromophenyl-phenylether
Concen: 38.523 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

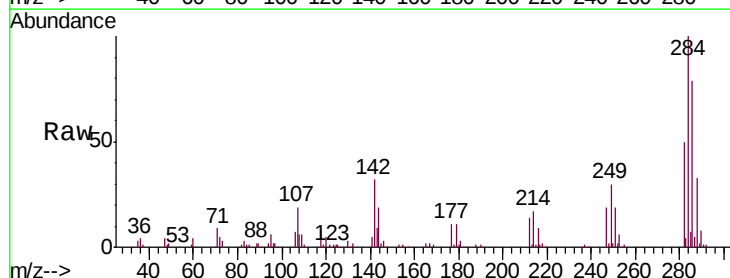


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

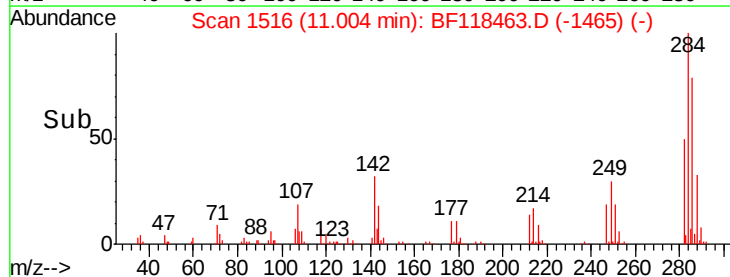
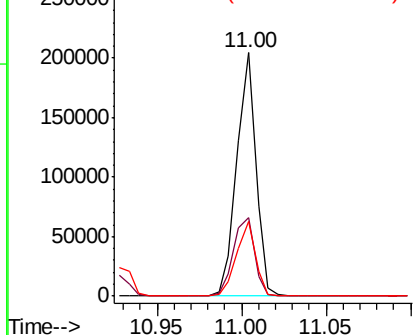


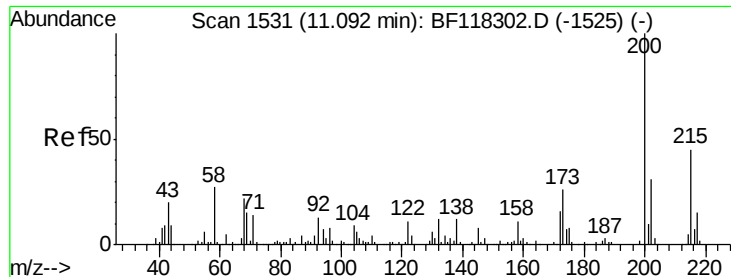
#68
Hexachlorobenzene
Concen: 37.794 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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

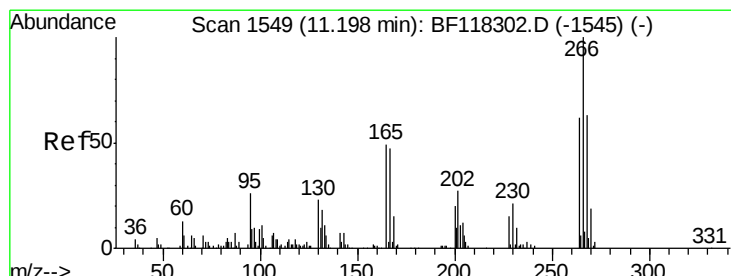
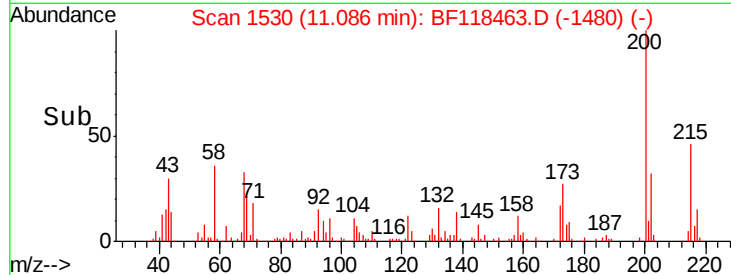
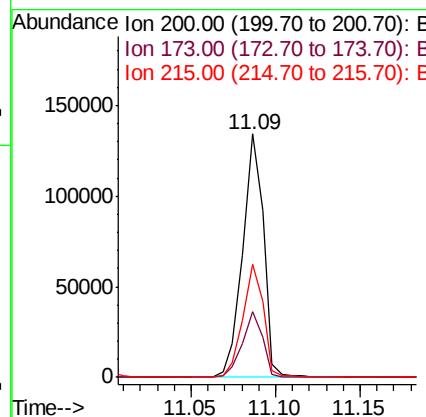
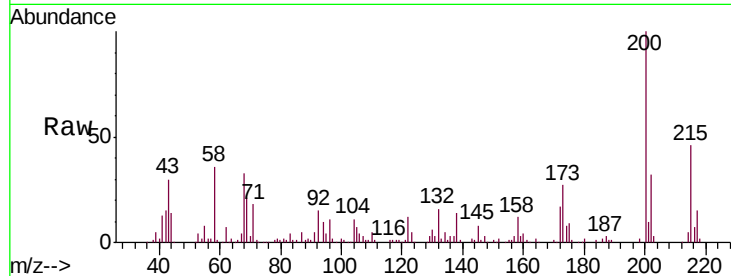




#69
Atrazine
Concen: 37.542 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

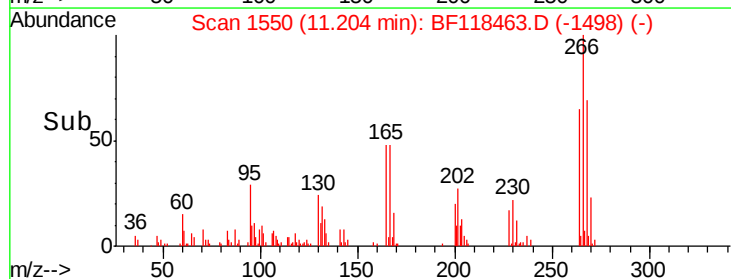
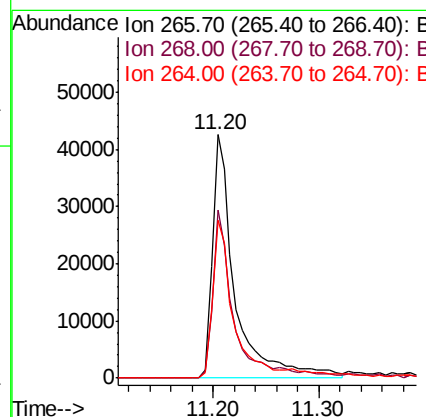
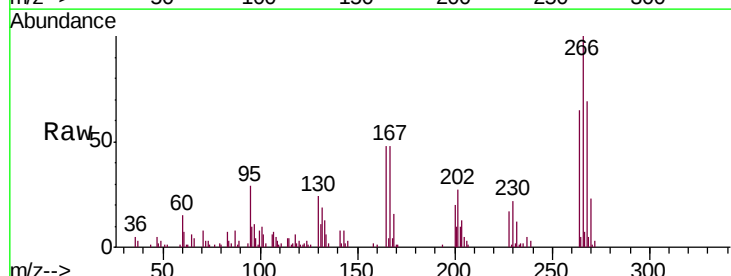
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

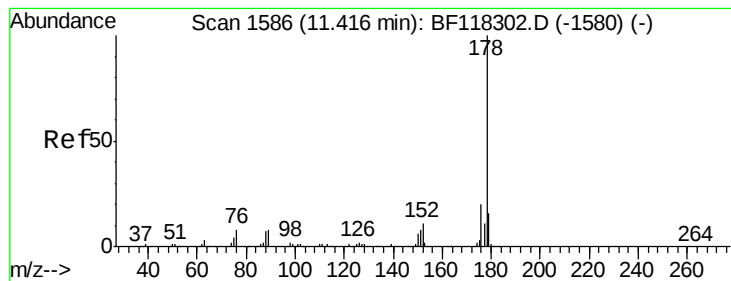
Tgt Ion:200 Resp: 115585
Ion Ratio Lower Upper
200 100
173 27.0 5.8 45.8
215 46.4 25.1 65.1



#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





#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

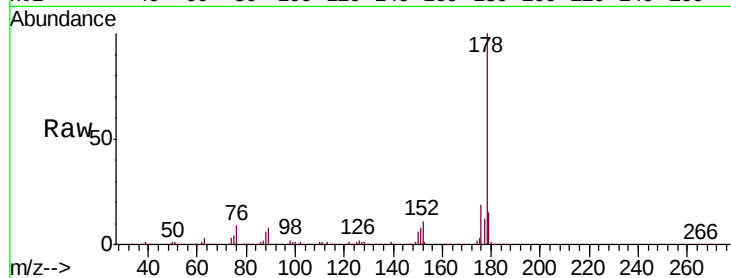
Tgt Ion:178 Resp: 675416

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

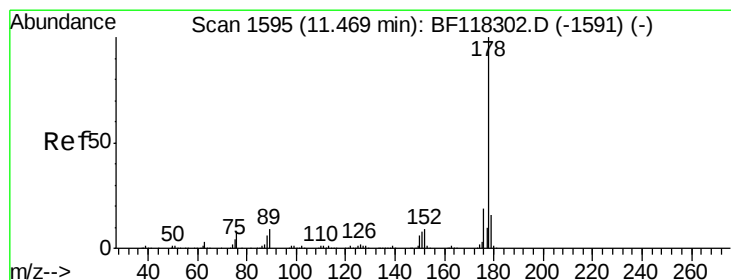
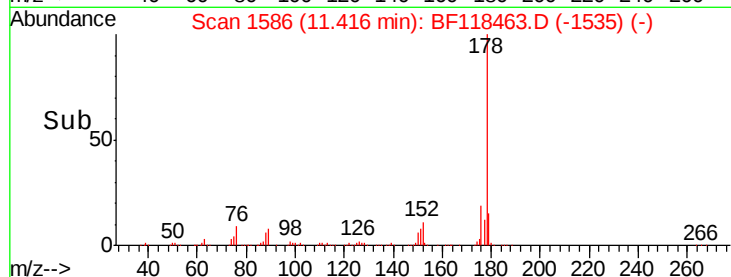
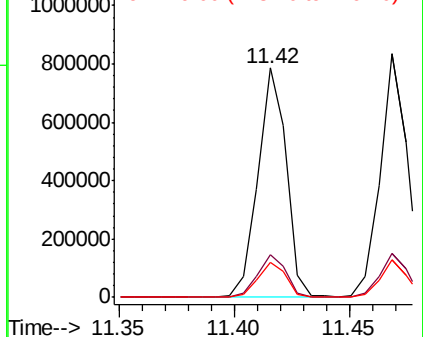
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 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

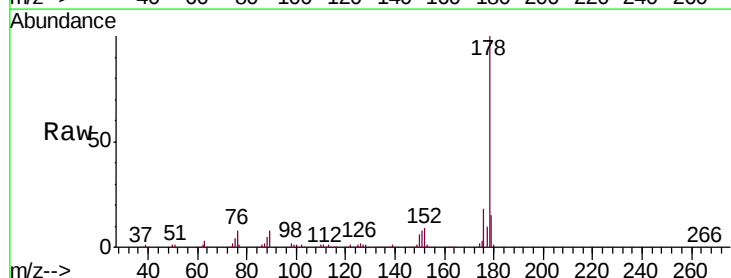
Tgt Ion:178 Resp: 682238

Ion Ratio Lower Upper

178 100

176 18.2 15.2 22.8

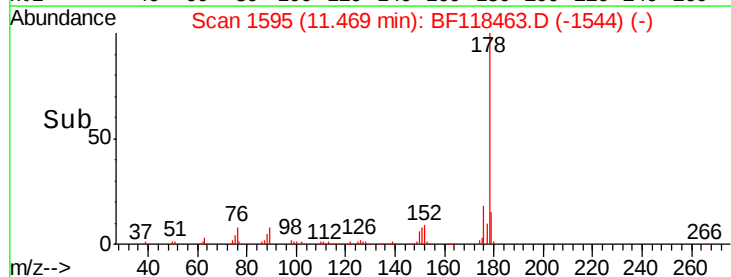
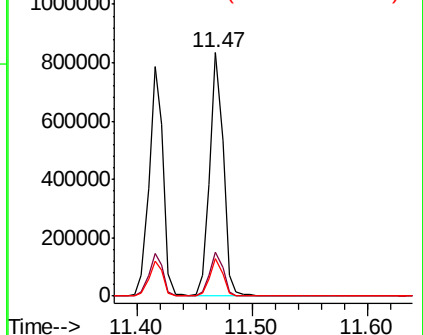
179 15.4 12.9 19.3

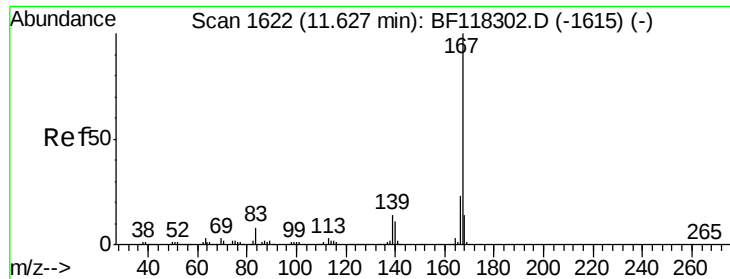


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

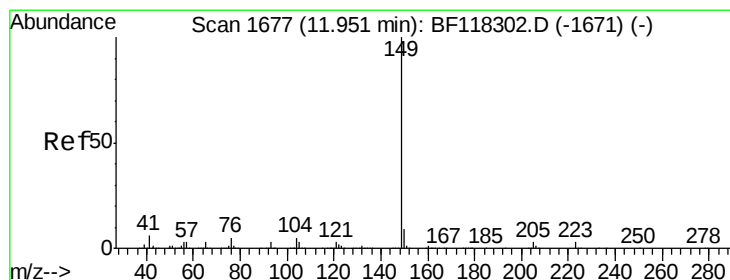
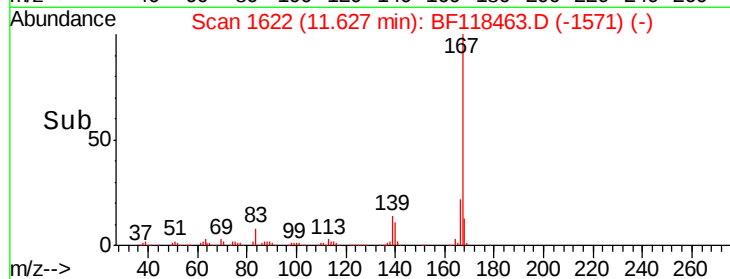
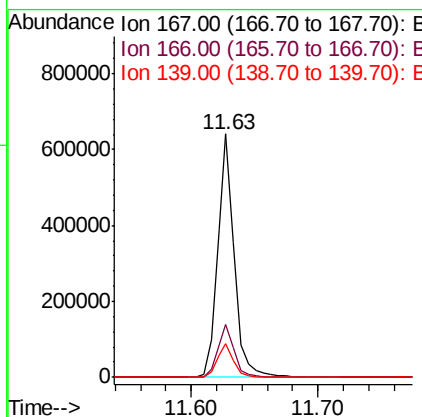
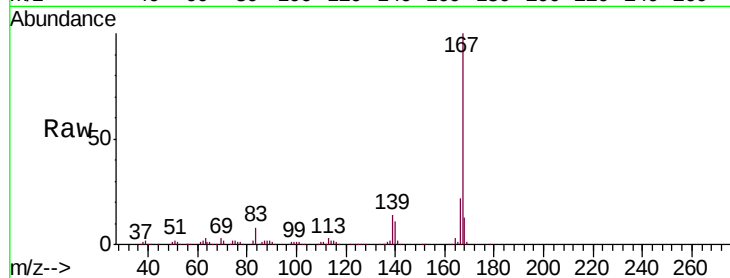




#73
 Carbazole
 Concen: 39.043 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

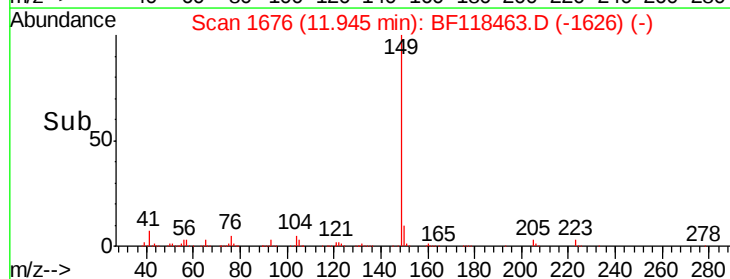
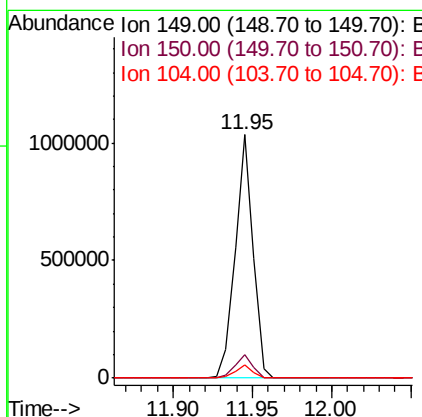
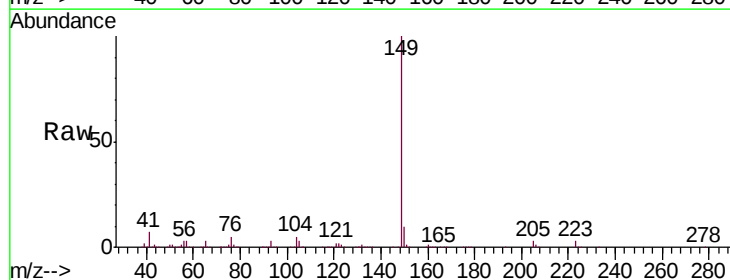
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

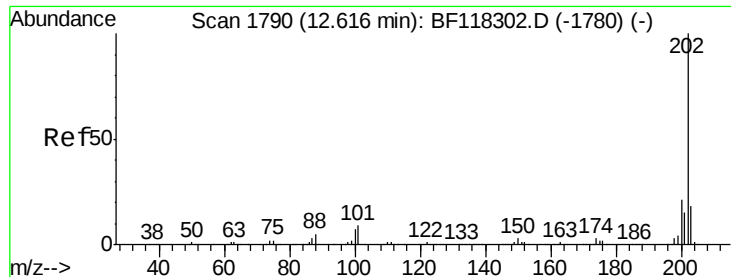
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	14.0	11.5	17.3



#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

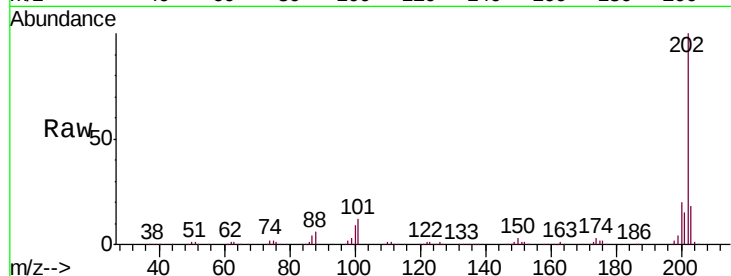




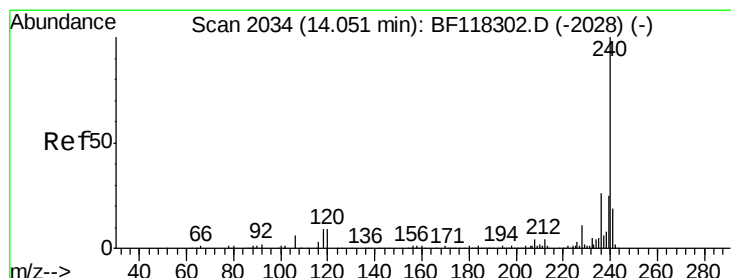
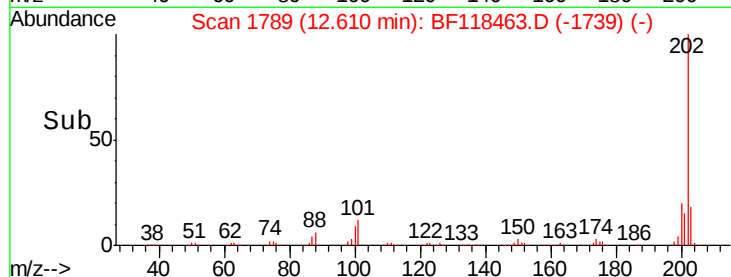
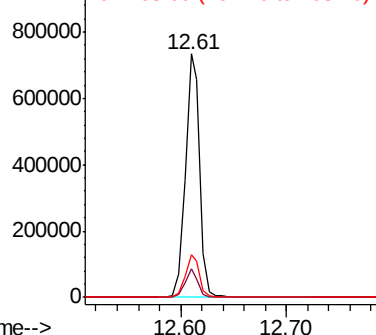
#75
 Fluoranthene
 Concen: 41.002 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

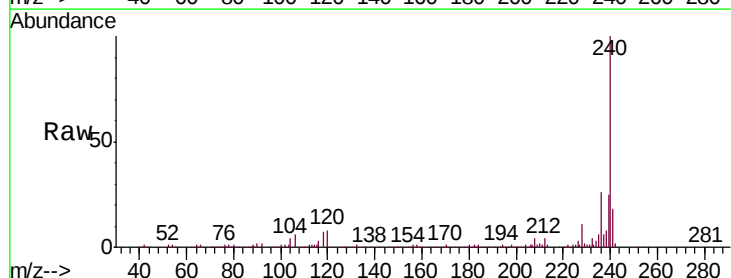


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

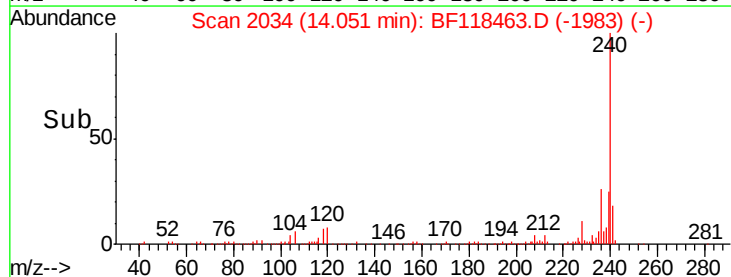
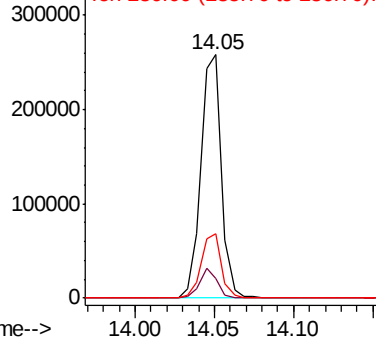


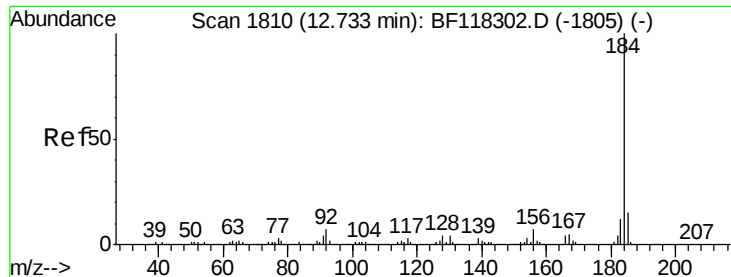
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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

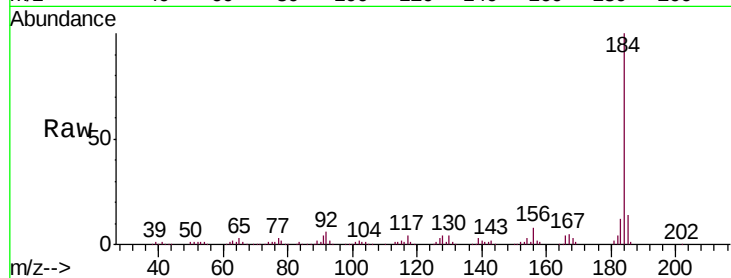
Tgt Ion:184 Resp: 252458

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

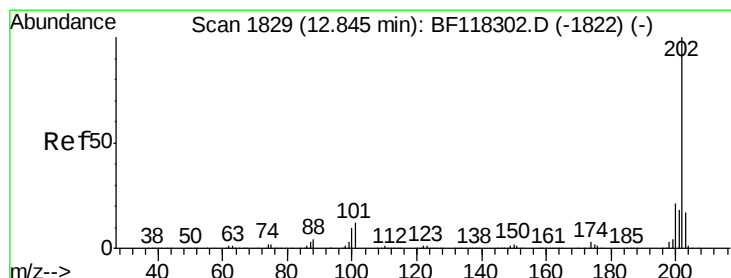
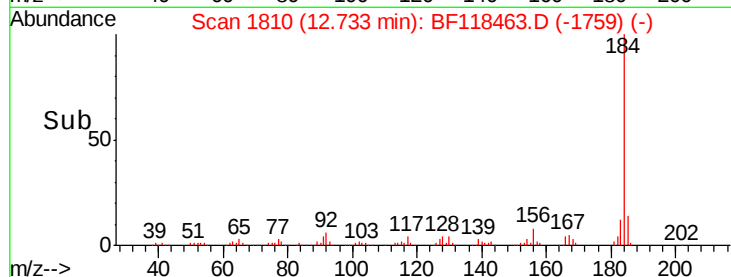
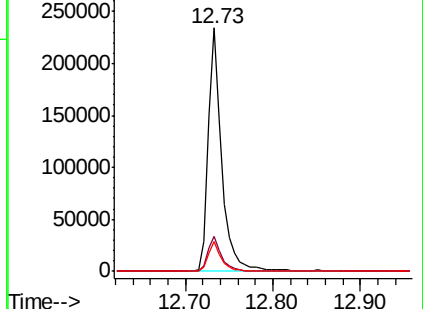
183 12.2 9.4 14.2



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

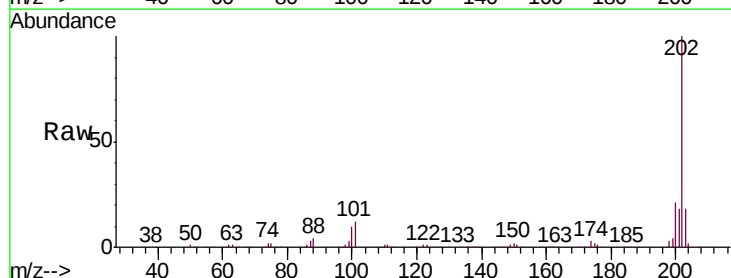
Tgt Ion:202 Resp: 692139

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

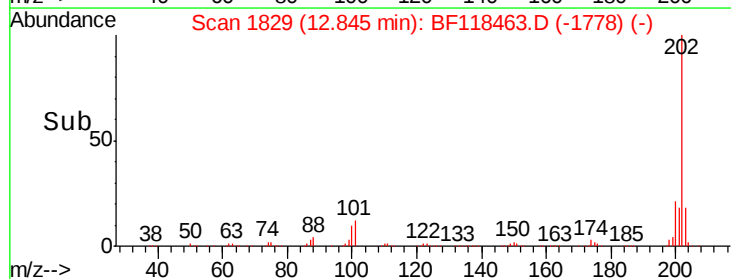
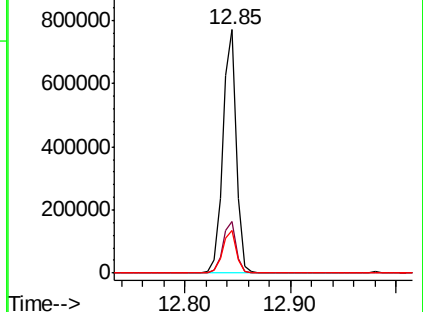
203 17.8 13.9 20.9

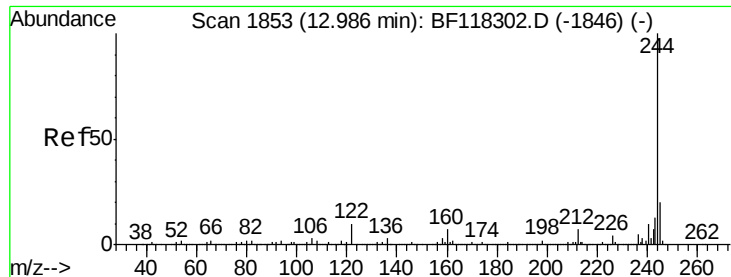


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

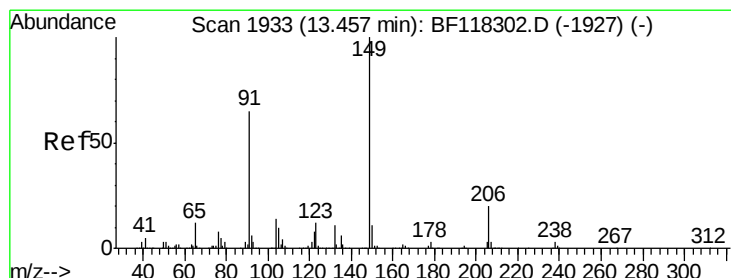
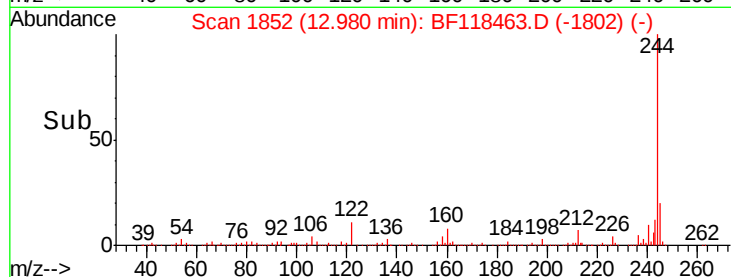
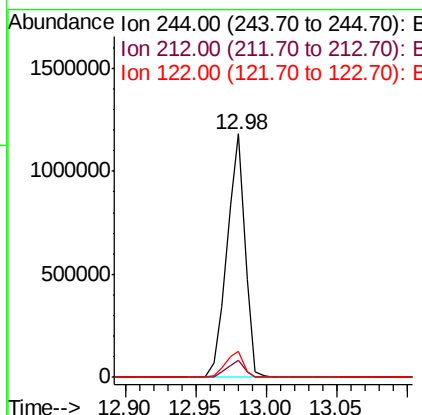
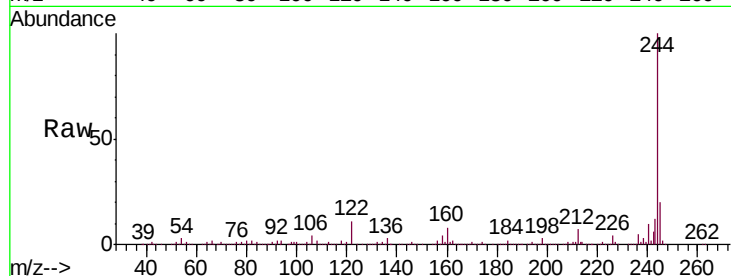




#79
 Terphenyl-d14
 Concen: 74.849 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

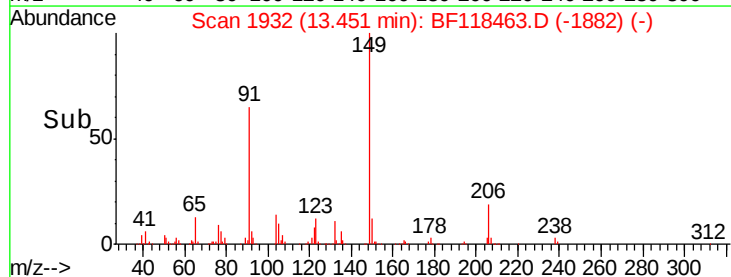
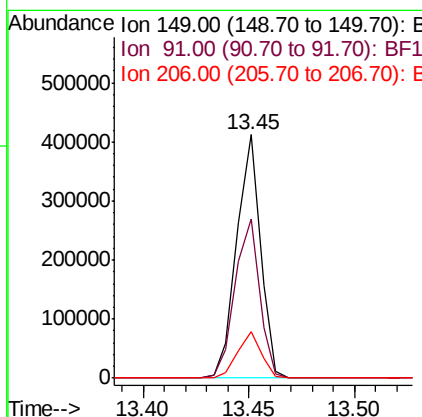
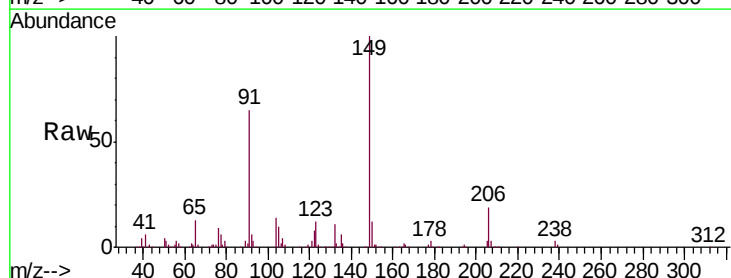
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

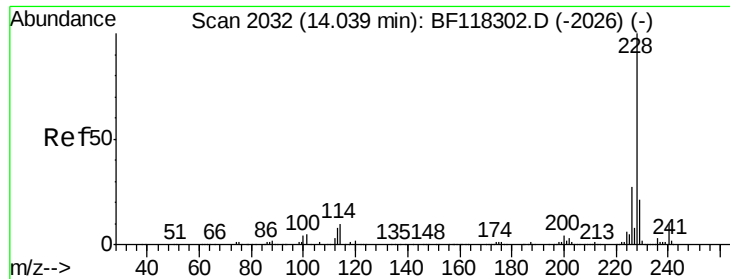
Tgt Ion:244 Resp: 1044051
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.7 7.8 11.8



#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

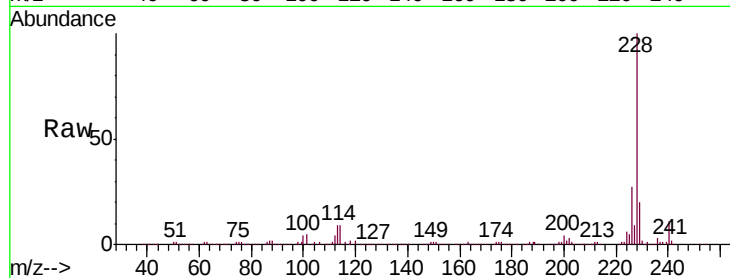




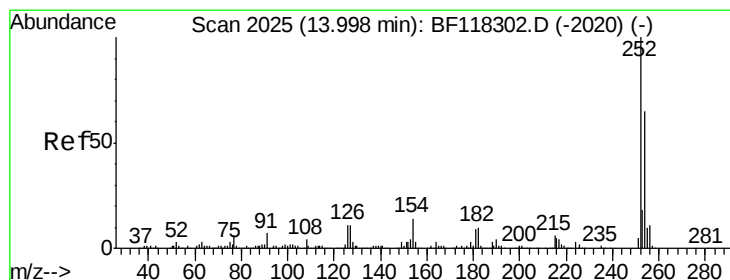
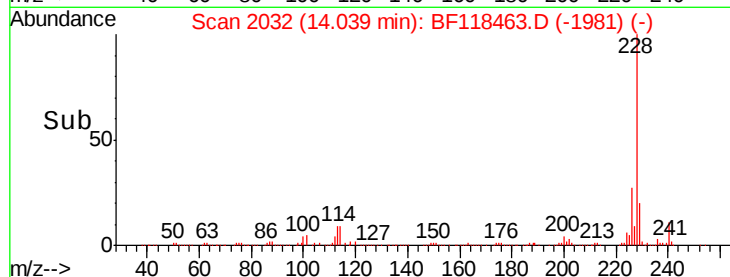
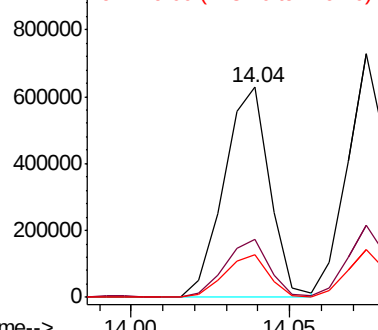
#81
Benzo(a)anthracene
Concen: 38.868 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

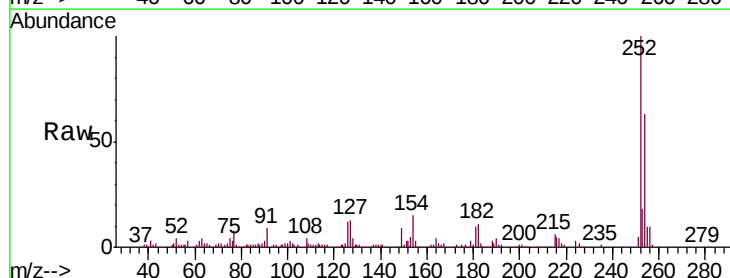


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

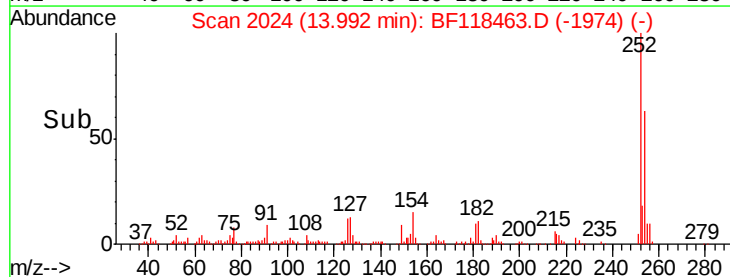
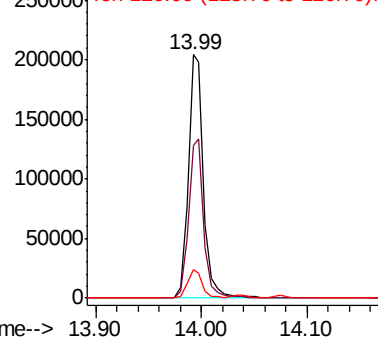


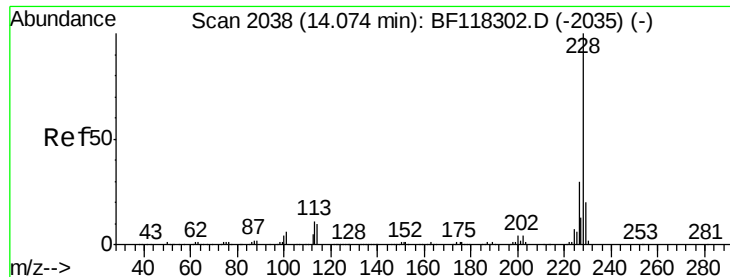
#82
3,3'-Dichlorobenzidine
Concen: 37.759 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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

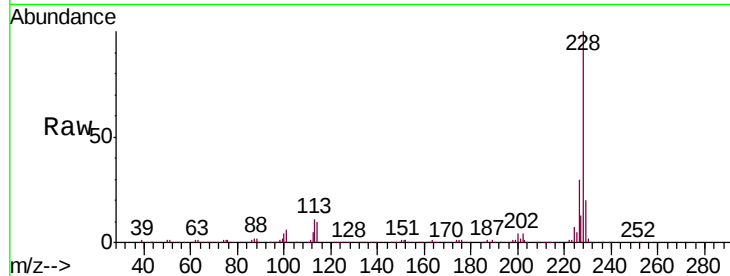




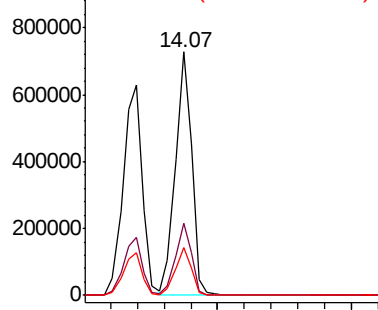
#83
Chrysene
Concen: 40.017 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

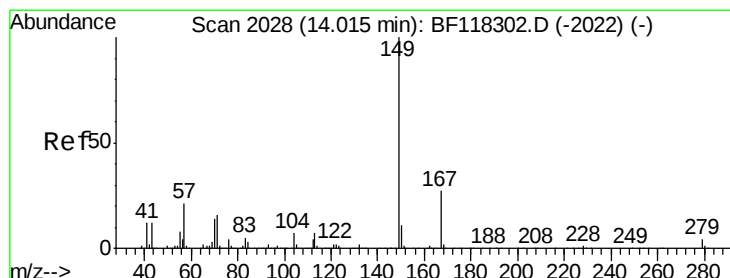
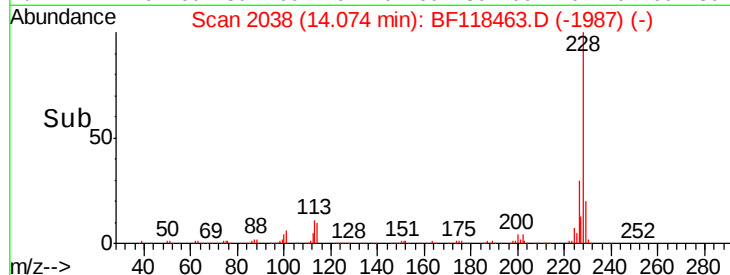
Tgt Ion:228 Resp: 620677
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.8 16.1 24.1



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

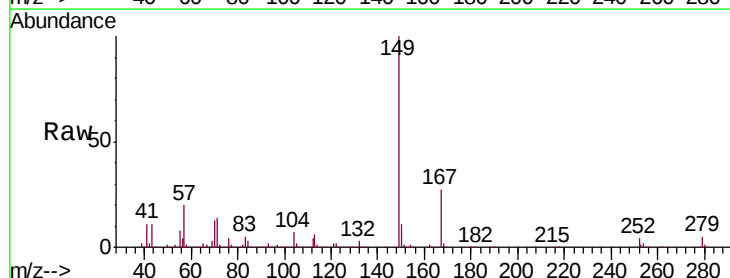


Time-->

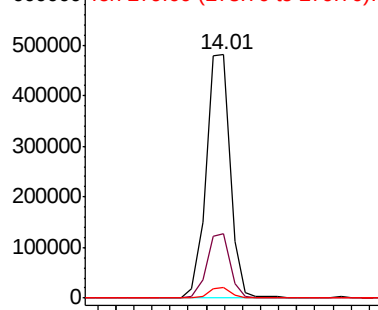


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.886 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

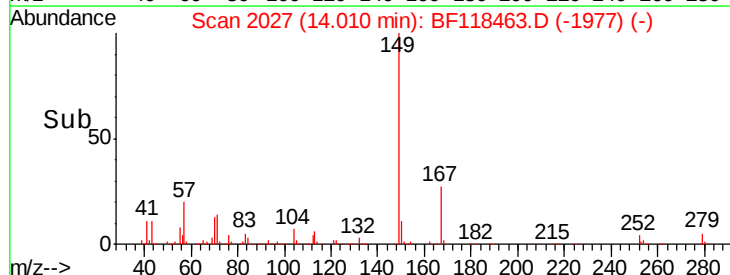
Tgt Ion:149 Resp: 446259
Ion Ratio Lower Upper
149 100
167 26.6 21.3 31.9
279 4.6 3.4 5.2

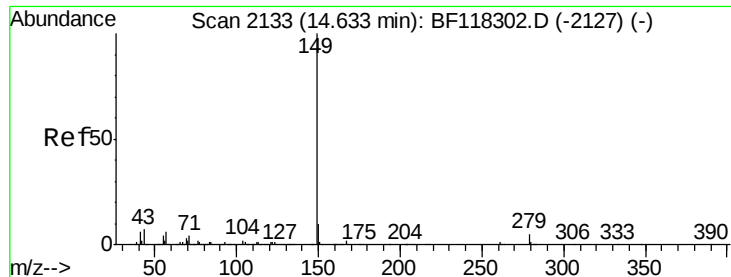


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->

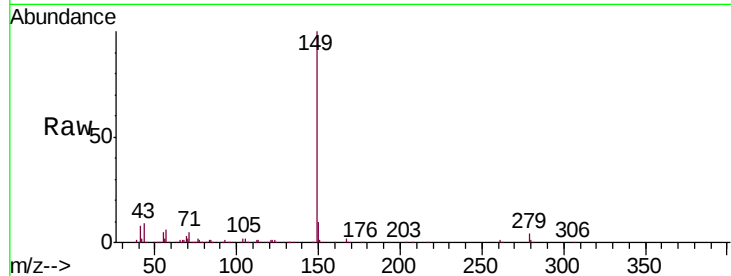




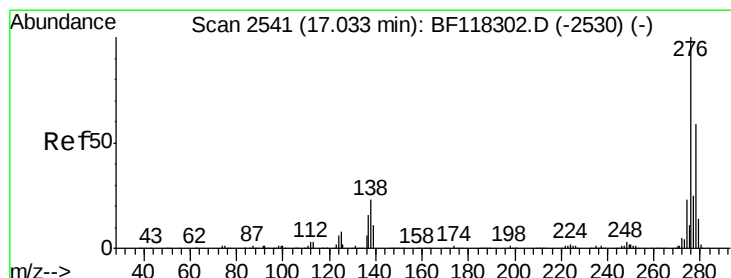
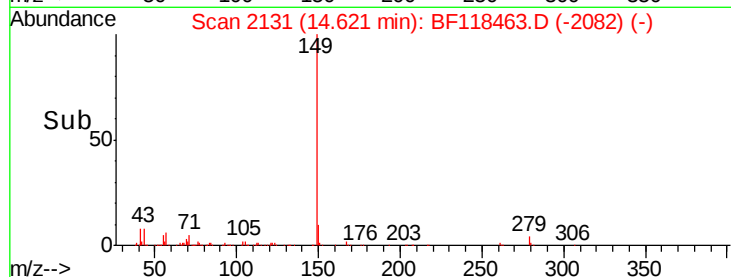
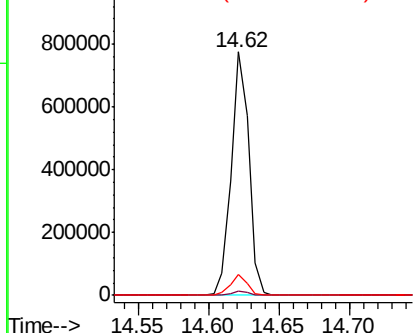
#85
 Di-n-octyl phthalate
 Concen: 40.930 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

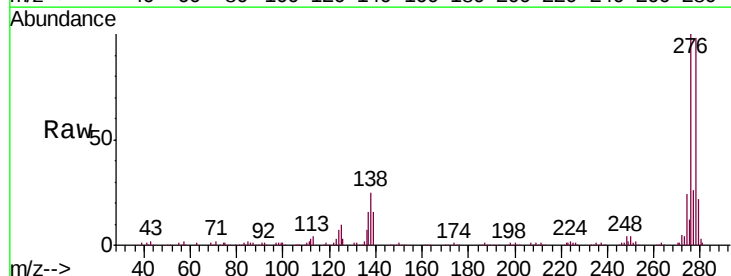


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

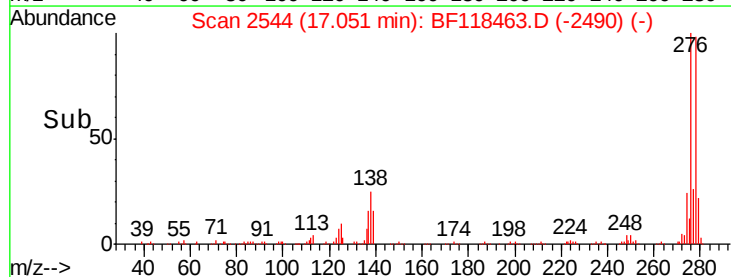
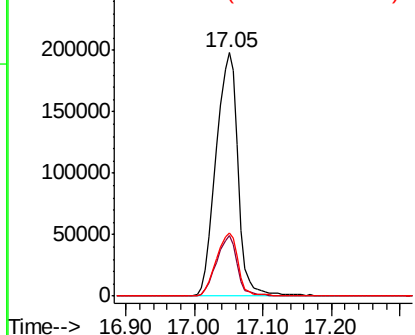


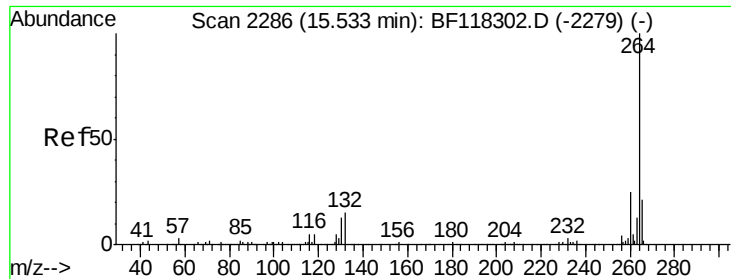
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 33.517 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.02 min
 Lab File: BF118463.D
 Acq: 3 Jan 2020 18:01

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



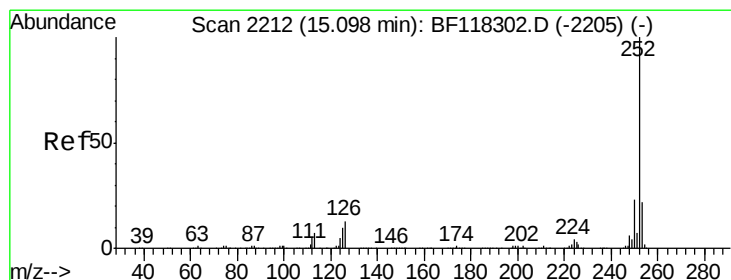
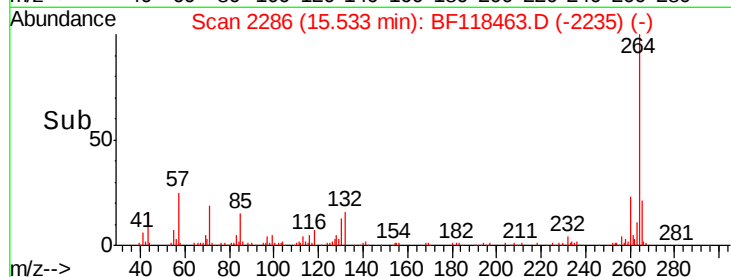
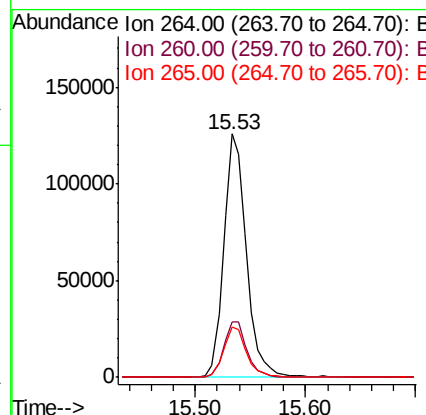
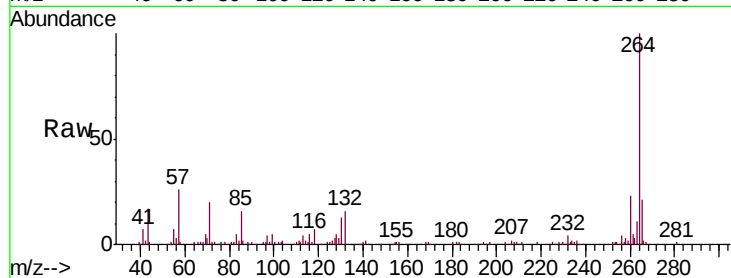


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:264 Resp: 179109

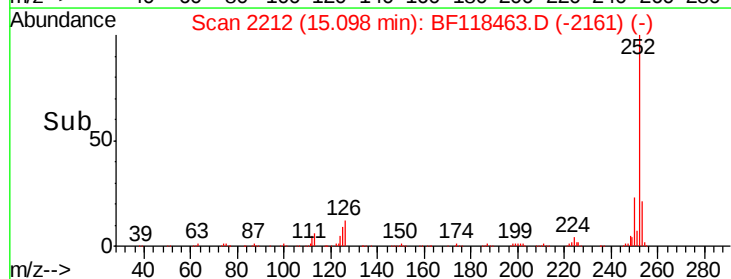
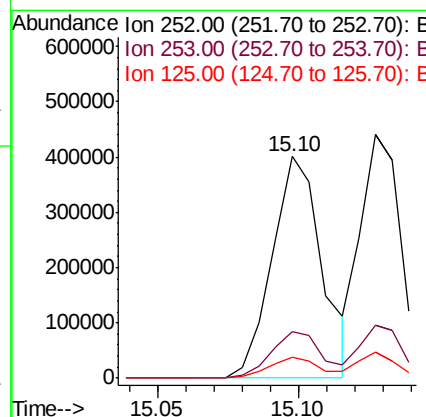
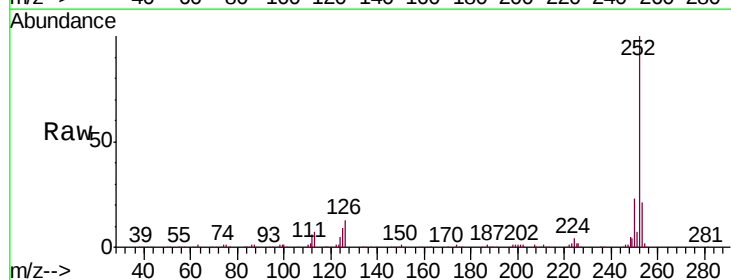
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.8	29.6
265	20.9	17.0	25.4

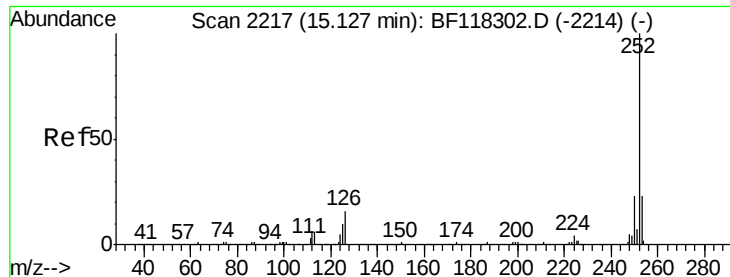


#88
Benzo(b)fluoranthene
Concen: 41.304 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

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

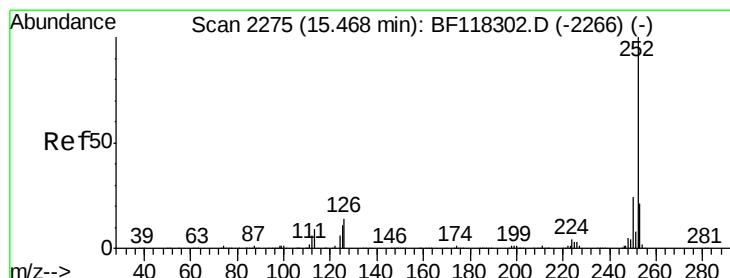
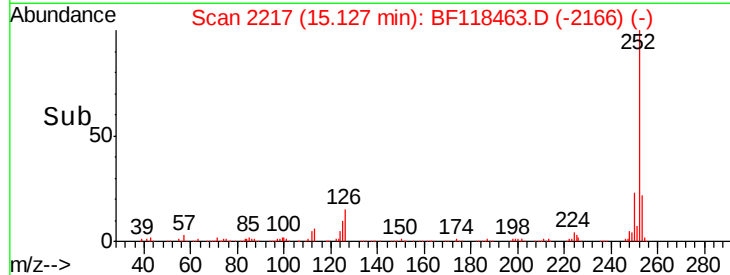
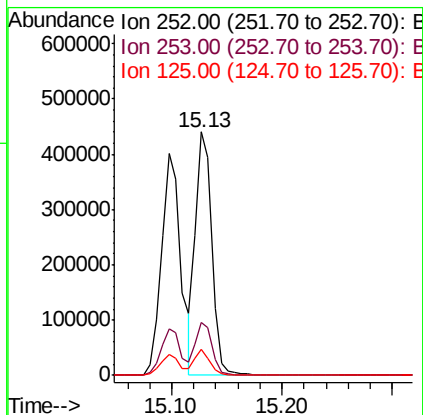
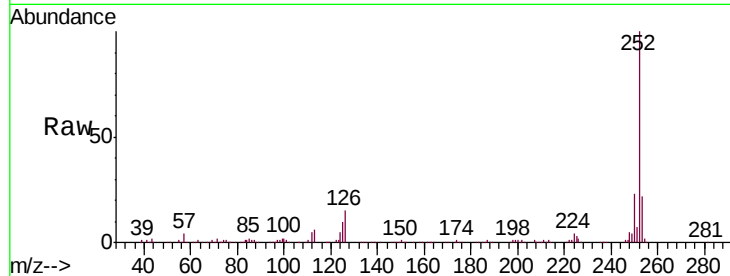




#89
Benzo(k)fluoranthene
Concen: 38.968 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118463.D
Acq: 3 Jan 2020 18:01

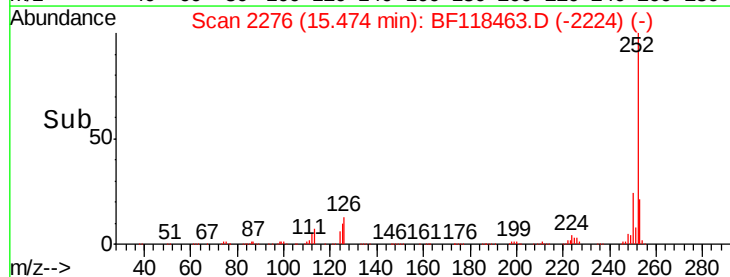
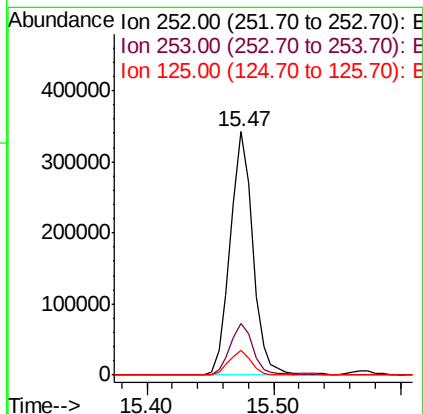
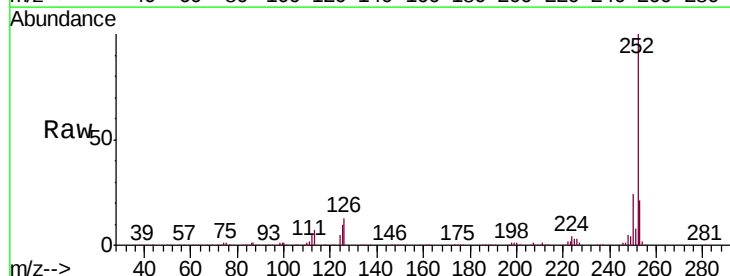
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

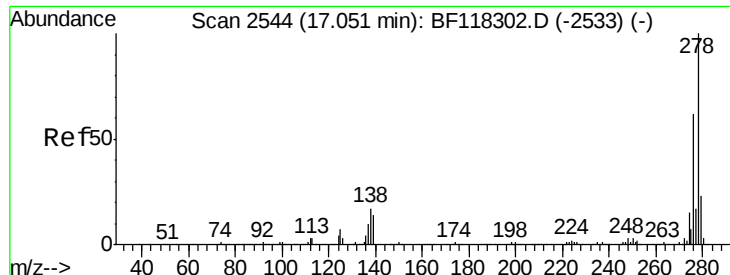
Tgt Ion:252 Resp: 444845
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.5 8.0 12.0



#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

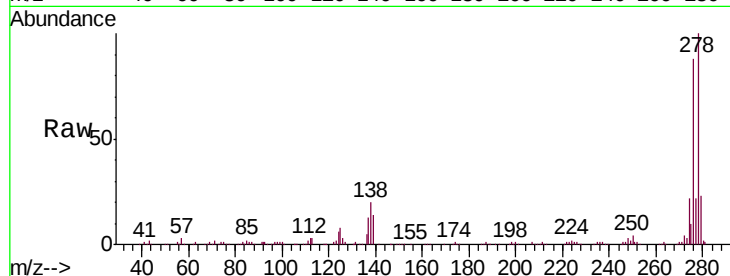
Tgt Ion:278 Resp: 368608

Ion Ratio Lower Upper

278 100

139 14.0 11.5 17.3

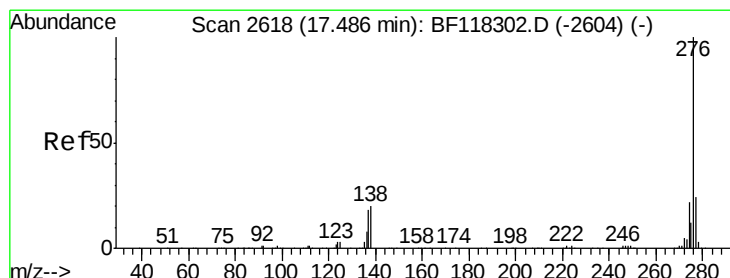
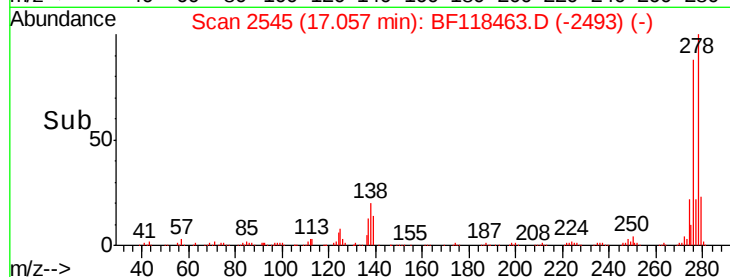
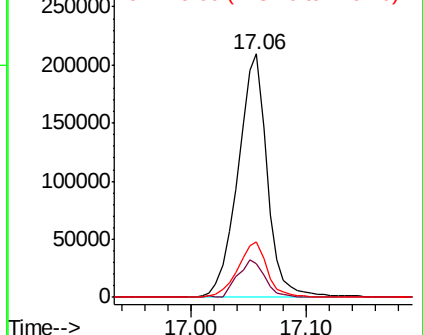
279 22.5 18.3 27.5



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

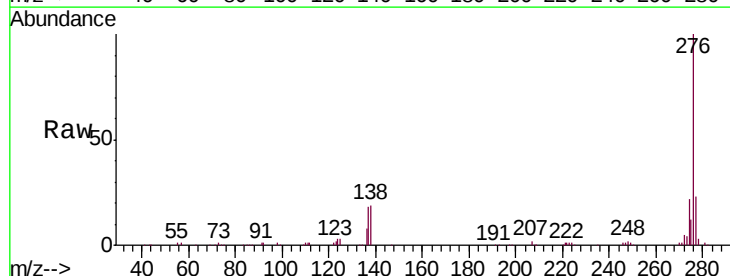
Tgt Ion:276 Resp: 332540

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

