

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BFCCC02.D
 Acq On : 13 Jan 2020 14:42
 Operator : JU
 Sample : STDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:30:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92640	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	402948	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	217184	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	428799	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	276715	20.00	ng	-0.02
87) Perylene-d12	15.49	264	249986	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	492382	87.74	ng	-0.01
7) Phenol-d6	6.46	99	684333	101.99	ng	-0.01
23) Nitrobenzene-d5	7.39	82	617223	80.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	225319	87.92	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1277181	84.34	ng	-0.02
79) Terphenyl-d14	12.94	244	1599294	91.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	77491	41.418	ng	99
3) Pyridine	3.28	79	228753	45.422	ng	98
4) n-Nitrosodimethylamine	3.25	42	121794	48.260	ng	89
6) Aniline	6.49	93	429941	51.537	ng	97
8) 2-Chlorophenol	6.61	128	304386	49.608	ng	99
9) Benzaldehyde	6.37	77	170644	45.685	ng	99
10) Phenol	6.47	94	385581	51.862	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	261260	49.290	ng	98
12) 1,3-Dichlorobenzene	6.76	146	321452	44.815	ng	97
13) 1,4-Dichlorobenzene	6.83	146	334933	45.764	ng	96
14) 1,2-Dichlorobenzene	6.99	146	310111	43.848	ng	99
15) Benzyl Alcohol	6.97	79	246554	45.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	268619	45.684	ng	83
17) 2-Methylphenol	7.09	107	228163	45.247	ng	94
18) Hexachloroethane	7.33	117	127017	45.803	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	204105	47.231	ng	99
20) 3+4-Methylphenols	7.24	107	308957	45.168	ng	95
22) Acetophenone	7.24	105	432149	42.310	ng	97
24) Nitrobenzene	7.41	77	297039	38.944	ng	98
25) Isophorone	7.65	82	515810	41.975	ng	99
26) 2-Nitrophenol	7.73	139	159940	42.471	ng	97
27) 2,4-Dimethylphenol	7.76	122	212324	41.925	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	340804	42.184	ng	100
29) 2,4-Dichlorophenol	7.97	162	250286	42.327	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	301555	43.908	ng	99
31) Naphthalene	8.13	128	920095	43.653	ng	99
32) Benzoic acid	7.93	122	134920	39.943	ng	96
33) 4-Chloroaniline	8.18	127	394729	45.490	ng	97
34) Hexachlorobutadiene	8.24	225	183803	43.599	ng	98
35) Caprolactam	8.57	113	61473	34.512	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	258707	40.696	ng	98
37) 2-Methylnaphthalene	8.82	142	593031	40.996	ng	98
38) 1-Methylnaphthalene	8.92	142	559671	41.207	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	280326	42.009	ng	100

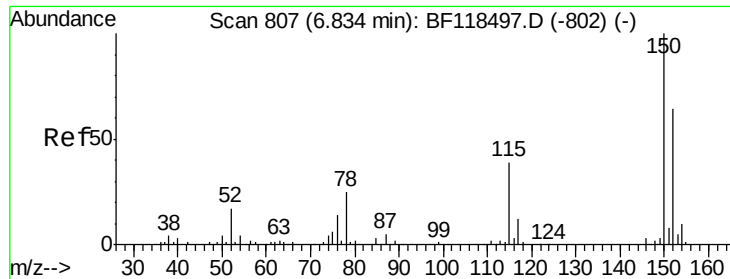
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BFCCC02.D
 Acq On : 13 Jan 2020 14:42
 Operator : JU
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Instrument :
 BNA_F
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Quant Time: Jan 14 10:30:34 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	47711	35.445	ng	97
43) 2,4,6-Trichlorophenol	9.10	196	178024	43.172	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	184382	43.209	ng	98
46) 1,1'-Biphenyl	9.29	154	721021	40.631	ng	99
47) 2-Chloronaphthalene	9.32	162	581776	41.422	ng	97
48) 2-Nitroaniline	9.42	65	177878	43.827	ng	95
49) Acenaphthylene	9.73	152	875847	41.892	ng	100
50) Dimethylphthalate	9.59	163	693654	41.613	ng	100
51) 2,6-Dinitrotoluene	9.66	165	152909	42.597	ng	88
52) Acenaphthene	9.90	154	555874	43.539	ng	99
53) 3-Nitroaniline	9.83	138	177308	42.167	ng	93
54) 2,4-Dinitrophenol	9.95	184	57478	39.343	ng	94
55) Dibenzofuran	10.07	168	828619	43.211	ng	98
56) 4-Nitrophenol	10.01	139	90274	44.216	ng	96
57) 2,4-Dinitrotoluene	10.07	165	214497	44.627	ng	93
58) Fluorene	10.42	166	708144	45.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	160811	44.563	ng	98
60) Diethylphthalate	10.29	149	747426	44.047	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	348555	45.259	ng	90
62) 4-Nitroaniline	10.46	138	182879	44.418	ng	99
63) Azobenzene	10.57	77	649355	45.032	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	96417	42.535	ng	94
66) n-Nitrosodiphenylamine	10.53	169	613724	43.950	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	201549	40.129	ng	97
68) Hexachlorobenzene	10.97	284	237942	39.672	ng	94
69) Atrazine	11.06	200	139163	33.539	ng	98
70) Pentachlorophenol	11.17	266	78004	41.766	ng	99
71) Phenanthrene	11.39	178	1041864	43.374	ng	100
72) Anthracene	11.44	178	1025718	42.923	ng	100
73) Carbazole	11.59	167	902457	43.595	ng	99
74) Di-n-butylphthalate	11.92	149	1094898	39.646	ng	99
75) Fluoranthene	12.58	202	976910	40.013	ng	97
77) Benzidine	12.70	184	308759	47.640	ng	100
78) Pyrene	12.81	202	1040590	45.706	ng	100
80) Butylbenzylphthalate	13.42	149	488376	46.840	ng	100
81) Benzo(a)anthracene	14.00	228	842265	43.486	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	279554	44.385	ng	99
83) Chrysene	14.04	228	814964	43.300	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	606800	42.863	ng	99
85) Di-n-octyl phthalate	14.59	149	992113	48.858	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	724875	47.838	ng	100
88) Benzo(b)fluoranthene	15.06	252	622047	34.417	ng	99
89) Benzo(k)fluoranthene	15.09	252	622347	36.075	ng	98
90) Benzo(a)pyrene	15.43	252	634347	42.829	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	603726	43.471	ng	99
92) Benzo(g,h,i)perylene	17.43	276	497216	37.785	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

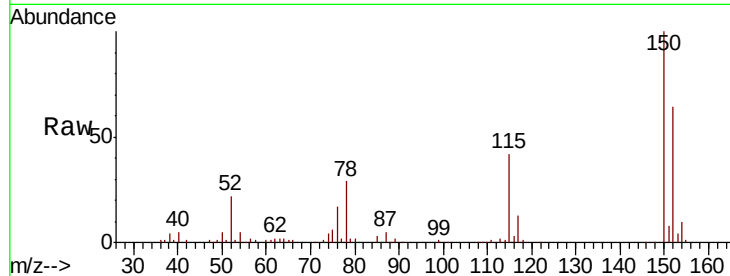
Tot Ion:152 Resp: 92640

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

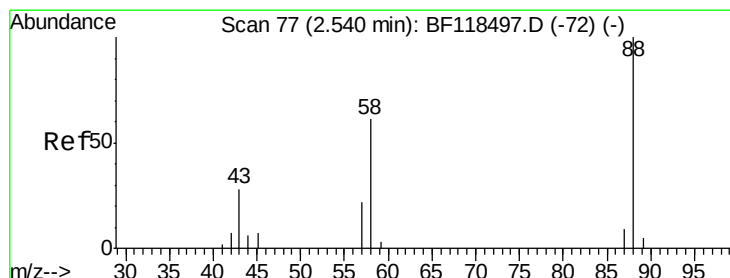
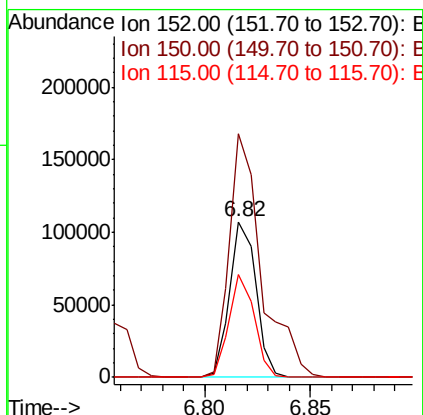
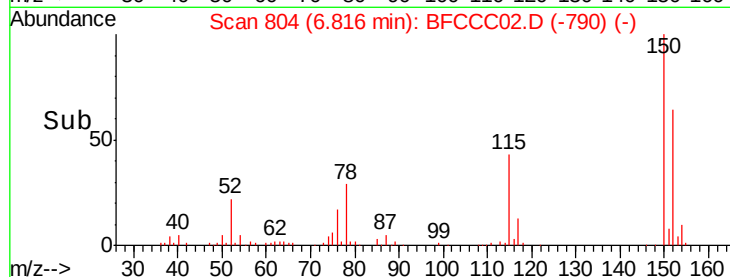
115 66.5 49.0 73.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.418 ng

RT: 2.53 min Scan# 75

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

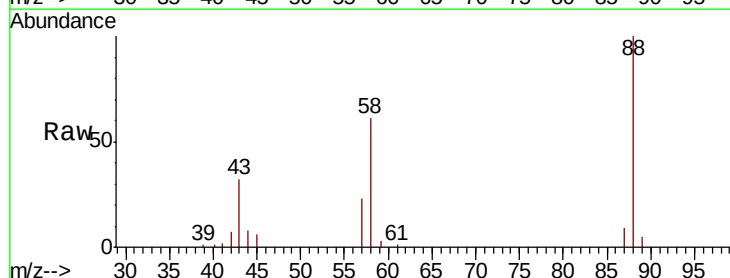
Tgt Ion: 88 Resp: 77491

Ion Ratio Lower Upper

88 100

58 60.2 48.3 72.5

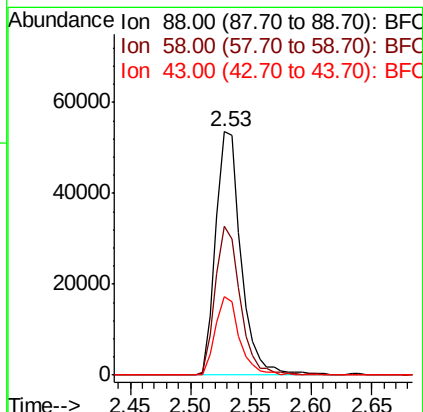
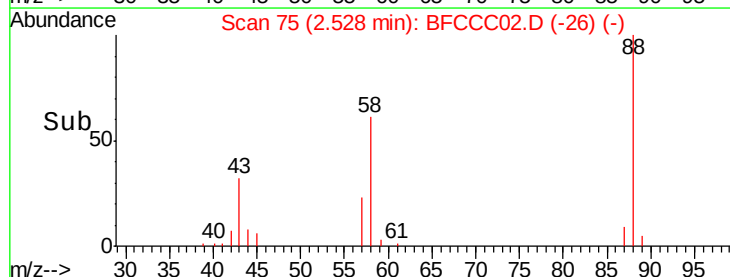
43 30.5 23.4 35.0

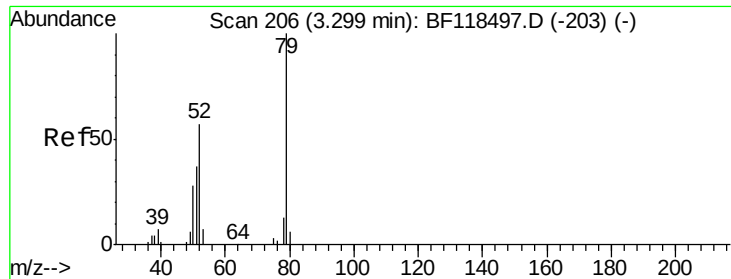


Abundance Ion 88.00 (87.70 to 88.70): BFC

Ion 58.00 (57.70 to 58.70): BFC

Ion 43.00 (42.70 to 43.70): BFC



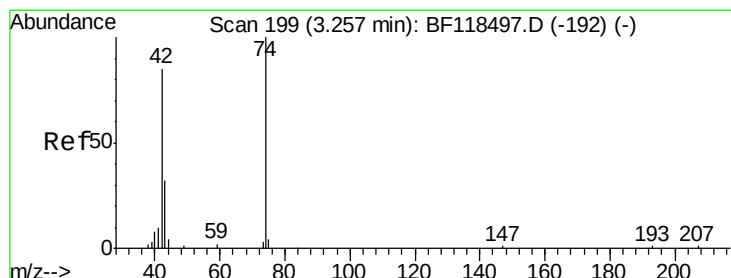
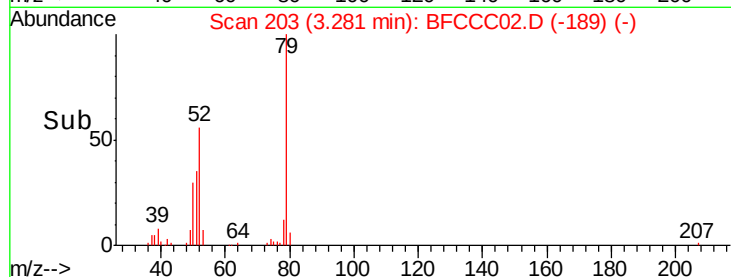
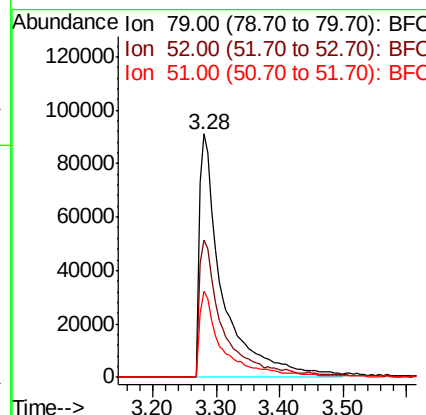
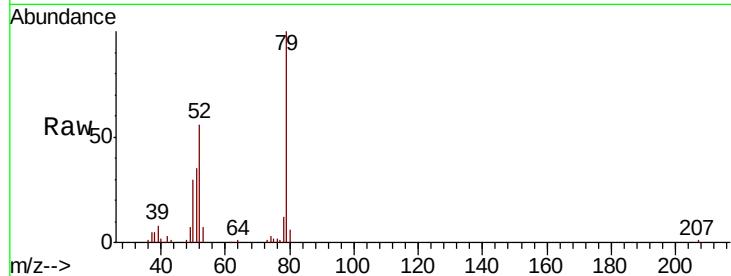


#3
 Pvridine
 Concen: 45.422 ng
 RT: 3.28 min Scan# 203
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 228753

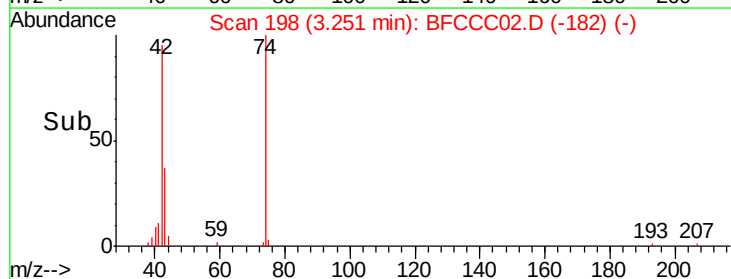
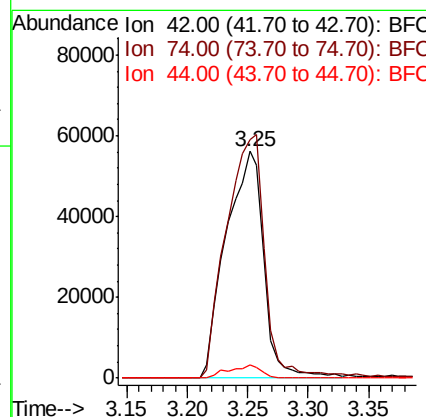
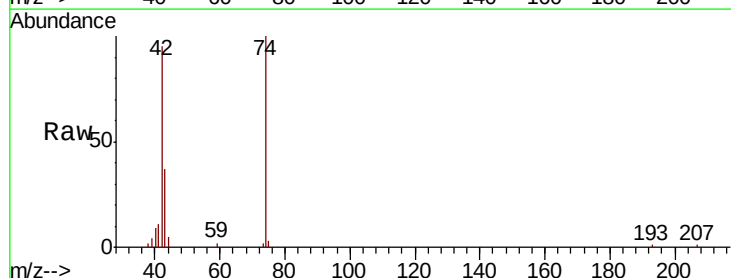
Ion	Ratio	Lower	Upper
79	100		
52	56.3	45.9	68.9
51	35.5	29.8	44.6

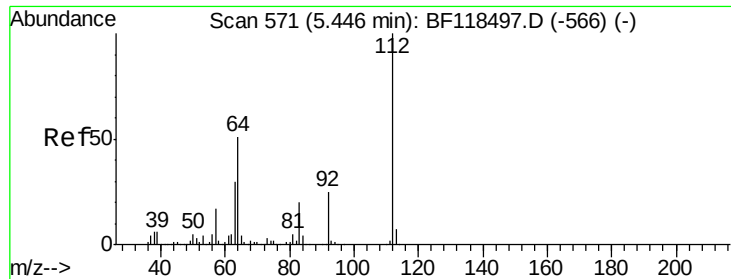


#4
 n-Nitrosodimethylamine
 Concen: 48.260 ng
 RT: 3.25 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion: 42 Resp: 121794

Ion	Ratio	Lower	Upper
42	100		
74	105.4	94.1	141.1
44	5.7	4.1	6.1

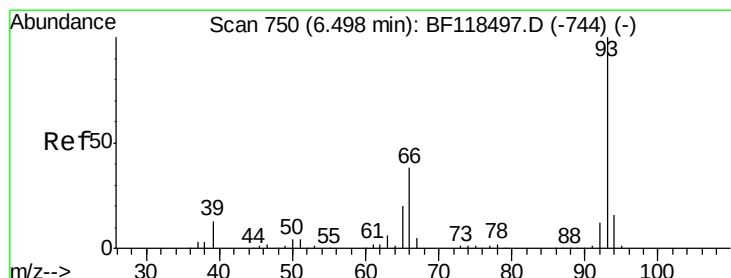
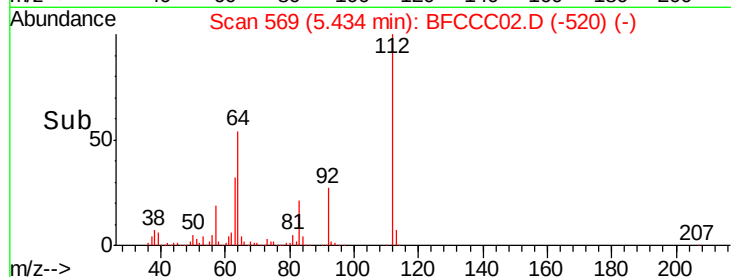
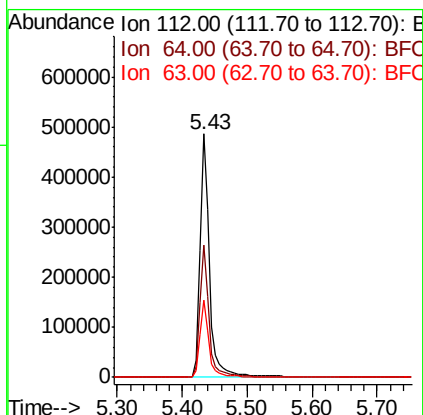
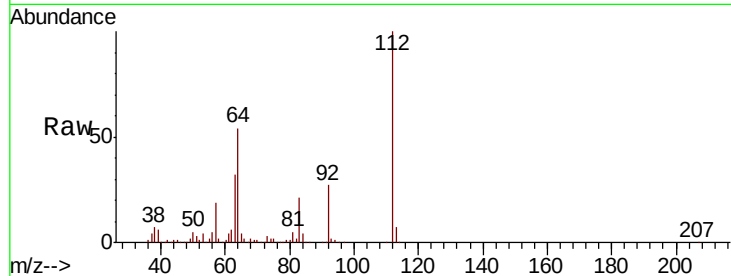




#5
2-Fluorophenol
Concen: 87.737 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

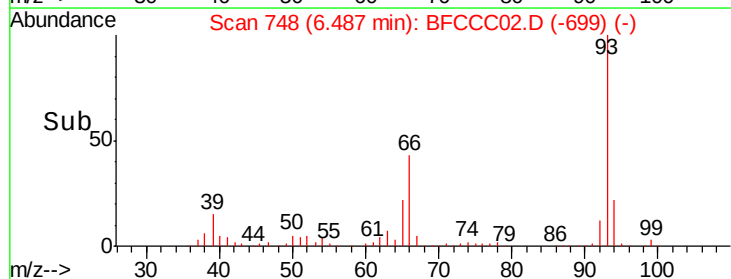
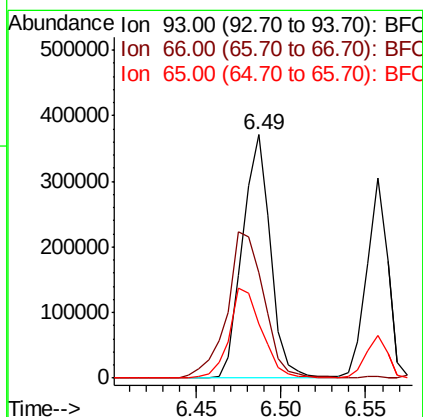
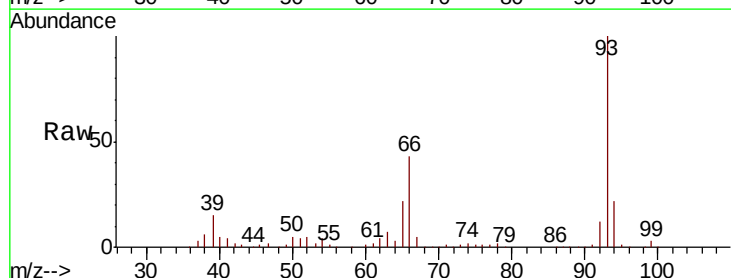
Instrument :
BNA_F
ClientSampleId :

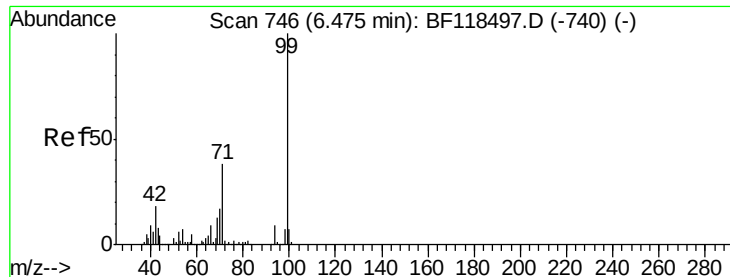
Tot Ion:112 Resp: 492382
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 31.9 24.1 36.1



#6
Aniline
Concen: 51.537 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion: 93 Resp: 429941
Ion Ratio Lower Upper
93 100
66 43.5 33.4 50.0
65 22.4 16.7 25.1





#7

Phenol-d6

Concen: 101.995 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

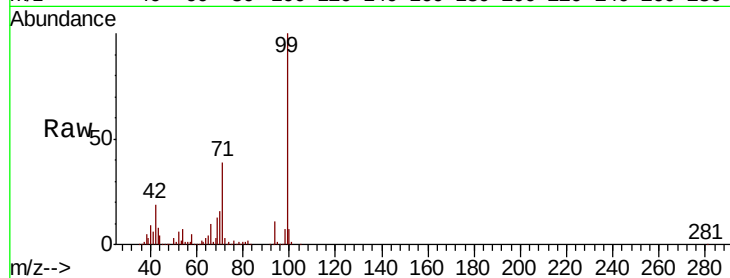
Tot Ion: 99 Resp: 684333

Ion Ratio Lower Upper

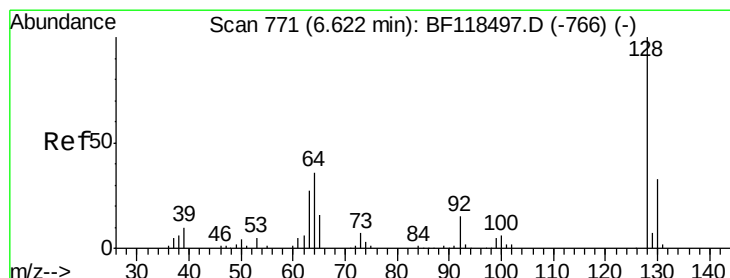
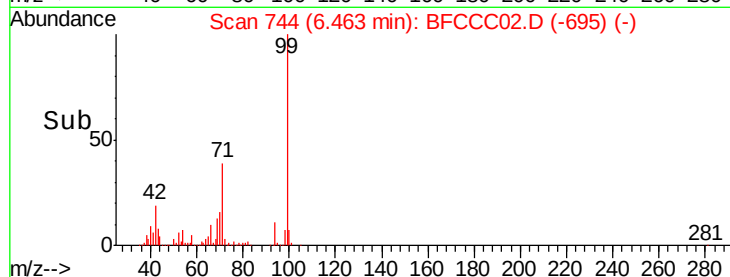
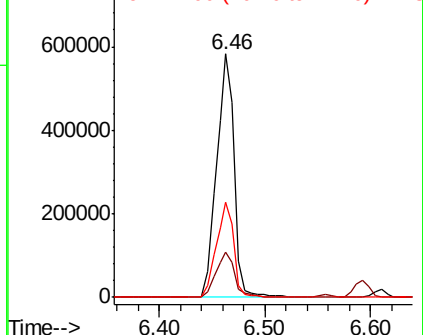
99 100

42 18.7 14.5 21.7

71 39.2 30.6 45.8



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



#8

2-Chlorophenol

Concen: 49.608 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

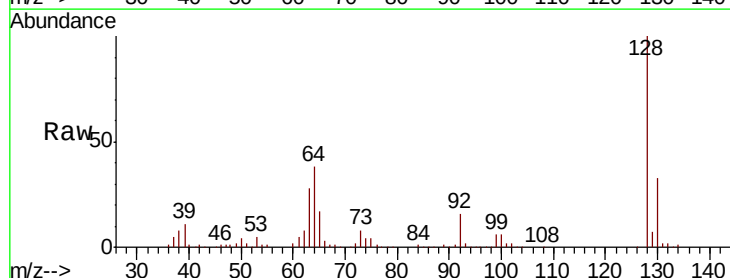
Tgt Ion: 128 Resp: 304386

Ion Ratio Lower Upper

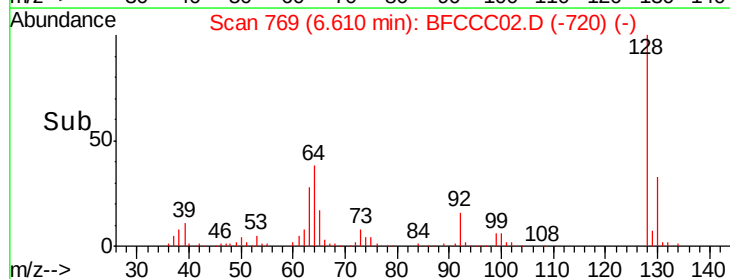
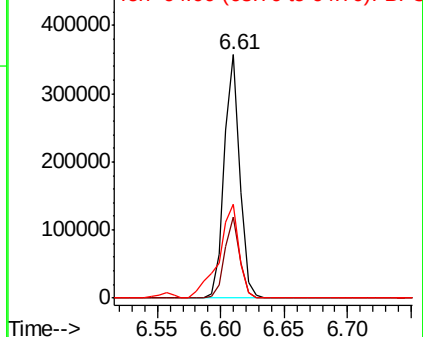
128 100

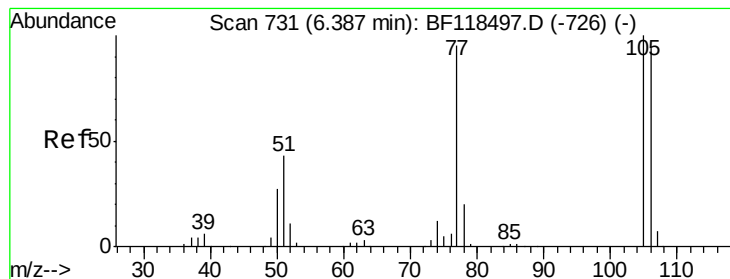
130 33.4 12.7 52.7

64 38.5 17.8 57.8



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





#9

Benzaldehyde

Concen: 45.685 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

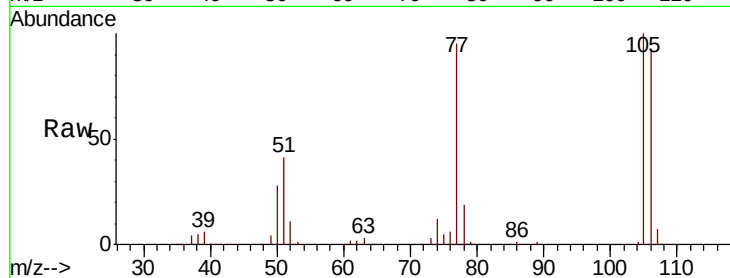
Tot Ion: 77 Resp: 170644

Ion Ratio Lower Upper

77 100

105 104.8 85.4 125.4

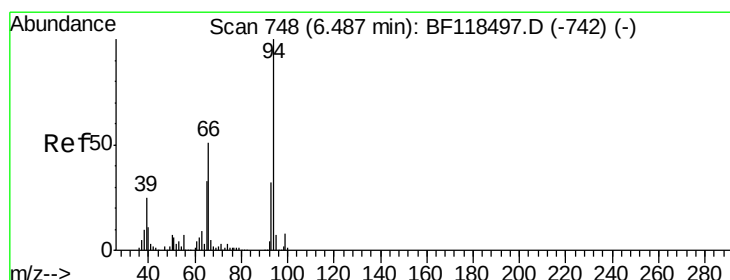
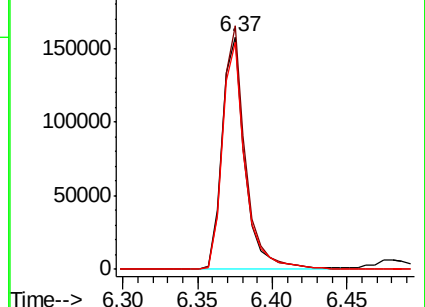
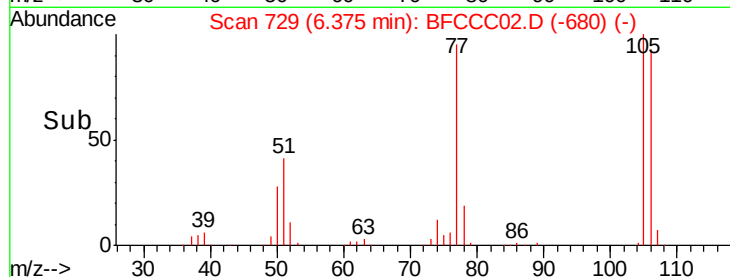
106 97.9 79.5 119.5



Abundance Ion 77.00 (76.70 to 77.70): BFC

Ion 105.00 (104.70 to 105.70): BFC

Ion 106.00 (105.70 to 106.70): BFC



#10

Phenol

Concen: 51.862 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

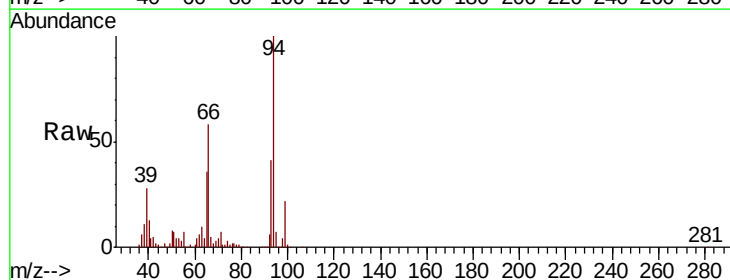
Tgt Ion: 94 Resp: 385581

Ion Ratio Lower Upper

94 100

65 35.6 13.3 53.3

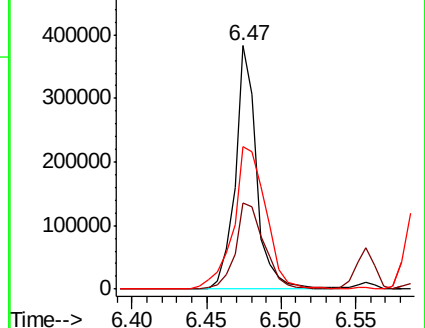
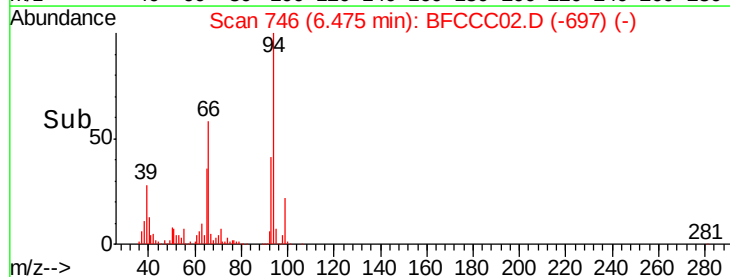
66 58.4 30.9 70.9

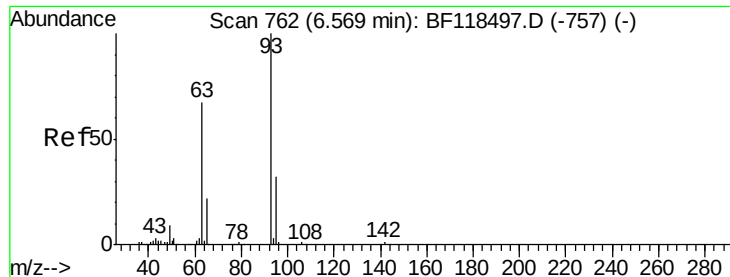


Abundance Ion 94.00 (93.70 to 94.70): BFC

Ion 65.00 (64.70 to 65.70): BFC

Ion 66.00 (65.70 to 66.70): BFC

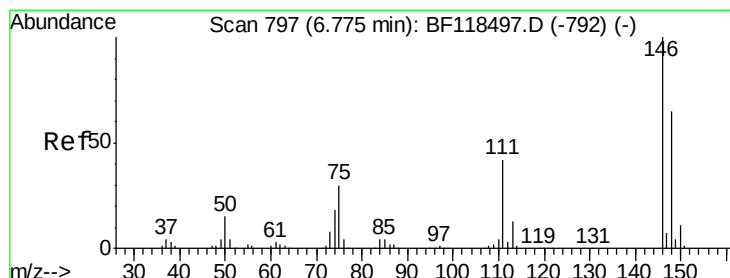
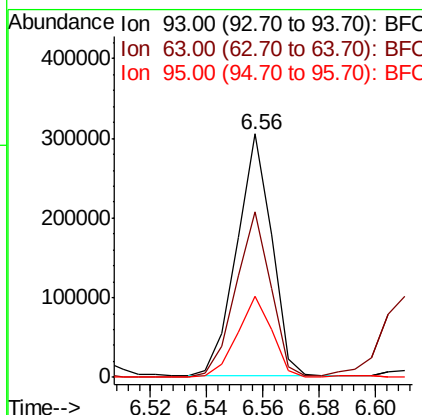
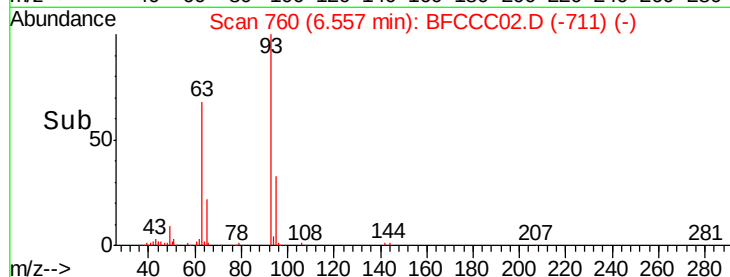
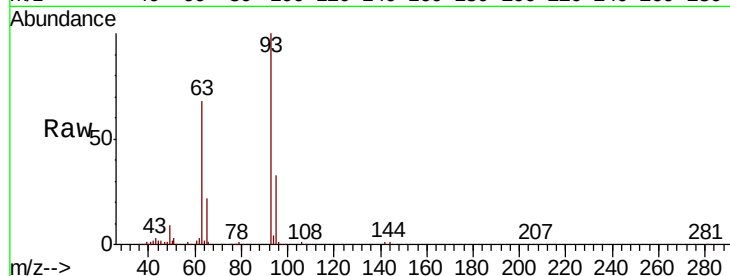




#11
bis(2-Chloroethyl)ether
Concen: 49.290 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

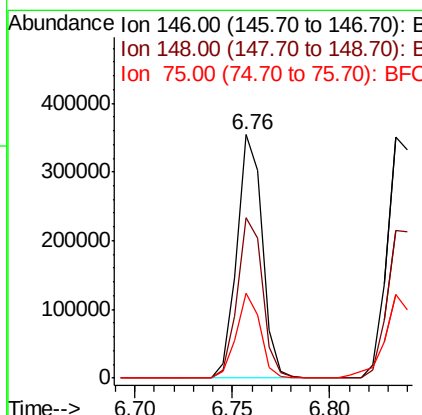
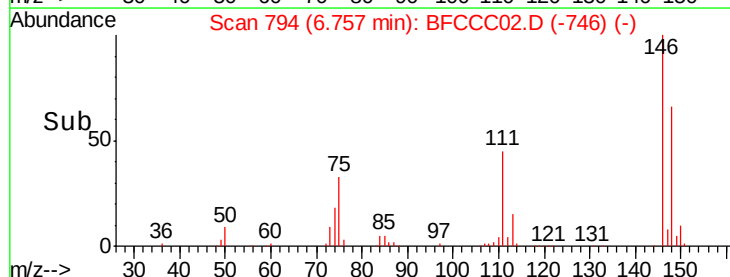
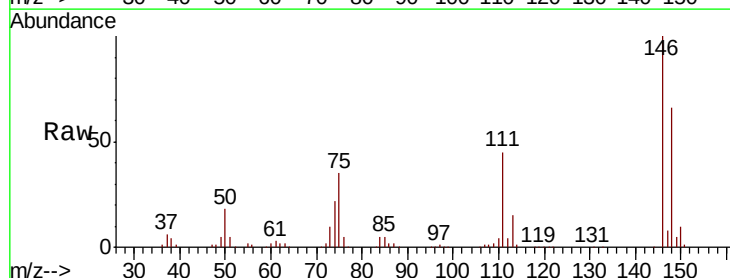
Instrument :
BNA_F
ClientSampleId :

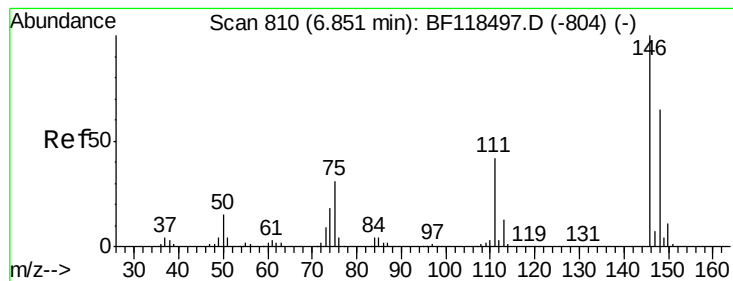
Tot Ion: 93 Resp: 261260
Ion Ratio Lower Upper
93 100
63 67.9 46.6 86.6
95 33.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.815 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion: 146 Resp: 321452
Ion Ratio Lower Upper
146 100
148 66.0 52.4 78.6
75 34.9 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 45.764 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

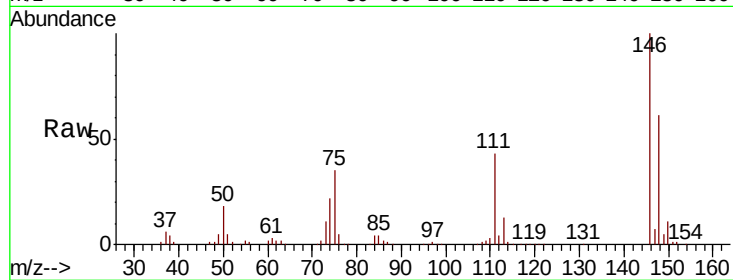
Tot Ion:146 Resp: 334933

Ion Ratio Lower Upper

146 100

148 61.3 52.2 78.2

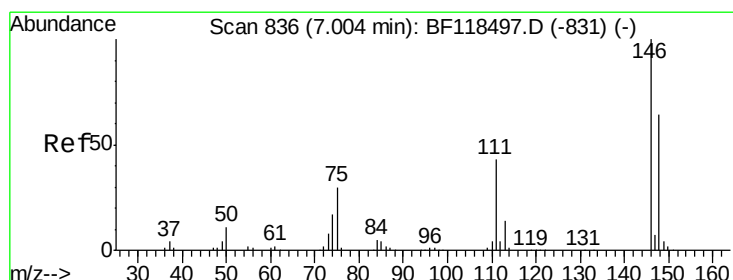
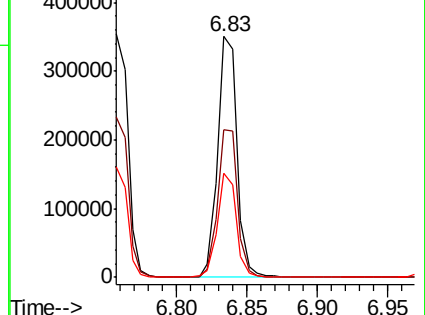
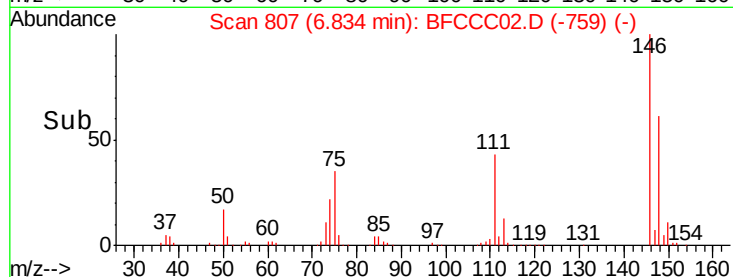
111 43.2 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.848 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

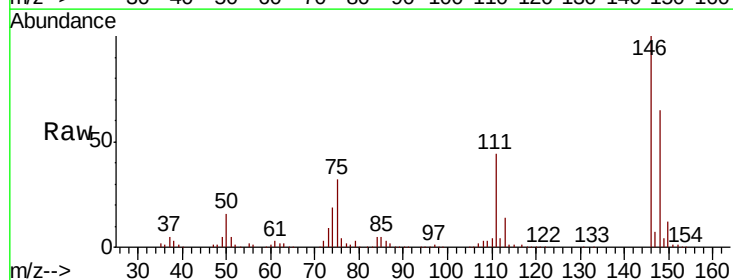
Tgt Ion:146 Resp: 310111

Ion Ratio Lower Upper

146 100

148 65.2 51.3 76.9

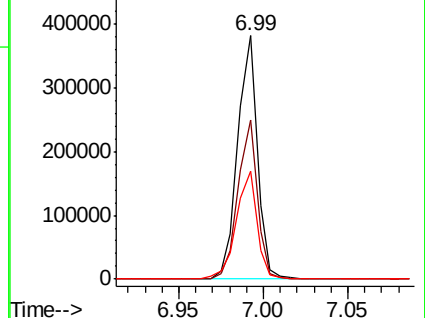
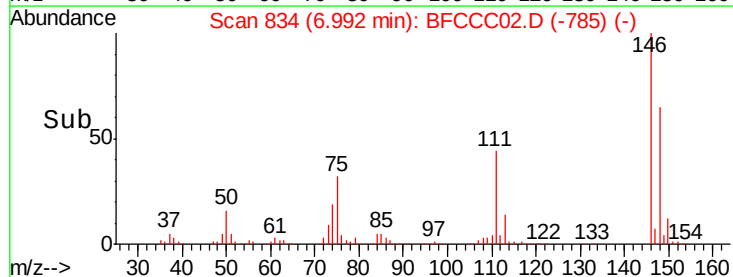
111 44.3 34.7 52.1

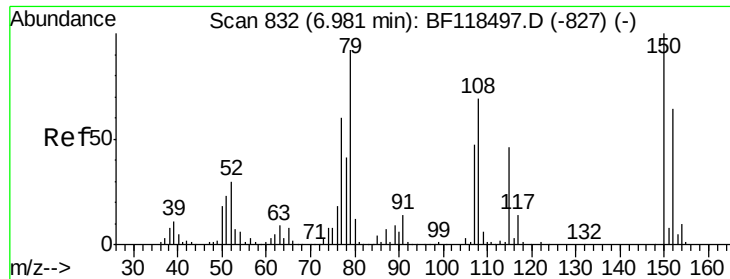


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

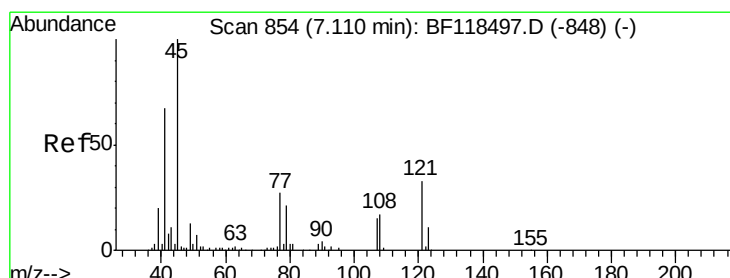
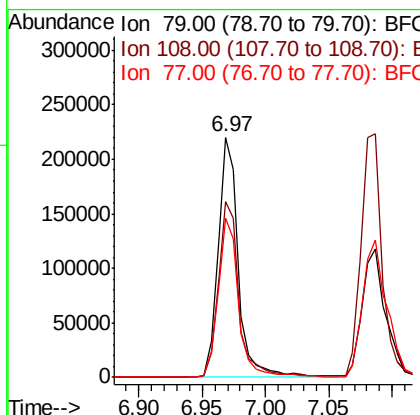
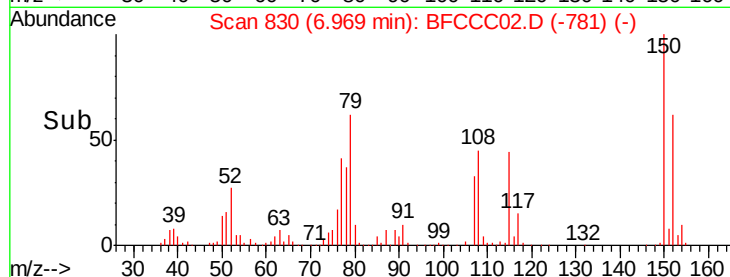
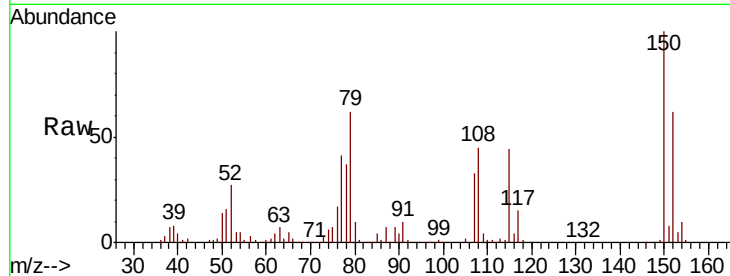




#15
Benzyl Alcohol
Concen: 45.301 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

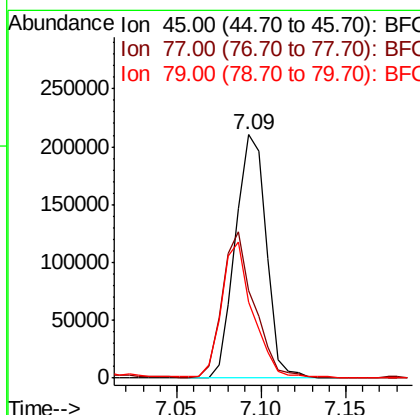
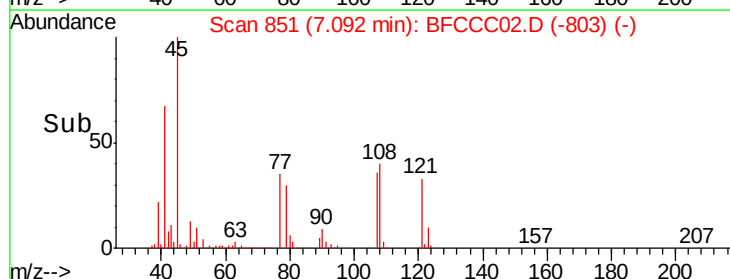
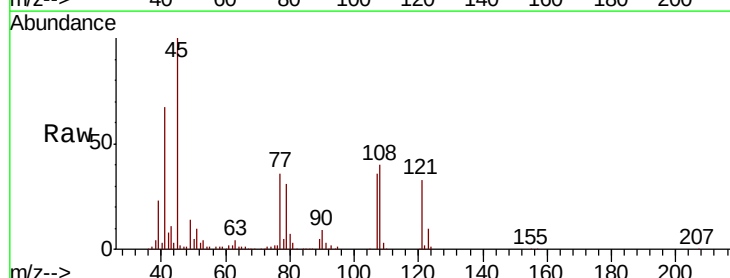
Instrument :
BNA_F
ClientSampled :

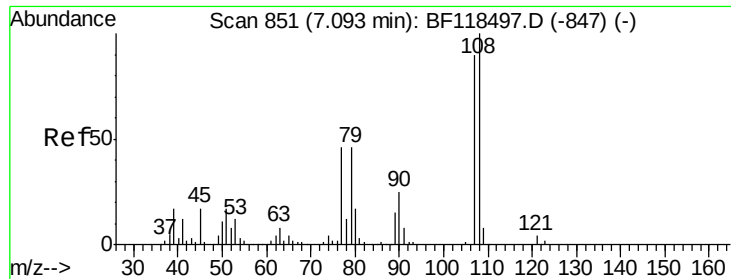
Tot Ion: 79 Resp: 246554
Ion Ratio Lower Upper
79 100
108 73.3 60.2 90.2
77 66.3 51.8 77.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.684 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion: 45 Resp: 268619
Ion Ratio Lower Upper
45 100
77 36.0 7.6 47.6
79 31.1 2.0 42.0

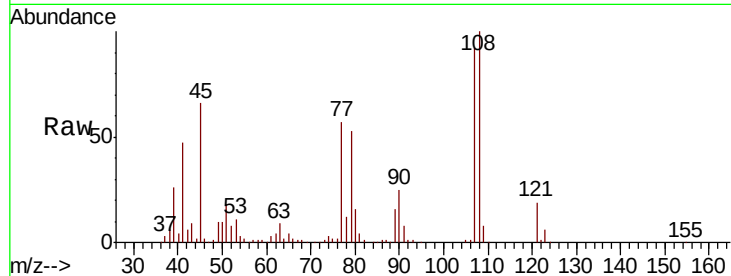




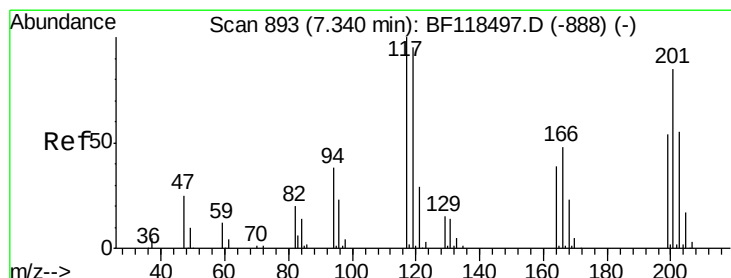
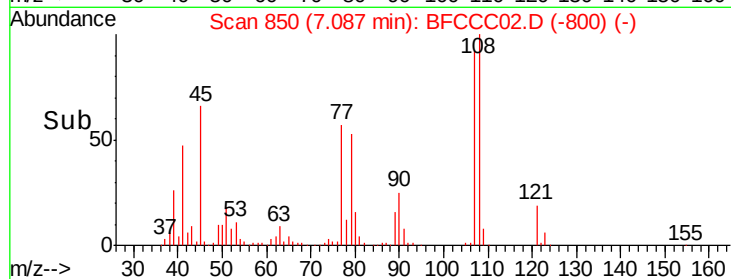
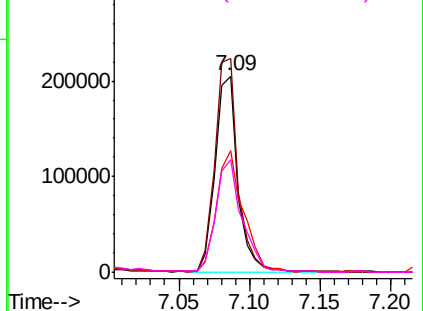
#17
2-Methylphenol
Concen: 45.247 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 228163
Ion Ratio Lower Upper
107 100
108 109.0 88.9 133.3
77 61.8 41.2 61.8
79 57.3 41.6 62.4

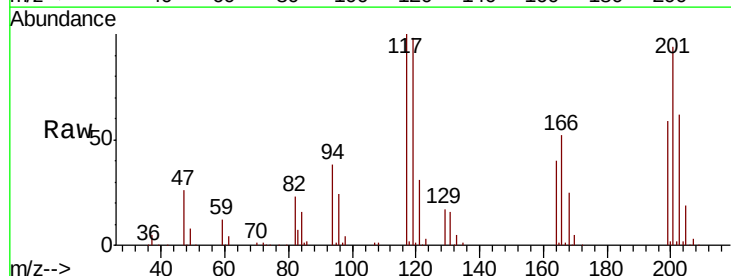


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BFC
Ion 79.00 (78.70 to 79.70): BFC

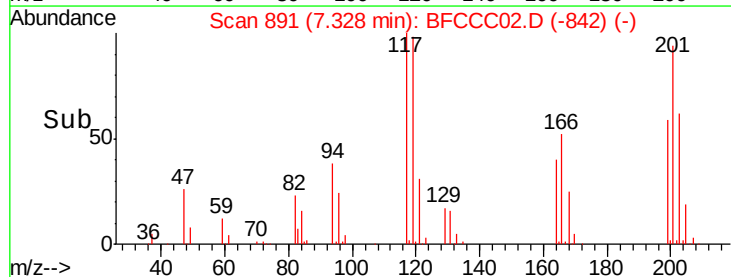
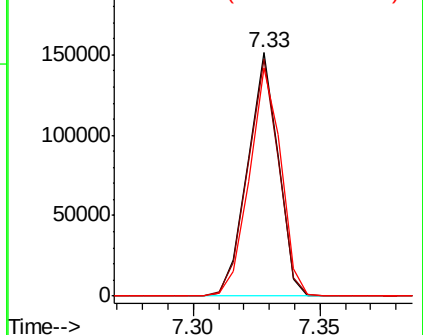


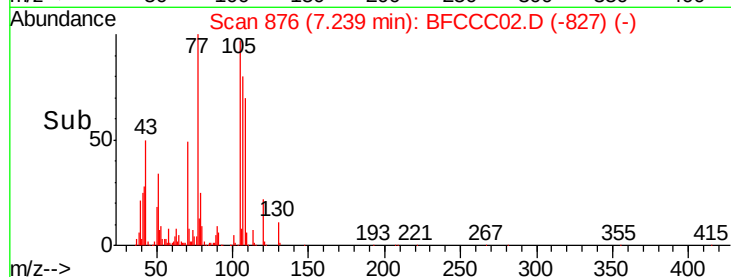
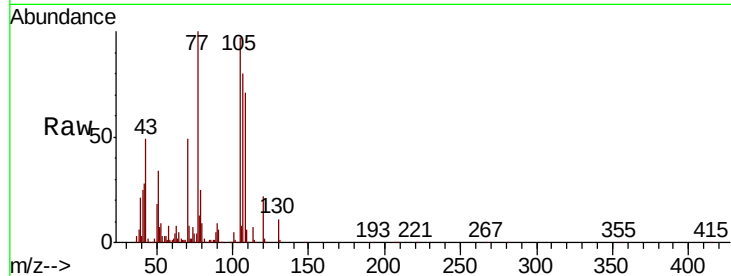
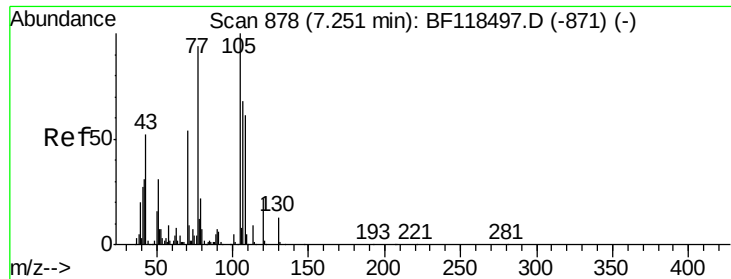
#18
Hexachloroethane
Concen: 45.803 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:117 Resp: 127017
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.4
201 94.0 67.7 101.5



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

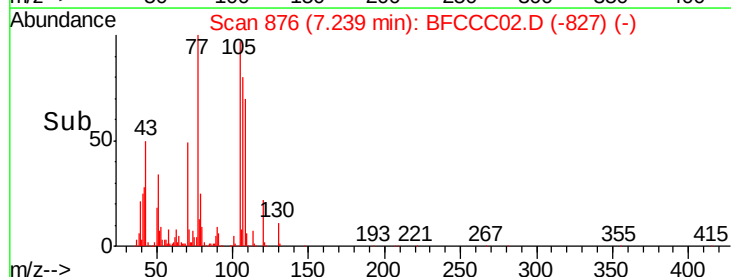
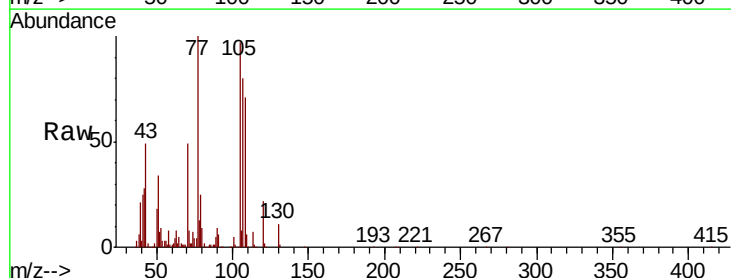
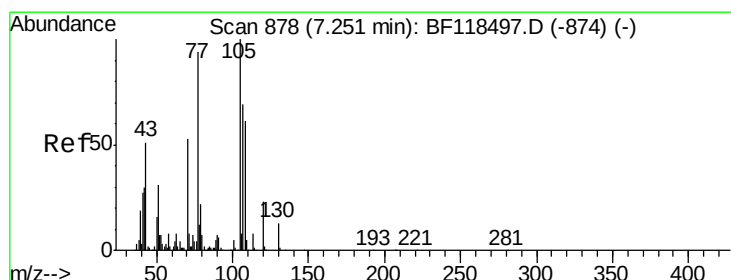
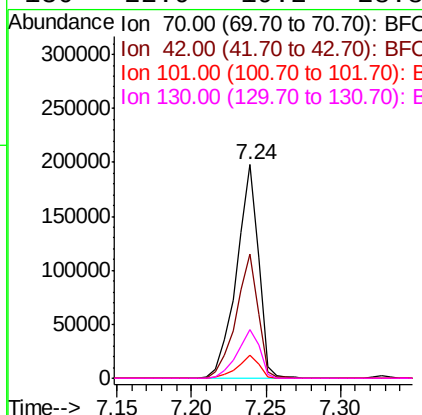




#19
n-Nitroso-di-n-propylamine
Concen: 47.231 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

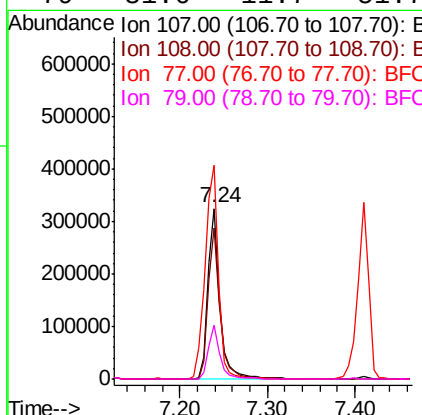
Instrument :
BNA_F
ClientSampleId :

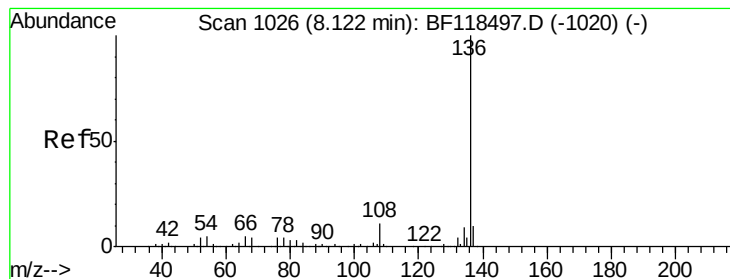
Tot Ion:	70	Resp:	204105
Ion	Ratio	Lower	Upper
70	100		
42	57.9	45.6	68.4
101	10.6	8.2	12.2
130	22.9	19.2	28.8



#20
3+4-Methylphenols
Concen: 45.168 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:	107	Resp:	308957
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.9	108.9
77	125.1	116.8	156.8
79	31.6	11.7	51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402948

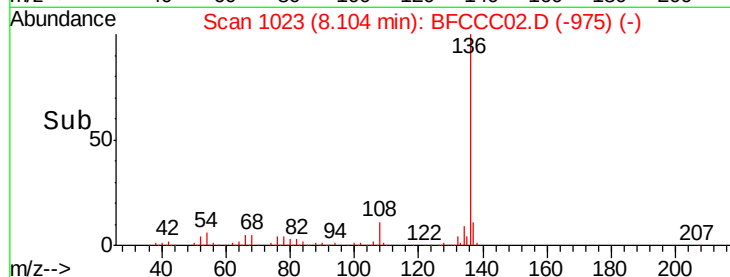
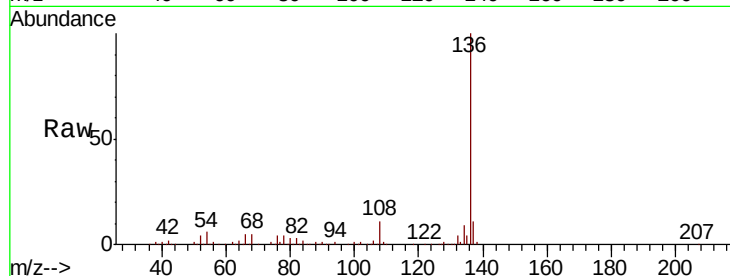
Ion Ratio Lower Upper

136 100

137 10.6 8.3 12.5

54 6.0 4.2 6.2

68 4.6 3.3 4.9

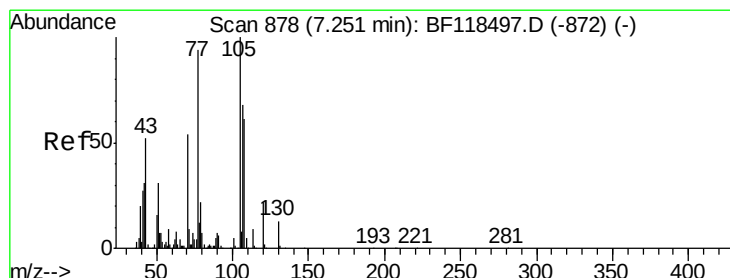
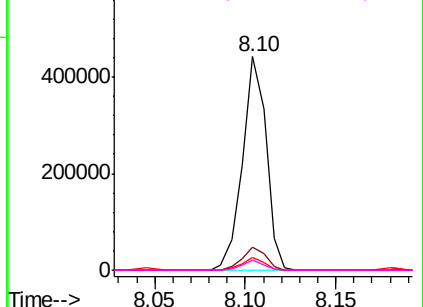


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BFC

Ion 68.00 (67.70 to 68.70): BFC



#22

Acetophenone

Concen: 42.310 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Tgt Ion:105 Resp: 432149

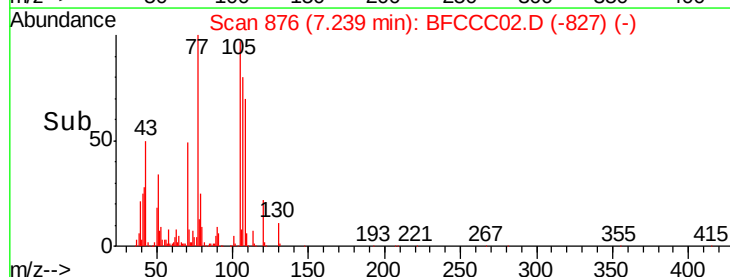
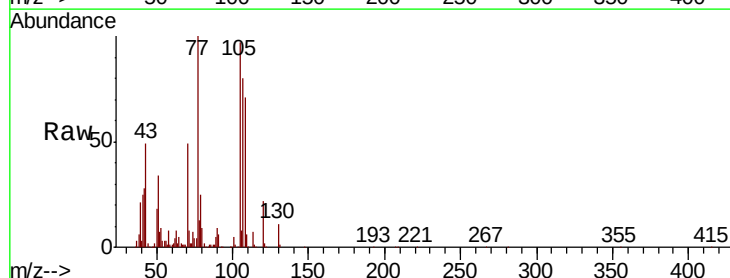
Ion Ratio Lower Upper

105 100

71 8.4 6.9 10.3

51 34.8 25.0 37.4

120 22.4 18.0 27.0

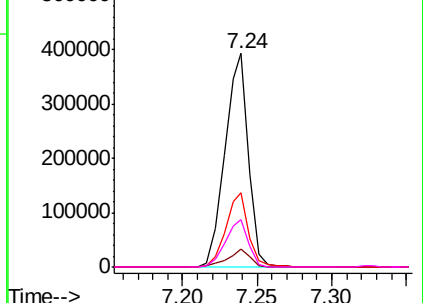


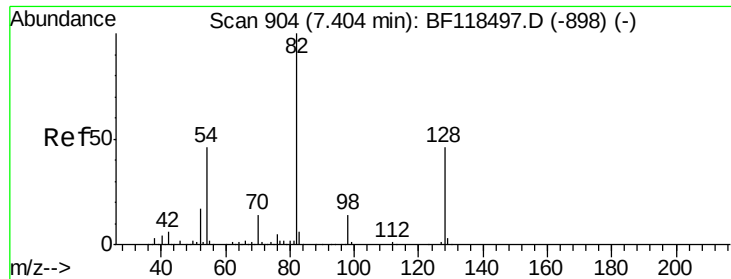
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BFC

Ion 51.00 (50.70 to 51.70): BFC

Ion 120.00 (119.70 to 120.70): E

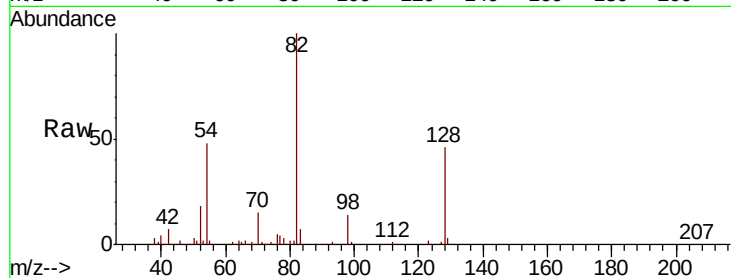




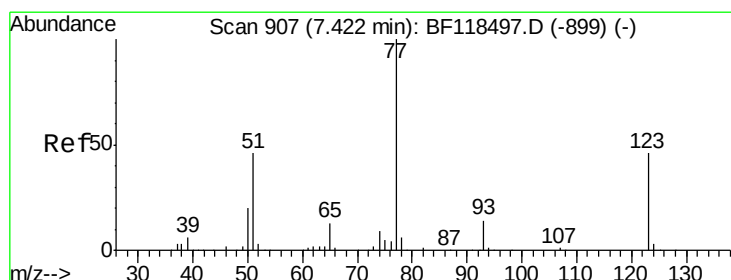
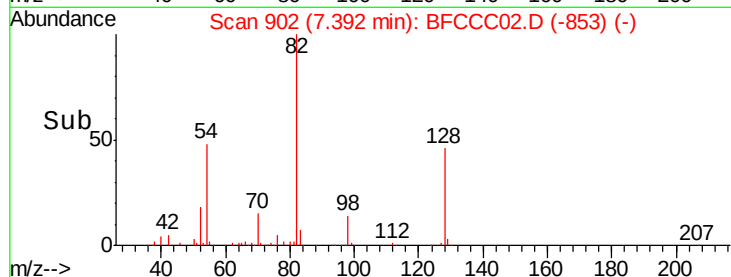
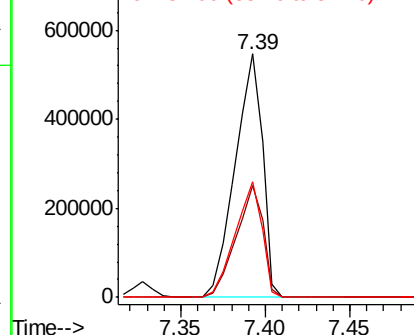
#23
Nitrobenzene-d5
Concen: 80.466 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 617223
Ion Ratio Lower Upper
82 100
128 45.7 36.6 54.8
54 47.7 37.0 55.6

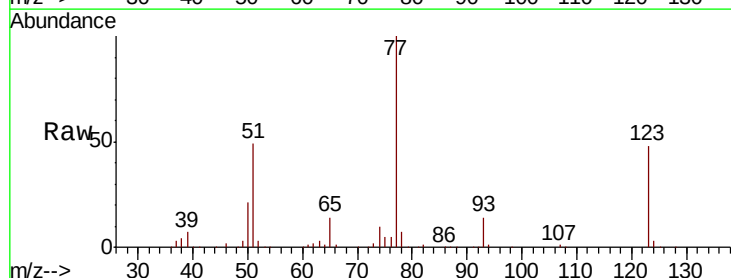


Abundance Ion 82.00 (81.70 to 82.70): BFC
Ion 128.00 (127.70 to 128.70): BFC
Ion 54.00 (53.70 to 54.70): BFC

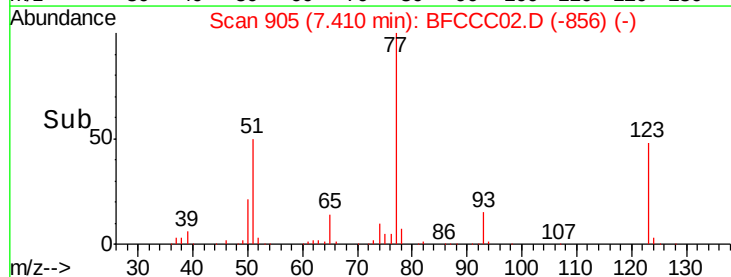
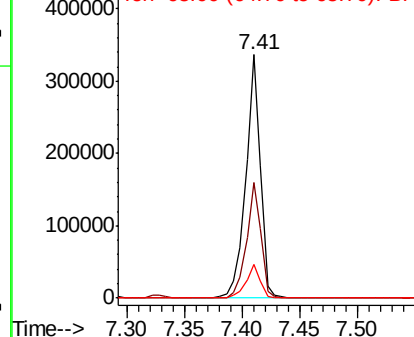


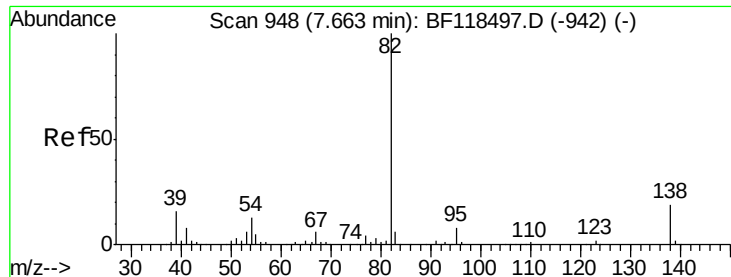
#24
Nitrobenzene
Concen: 38.944 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion: 77 Resp: 297039
Ion Ratio Lower Upper
77 100
123 47.7 37.0 55.4
65 13.9 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BFC
Ion 123.00 (122.70 to 123.70): BFC
Ion 65.00 (64.70 to 65.70): BFC





#25

Isophorone

Concen: 41.975 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

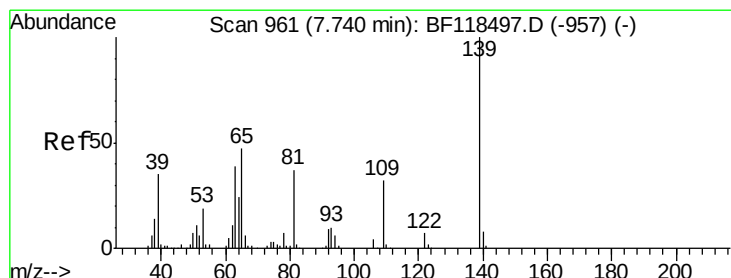
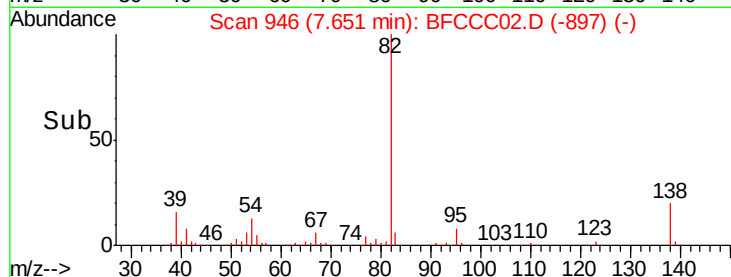
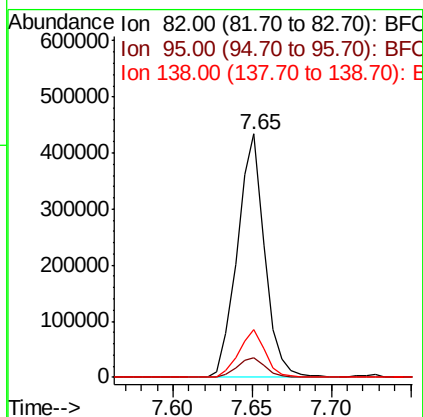
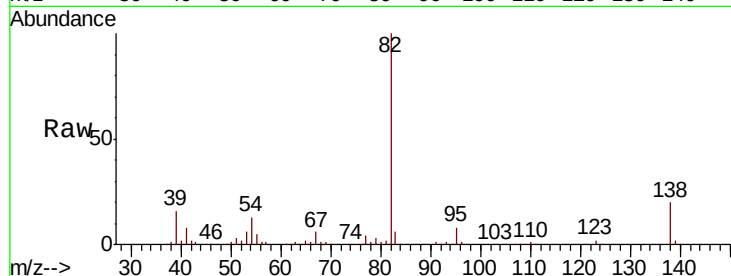
Tot Ion: 82 Resp: 515810

Ion Ratio Lower Upper

82 100

95 7.9 6.6 9.8

138 19.6 15.4 23.2



#26

2-Nitrophenol

Concen: 42.471 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

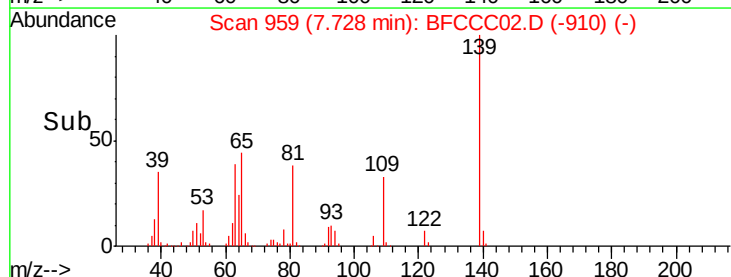
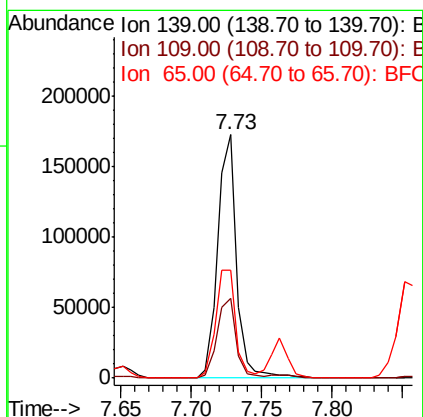
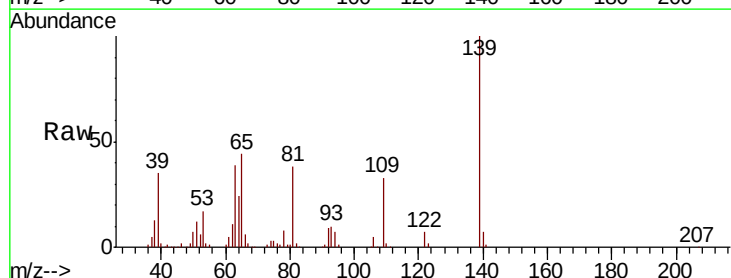
Tgt Ion: 139 Resp: 159940

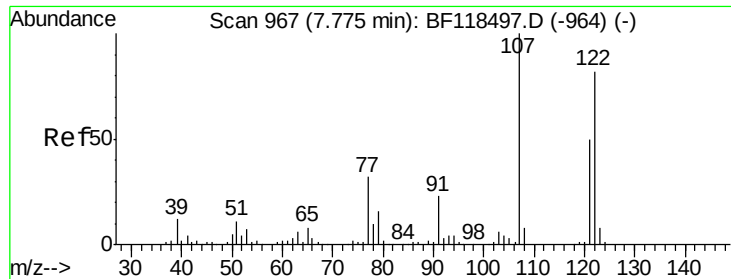
Ion Ratio Lower Upper

139 100

109 33.0 25.7 38.5

65 44.1 37.8 56.6





#27

2,4-Dimethylphenol

Concen: 41.925 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

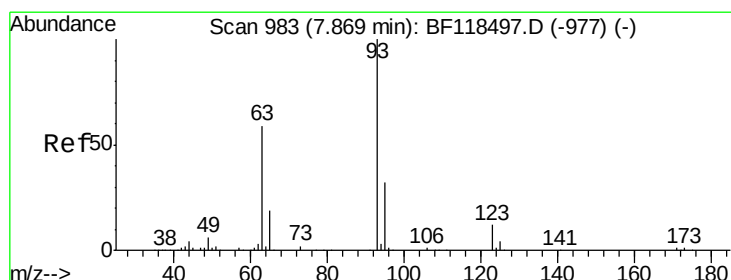
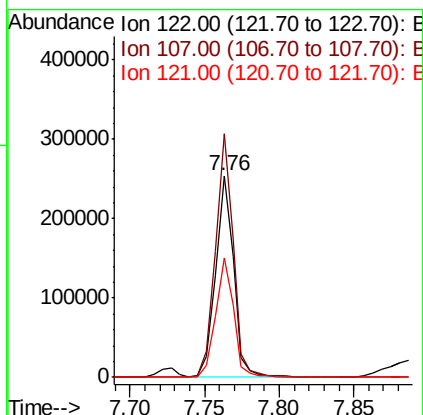
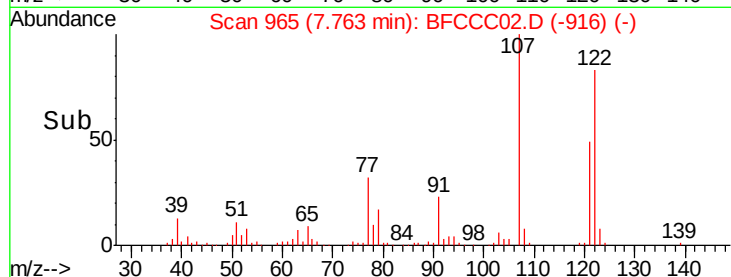
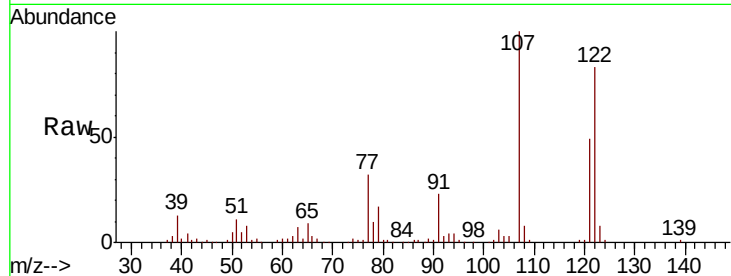
Tot Ion:122 Resp: 212324

Ion Ratio Lower Upper

122 100

107 120.8 97.9 146.9

121 59.2 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.184 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

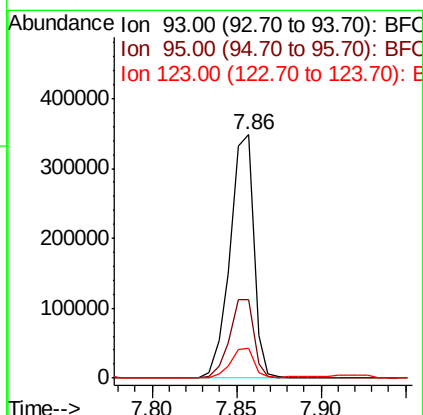
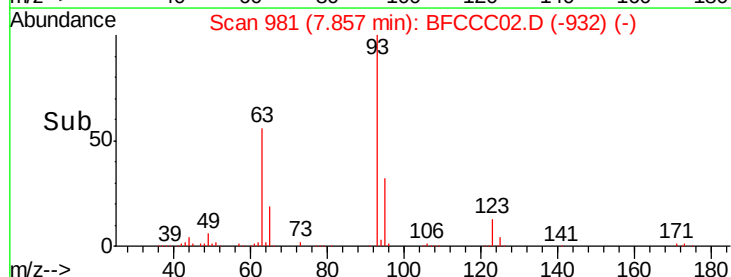
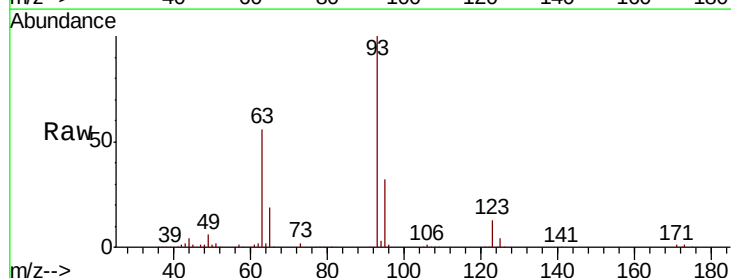
Tgt Ion: 93 Resp: 340804

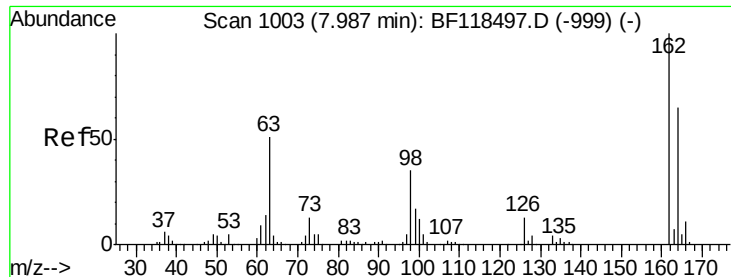
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 12.5 9.7 14.5

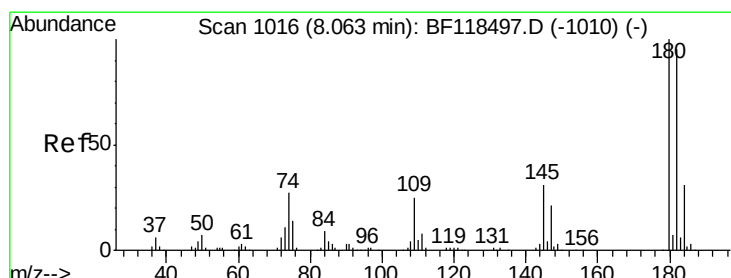
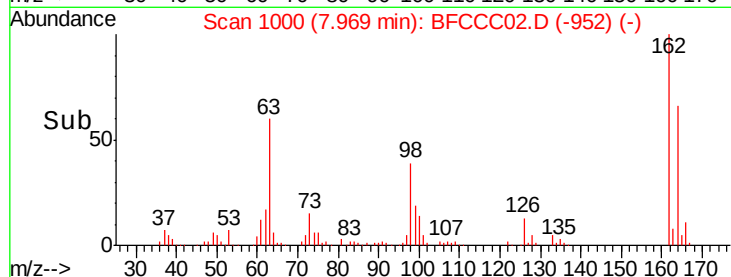
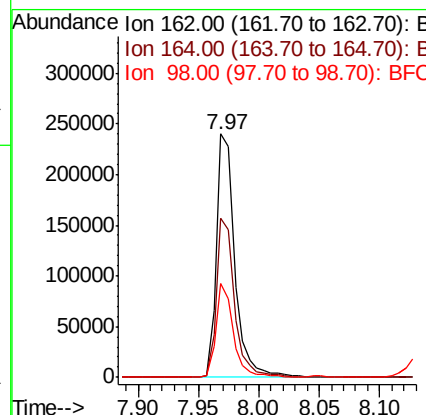
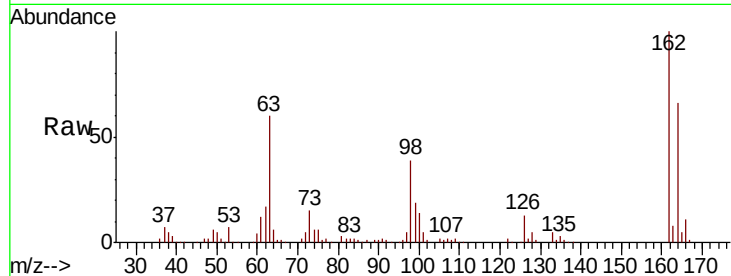




#29
 2,4-Dichlorophenol
 Concen: 42.327 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

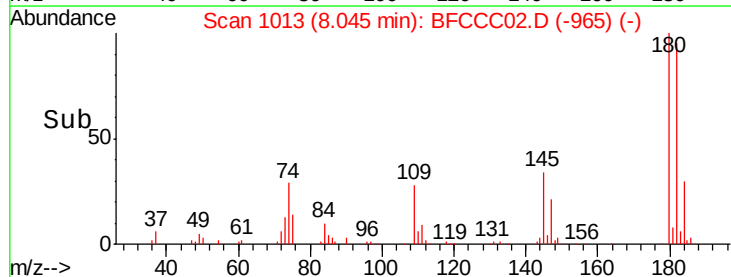
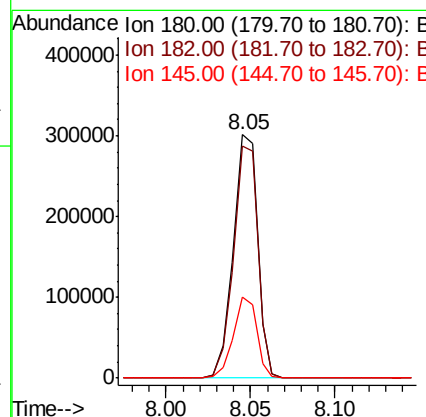
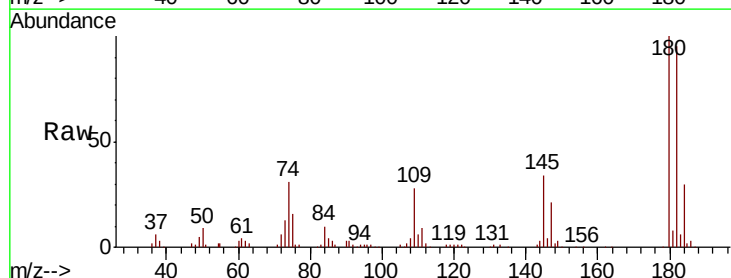
Instrument :
 BNA_F
 ClientSampleId :

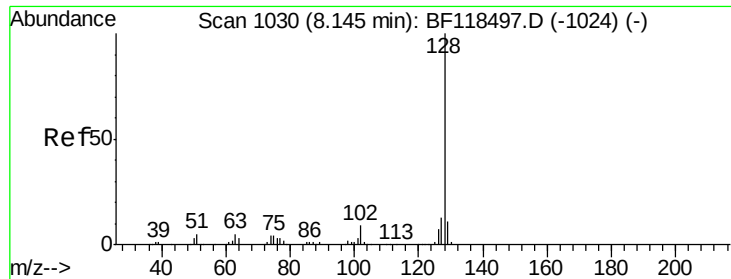
Tot Ion:162 Resp: 250286
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.8 84.8
 98 38.7 15.1 55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.908 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:180 Resp: 301555
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.8 113.6
 145 33.5 25.0 37.6

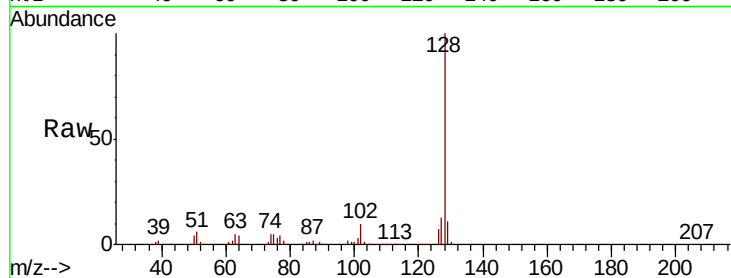




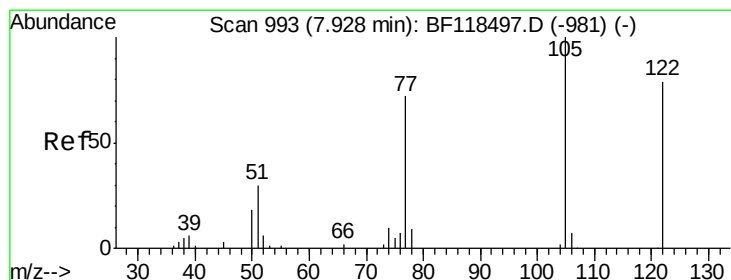
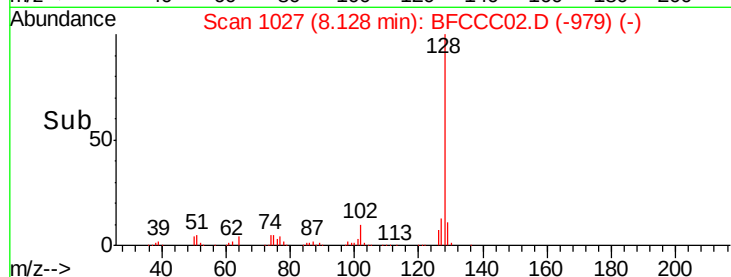
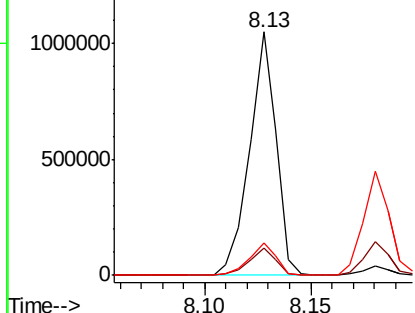
#31
Naphthalene
Concen: 43.653 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.2	10.7	16.1

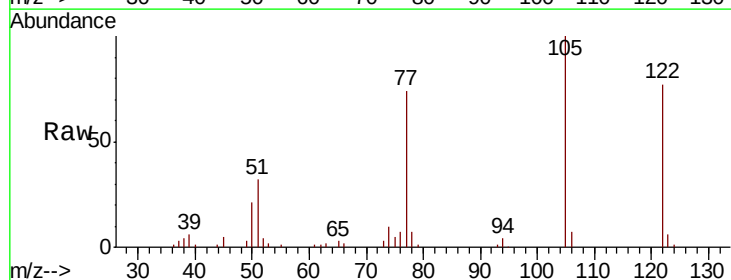


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

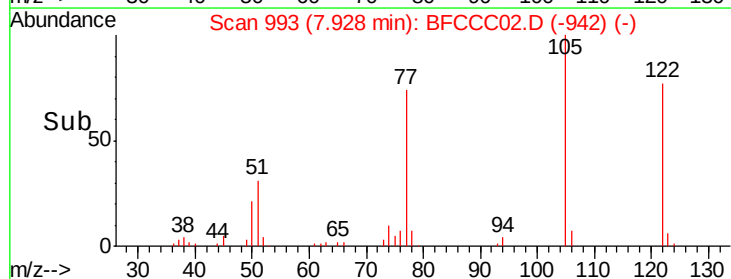
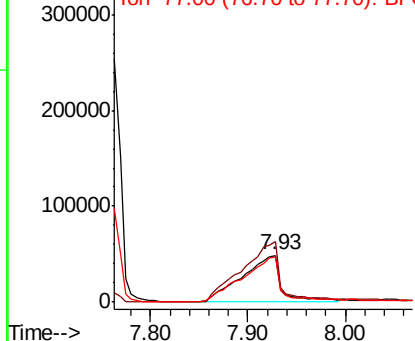


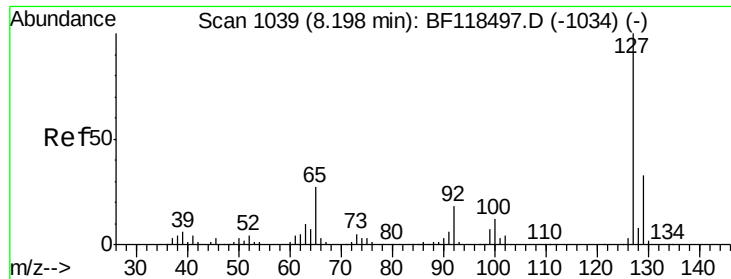
#32
Benzoic acid
Concen: 39.943 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	105.7	145.7
77	95.7	71.0	111.0



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): BFC

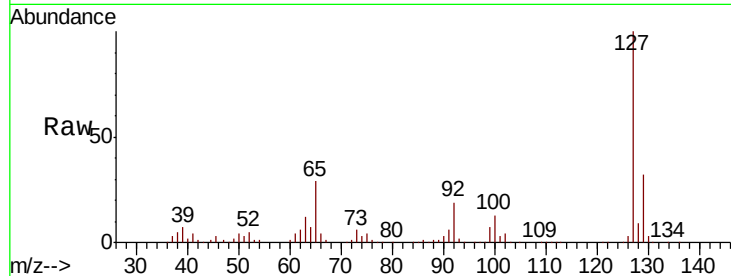




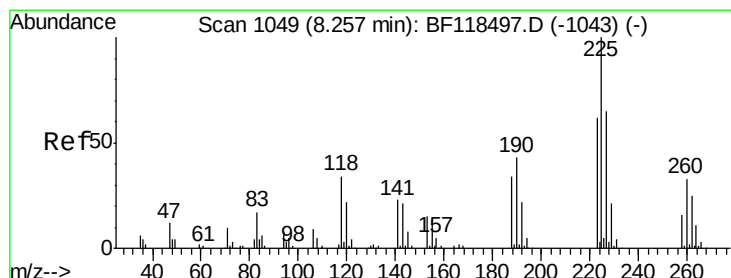
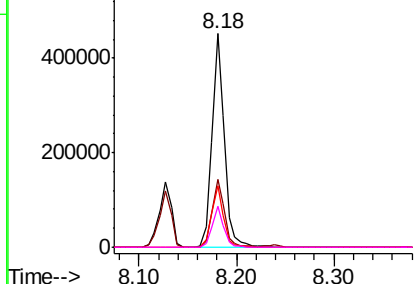
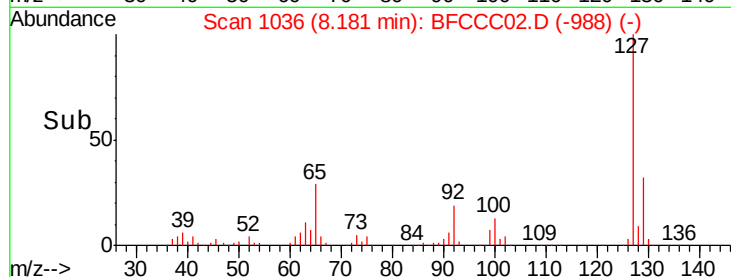
#33
4-Chloroaniline
Concen: 45.490 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	394729
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	29.0	21.6	32.4
92	19.4	14.3	21.5

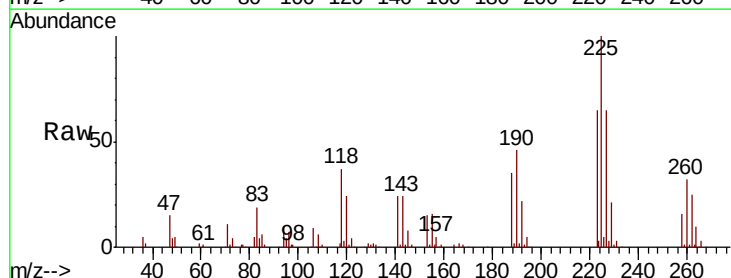


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BFC
Ion 92.00 (91.70 to 92.70): BFC

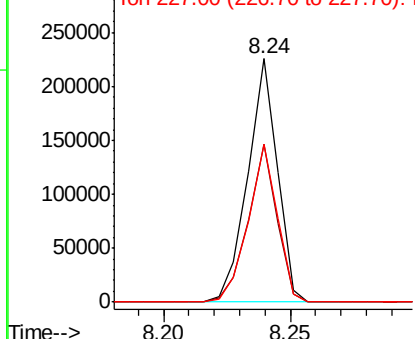
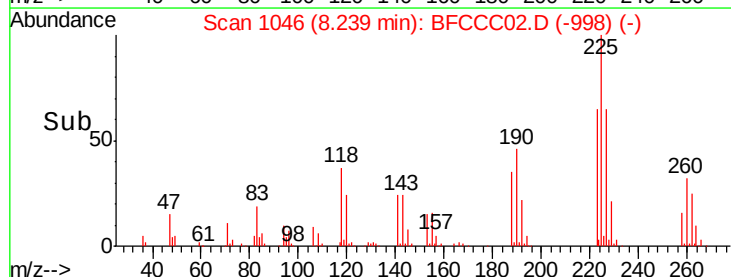


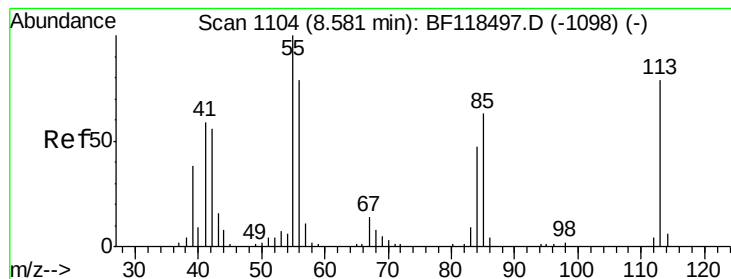
#34
Hexachlorobutadiene
Concen: 43.599 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:	225	Resp:	183803
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.9	74.9
227	65.0	51.8	77.6



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: 34.512 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

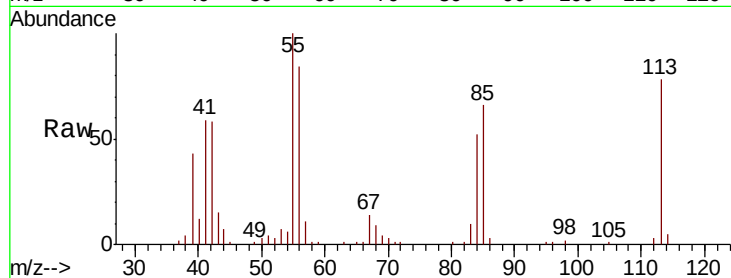
Tot Ion:113 Resp: 61473

Ion Ratio Lower Upper

113 100

55 127.6 106.5 146.5

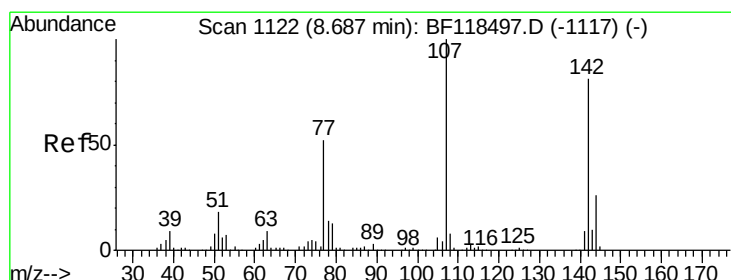
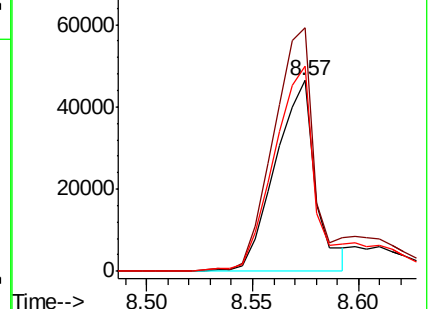
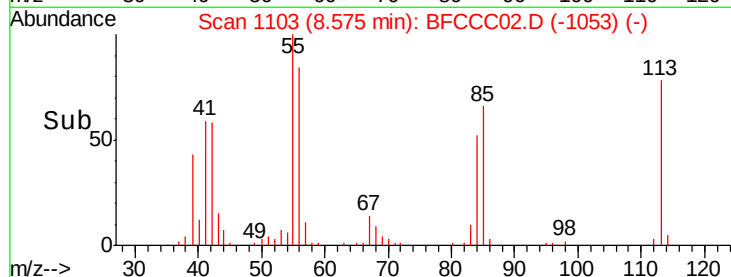
56 107.4 80.1 120.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BFC

Ion 56.00 (55.70 to 56.70): BFC



#36

4-Chloro-3-methylphenol

Concen: 40.696 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

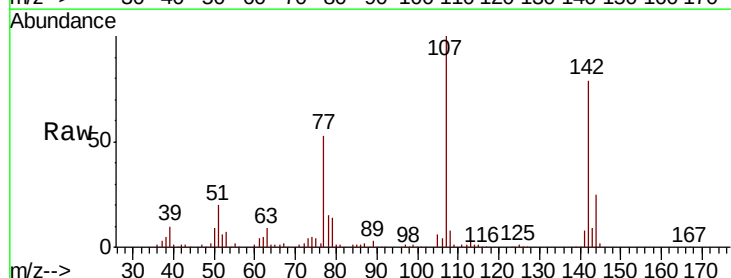
Tgt Ion:107 Resp: 258707

Ion Ratio Lower Upper

107 100

144 25.4 20.6 31.0

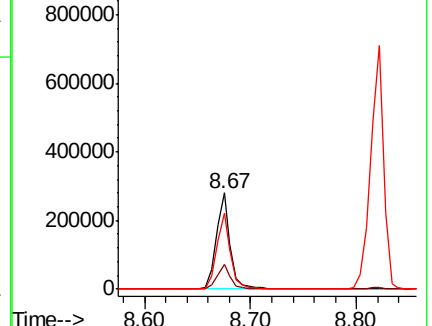
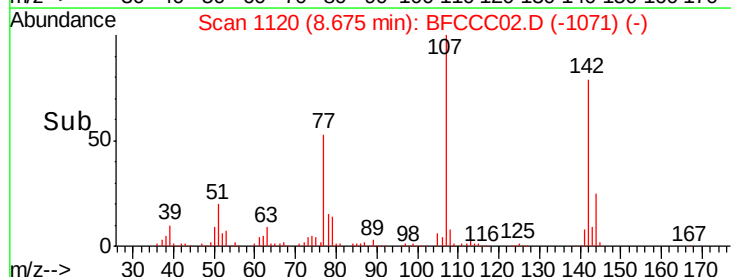
142 79.3 65.0 97.4

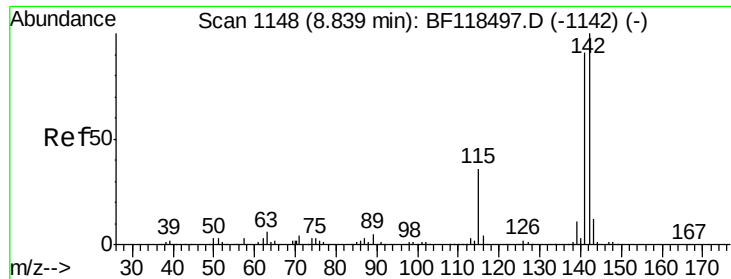


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

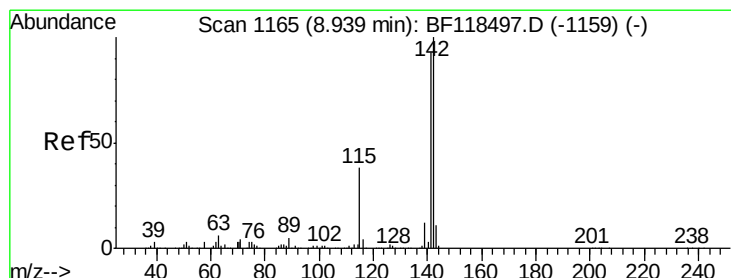
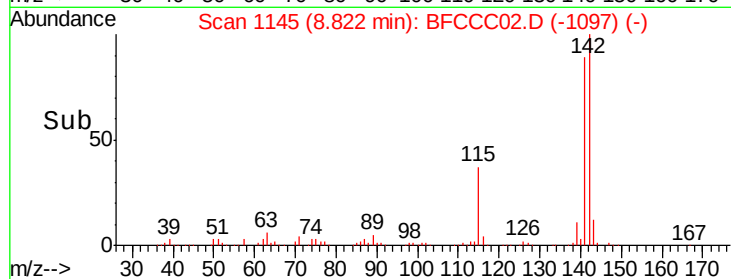
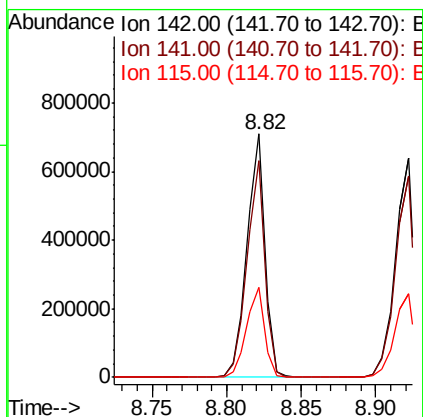
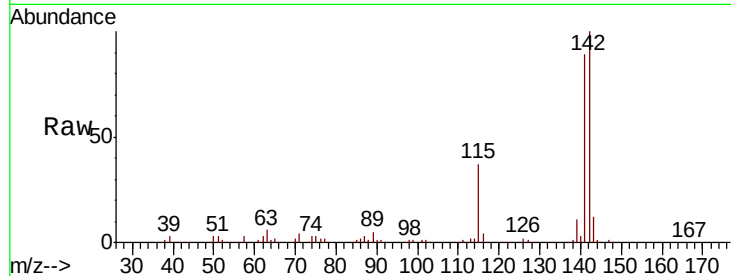




#37
2-Methylnaphthalene
Concen: 40.996 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

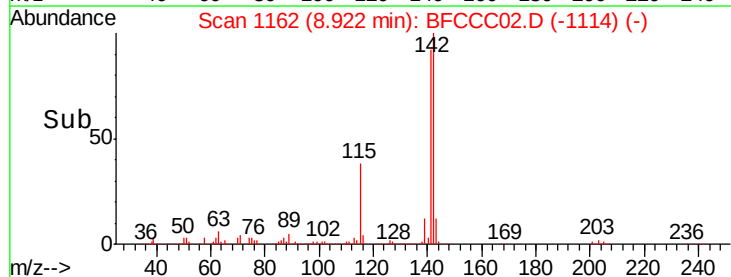
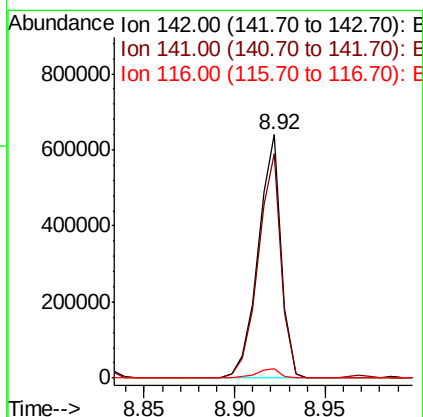
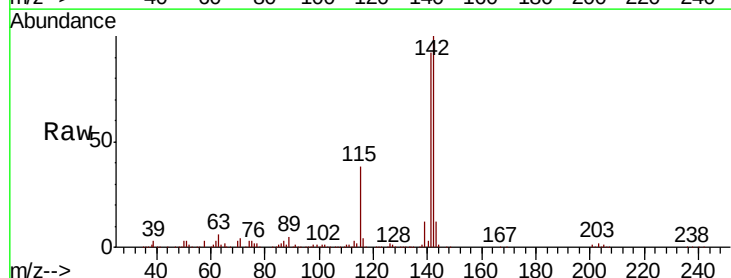
Instrument :
BNA_F
ClientSampled :

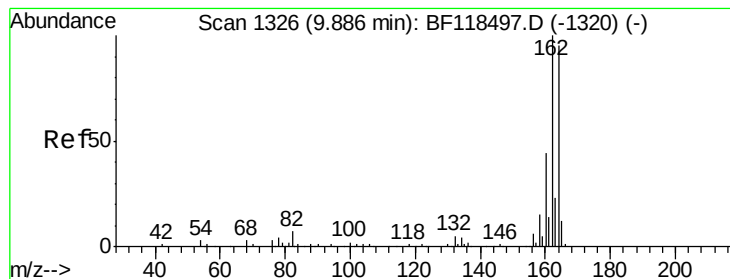
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.0	109.6
115	36.8	28.4	42.6



#38
1-Methylnaphthalene
Concen: 41.207 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.3	111.5
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

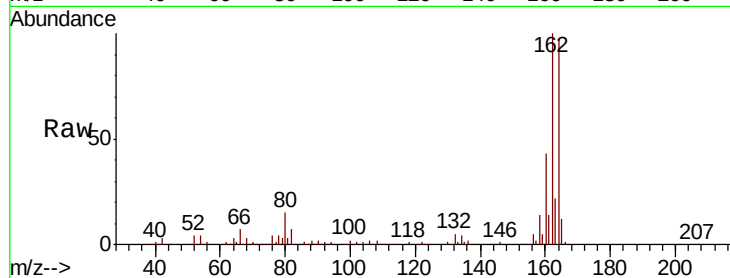
Tot Ion:164 Resp: 217184

Ion Ratio Lower Upper

164 100

162 102.9 84.2 126.4

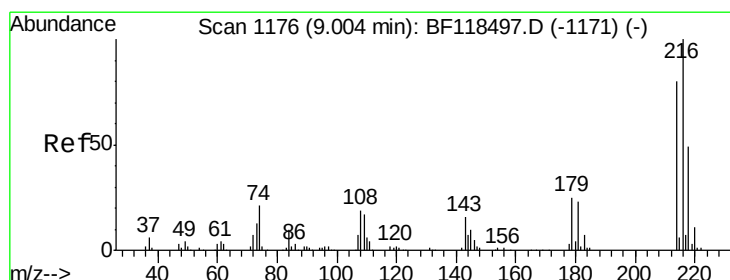
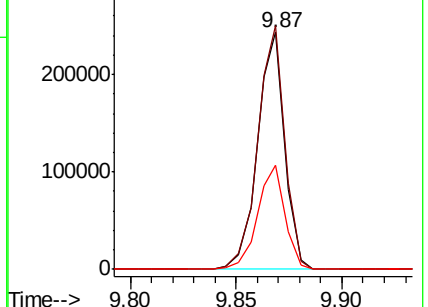
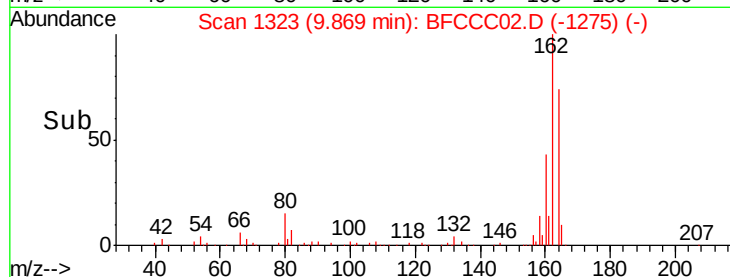
160 44.1 36.8 55.2



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: 42.009 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Tgt Ion:216 Resp: 280326

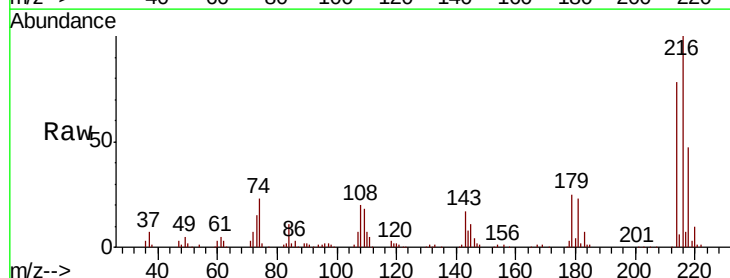
Ion Ratio Lower Upper

216 100

214 78.2 62.4 93.6

179 23.6 18.7 28.1

108 18.9 15.3 22.9

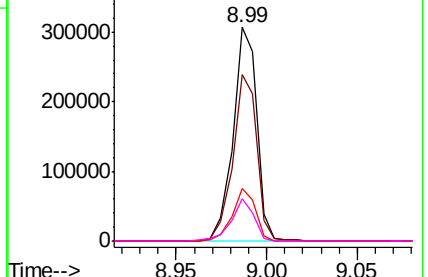
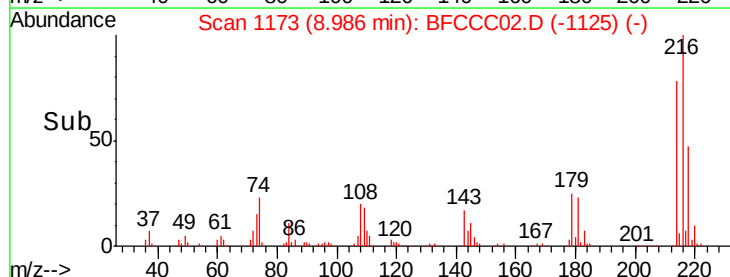


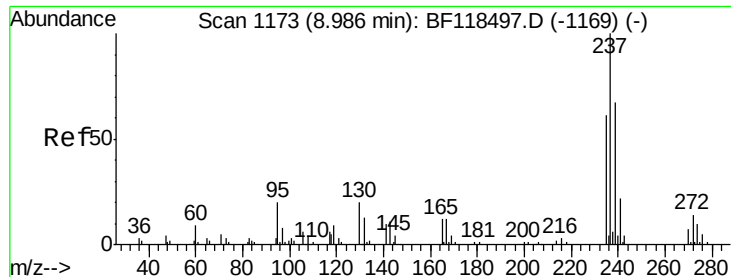
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.445 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

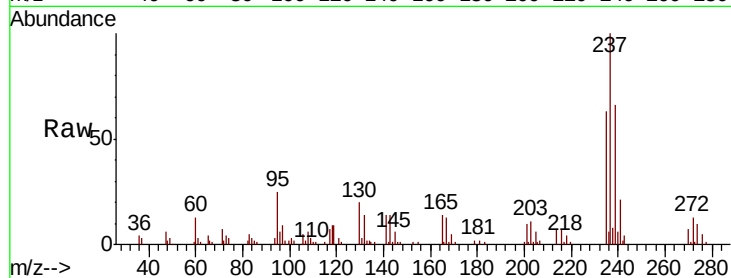
Tot Ion:237 Resp: 47711

Ion Ratio Lower Upper

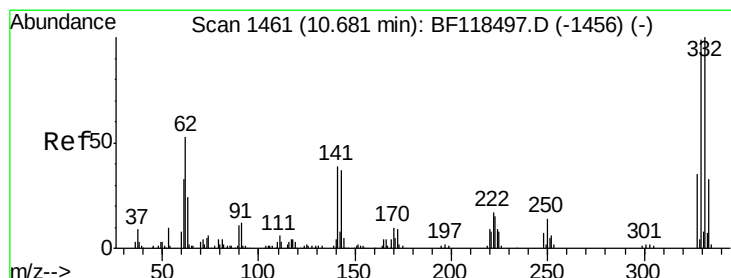
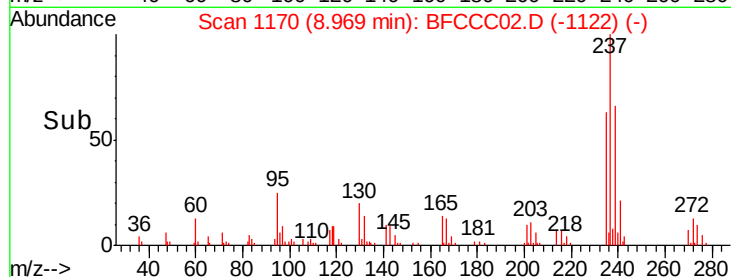
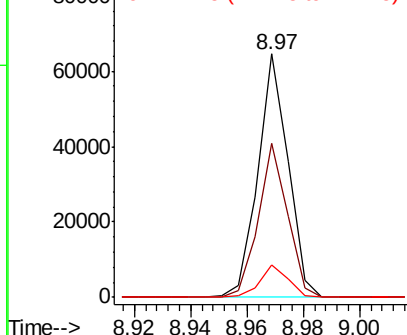
237 100

235 63.5 40.8 80.8

272 13.3 0.0 34.2



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: 87.921 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

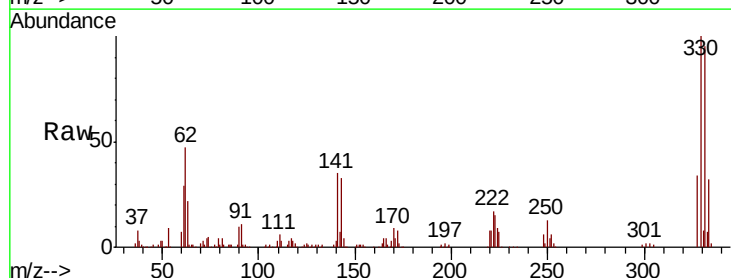
Tgt Ion:330 Resp: 225319

Ion Ratio Lower Upper

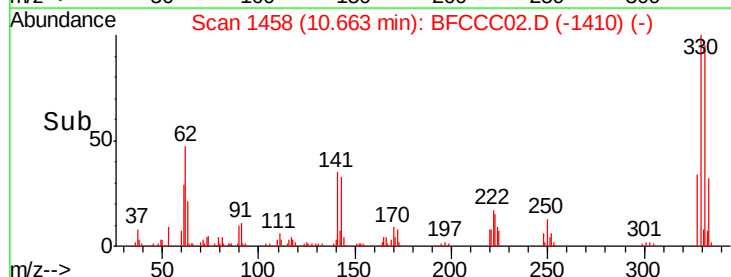
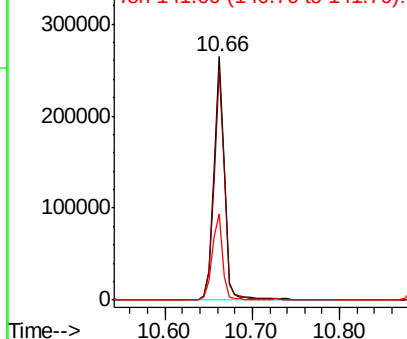
330 100

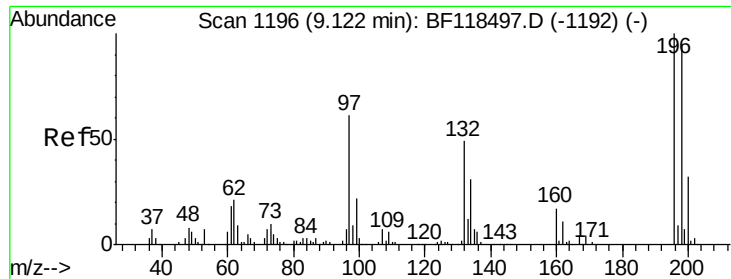
332 94.4 77.9 116.9

141 34.7 28.6 43.0



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

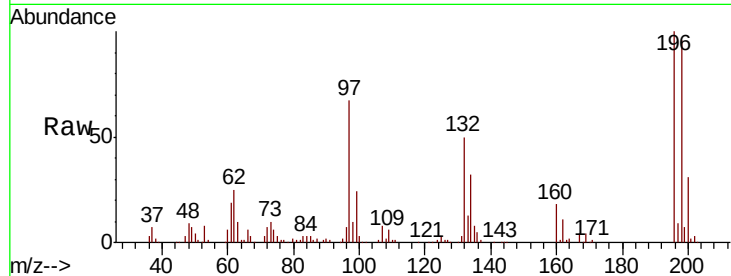




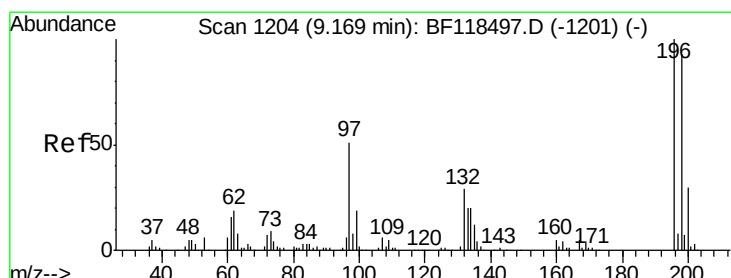
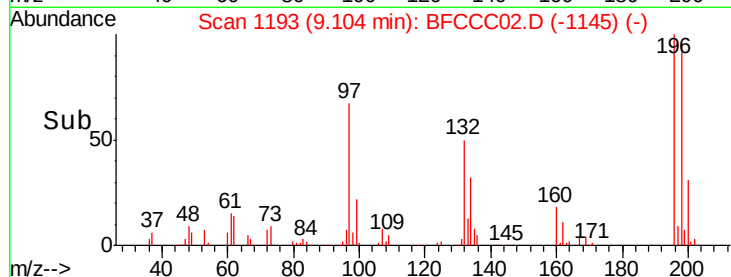
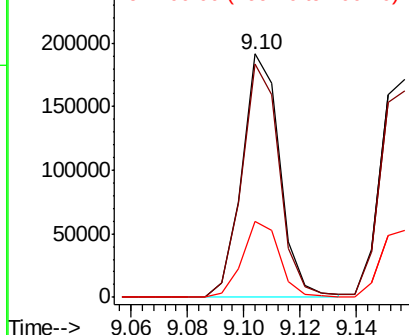
#43
 2,4,6-Trichlorophenol
 Concen: 43.172 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 178024
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 200 31.0 25.2 37.8

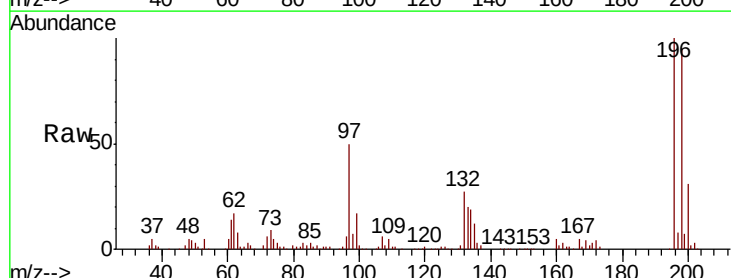


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

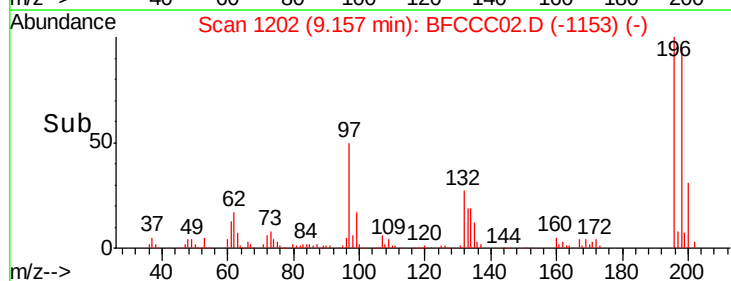
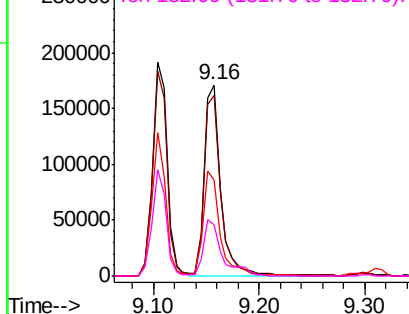


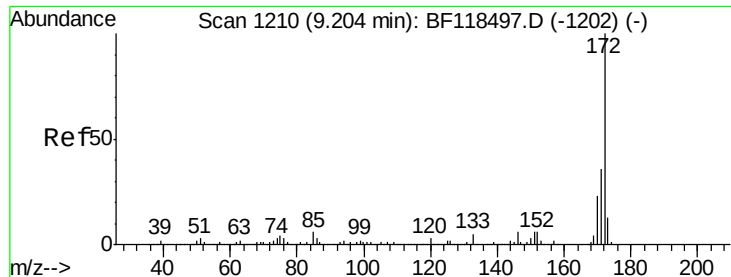
#44
 2,4,5-Trichlorophenol
 Concen: 43.209 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:196 Resp: 184382
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.7 112.1
 97 50.1 40.7 61.1
 132 27.0 23.7 35.5



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): BFC
 Ion 132.00 (131.70 to 132.70): E

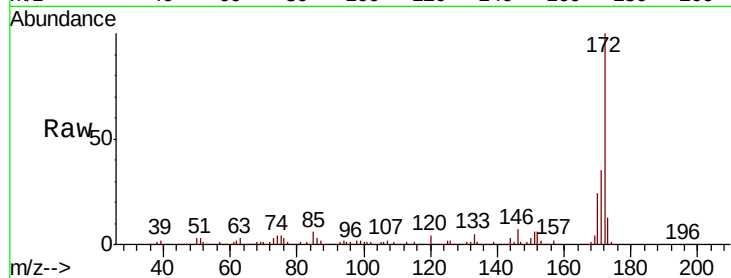




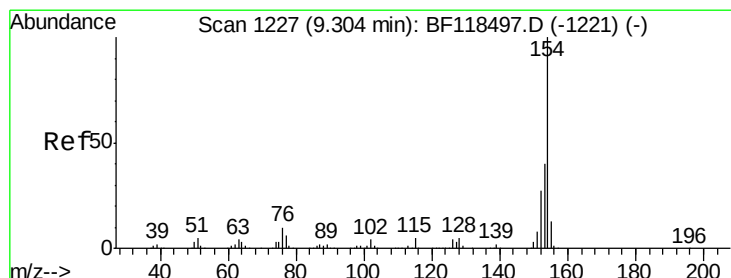
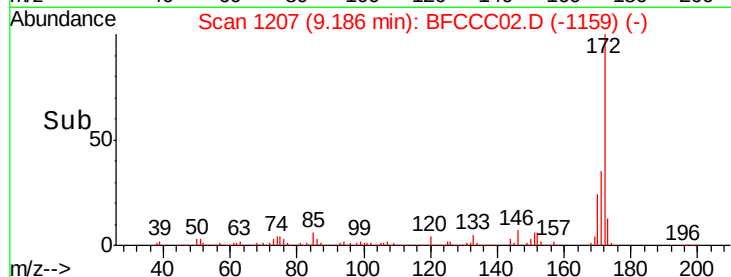
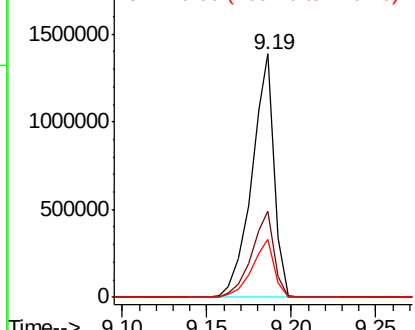
#45
2-Fluorobiphenyl
Concen: 84.340 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1277181
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.7 18.6 27.8

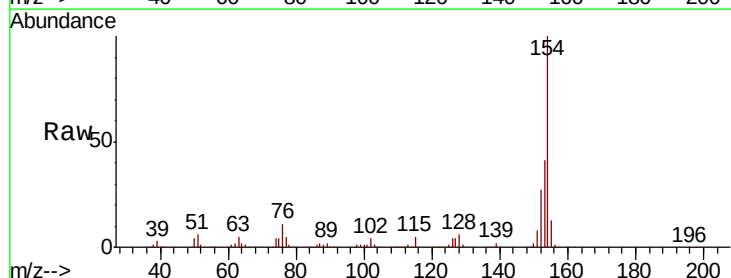


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

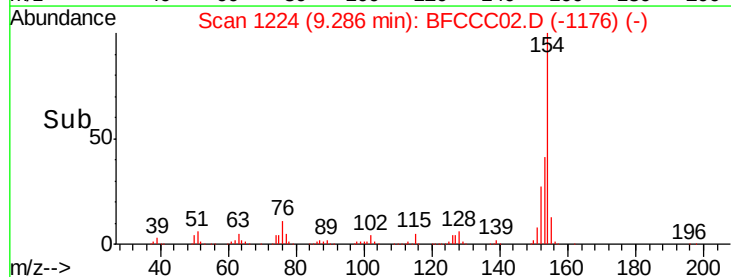
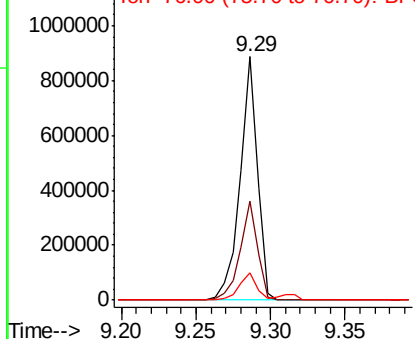


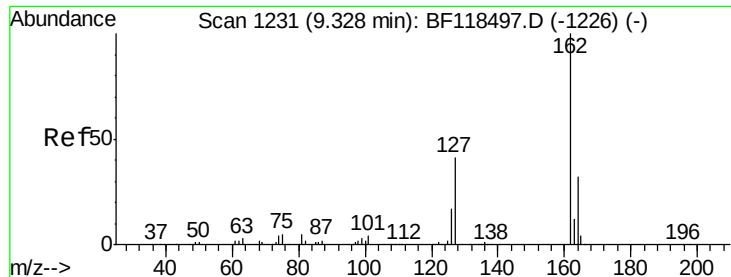
#46
1,1'-Biphenyl
Concen: 40.631 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:154 Resp: 721021
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 11.1 0.0 30.4



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

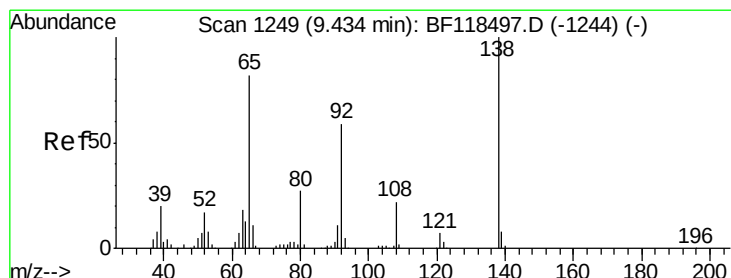
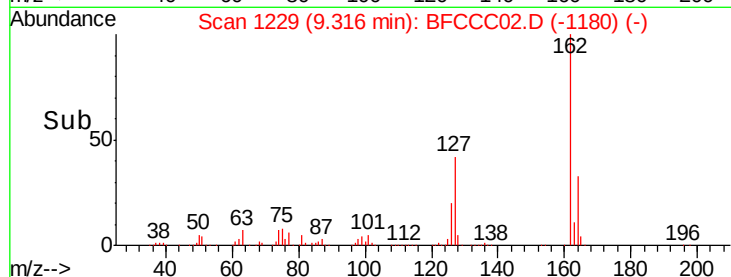
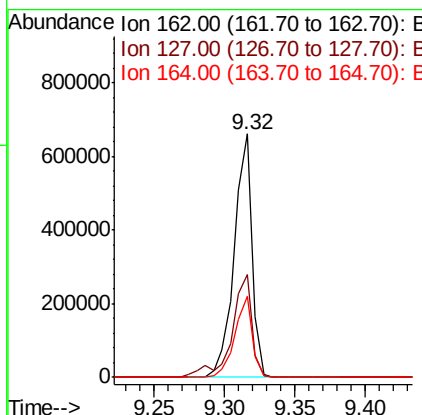
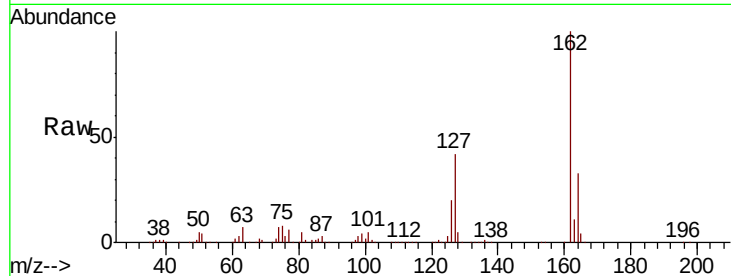




#47
 2-Chloronaphthalene
 Concen: 41.422 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

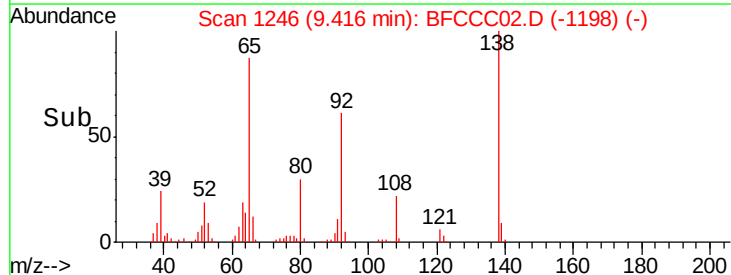
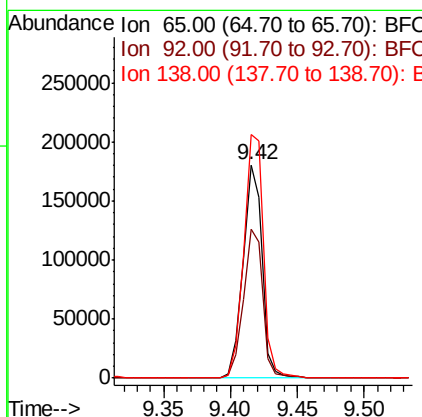
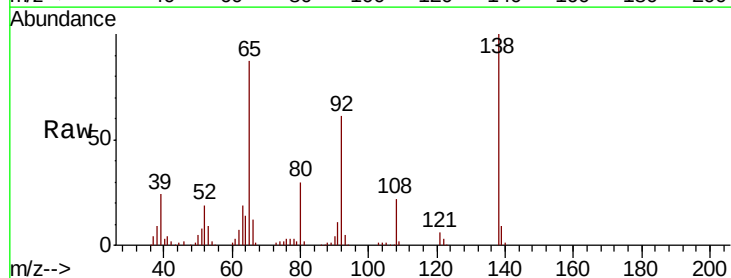
Instrument :
 BNA_F
 ClientSampleId :

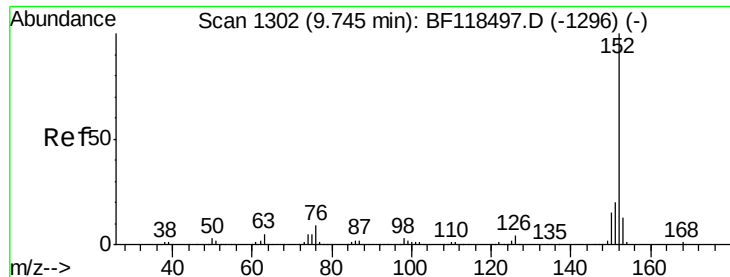
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	35.5	53.3
164	33.2	25.8	38.8



#48
 2-Nitroaniline
 Concen: 43.827 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.7	86.5
138	114.3	97.2	145.8





#49

Acenaphthylene

Concen: 41.892 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

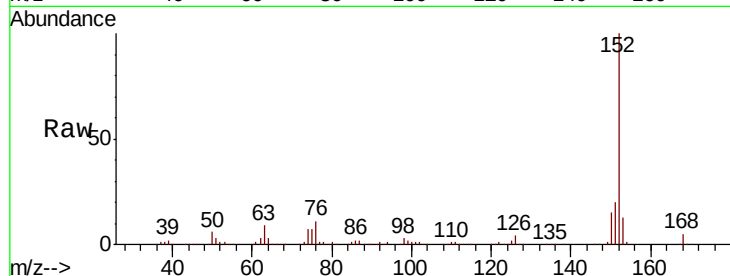
Tot Ion:152 Resp: 875847

Ion Ratio Lower Upper

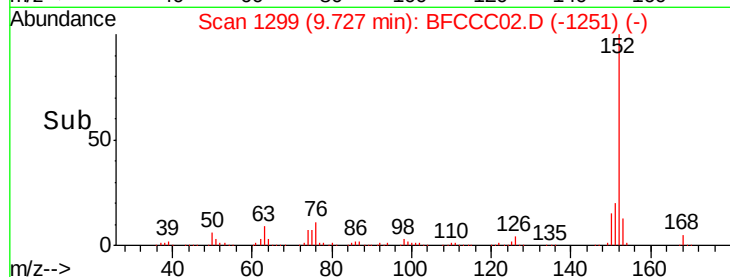
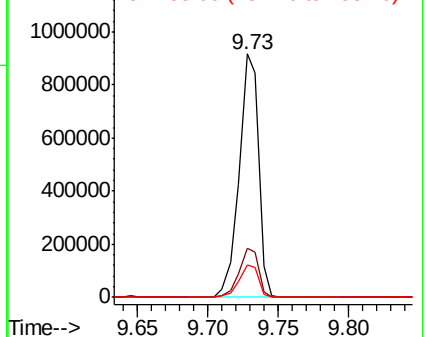
152 100

151 20.1 16.3 24.5

153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.613 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

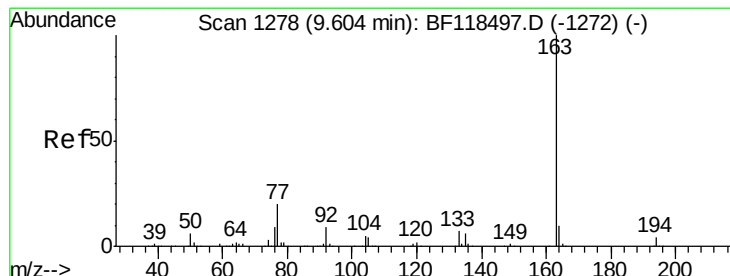
Tgt Ion:163 Resp: 693654

Ion Ratio Lower Upper

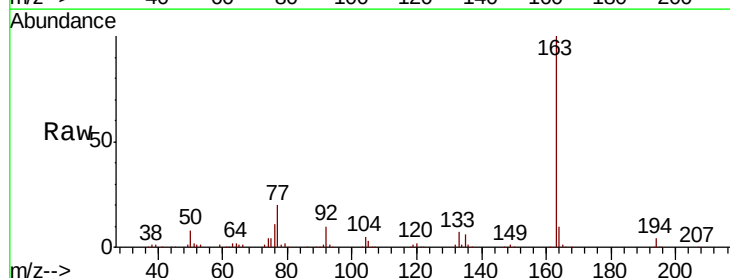
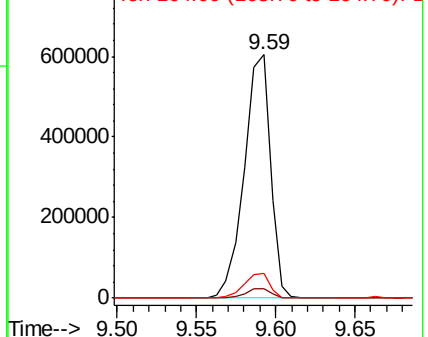
163 100

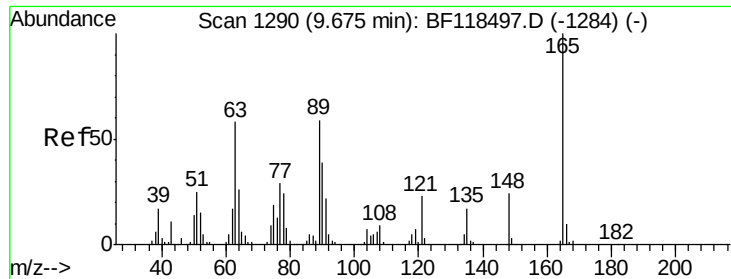
194 3.9 3.0 4.6

164 10.0 8.1 12.1



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

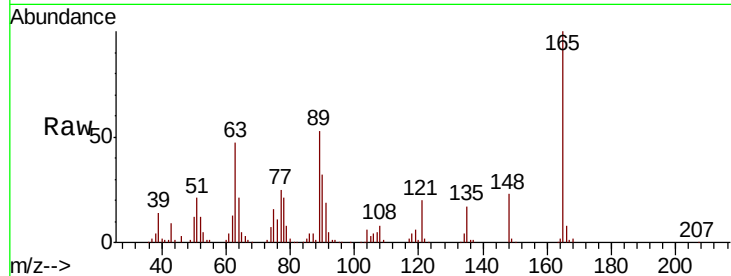




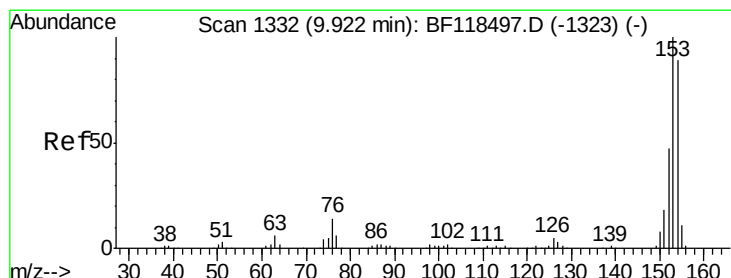
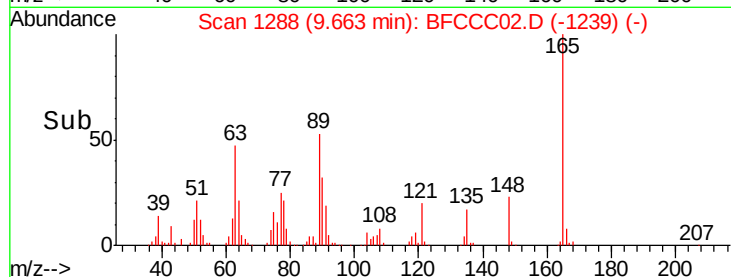
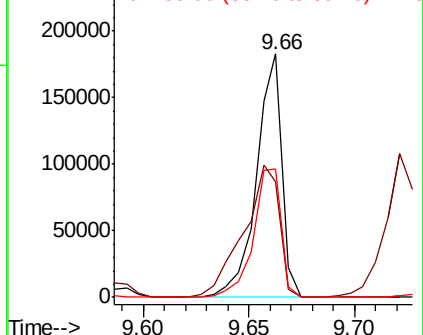
#51
2,6-Dinitrotoluene
Concen: 42.597 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 152909
Ion Ratio Lower Upper
165 100
63 47.2 46.6 70.0
89 52.5 47.5 71.3

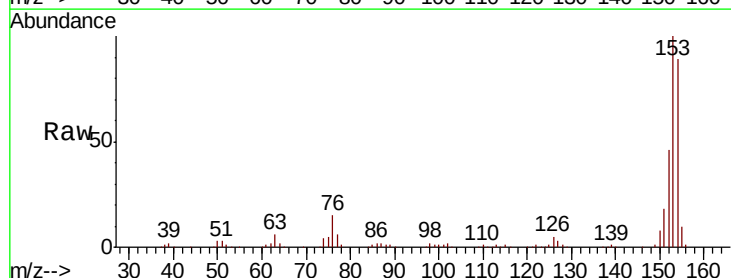


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFC
Ion 89.00 (88.70 to 89.70): BFC

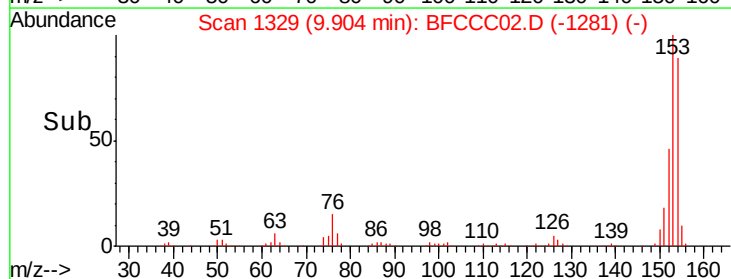
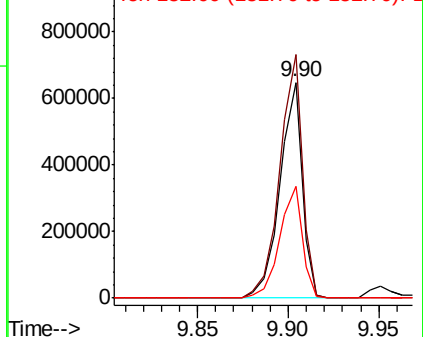


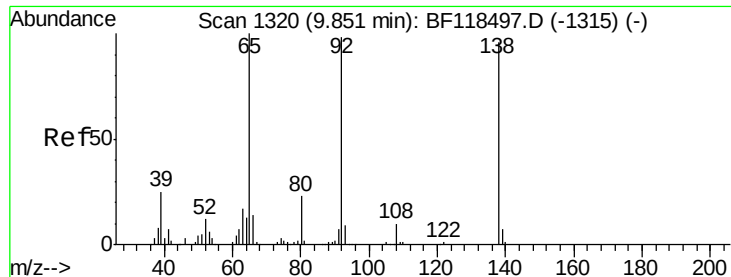
#52
Acenaphthene
Concen: 43.539 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:154 Resp: 555874
Ion Ratio Lower Upper
154 100
153 112.8 89.7 134.5
152 52.0 41.9 62.9



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

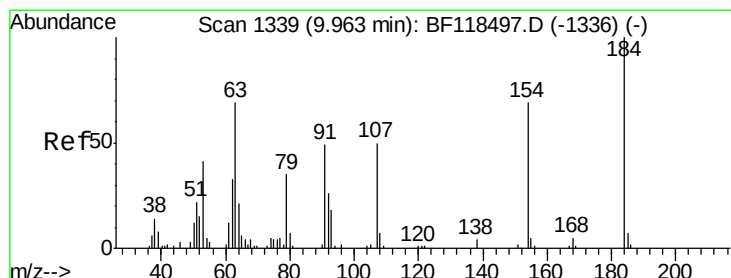
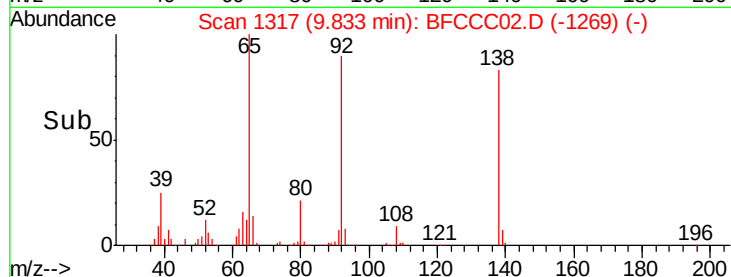
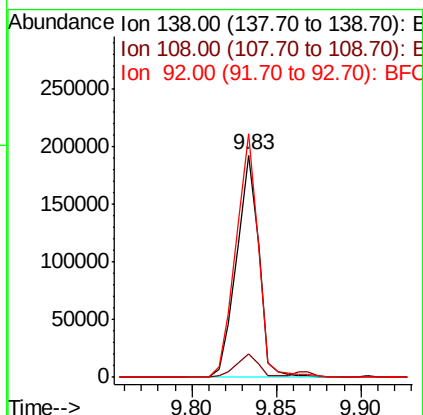
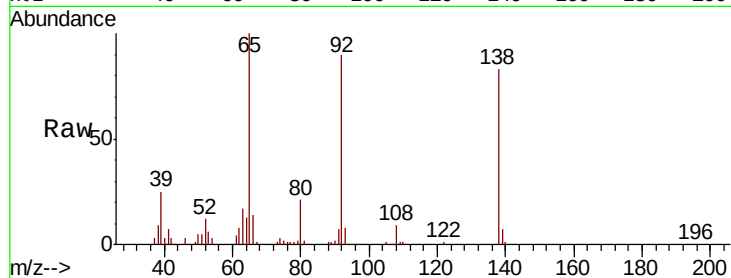




#53
 3-Nitroaniline
 Concen: 42.167 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

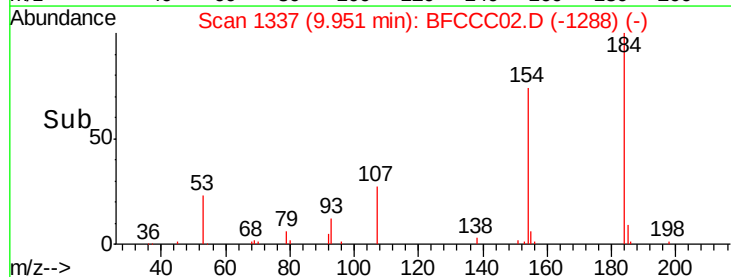
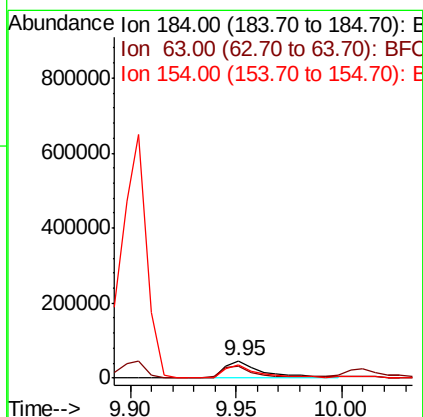
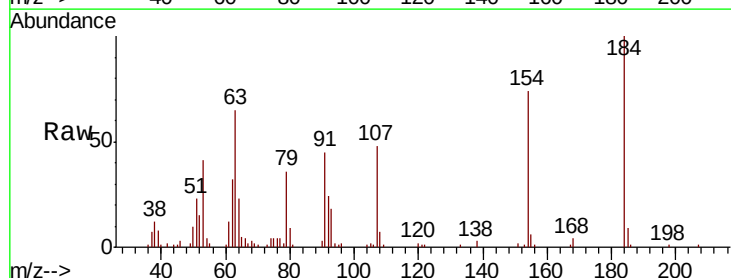
Instrument :
 BNA_F
 ClientSampled :

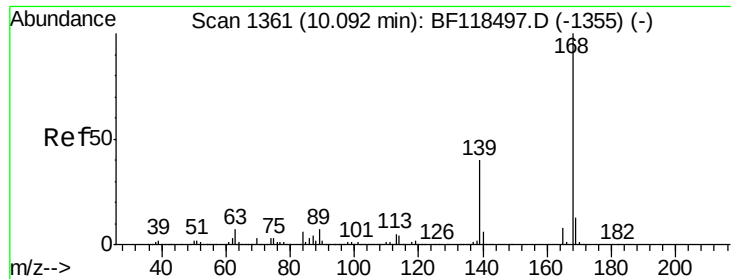
Tot Ion:138 Resp: 177308
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.1 12.1
 92 109.4 81.6 122.4



#54
 2,4-Dinitrophenol
 Concen: 39.343 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:184 Resp: 57478
 Ion Ratio Lower Upper
 184 100
 63 65.1 55.3 82.9
 154 73.9 55.0 82.4

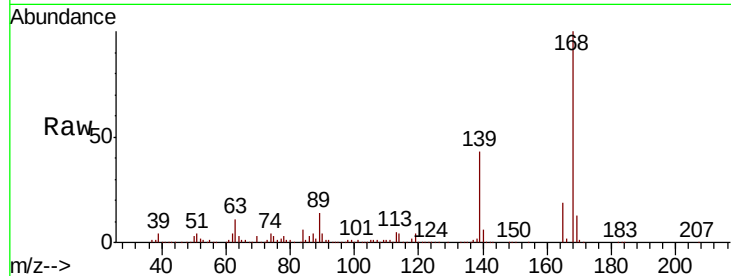




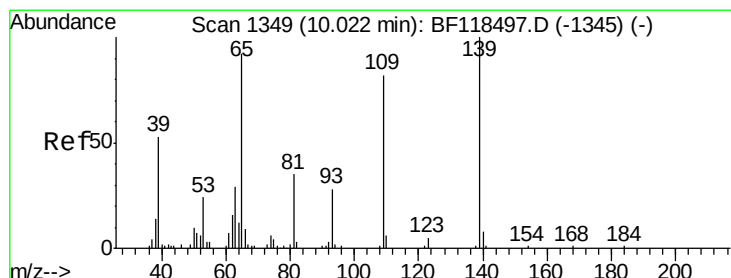
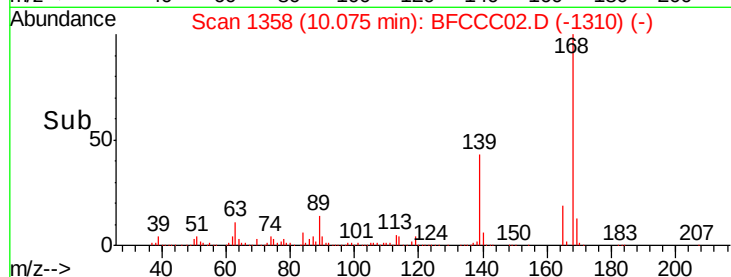
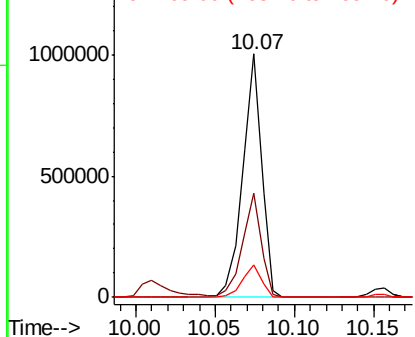
#55
Dibenzenofuran
Concen: 43.211 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 828619
Ion Ratio Lower Upper
168 100
139 42.6 32.5 48.7
169 13.3 10.6 16.0

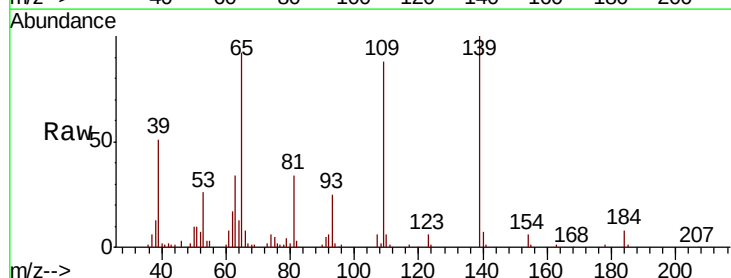


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

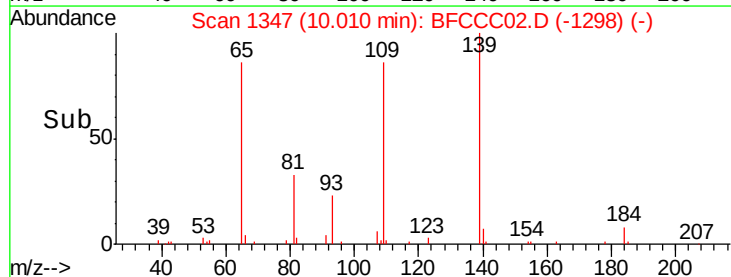
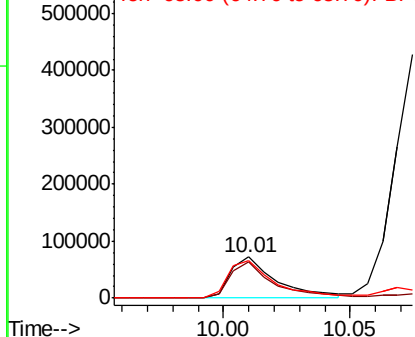


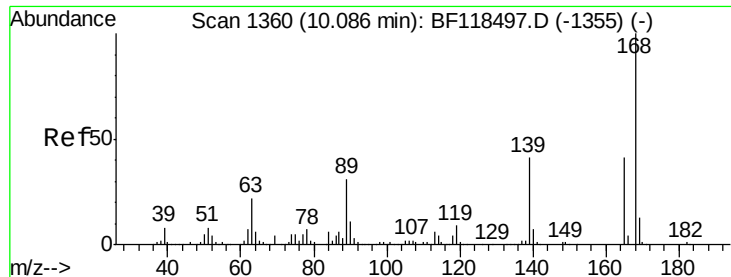
#56
4-Nitrophenol
Concen: 44.216 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:139 Resp: 90274
Ion Ratio Lower Upper
139 100
109 88.0 62.2 102.2
65 91.8 72.8 112.8



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): BFC

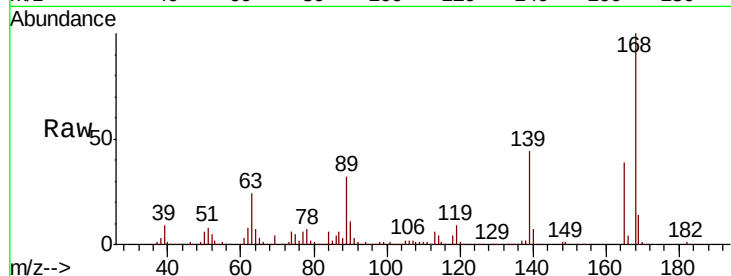




#57
 2,4-Dinitrotoluene
 Concen: 44.627 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	44.1	66.1
89	81.4	60.4	90.6
182	2.7	2.0	3.0



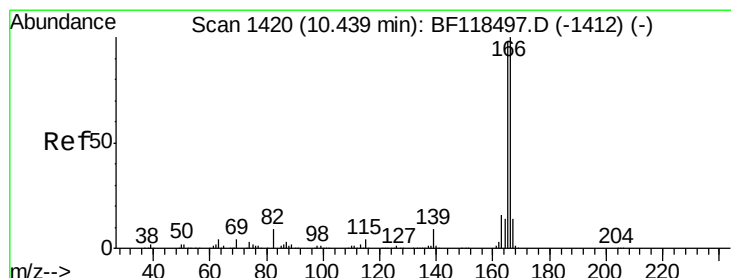
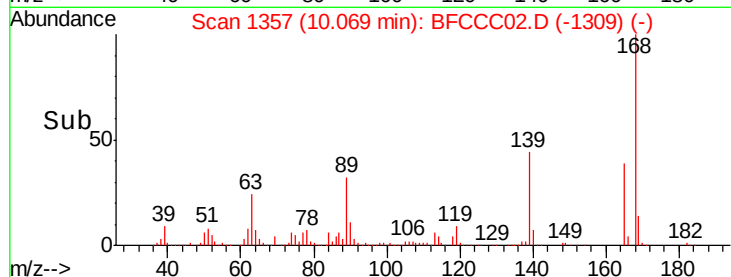
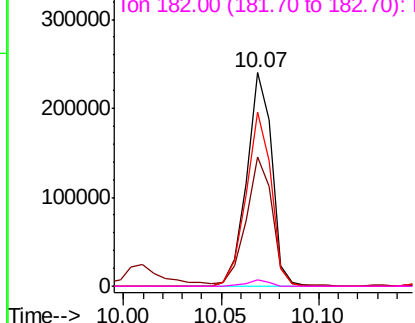
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFC

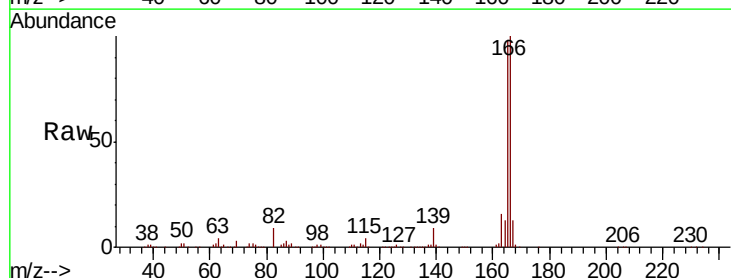
Ion 89.00 (88.70 to 89.70): BFC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.944 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.3	10.8	16.2

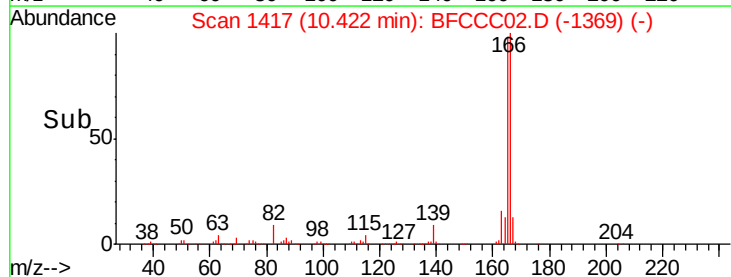
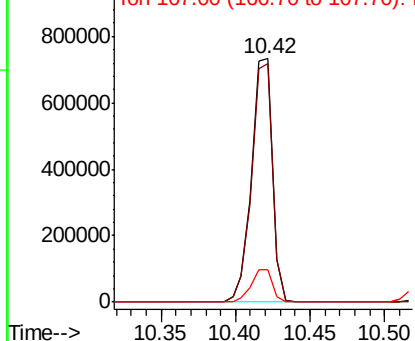


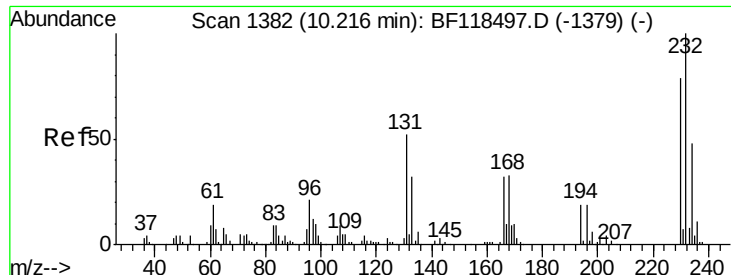
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

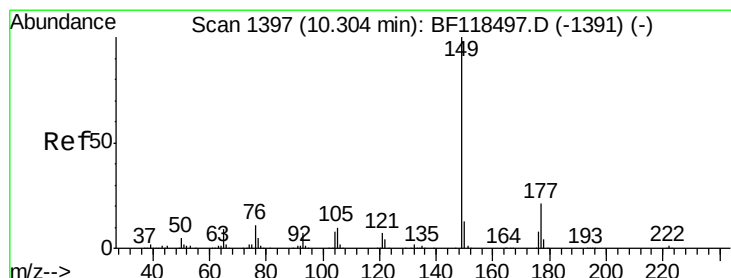
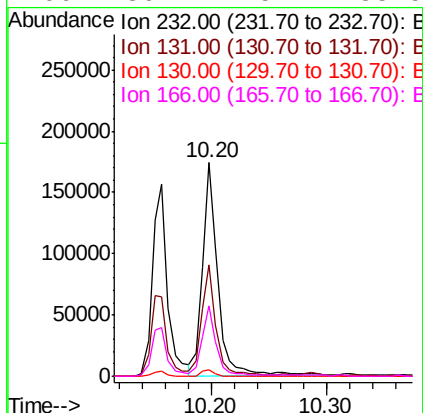
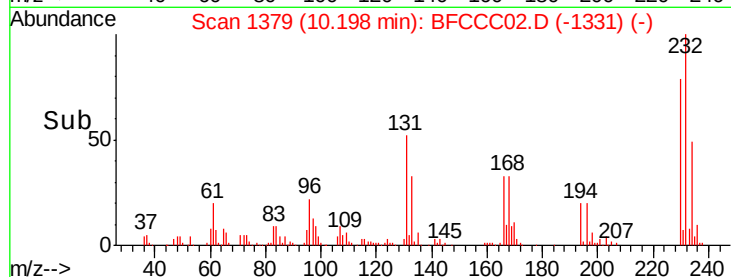
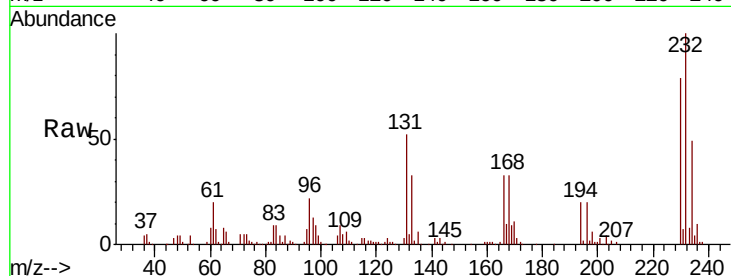




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.563 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

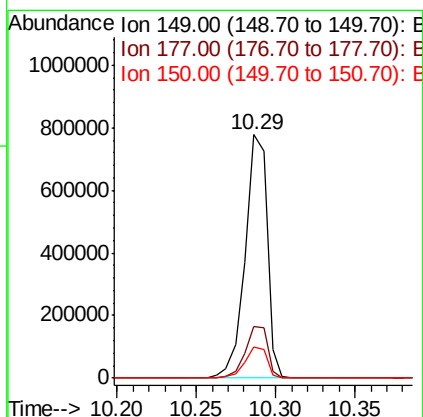
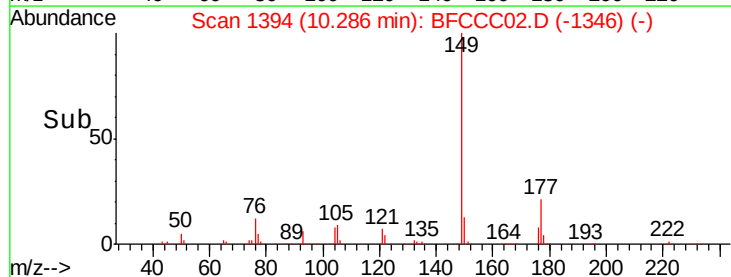
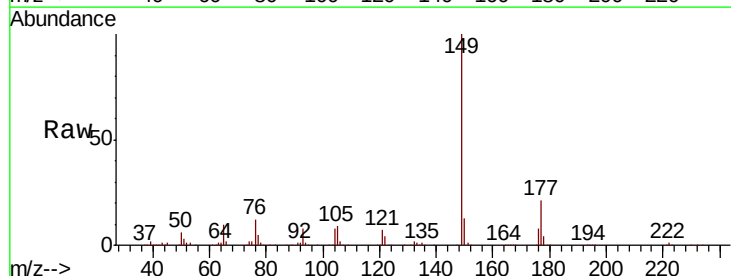
Instrument :
BNA_F
ClientSampleId :

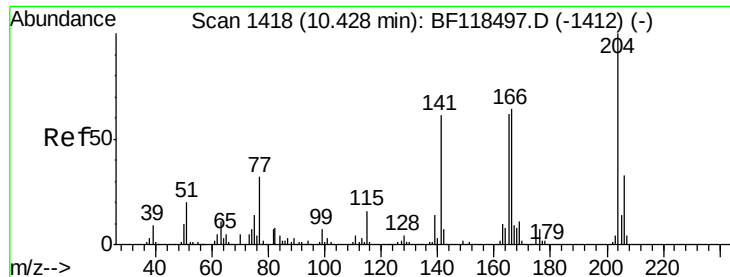
Tot Ion:232 Resp: 160811
Ion Ratio Lower Upper
232 100
131 51.1 42.2 63.4
130 2.9 2.1 3.1
166 30.7 25.7 38.5



#60
Diethylphthalate
Concen: 44.047 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:149 Resp: 747426
Ion Ratio Lower Upper
149 100
177 21.4 16.5 24.7
150 12.8 10.2 15.2

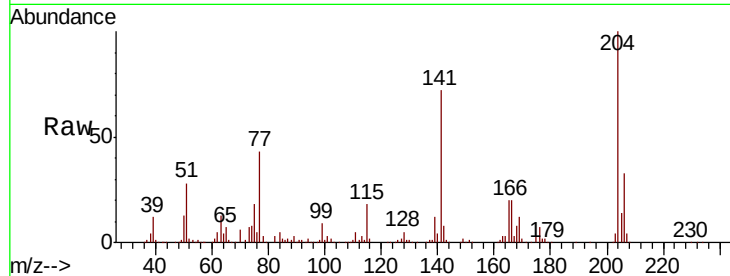




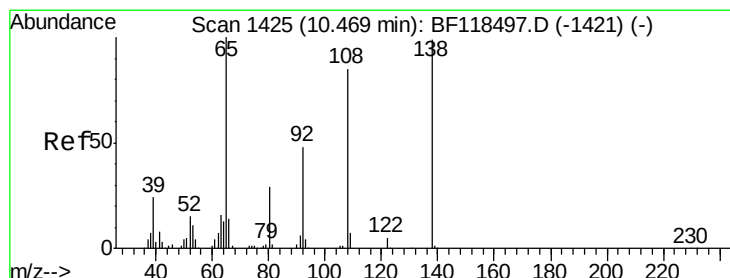
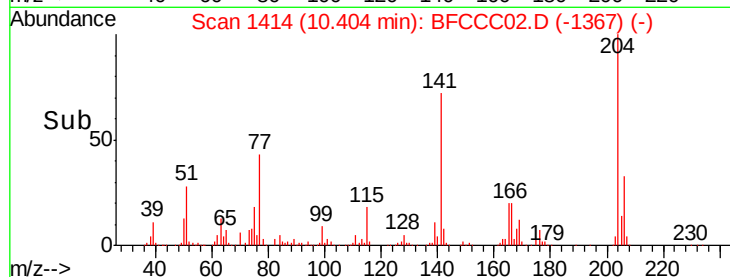
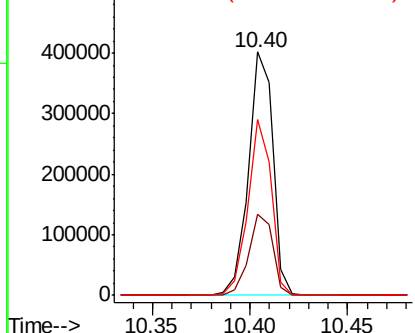
#61
 4-Chlorophenyl-phenylether
 Concen: 45.259 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 348555
 Ion Ratio Lower Upper
 204 100
 206 33.3 26.0 39.0
 141 72.1 49.0 73.6

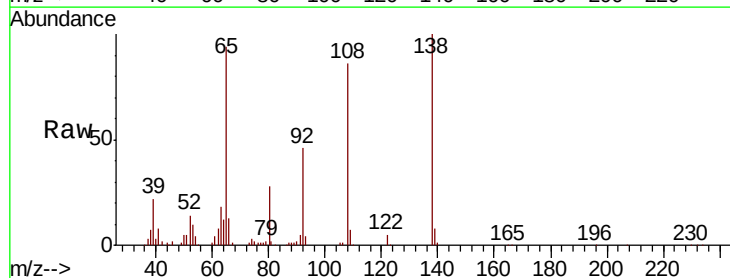


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

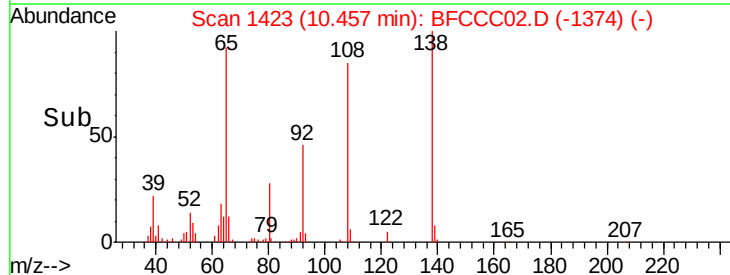
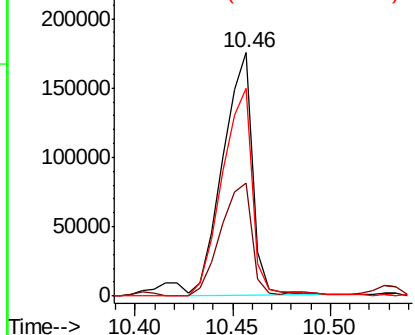


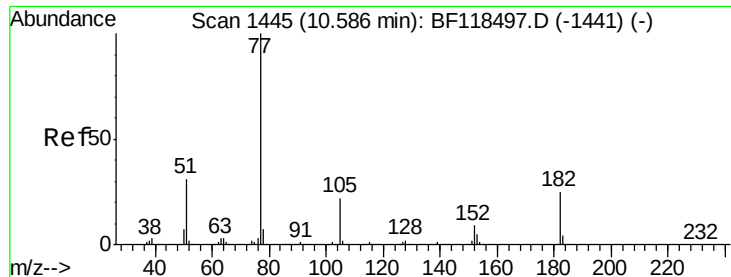
#62
 4-Nitroaniline
 Concen: 44.418 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:138 Resp: 182879
 Ion Ratio Lower Upper
 138 100
 92 46.4 27.9 67.9
 108 85.6 64.7 104.7



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

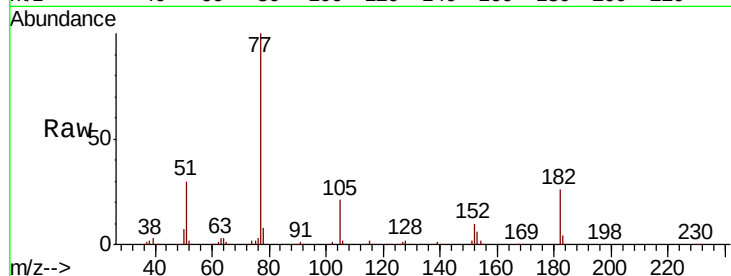




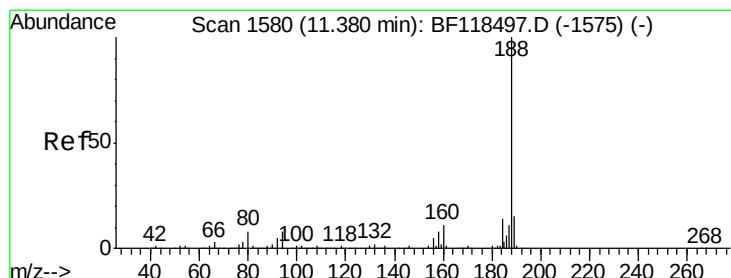
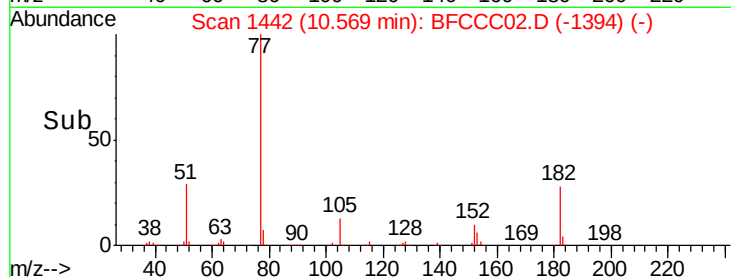
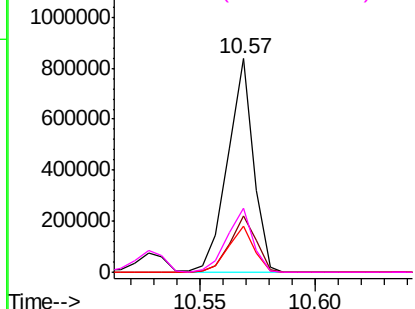
#63
Azobenzene
Concen: 45.032 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 649355
Ion Ratio Lower Upper
77 100
182 26.5 5.2 45.2
105 21.4 1.7 41.7
51 30.1 11.2 51.2

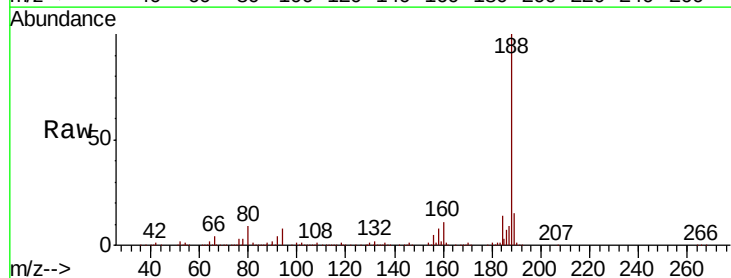


Abundance Ion 77.00 (76.70 to 77.70): BFC
Ion 182.00 (181.70 to 182.70): BFC
Ion 105.00 (104.70 to 105.70): BFC
Ion 51.00 (50.70 to 51.70): BFC

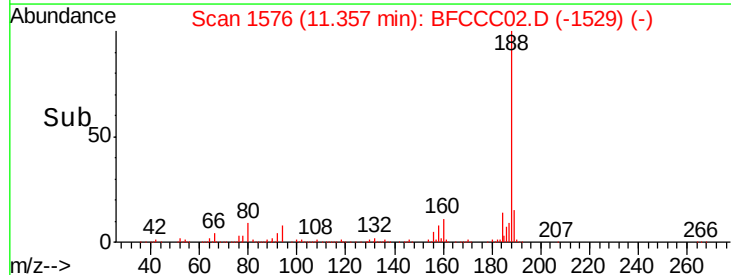
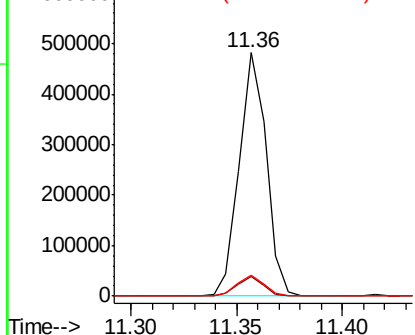


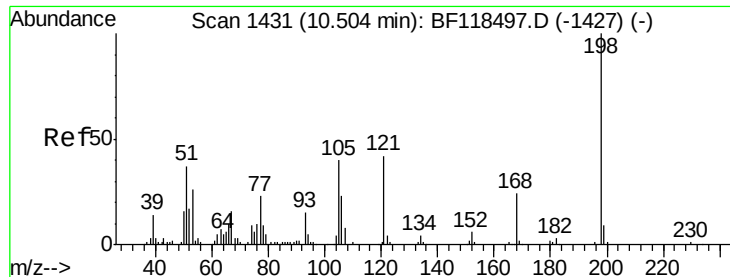
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion: 188 Resp: 428799
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.5 6.6 10.0



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

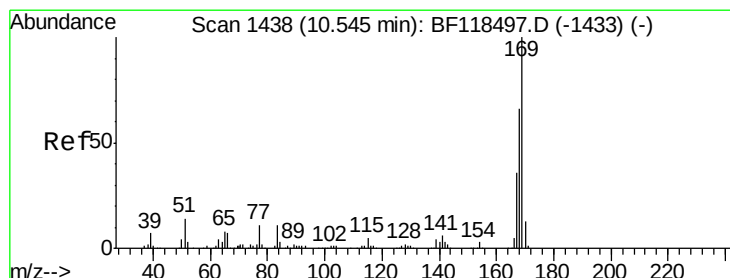
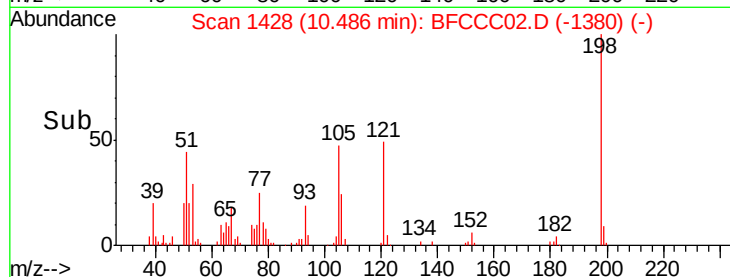
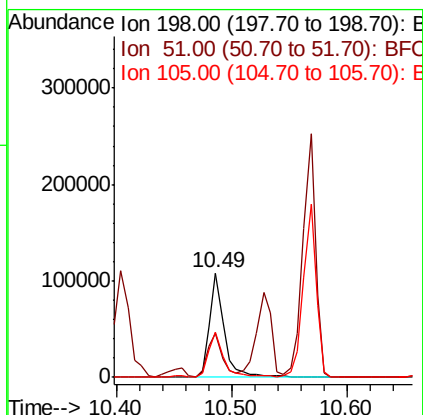
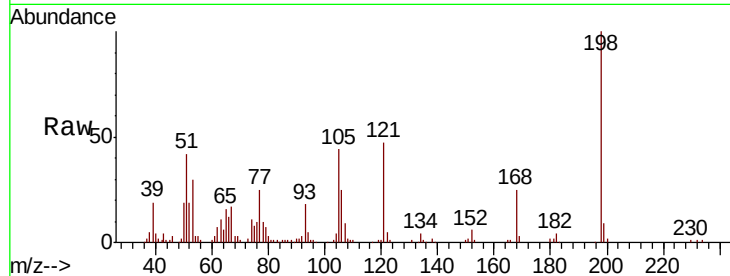




#65
4,6-Dinitro-2-methylphenol
Concen: 42.535 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

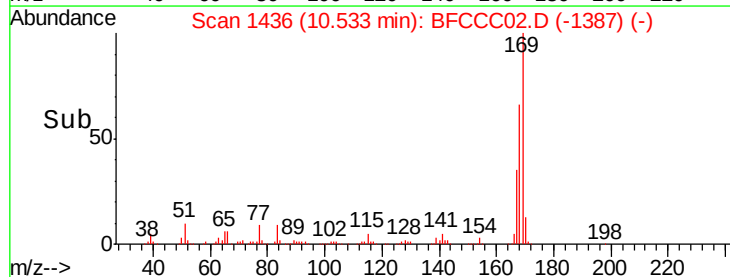
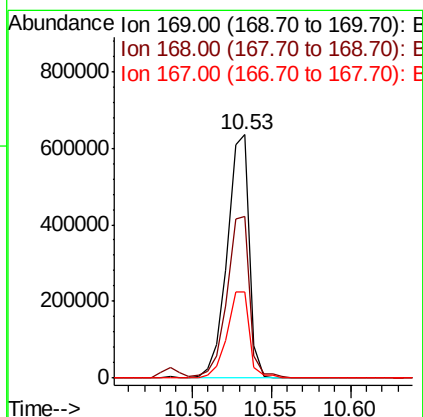
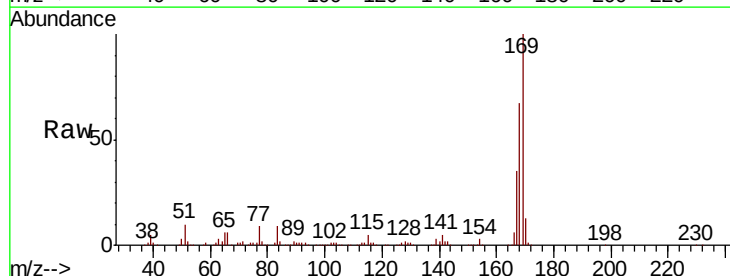
Instrument :
BNA_F
ClientSampleId :

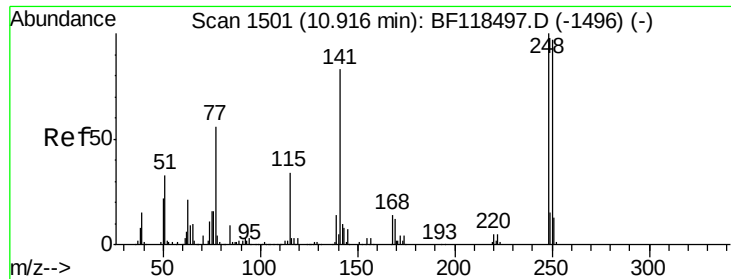
Tot Ion:198 Resp: 96417
Ion Ratio Lower Upper
198 100
51 41.9 17.8 57.8
105 43.9 20.1 60.1



#66
n-Nitrosodiphenylamine
Concen: 43.950 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:169 Resp: 613724
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 35.4 28.9 43.3

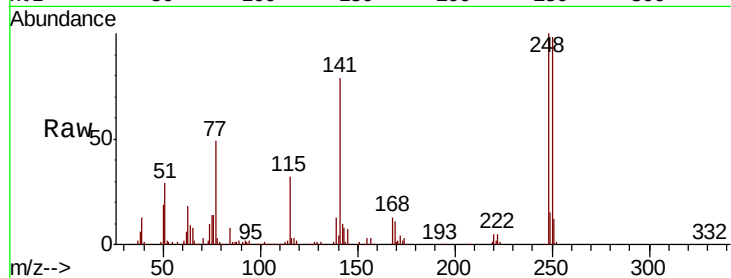




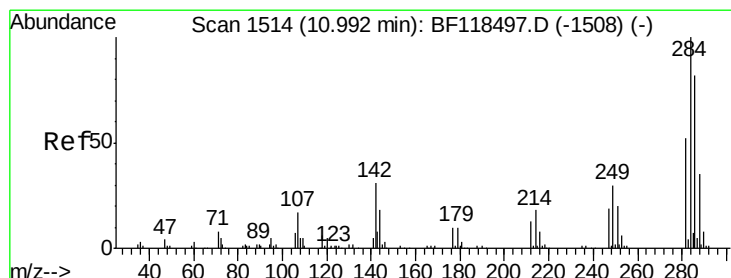
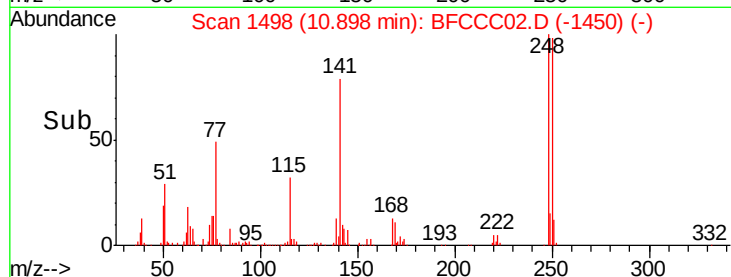
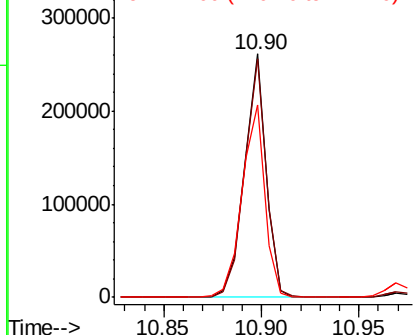
#67
4-Bromophenyl-phenylether
Concen: 40.129 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 201549
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.0
141 78.9 66.2 99.4

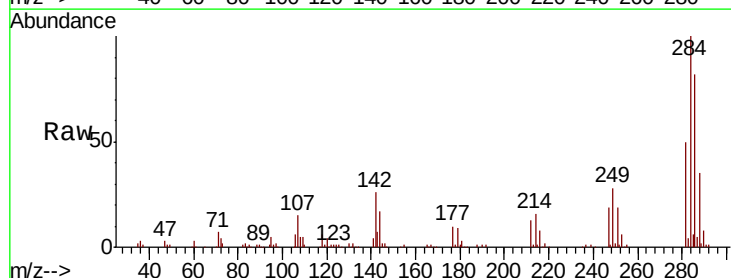


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

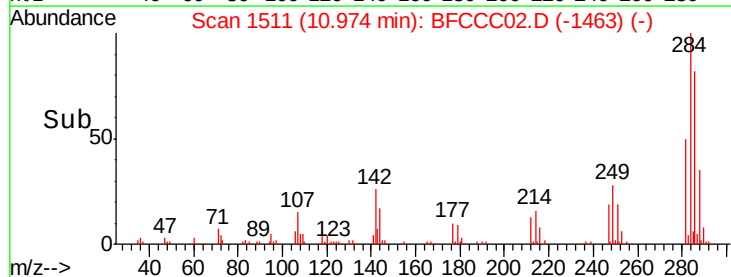
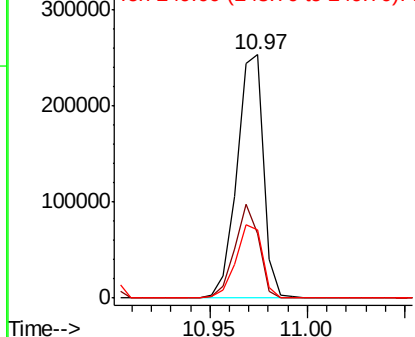


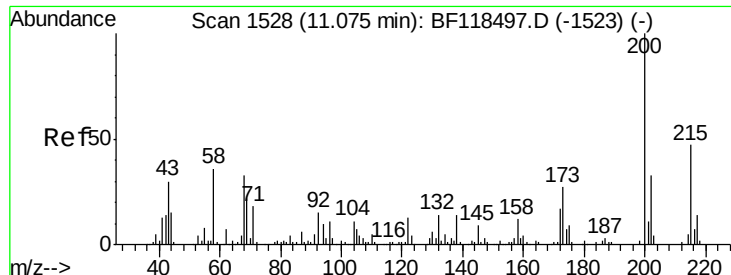
#68
Hexachlorobenzene
Concen: 39.672 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:284 Resp: 237942
Ion Ratio Lower Upper
284 100
142 26.3 24.6 37.0
249 27.8 24.0 36.0



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: 33.539 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

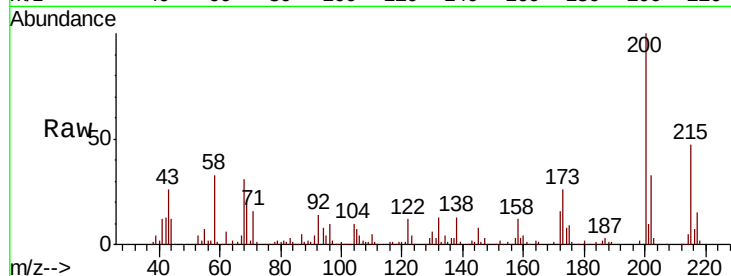
Tot Ion:200 Resp: 139163

Ion Ratio Lower Upper

200 100

173 25.5 7.0 47.0

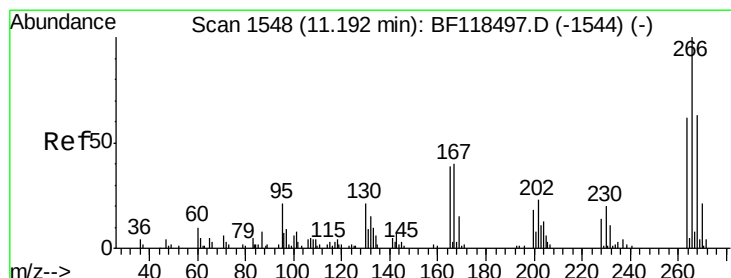
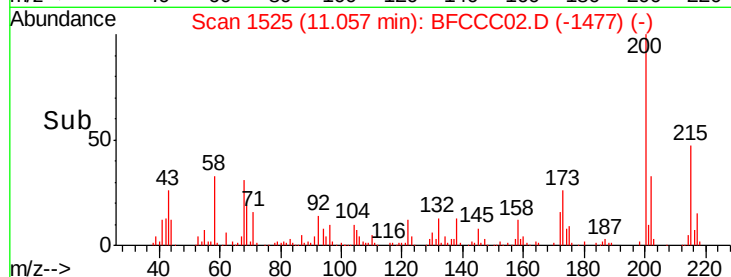
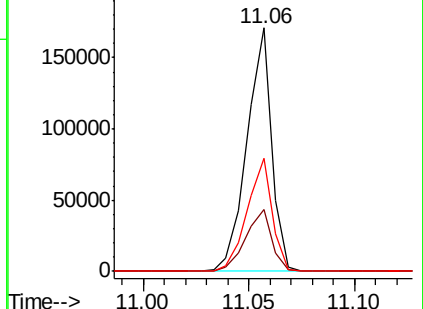
215 46.5 27.0 67.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.766 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

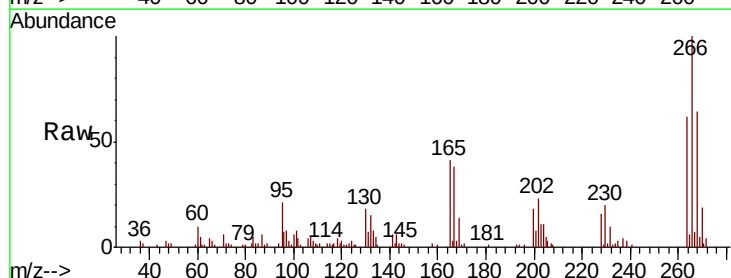
Tgt Ion:266 Resp: 78004

Ion Ratio Lower Upper

266 100

268 63.8 50.2 75.2

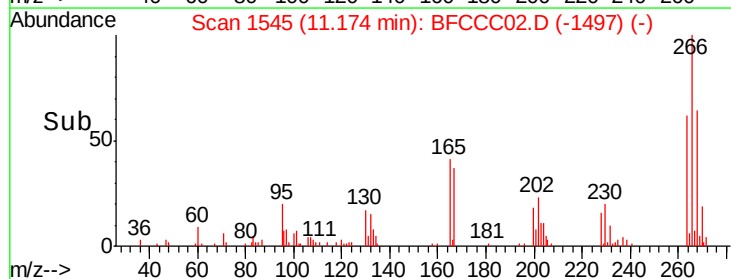
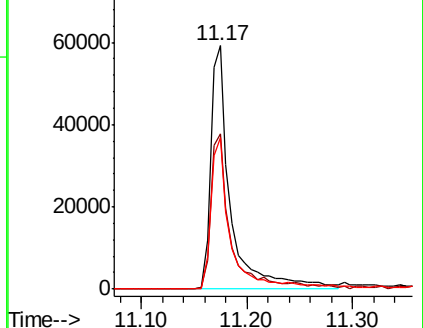
264 62.0 49.4 74.0

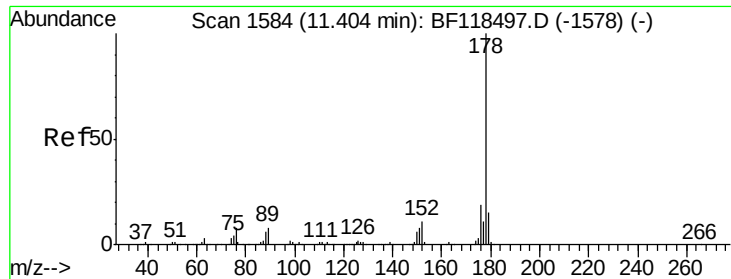


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.374 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

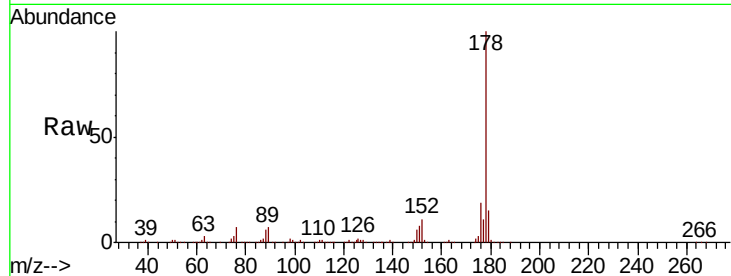
Tot Ion:178 Resp: 1041864

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

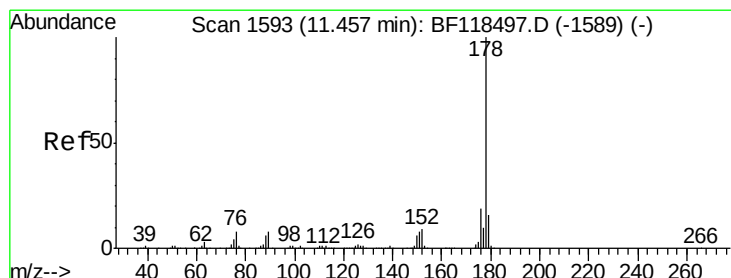
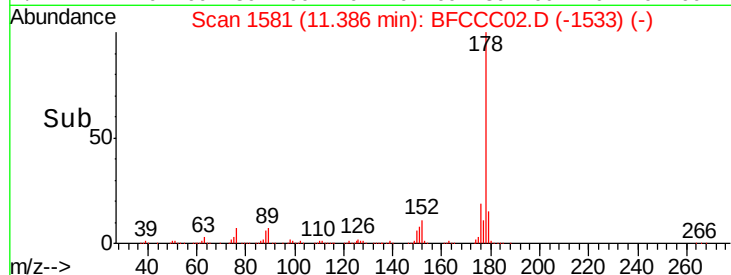
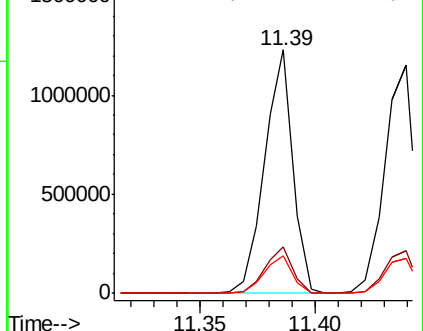
179 15.2 12.3 18.5



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: 42.923 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

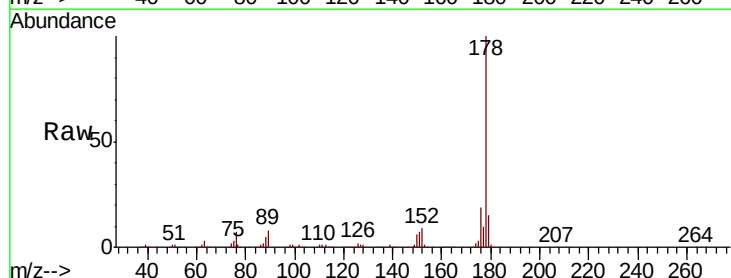
Tgt Ion:178 Resp: 1025718

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

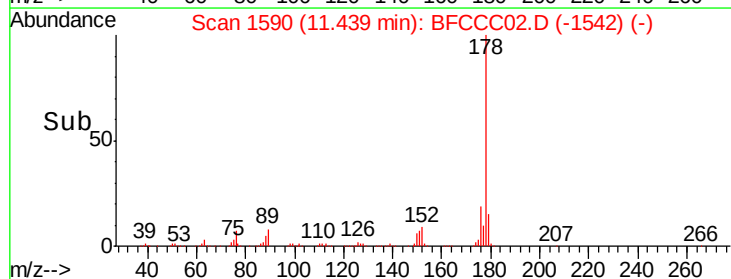
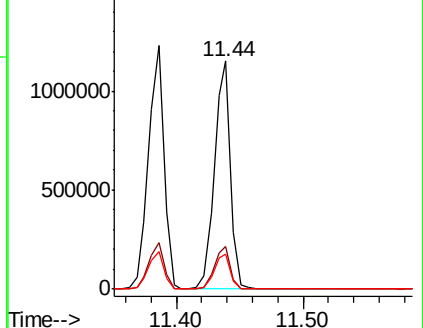
179 15.5 12.6 19.0

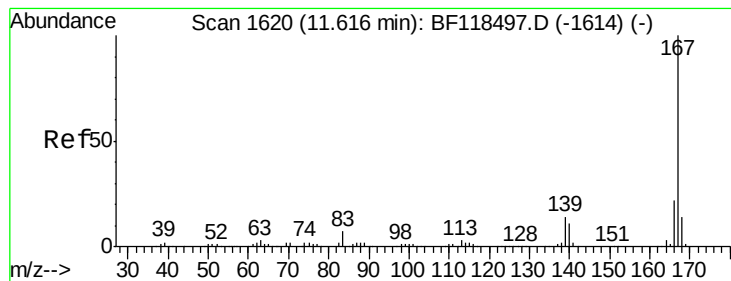


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.595 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

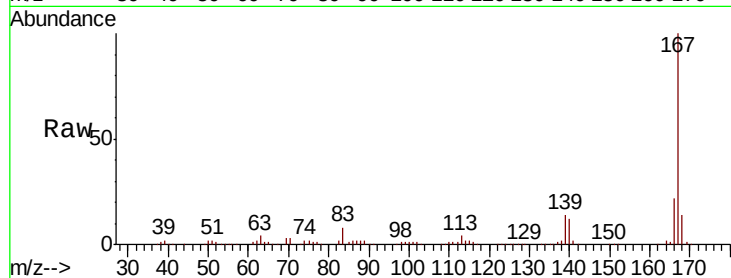
Tot Ion:167 Resp: 902457

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

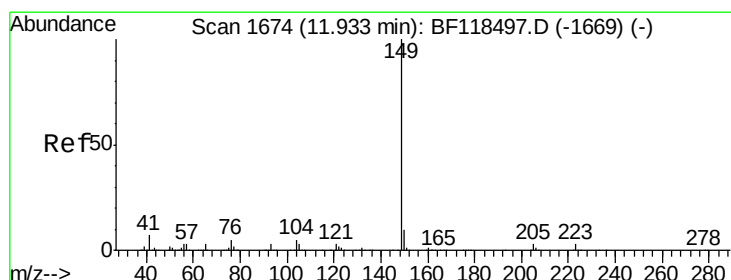
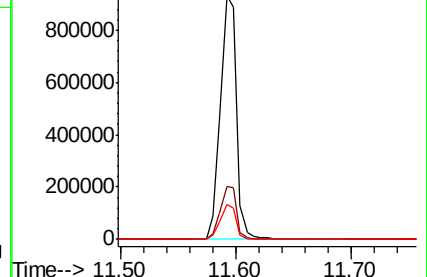
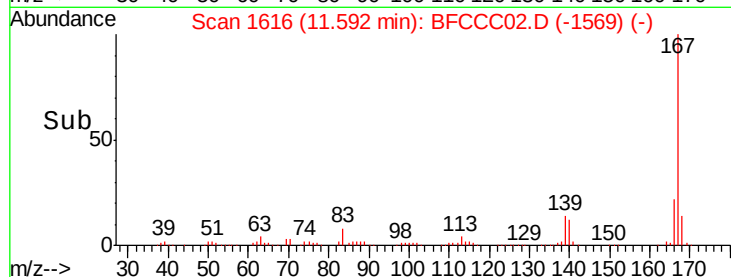
139 14.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.646 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

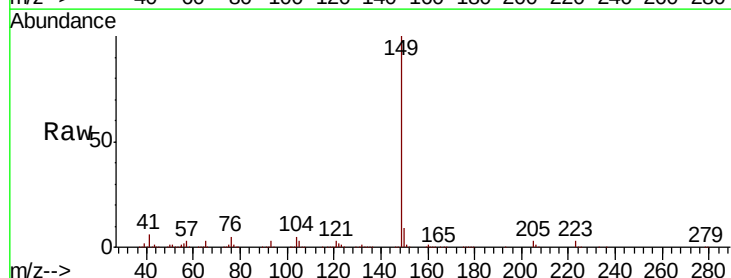
Tgt Ion:149 Resp: 1094898

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.8

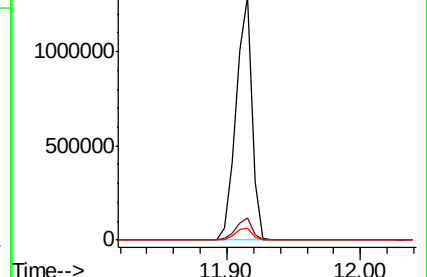
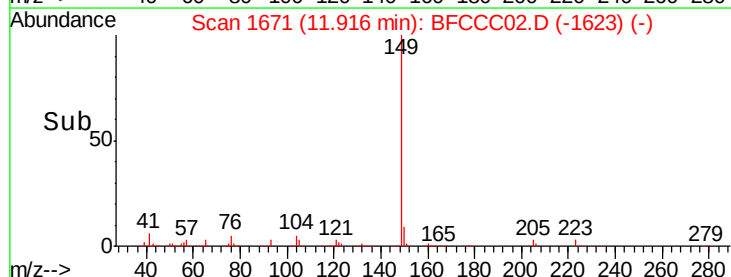
104 5.1 4.2 6.4

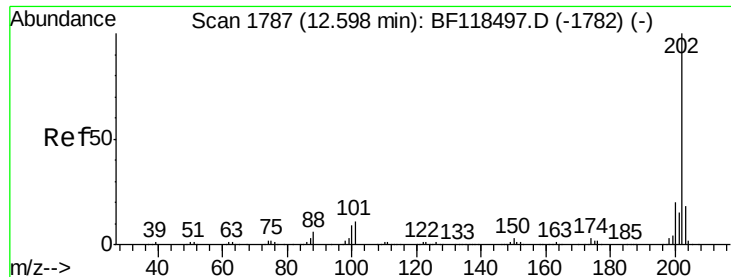


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.013 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

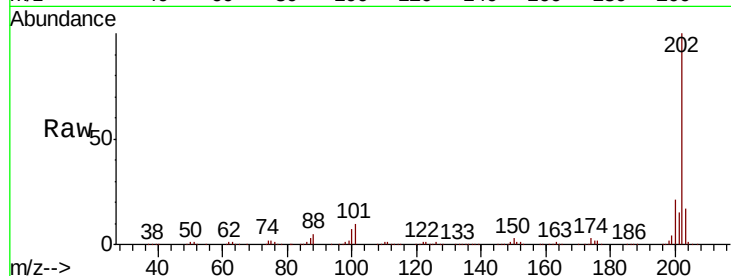
Tot Ion:202 Resp: 976910

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.4

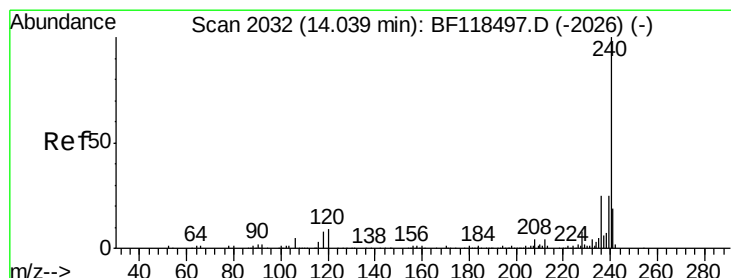
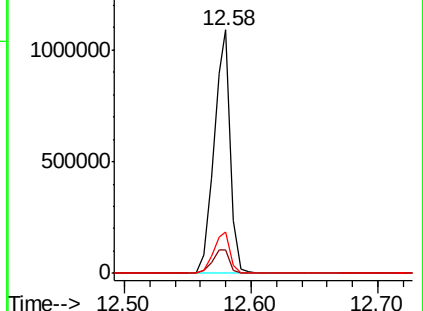
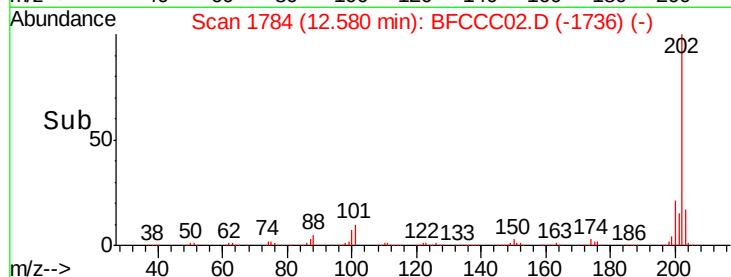
203 17.2 0.0 38.1



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: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

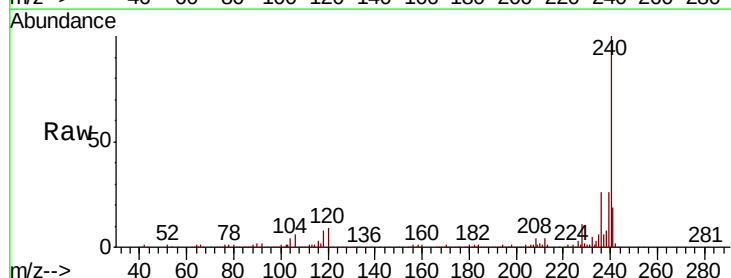
Tgt Ion:240 Resp: 276715

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

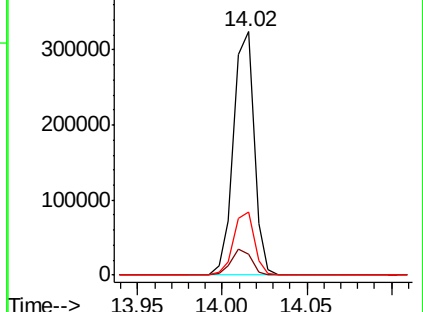
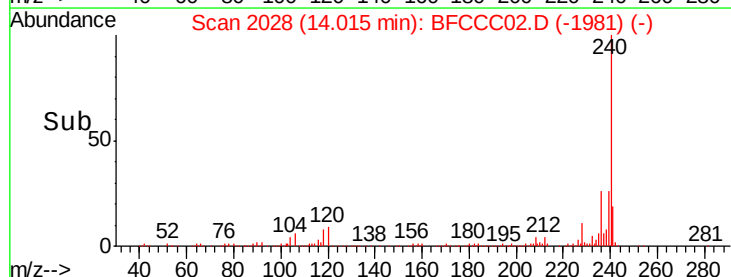
236 25.7 20.1 30.1

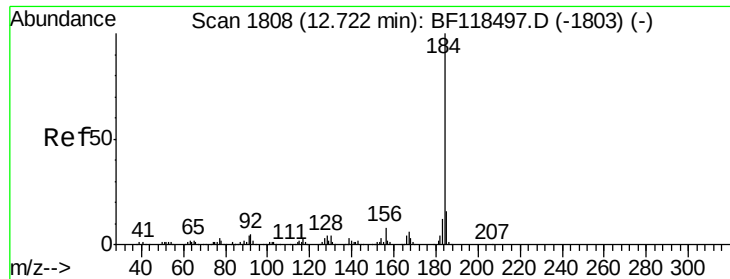


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

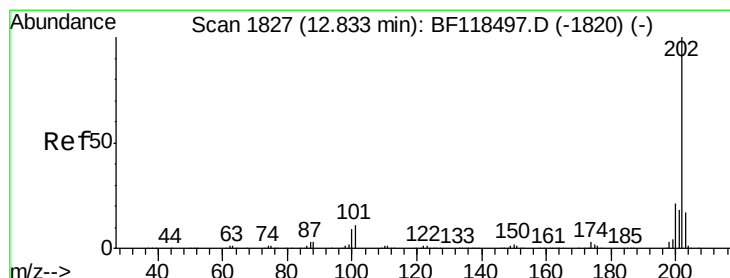
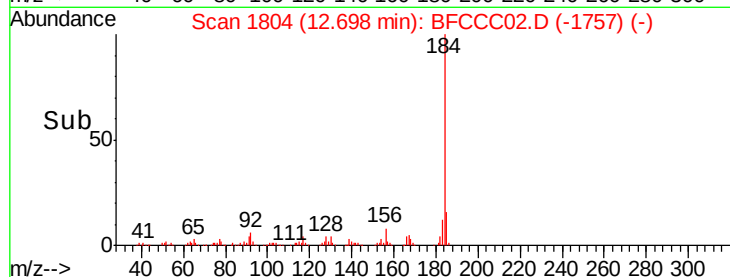
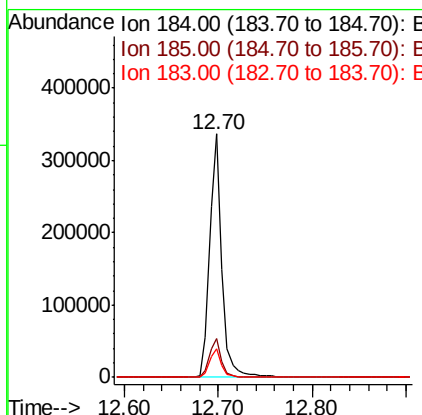
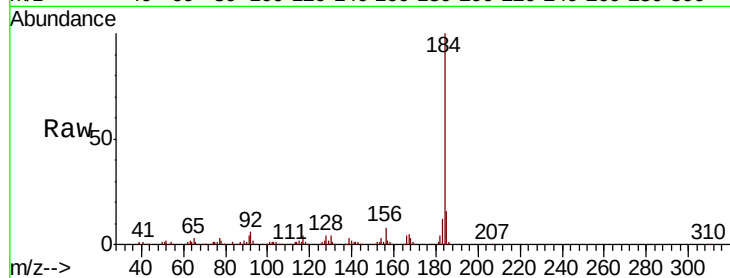




#77
Benzidine
Concen: 47.640 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

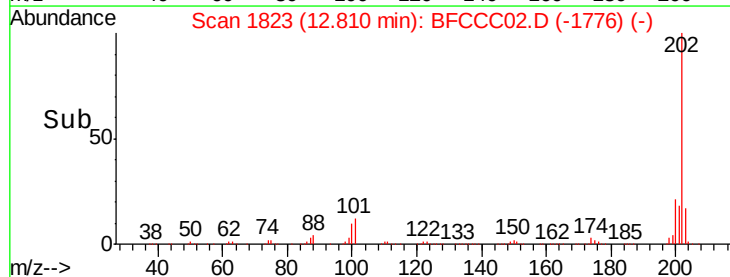
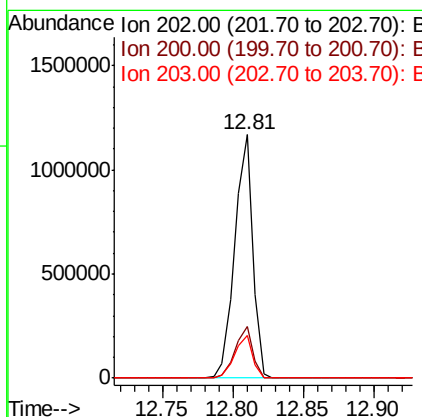
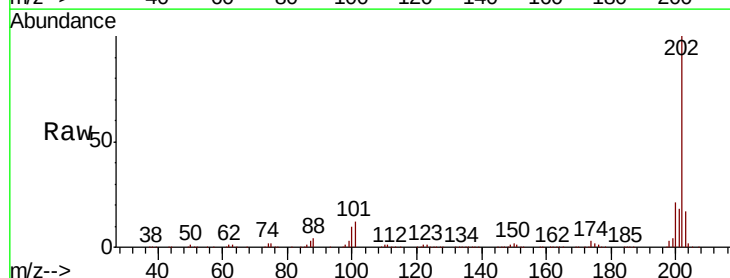
Instrument :
BNA_F
ClientSampleId :

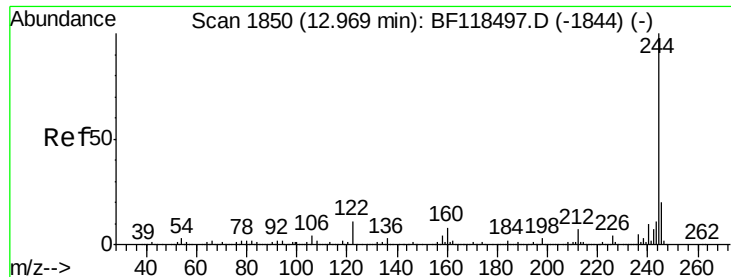
Tot Ion:184 Resp: 308759
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 11.7 9.3 13.9



#78
Pyrene
Concen: 45.706 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:202 Resp: 1040590
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.3 13.9 20.9

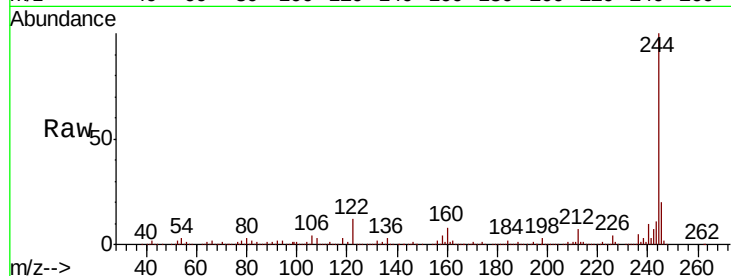




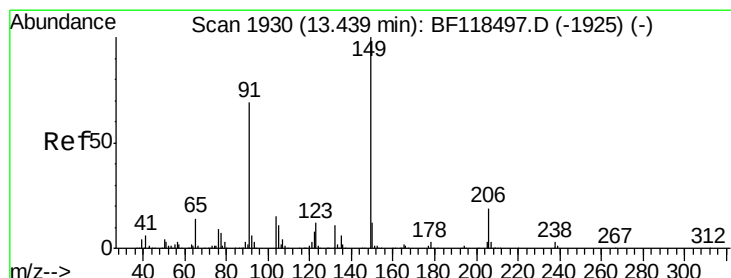
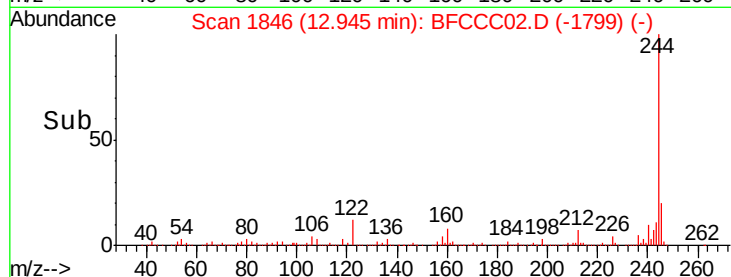
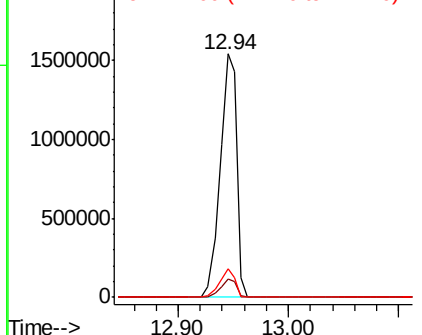
#79
 Terphenyl-d14
 Concen: 91.588 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1599294
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 11.9 9.0 13.6

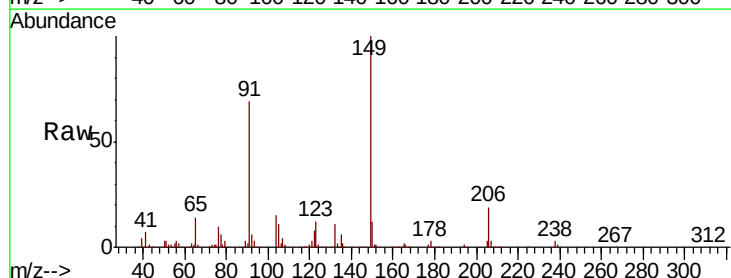


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

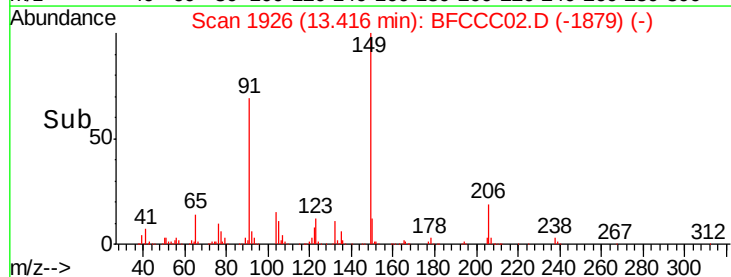
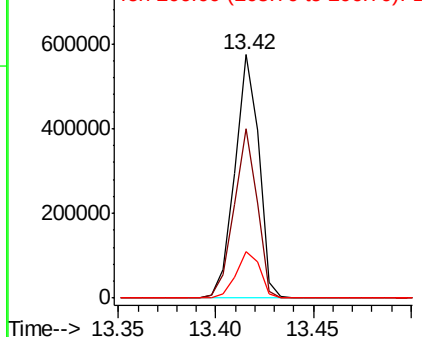


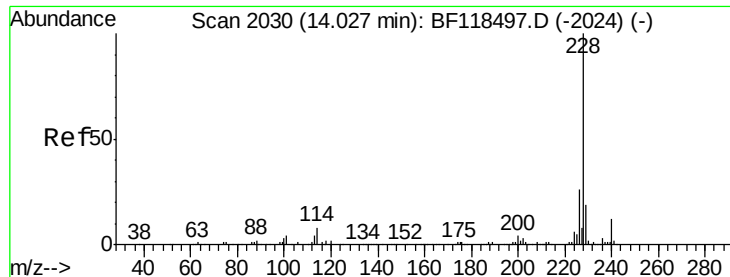
#80
 Butylbenzylphthalate
 Concen: 46.840 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion:149 Resp: 488376
 Ion Ratio Lower Upper
 149 100
 91 69.4 55.2 82.8
 206 18.9 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BFC
 Ion 206.00 (205.70 to 206.70): E

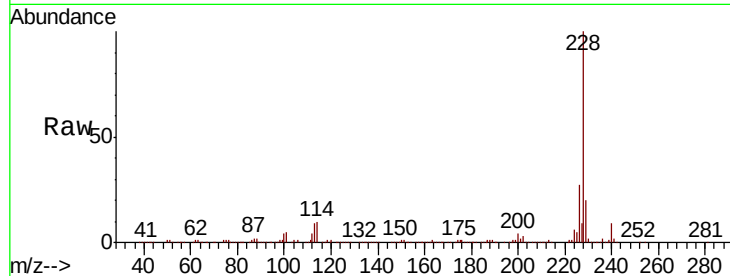




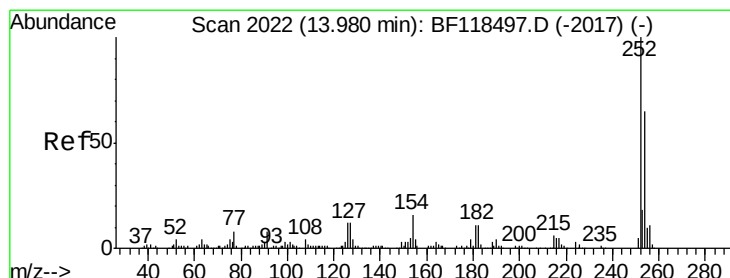
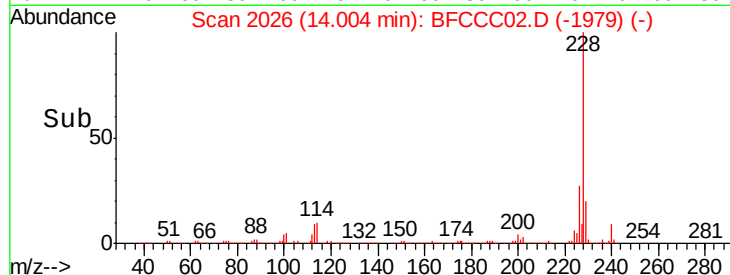
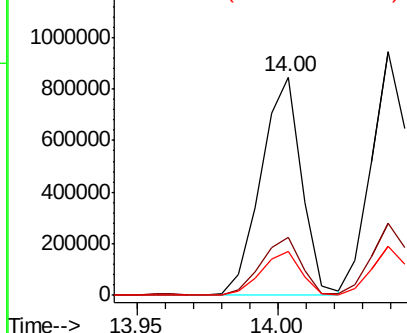
#81
Benzo(a)anthracene
Concen: 43.486 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 842265
Ion Ratio Lower Upper
228 100
226 26.7 20.7 31.1
229 20.1 15.4 23.2

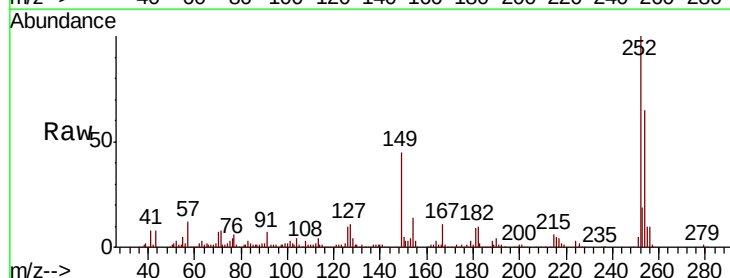


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

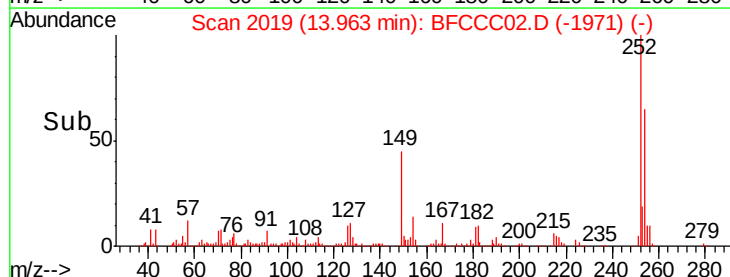
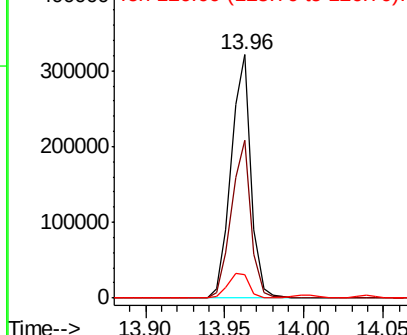


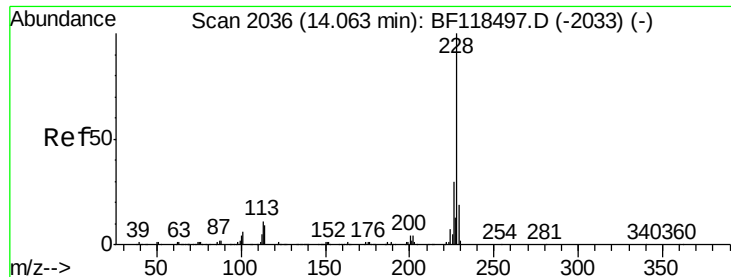
#82
3,3'-Dichlorobenzidine
Concen: 44.385 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:252 Resp: 279554
Ion Ratio Lower Upper
252 100
254 64.6 52.1 78.1
126 9.6 9.6 14.4



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: 43.300 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampleId :

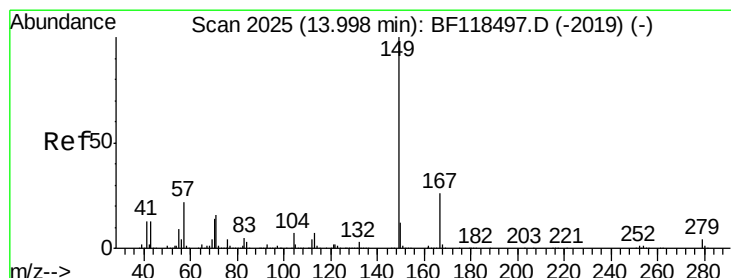
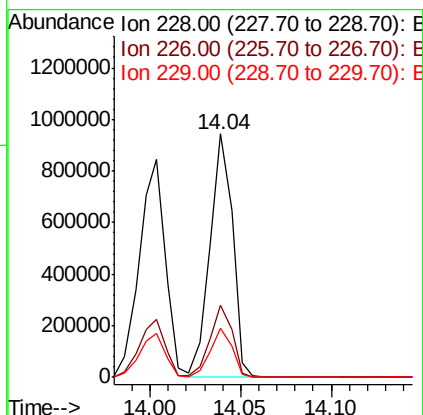
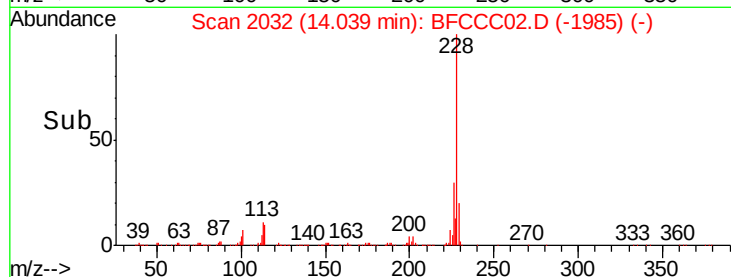
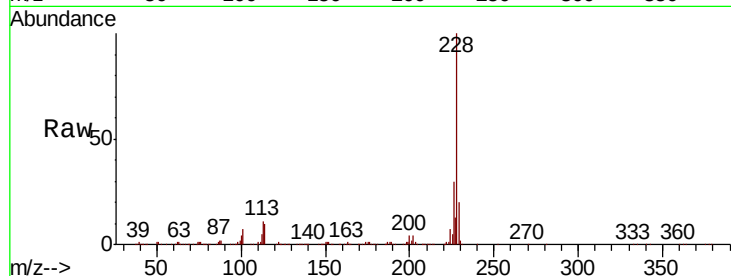
Tot Ion:228 Resp: 814964

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

229 20.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.863 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

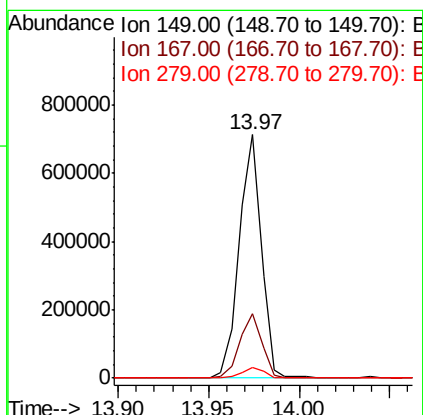
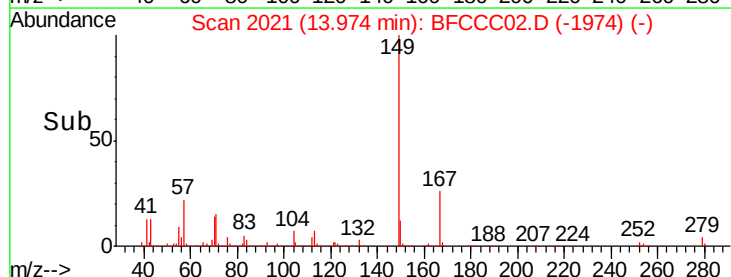
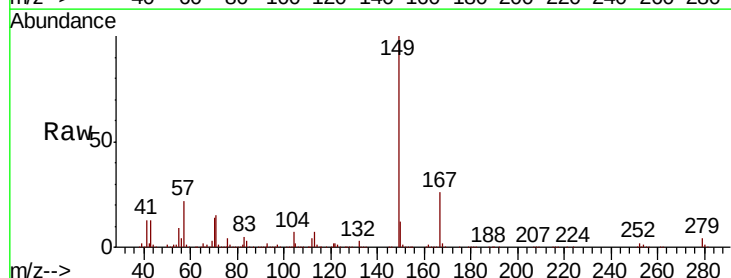
Tgt Ion:149 Resp: 606800

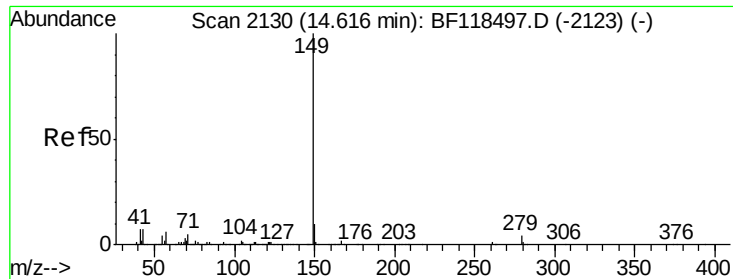
Ion Ratio Lower Upper

149 100

167 26.4 20.6 30.8

279 4.2 3.1 4.7

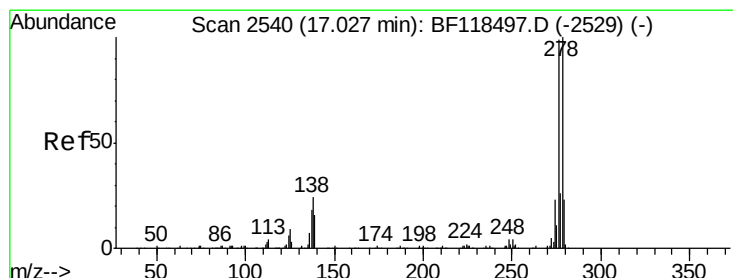
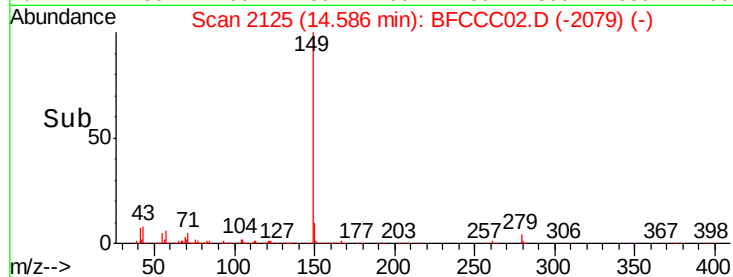
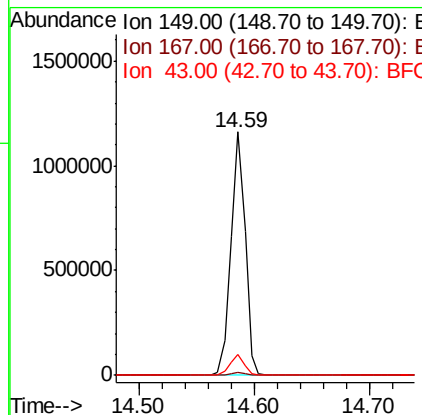
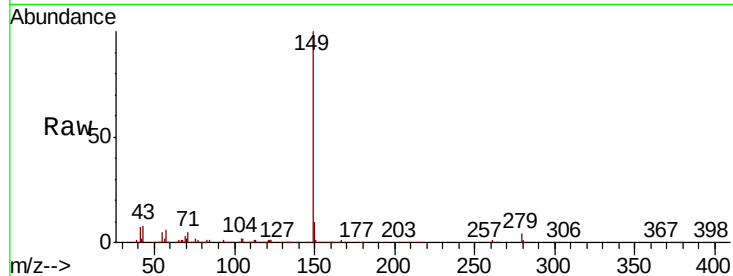




#85
 Di-n-octyl phthalate
 Concen: 48.858 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.03 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

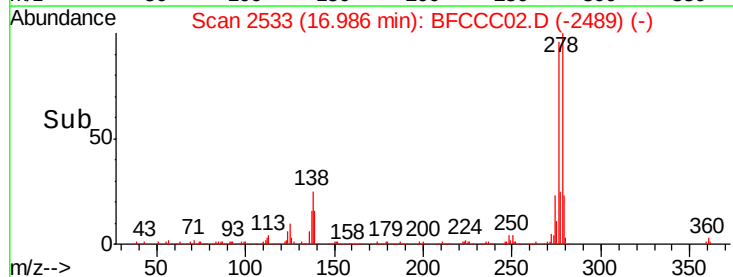
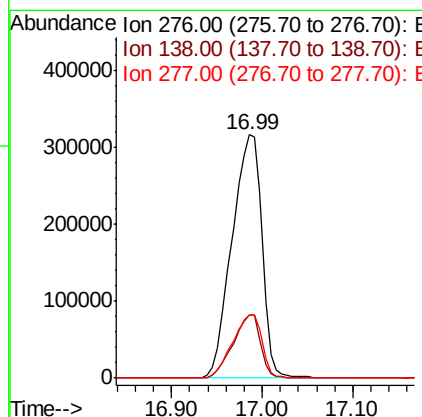
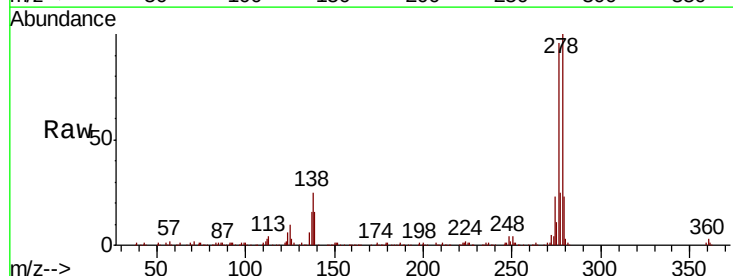
Instrument :
 BNA_F
 ClientSampleId :

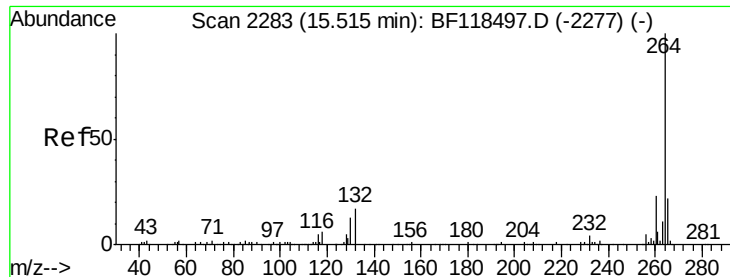
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.4	6.4	9.6



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 47.838 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.04 min
 Lab File: BFCCC02.D
 Acq: 13 Jan 2020 14:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.0	28.4
277	25.5	20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.03 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

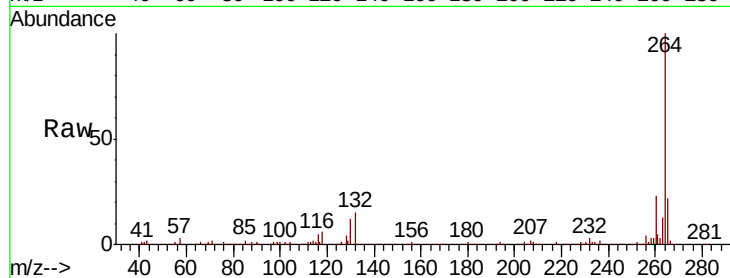
Tot Ion:264 Resp: 249986

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

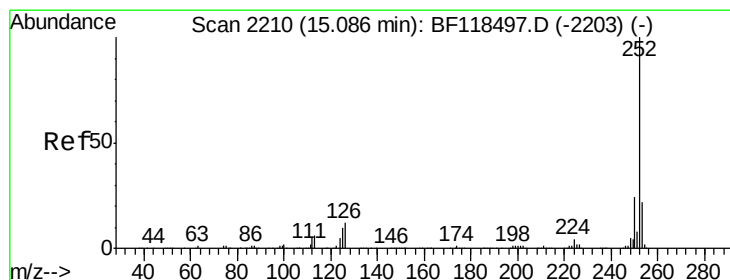
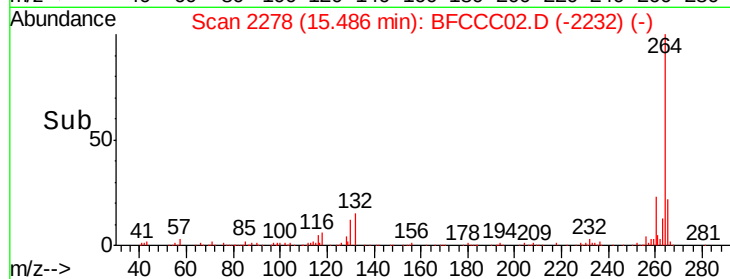
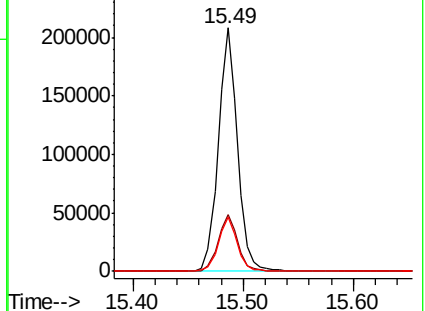
265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.417 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.03 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

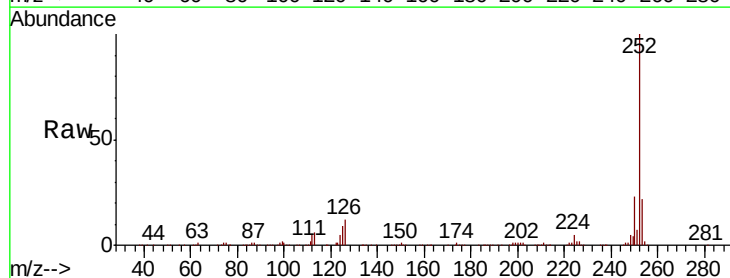
Tgt Ion:252 Resp: 622047

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

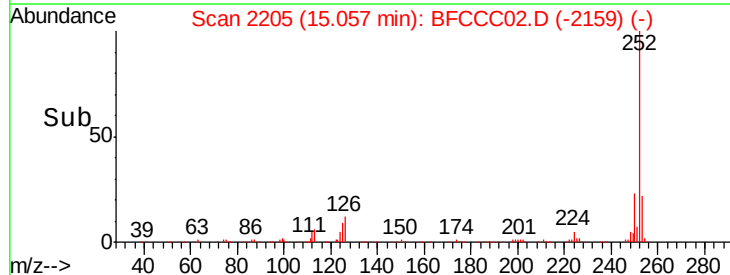
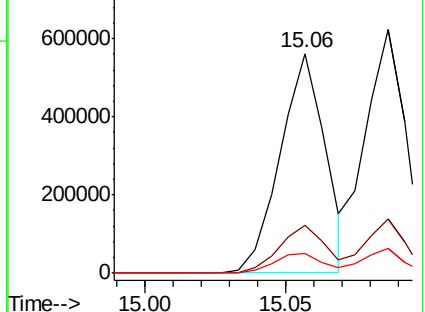
125 9.2 7.8 11.6

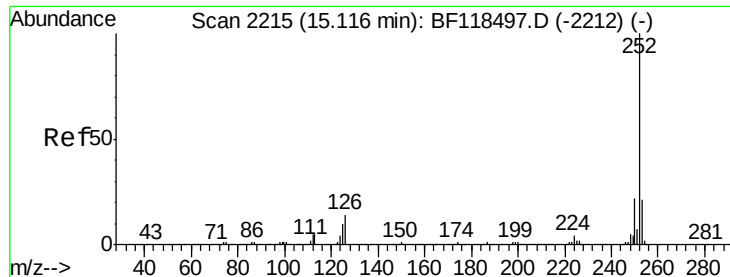


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

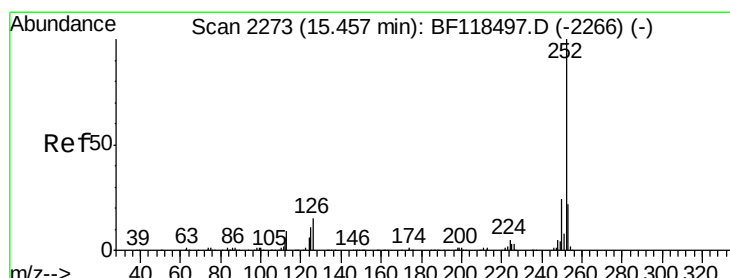
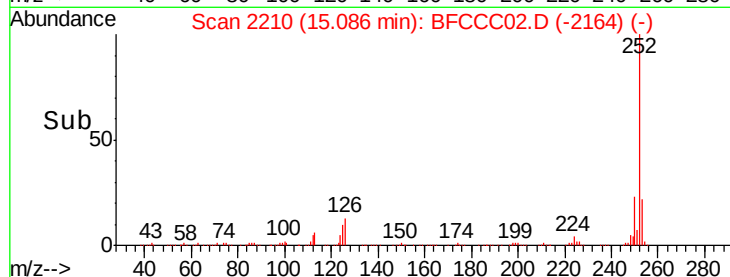
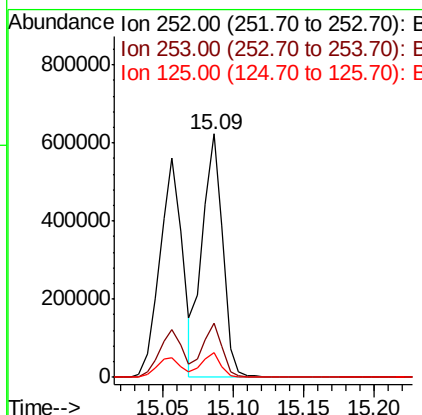
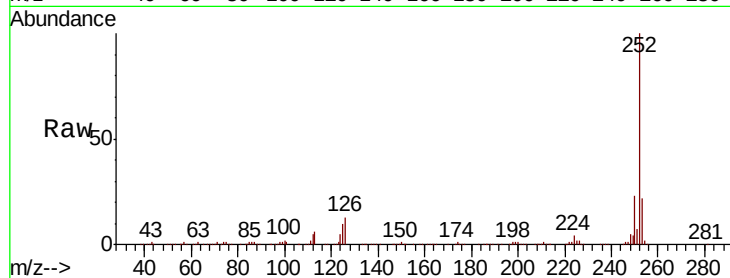




#89
Benzo(k)fluoranthene
Concen: 36.075 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.03 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

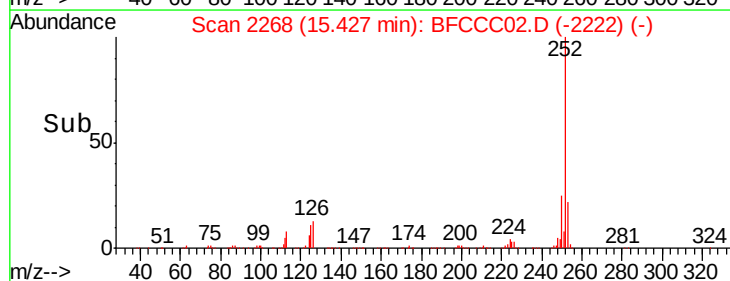
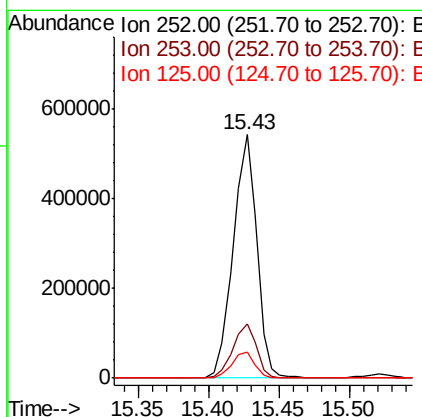
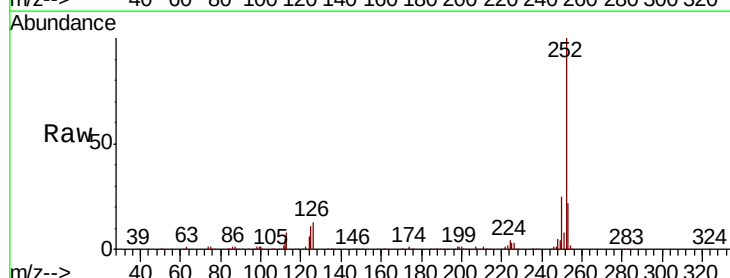
Instrument :
BNA_F
ClientSampleId :

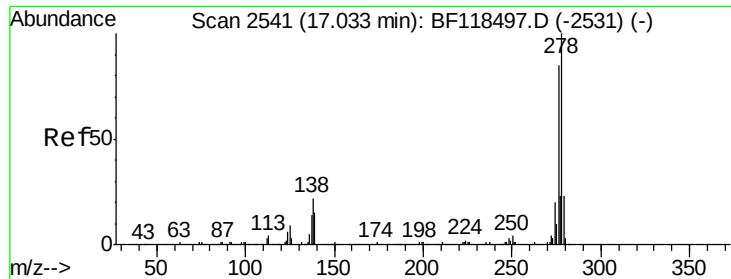
Tot Ion:252 Resp: 622347
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 10.1 7.8 11.6



#90
Benzo(a)pyrene
Concen: 42.829 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BFCCC02.D
Acq: 13 Jan 2020 14:42

Tgt Ion:252 Resp: 634347
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.471 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.04 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

Instrument :

BNA_F

ClientSampled :

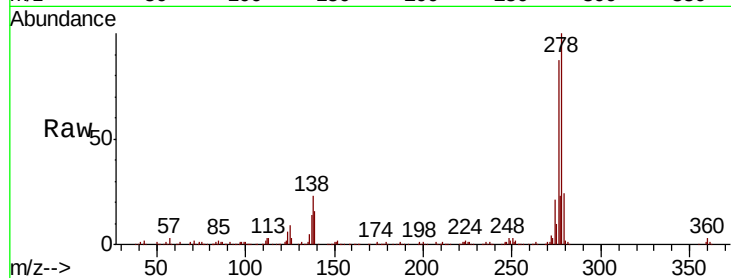
Tot Ion:278 Resp: 603726

Ion Ratio Lower Upper

278 100

139 15.8 11.9 17.9

279 23.6 18.6 27.8

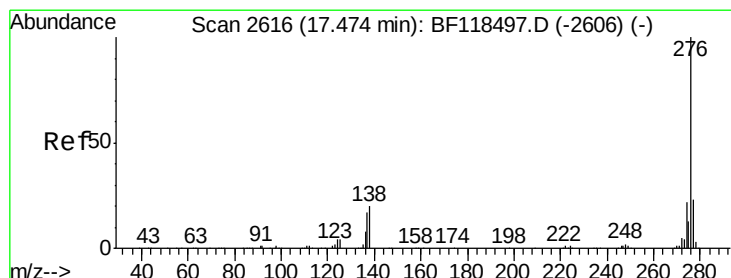
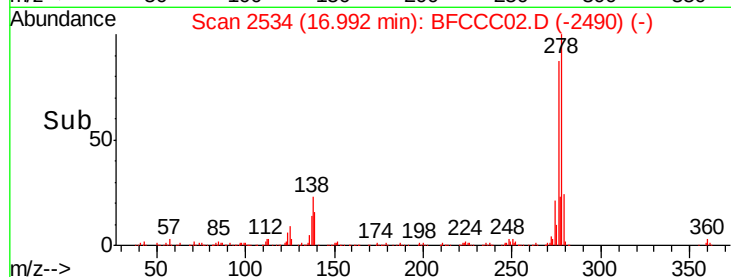
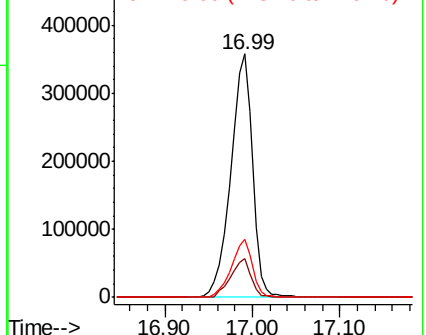


Abundance

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: 37.785 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.04 min

Lab File: BFCCC02.D

Acq: 13 Jan 2020 14:42

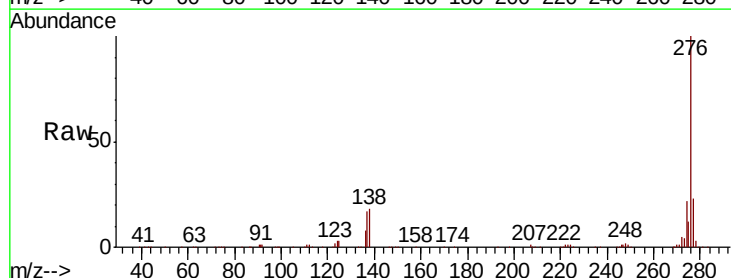
Tgt Ion:276 Resp: 497216

Ion Ratio Lower Upper

276 100

277 23.5 18.2 27.4

138 18.4 16.3 24.5



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

