

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119801.D
 Acq On : 7 Apr 2020 5:21
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 07 06:01:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	200933	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	745247	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	375943	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	708296	20.00	ng	0.00
76) Chrysene-d12	13.96	240	528428	20.00	ng	0.00
87) Perylene-d12	15.40	264	556222	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	988768	78.34	ng	0.00
7) Phenol-d6	6.42	99	1269060	78.71	ng	0.00
23) Nitrobenzene-d5	7.35	82	1117265	81.48	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	356349	91.88	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2042656	80.49	ng	0.00
79) Terphenyl-d14	12.90	244	2155780	79.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	222045	35.62	ng	96
3) Pyridine	3.18	79	590491	34.38	ng	94
4) n-Nitrosodimethylamine	3.14	42	276661	33.03	ng	94
6) Aniline	6.45	93	791666	35.57	ng	98
8) 2-Chlorophenol	6.57	128	538688	40.63	ng	97
9) Benzaldehyde	6.33	77	337819	33.03	ng	99
10) Phenol	6.43	94	708649	41.19	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	524606	38.13	ng	100
12) 1,3-Dichlorobenzene	6.72	146	589300	41.07	ng	96
13) 1,4-Dichlorobenzene	6.80	146	587892	40.96	ng	98
14) 1,2-Dichlorobenzene	6.96	146	551254	41.09	ng	99
15) Benzyl Alcohol	6.93	79	463630	38.23	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	954035	34.37	ng	99
17) 2-Methylphenol	7.04	107	475782	39.17	ng	99
18) Hexachloroethane	7.30	117	217020	41.26	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	369333	38.00	ng	96
20) 3+4-Methylphenols	7.19	107	579045	38.90	ng	# 86
22) Acetophenone	7.20	105	683385	38.38	ng	# 92
24) Nitrobenzene	7.37	77	569674	38.87	ng	99
25) Isophorone	7.61	82	1047203	37.65	ng	99
26) 2-Nitrophenol	7.69	139	286920	49.73	ng	89
27) 2,4-Dimethylphenol	7.72	122	429687	36.01	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	626808	38.11	ng	100
29) 2,4-Dichlorophenol	7.93	162	440549	40.19	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	491682	40.56	ng	99
31) Naphthalene	8.09	128	1550490	40.43	ng	98
32) Benzoic acid	7.85	122	313393	40.83	ng	96
33) 4-Chloroaniline	8.14	127	661005	37.61	ng	99
34) Hexachlorobutadiene	8.21	225	286898	42.30	ng	99
35) Caprolactam	8.52	113	131698	36.71	ng	93
36) 4-Chloro-3-methylphenol	8.62	107	470475	39.27	ng	96
37) 2-Methylnaphthalene	8.79	142	1018774	40.48	ng	98
38) 1-Methylnaphthalene	8.89	142	962093	40.38	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	462462	41.97	ng	99

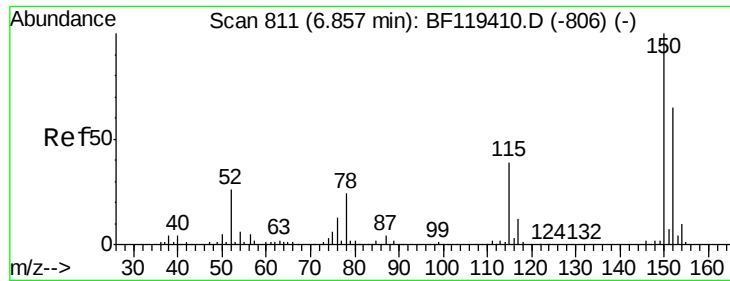
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
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 QLast Update : Mon Apr 06 11:15:16 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	247938	39.58	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	325959	41.34	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	365235	41.35	ng	94
46) 1,1'-Biphenyl	9.25	154	1249738	40.82	ng	99
47) 2-Chloronaphthalene	9.27	162	972123	40.53	ng	99
48) 2-Nitroaniline	9.37	65	345250	41.71	ng	98
49) Acenaphthylene	9.69	152	1506696	40.00	ng	98
50) Dimethylphthalate	9.56	163	1082889	40.55	ng	99
51) 2,6-Dinitrotoluene	9.62	165	247746	43.28	ng	97
52) Acenaphthene	9.86	154	958497	40.82	ng	99
53) 3-Nitroaniline	9.78	138	295941	40.95	ng	98
54) 2,4-Dinitrophenol	9.89	184	126950	53.87	ng	99
55) Dibenzofuran	10.03	168	1358941	40.37	ng	99
56) 4-Nitrophenol	9.94	139	217842	38.21	ng	98
57) 2,4-Dinitrotoluene	10.02	165	326838	45.33	ng	95
58) Fluorene	10.38	166	1036069	41.62	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	279105	42.27	ng	98
60) Diethylphthalate	10.25	149	1105976	40.81	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	513607	42.19	ng	98
62) 4-Nitroaniline	10.40	138	289014	41.71	ng	97
63) Azobenzene	10.53	77	1049672	38.46	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	167623	56.44	ng	94
66) n-Nitrosodiphenylamine	10.49	169	923764	39.73	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	336384	41.70	ng	95
68) Hexachlorobenzene	10.93	284	345704	41.87	ng	93
69) Atrazine	11.02	200	255053	40.01	ng	98
70) Pentachlorophenol	11.12	266	205323	42.41	ng	99
71) Phenanthrene	11.34	178	1482206	40.36	ng	98
72) Anthracene	11.39	178	1493872	40.02	ng	99
73) Carbazole	11.55	167	1465852	39.67	ng	98
74) Di-n-butylphthalate	11.88	149	1696334	42.92	ng	100
75) Fluoranthene	12.53	202	1603546	40.34	ng	99
77) Benzidine	12.65	184	281951	12.61	ng	98
78) Pyrene	12.76	202	1634986	37.70	ng	98
80) Butylbenzylphthalate	13.38	149	722081	41.17	ng	98
81) Benzo(a)anthracene	13.95	228	1344293	39.12	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	496547	36.65	ng	99
83) Chrysene	13.99	228	1369474	38.62	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	915633	43.79	ng	# 98
85) Di-n-octyl phthalate	14.56	149	1658186	45.09	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1483885	44.43	ng	99
88) Benzo(b)fluoranthene	14.99	252	1428700	38.45	ng	99
89) Benzo(k)fluoranthene	15.02	252	1367794	38.66	ng	99
90) Benzo(a)pyrene	15.34	252	1318126	39.04	ng	99
91) Dibenzo(a,h)anthracene	16.85	278	1225013	41.48	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1191145	40.14	ng	98

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

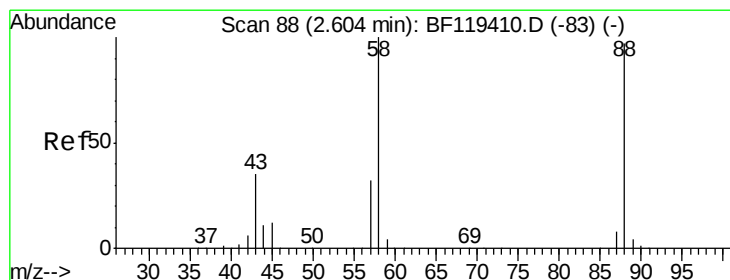
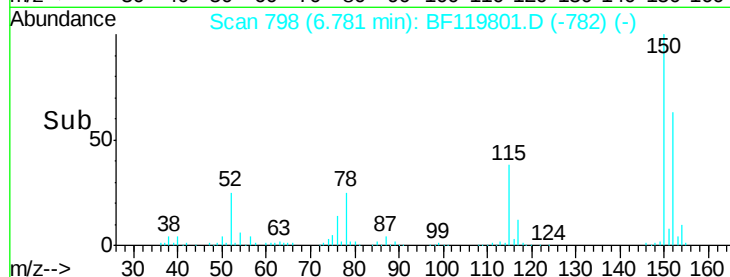
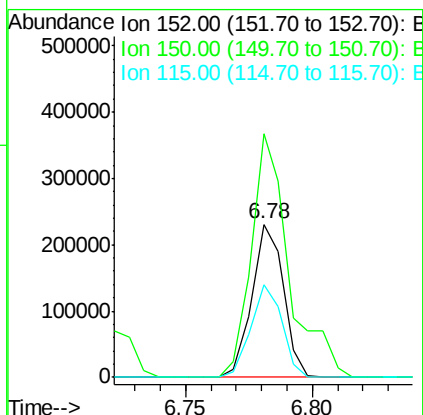
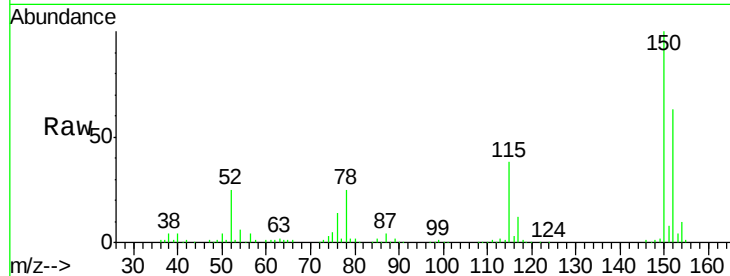


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

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BNA_F
ClientSampleId :
SSTDCCC040

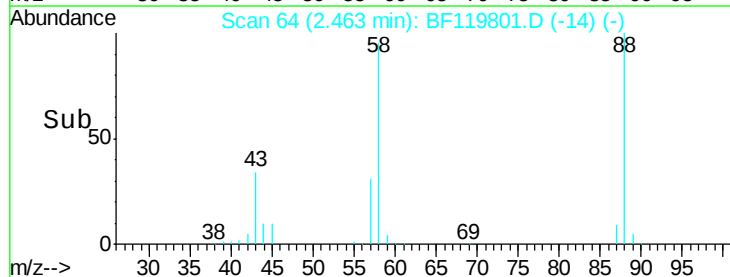
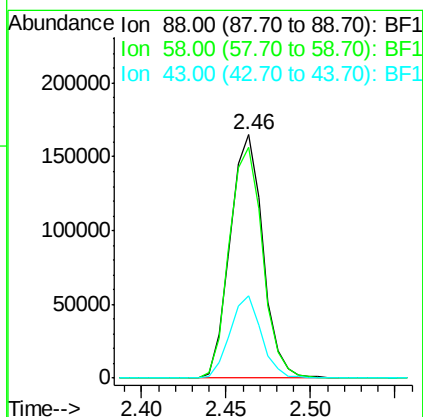
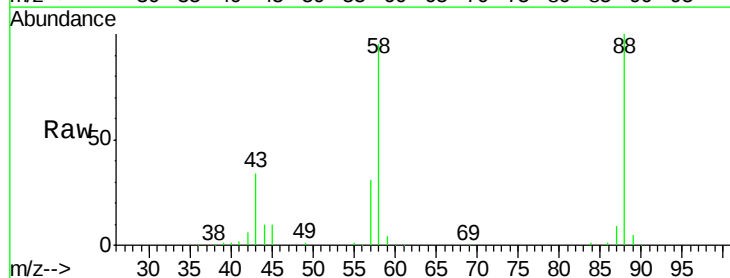
Tgt Ion: 152 Resp: 200933
Ion Ratio Lower Upper
152 100
150 158.9 124.5 186.7
115 60.3 49.6 74.4

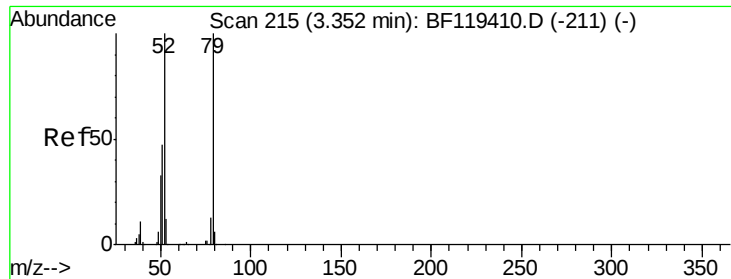


#2

1,4-Dioxane
Concen: 35.62 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion: 88 Resp: 222045
Ion Ratio Lower Upper
88 100
58 96.6 80.6 121.0
43 32.4 27.5 41.3

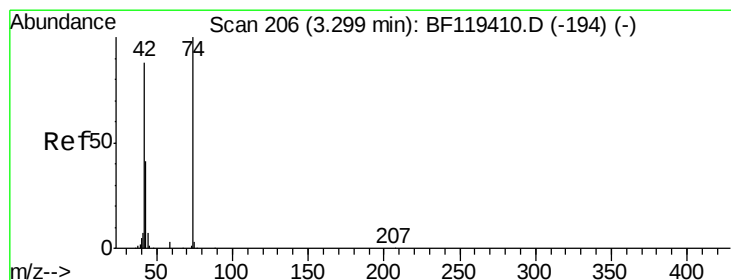
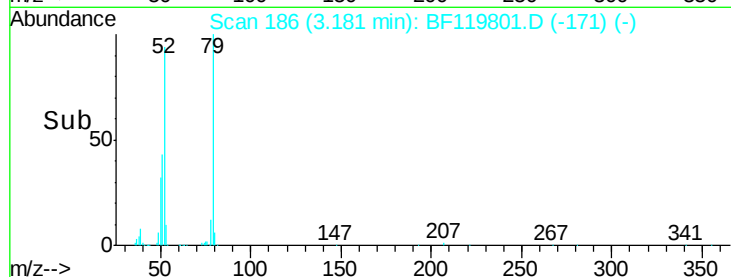
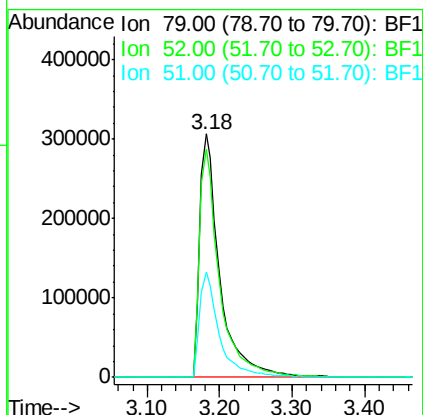
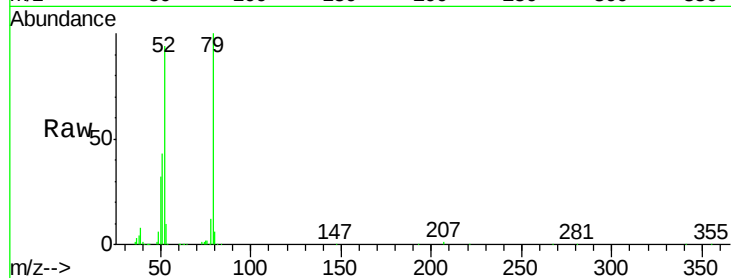




#3
 Pyridine
 Concen: 34.38 ng
 RT: 3.18 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

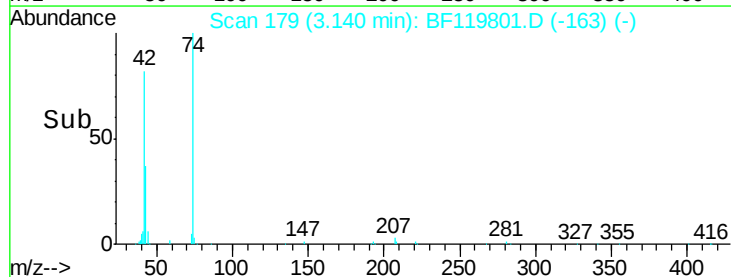
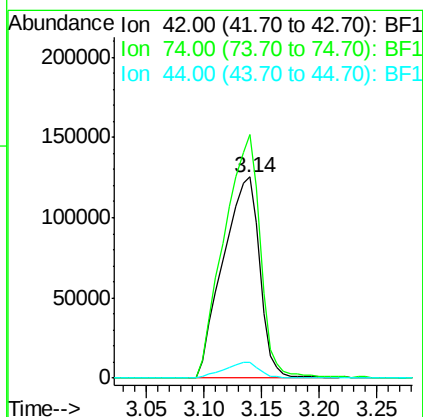
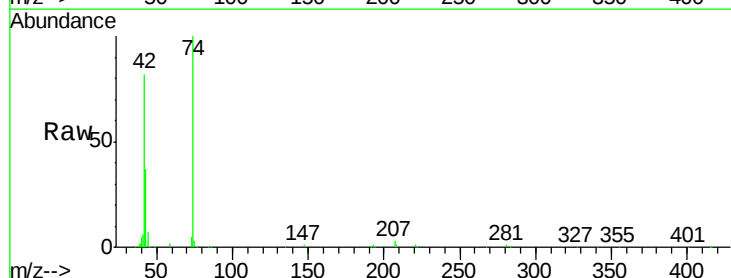
Instrument :
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 ClientSampleId :
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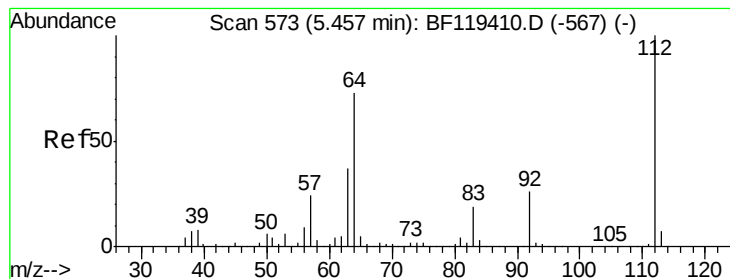
Tgt Ion: 79 Resp: 590491
 Ion Ratio Lower Upper
 79 100
 52 93.9 80.2 120.2
 51 43.2 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 33.03 ng
 RT: 3.14 min Scan# 179
 Delta R.T. -0.01 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion: 42 Resp: 276661
 Ion Ratio Lower Upper
 42 100
 74 121.3 91.5 137.3
 44 7.9 6.2 9.4

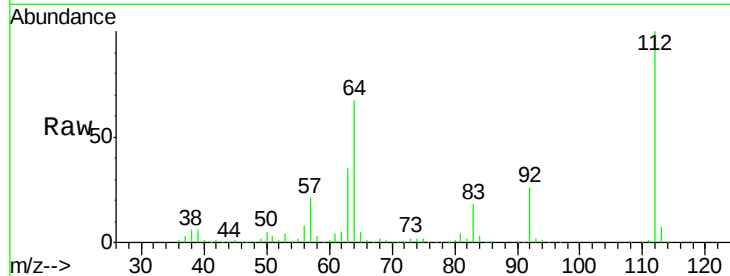




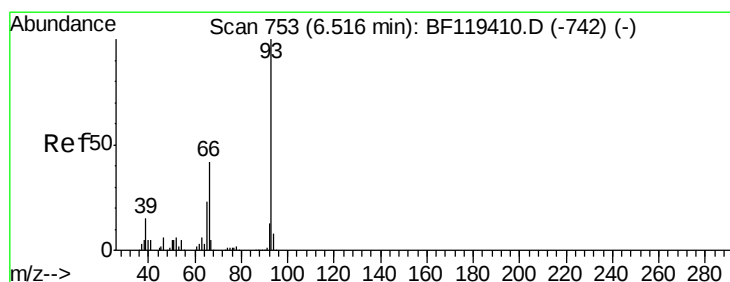
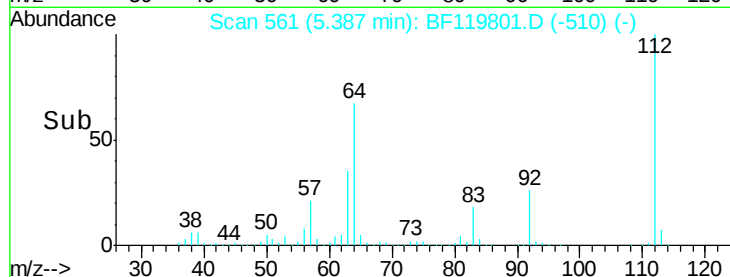
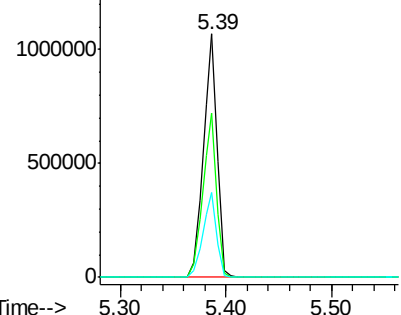
#5
 2-Fluorophenol
 Concen: 78.34 ng
 RT: 5.39 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 112 Resp: 988768
 Ion Ratio Lower Upper
 112 100
 64 67.3 56.7 85.1
 63 35.1 29.5 44.3

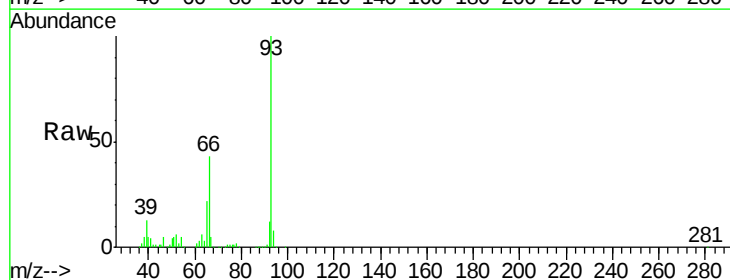


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

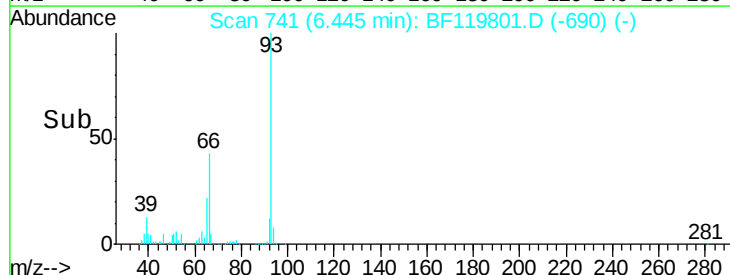
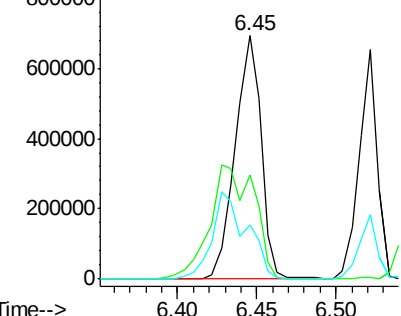


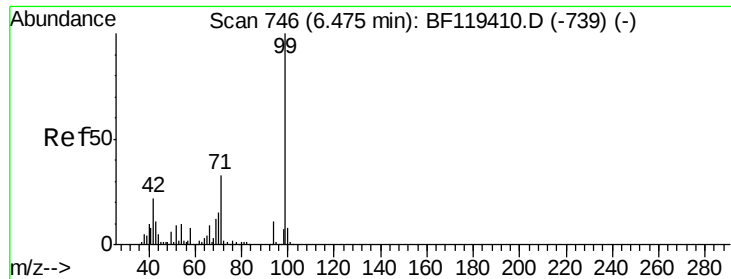
#6
 Aniline
 Concen: 35.57 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion: 93 Resp: 791666
 Ion Ratio Lower Upper
 93 100
 66 42.5 34.9 52.3
 65 22.3 18.6 27.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.71 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

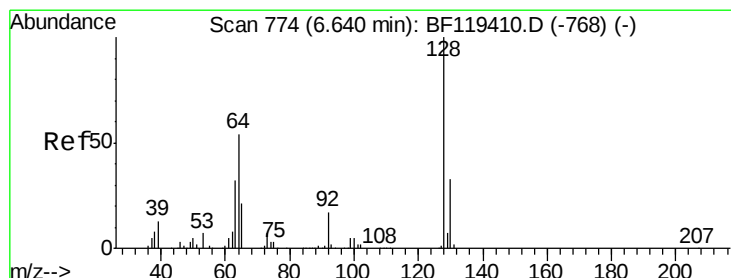
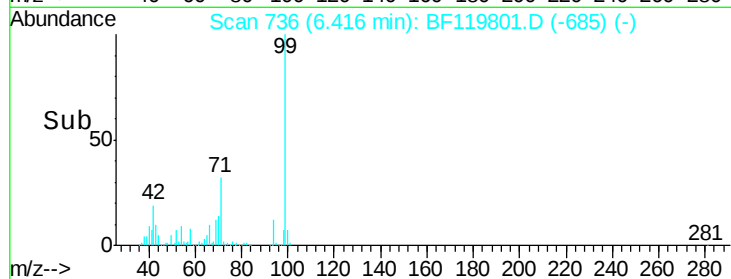
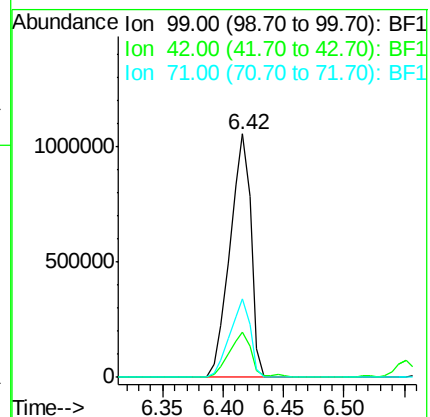
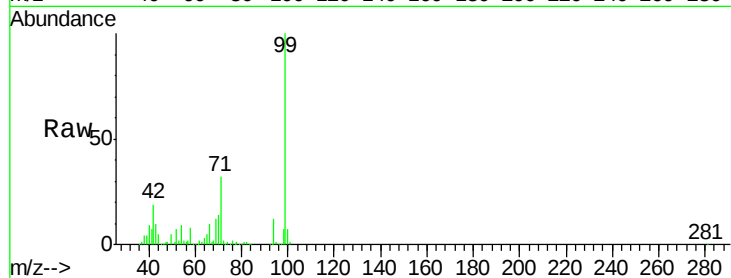
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1269060

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.6	24.8
71	32.0	26.4	39.6



#8

2-Chlorophenol

Concen: 40.63 ng

RT: 6.57 min Scan# 762

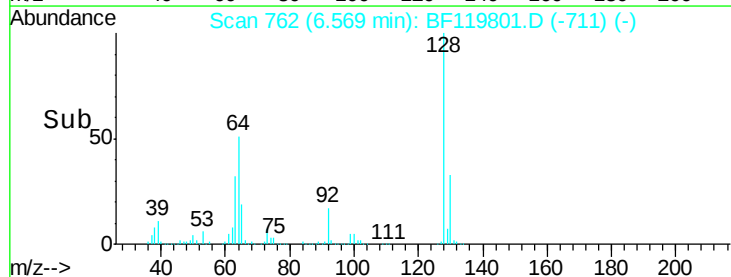
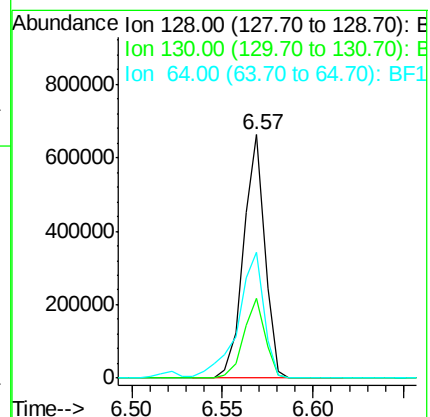
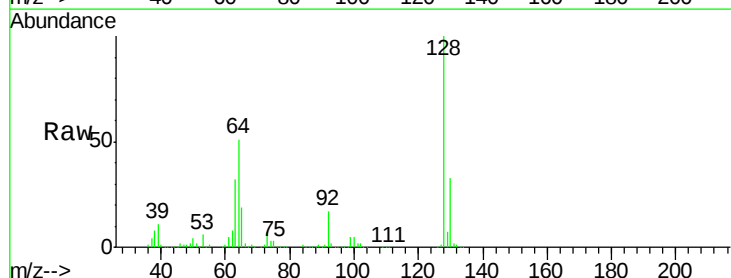
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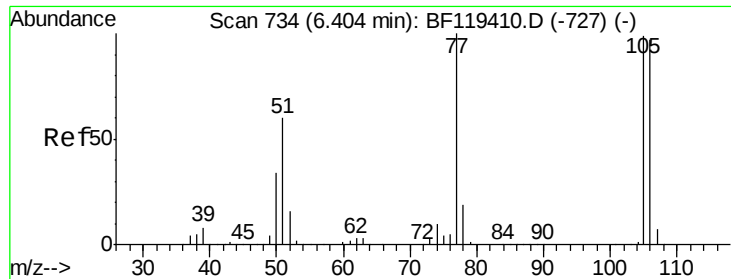
Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Tgt Ion: 128 Resp: 538688

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	51.5	35.3	75.3

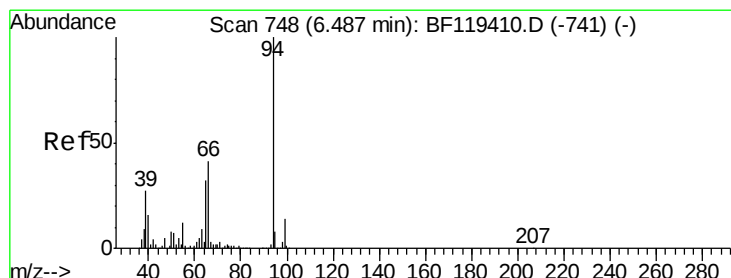
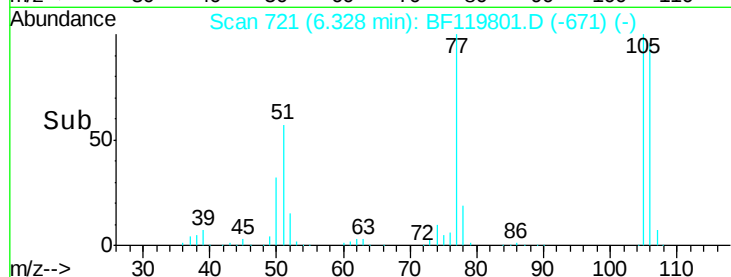
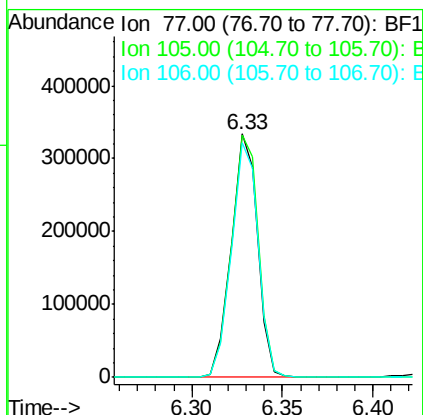
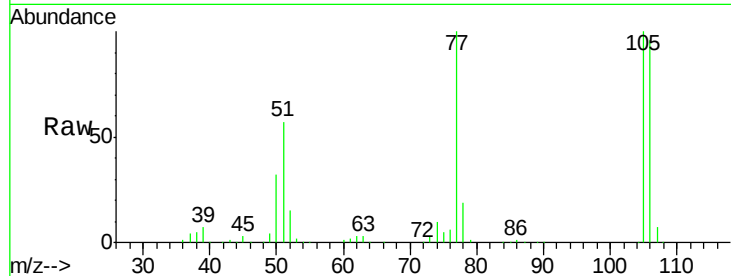




#9
Benzaldehyde
Concen: 33.03 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

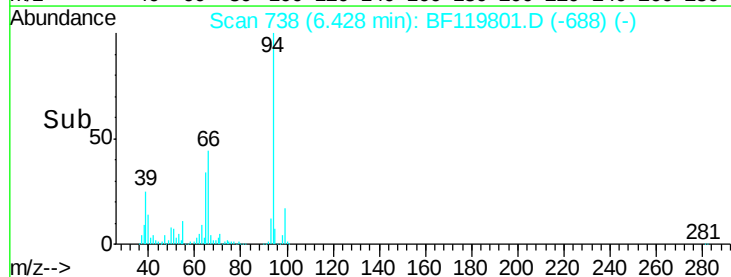
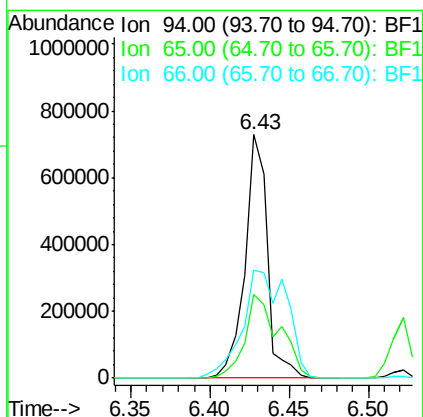
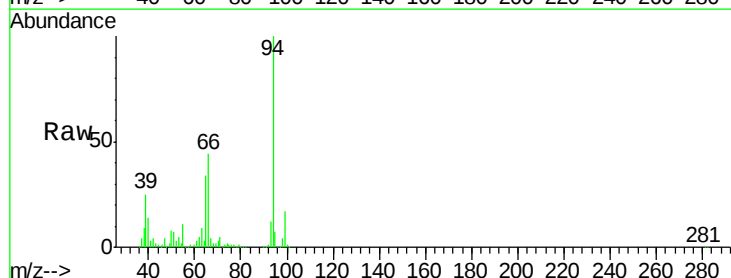
Instrument :
BNA_F
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SSTDCCC040

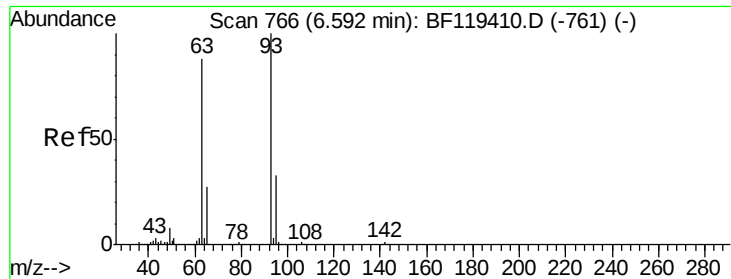
Tgt Ion: 77 Resp: 337819
Ion Ratio Lower Upper
77 100
105 99.7 80.9 120.9
106 96.5 77.9 117.9



#10
Phenol
Concen: 41.19 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion: 94 Resp: 708649
Ion Ratio Lower Upper
94 100
65 34.2 13.2 53.2
66 44.4 22.3 62.3

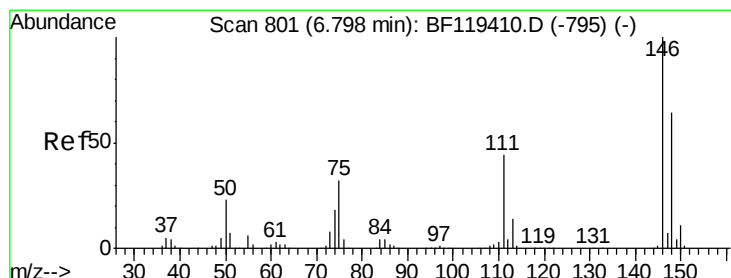
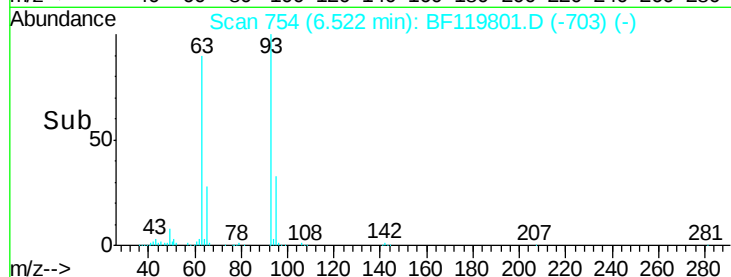
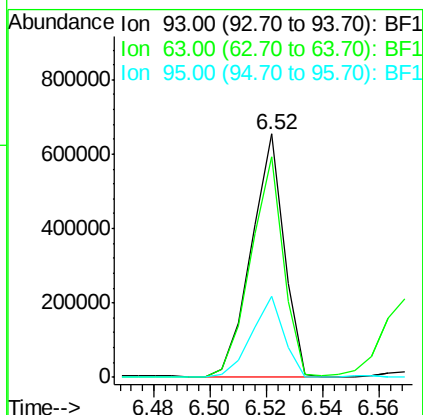
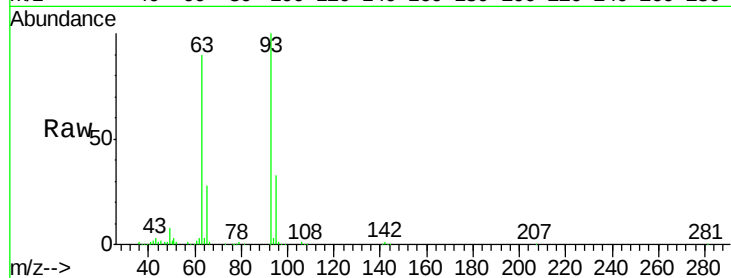




#11
bis(2-Chloroethyl)ether
Concen: 38.13 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

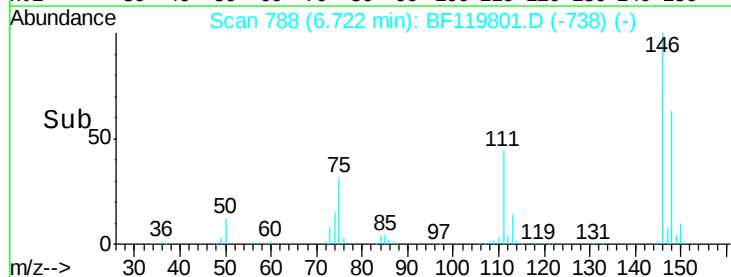
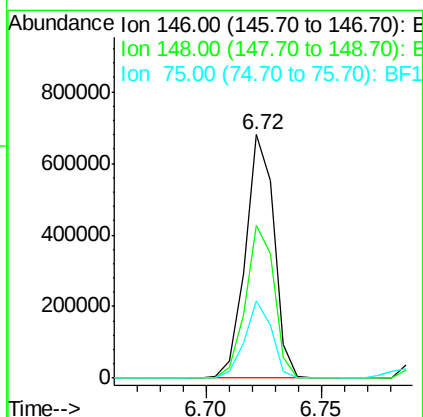
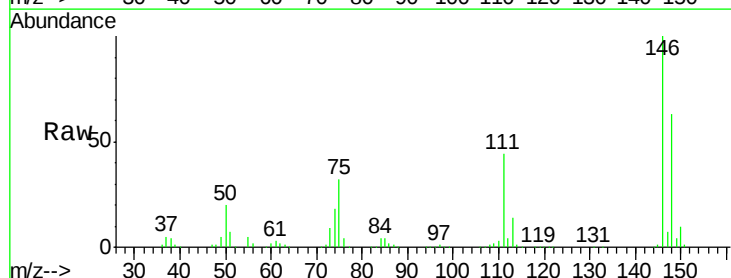
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

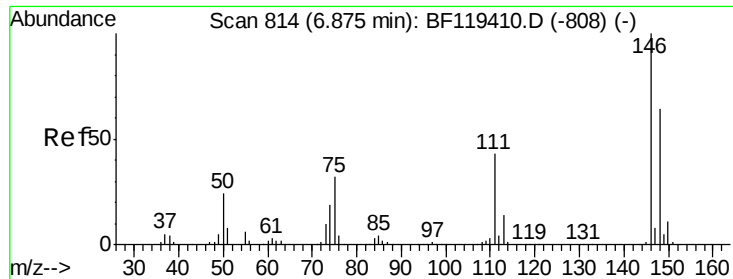
Tgt Ion: 93 Resp: 524606
Ion Ratio Lower Upper
93 100
63 90.3 70.2 110.2
95 33.5 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.07 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion: 146 Resp: 589300
Ion Ratio Lower Upper
146 100
148 63.0 52.2 78.4
75 31.9 23.0 34.4

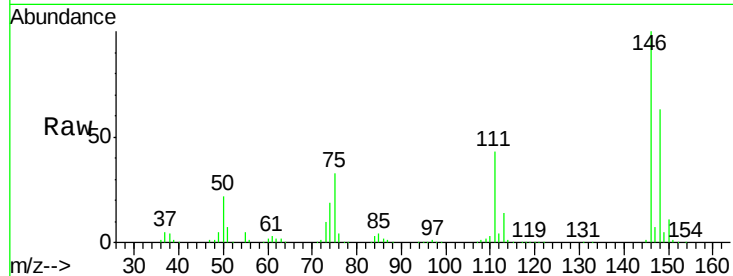




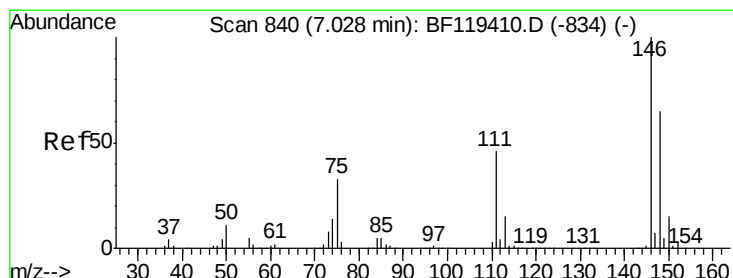
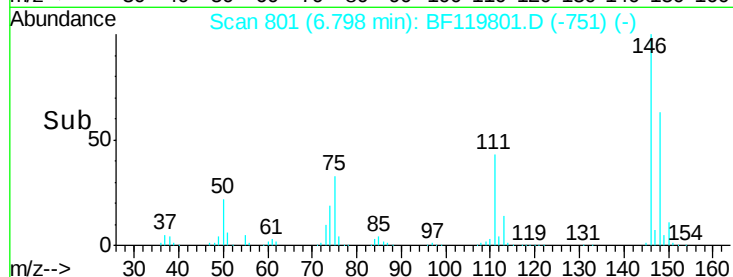
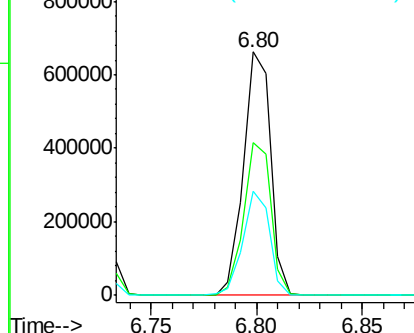
#13
 1,4-Dichlorobenzene
 Concen: 40.96 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 587892
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.5 77.3
 111 42.6 33.3 49.9

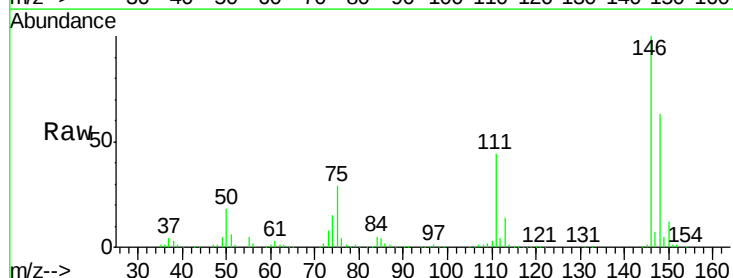


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

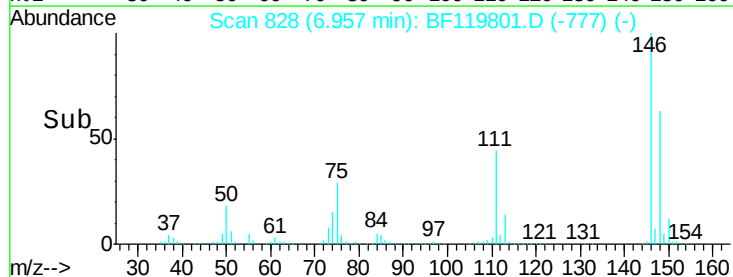
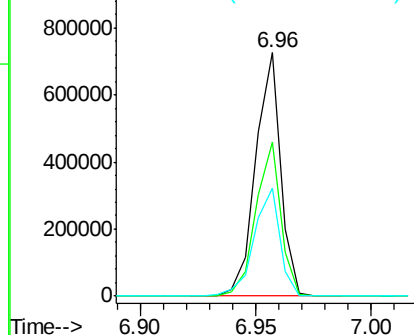


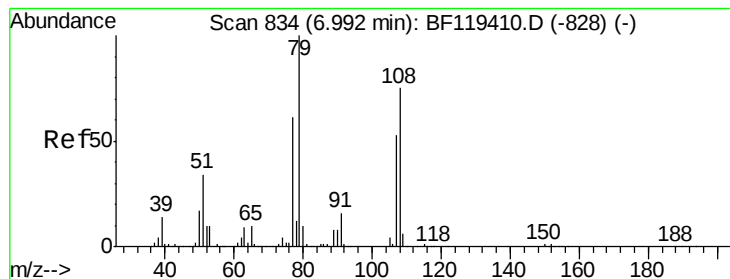
#14
 1,2-Dichlorobenzene
 Concen: 41.09 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion:146 Resp: 551254
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.4 36.1 54.1



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: 38.23 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

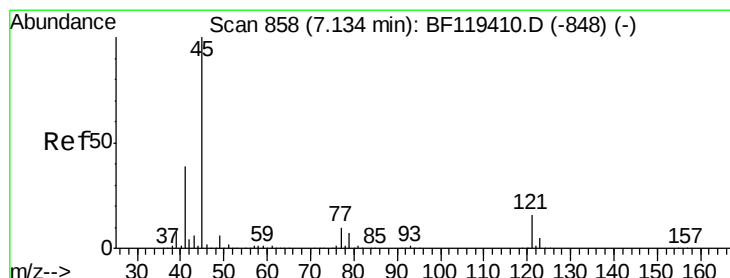
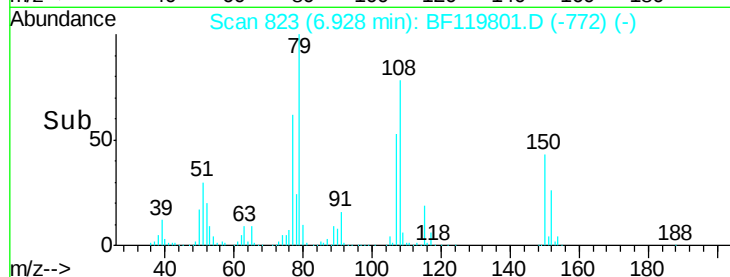
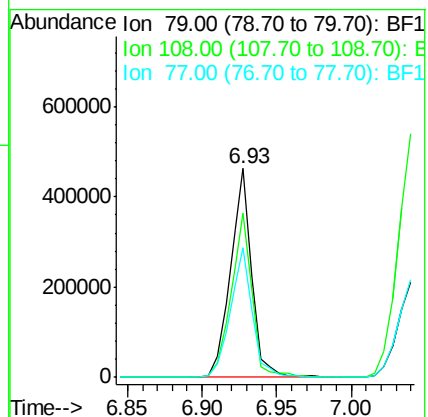
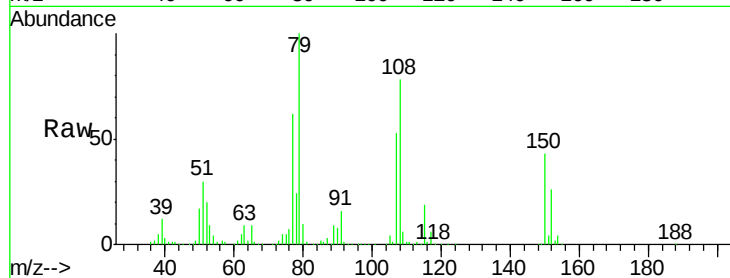
Tgt Ion: 79 Resp: 463630

Ion Ratio Lower Upper

79 100

108 78.5 60.6 90.8

77 62.0 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.37 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

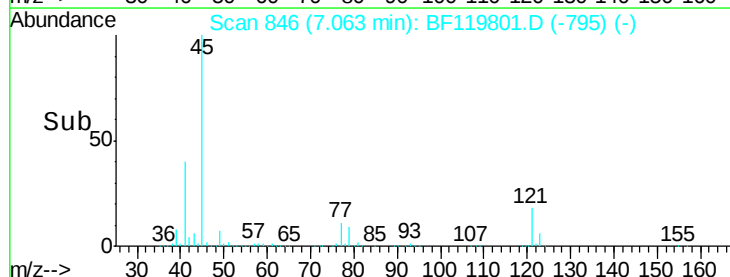
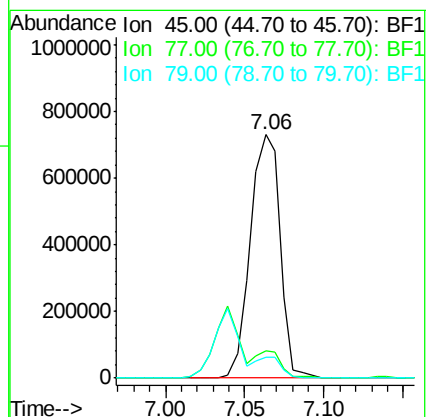
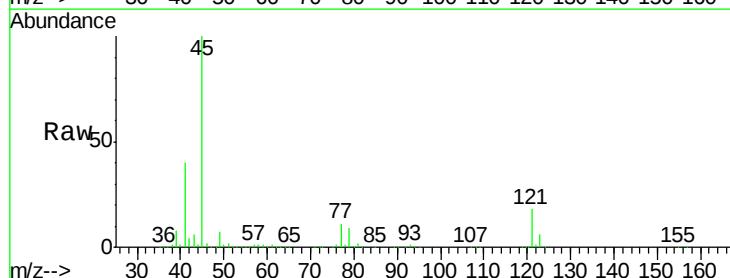
Tgt Ion: 45 Resp: 954035

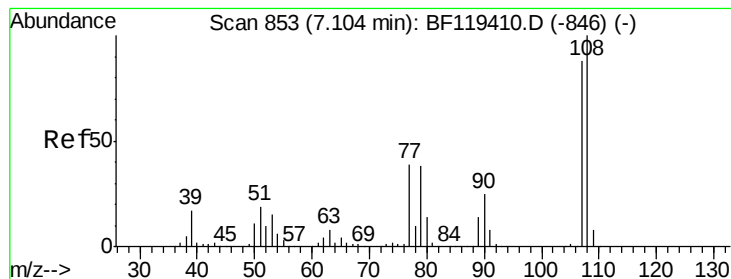
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.7

79 8.7 0.0 28.2

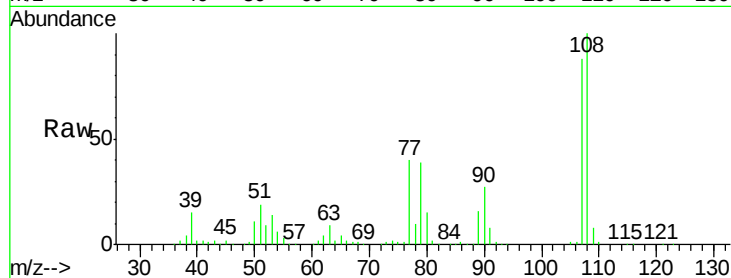




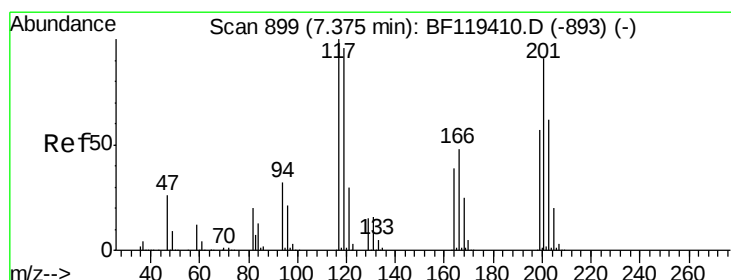
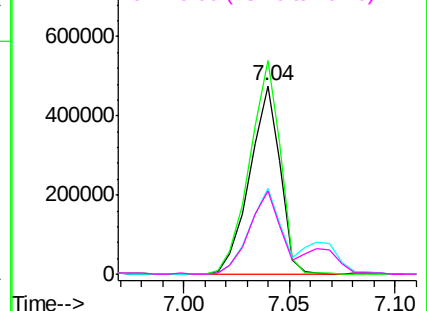
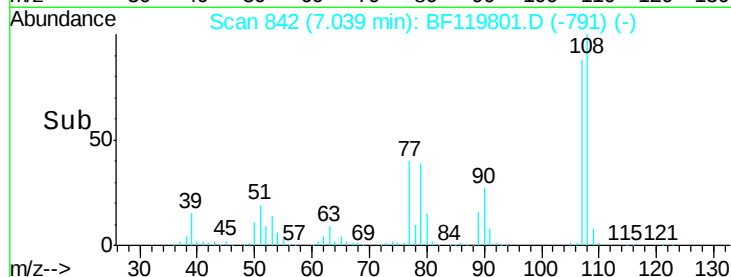
#17
2-Methylphenol
Concen: 39.17 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 475782
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 45.7 36.6 54.8
79 44.2 36.2 54.4

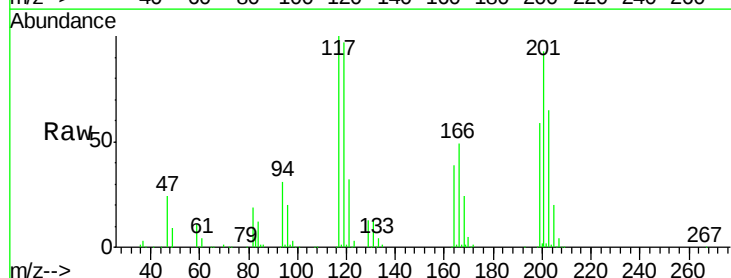


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

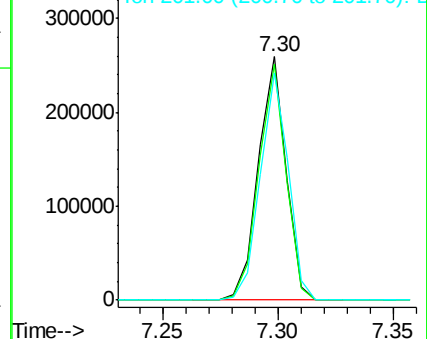
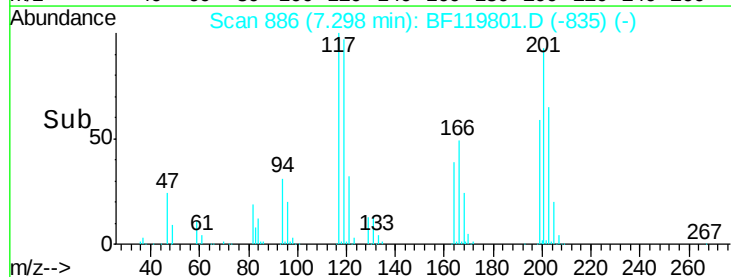


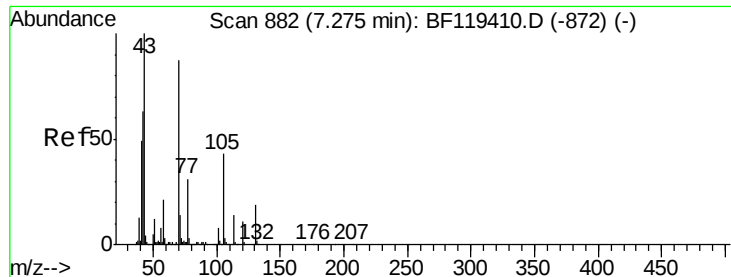
#18
Hexachloroethane
Concen: 41.26 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion:117 Resp: 217020
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1
201 93.2 73.0 109.6



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

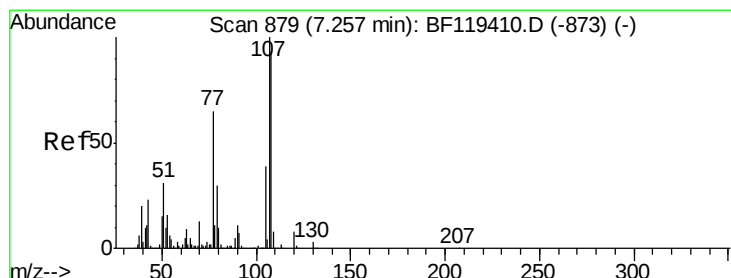
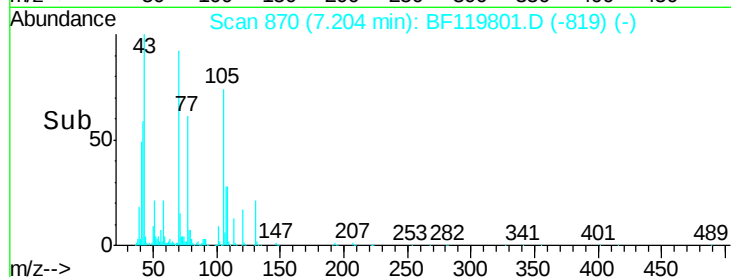
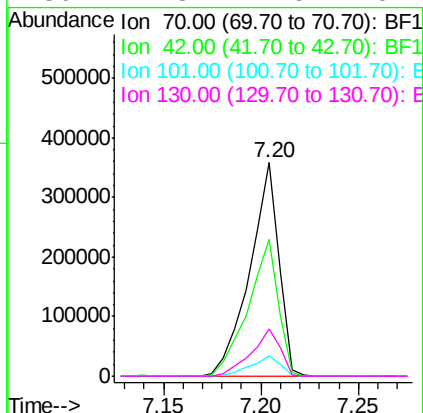
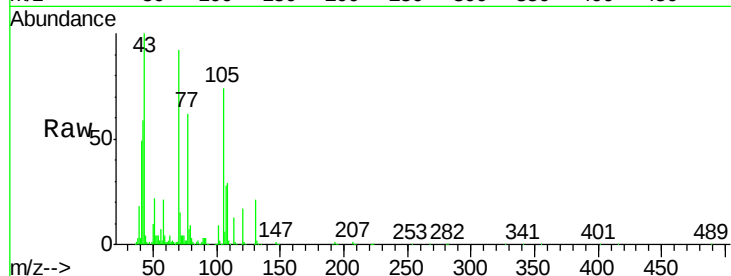




#19
n-Nitroso-di-n-propylamine
Concen: 38.00 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

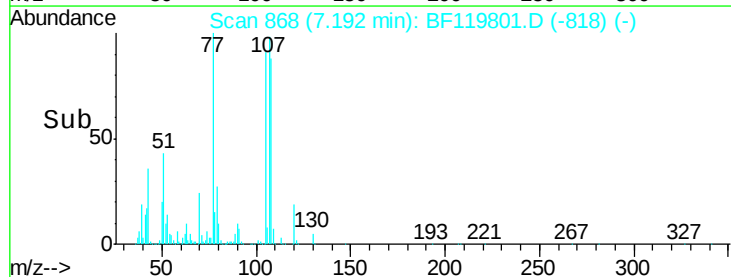
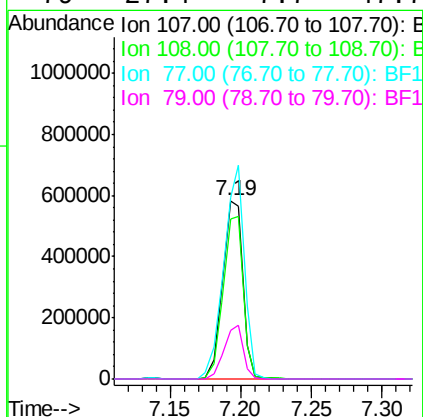
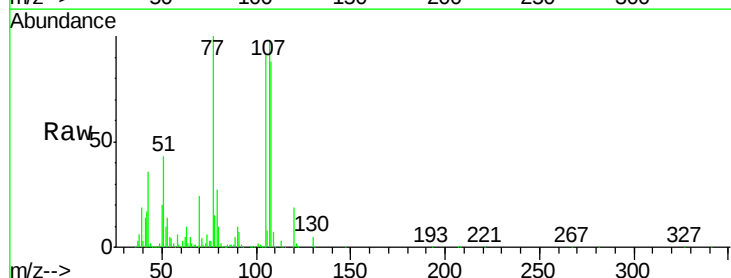
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

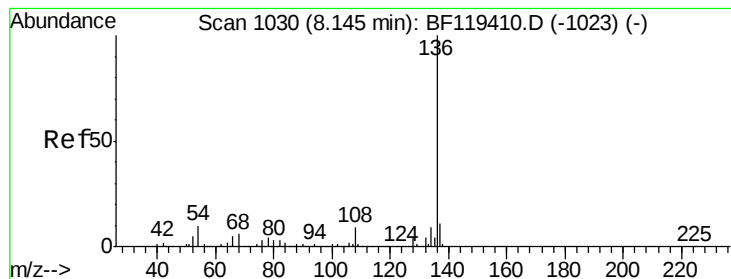
Tgt Ion:	70	Resp:	369333
Ion	Ratio	Lower	Upper
70	100		
42	64.0	54.5	81.7
101	9.5	7.6	11.4
130	22.3	17.6	26.4



#20
3+4-Methylphenols
Concen: 38.90 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion:	107	Resp:	579045
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	101.9	52.9	92.9
79	27.4	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 745247

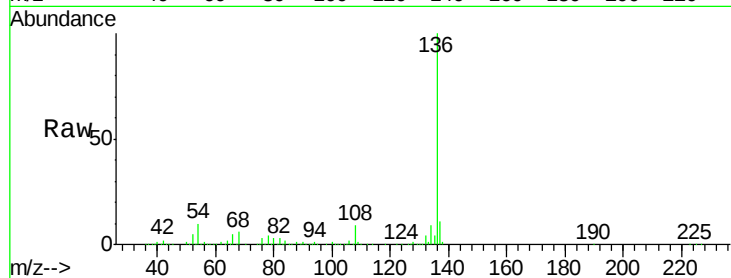
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.2 9.1 13.7

68 5.8 4.6 6.8

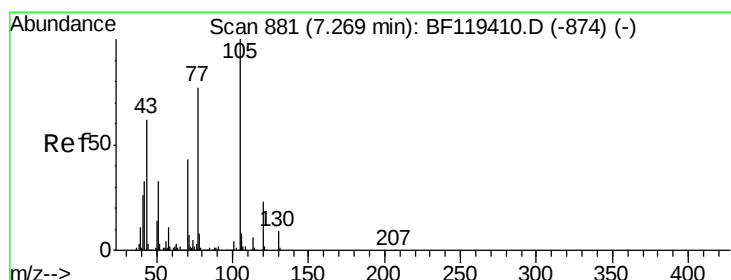
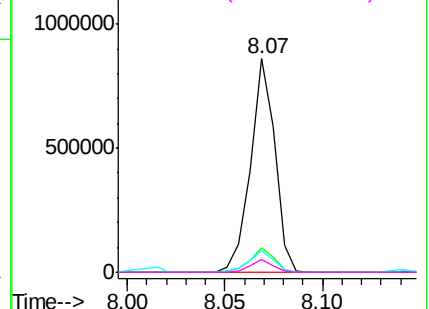
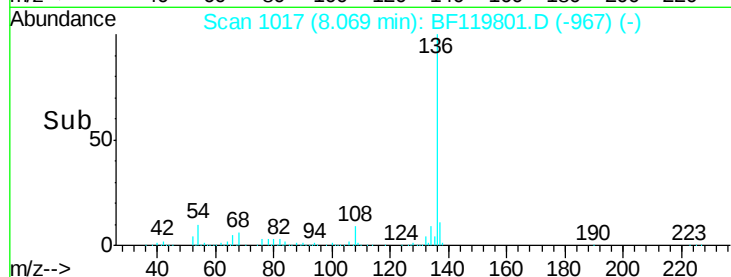


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.38 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Tgt Ion:105 Resp: 683385

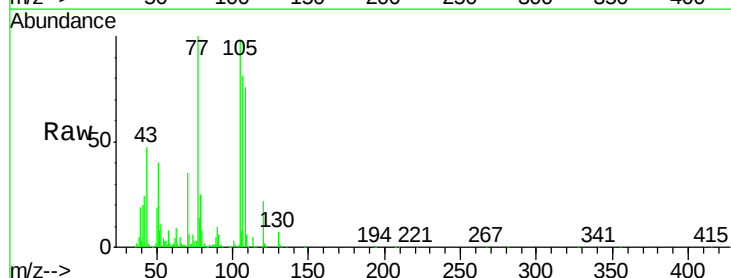
Ion Ratio Lower Upper

105 100

71 6.3 5.7 8.5

51 40.7 26.2 39.4#

120 22.8 18.3 27.5

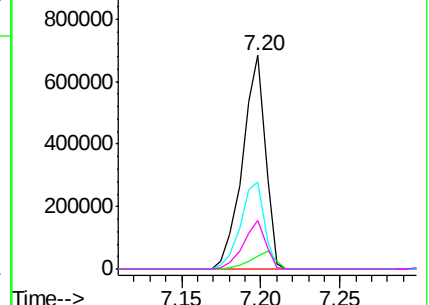
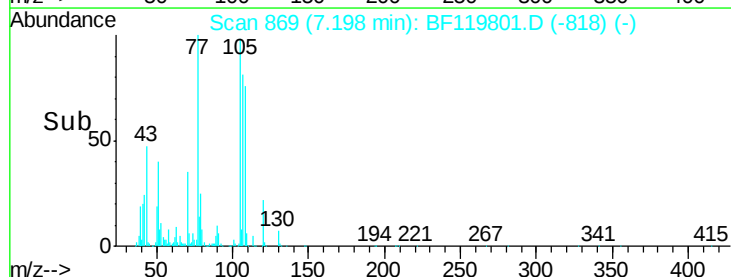


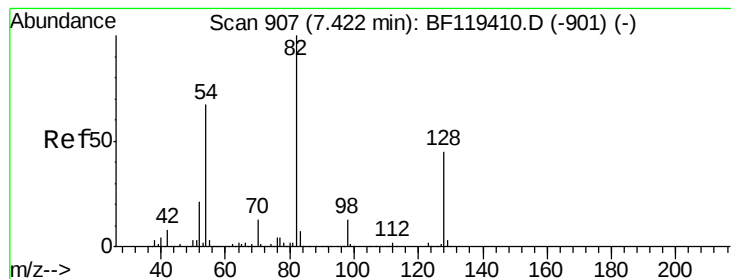
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.48 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

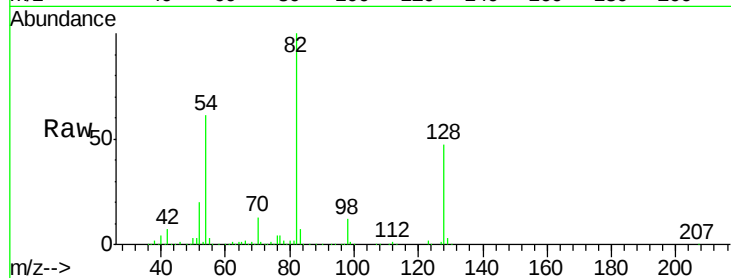
Tgt Ion: 82 Resp: 1117265

Ion Ratio Lower Upper

82 100

128 46.6 36.3 54.5

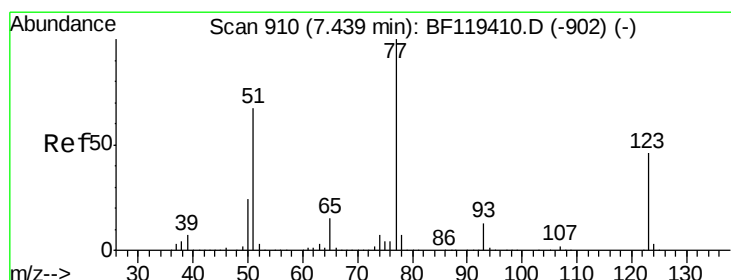
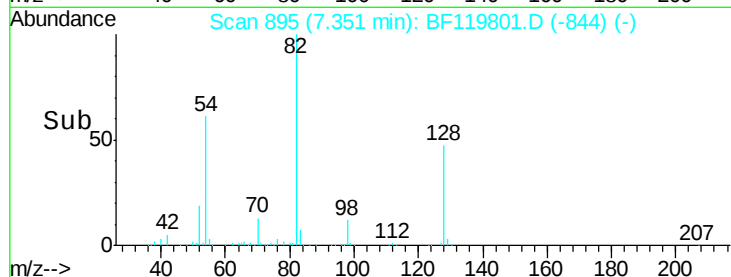
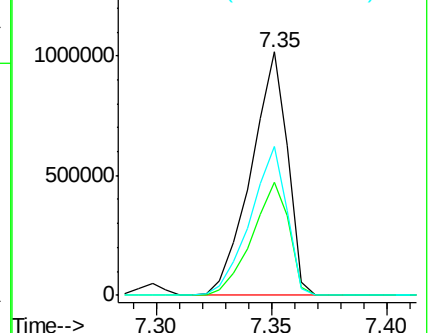
54 61.3 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 38.87 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

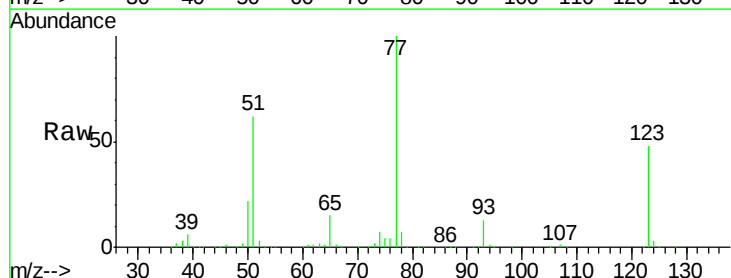
Tgt Ion: 77 Resp: 569674

Ion Ratio Lower Upper

77 100

123 47.9 38.0 57.0

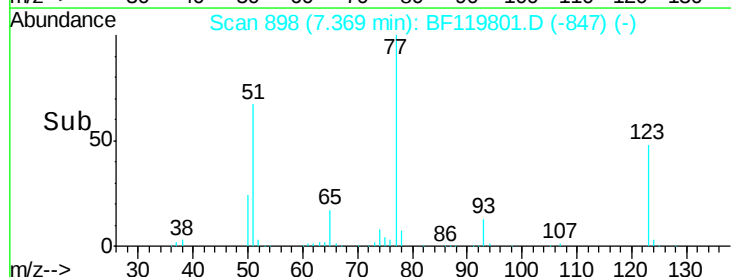
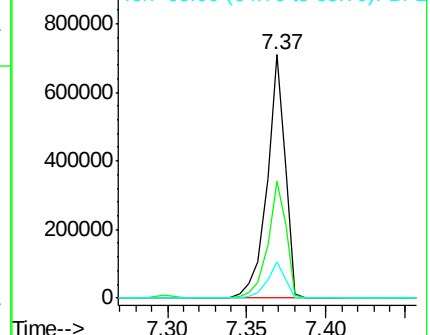
65 15.1 12.6 18.8

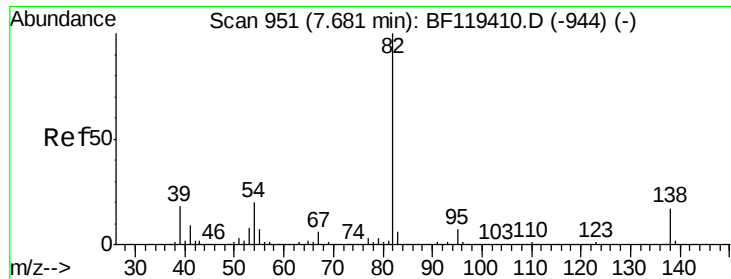


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.65 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

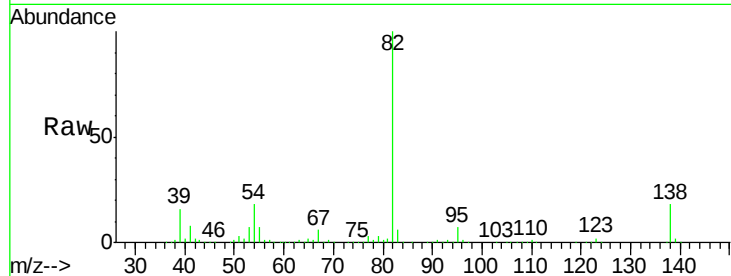
Tgt Ion: 82 Resp: 1047203

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

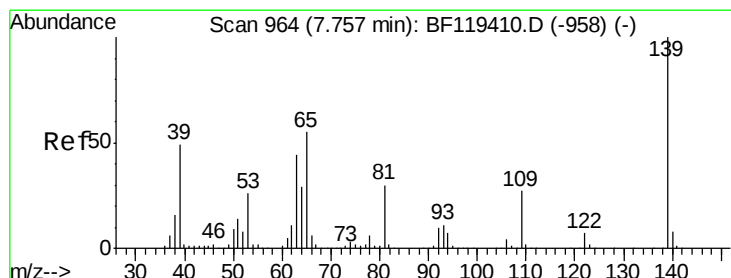
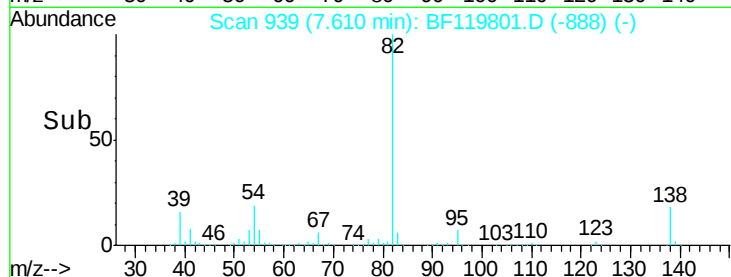
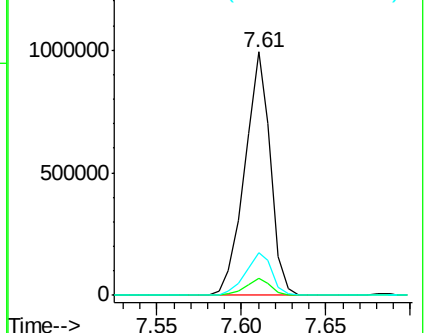
138 17.8 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.73 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

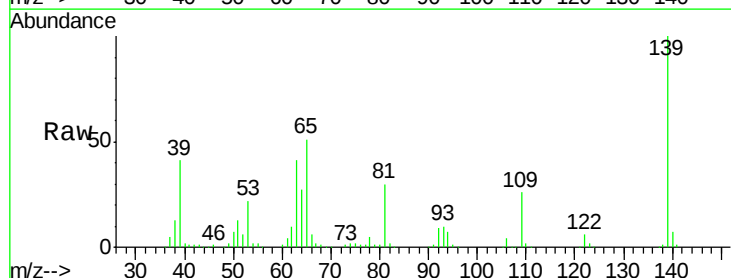
Tgt Ion: 139 Resp: 286920

Ion Ratio Lower Upper

139 100

109 26.0 22.1 33.1

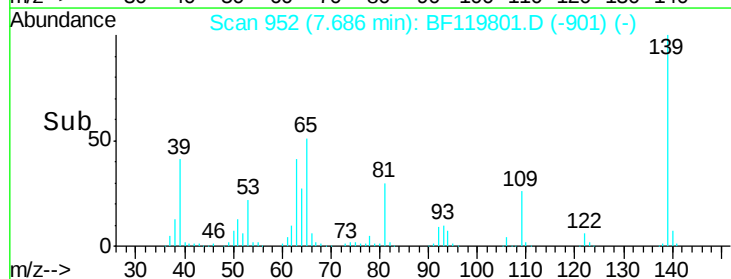
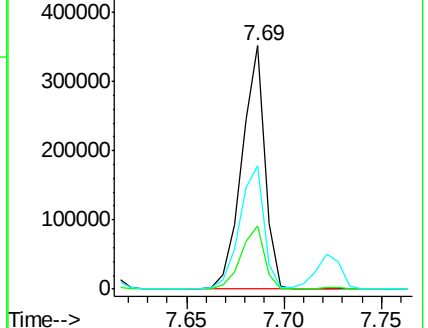
65 50.7 49.2 73.8

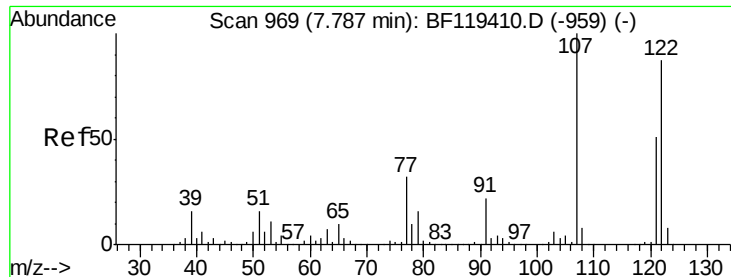


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

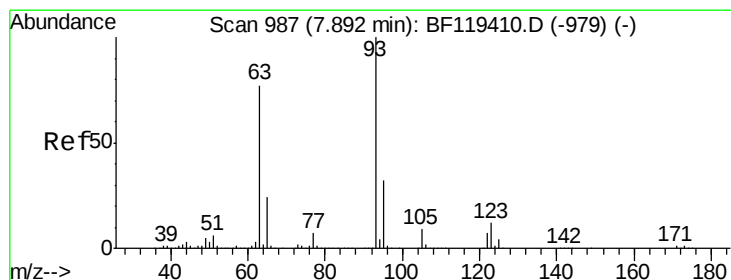
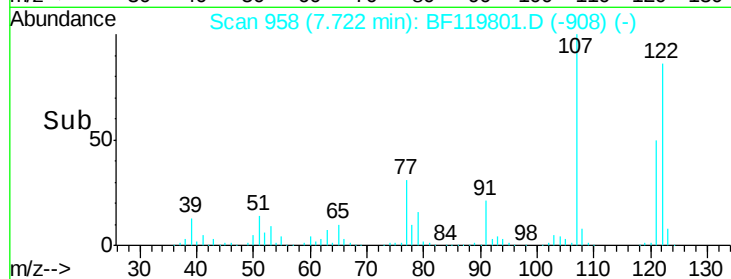
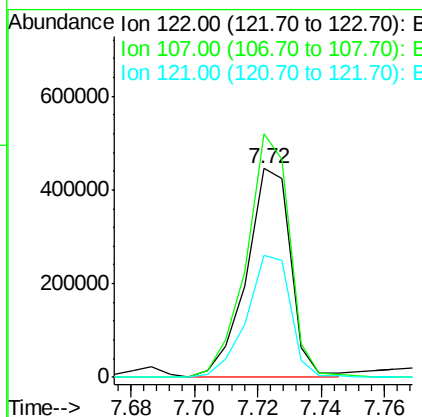
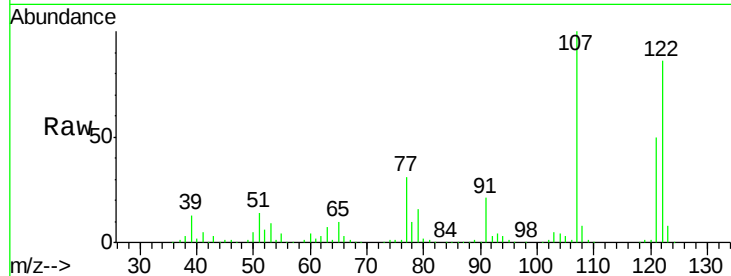




#27
 2,4-Dimethylphenol
 Concen: 36.01 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

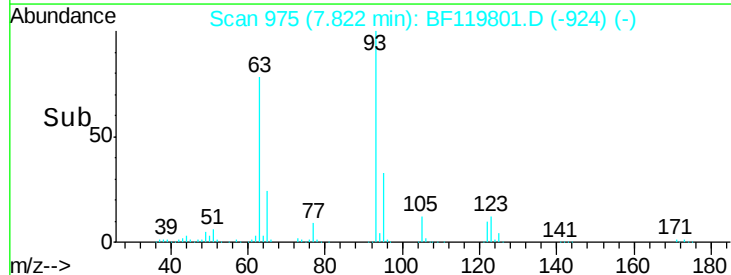
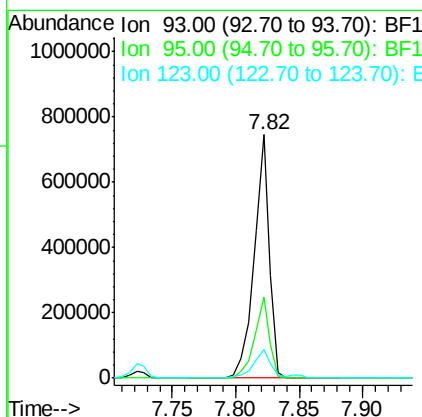
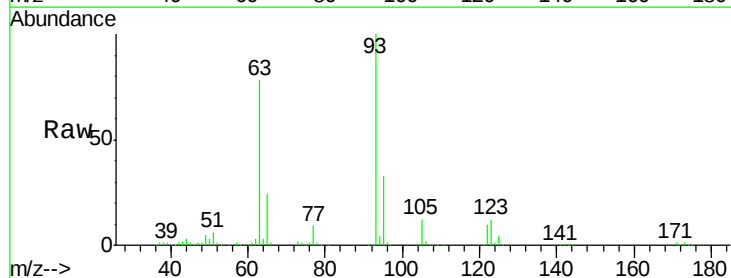
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 122 Resp: 429687
 Ion Ratio Lower Upper
 122 100
 107 116.6 89.0 133.6
 121 58.6 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.11 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion: 93 Resp: 626808
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.9 9.7 14.5

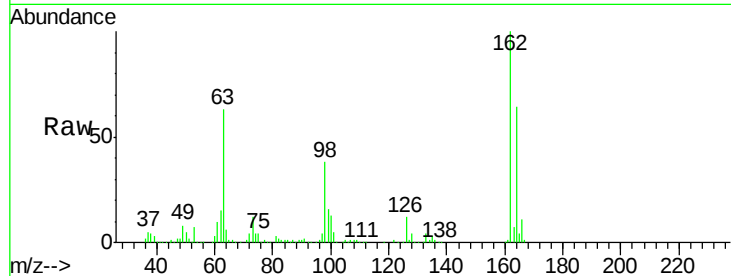




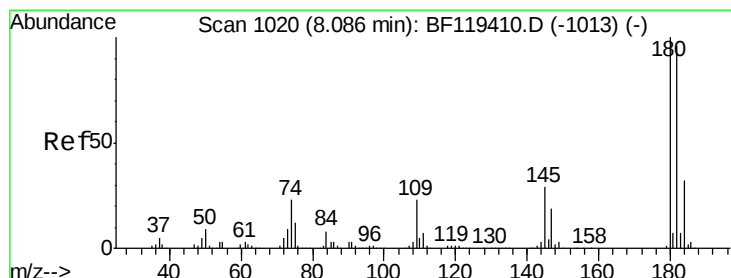
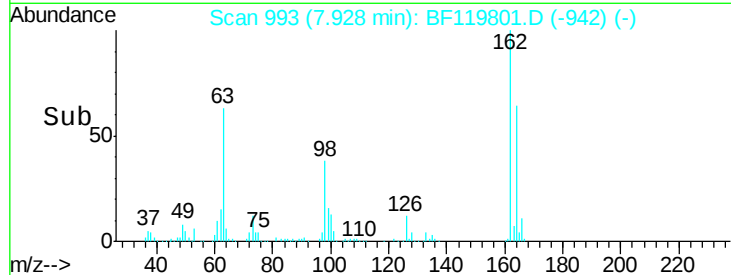
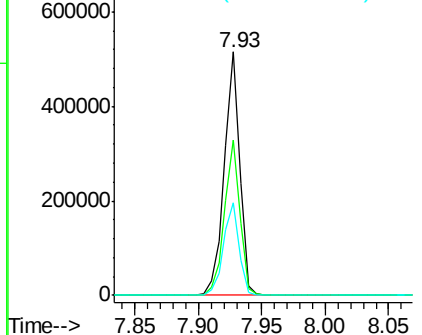
#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.7	84.7
98	38.0	20.7	60.7

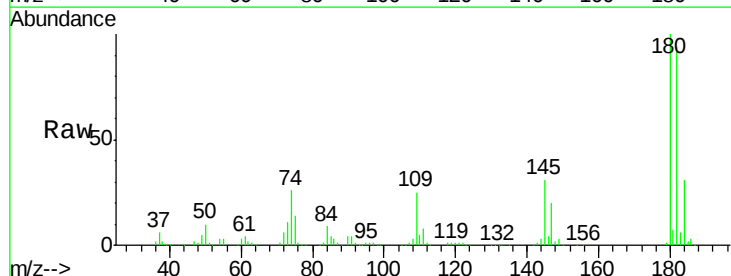


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

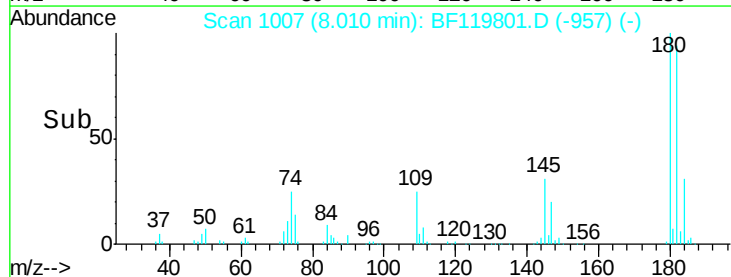
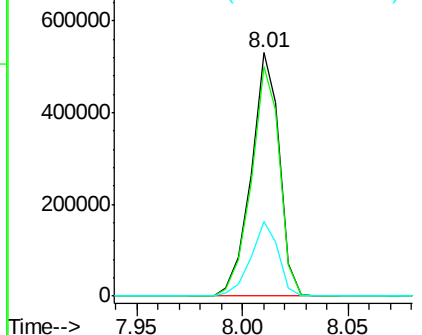


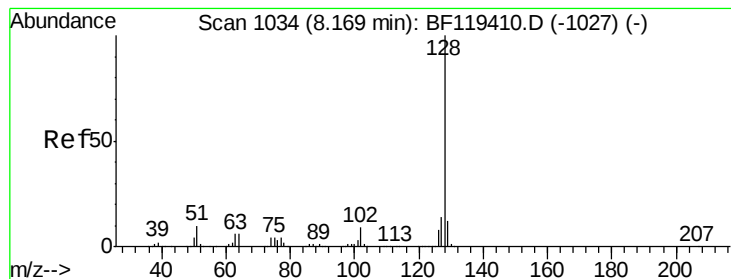
#30
1,2,4-Trichlorobenzene
Concen: 40.56 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.7	112.1
145	30.8	24.5	36.7



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





#31

Naphthalene

Concen: 40.43 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

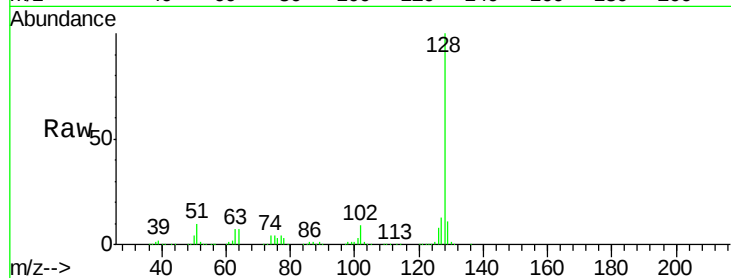
Tgt Ion:128 Resp: 1550490

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

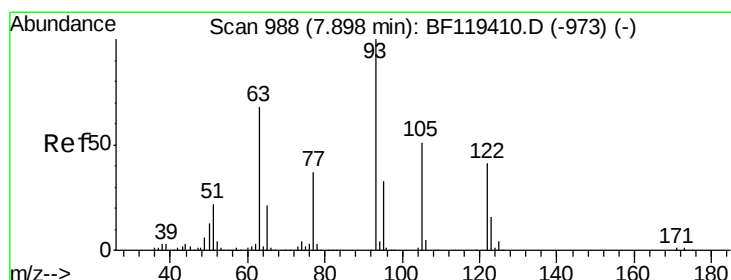
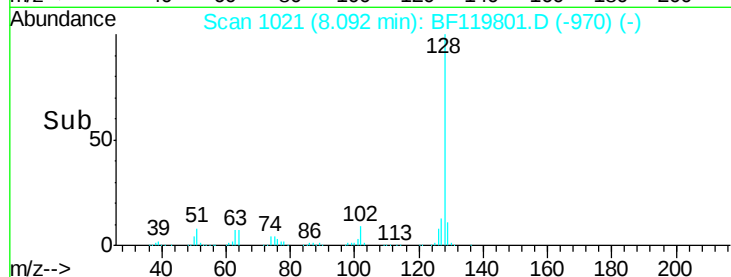
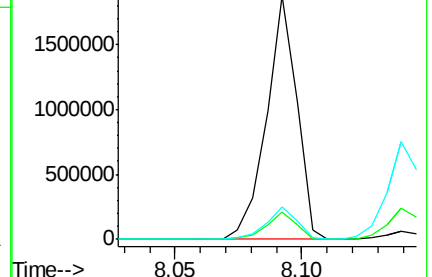
127 13.4 11.3 16.9



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: 40.83 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

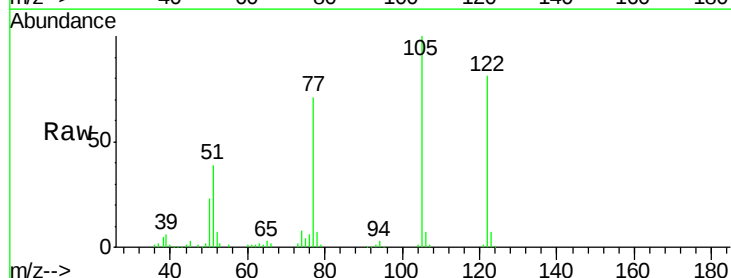
Tgt Ion:122 Resp: 313393

Ion Ratio Lower Upper

122 100

105 123.0 104.9 144.9

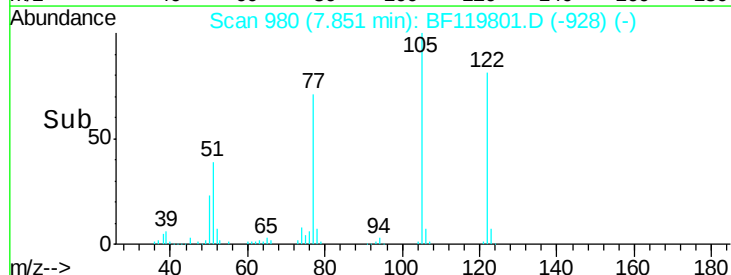
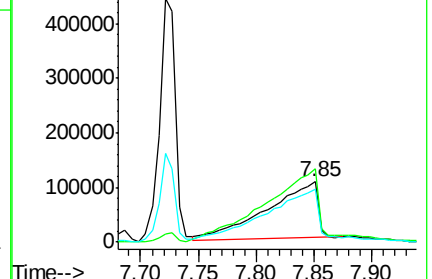
77 87.9 74.4 114.4

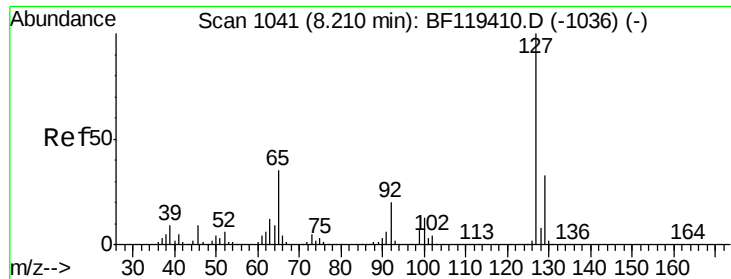


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

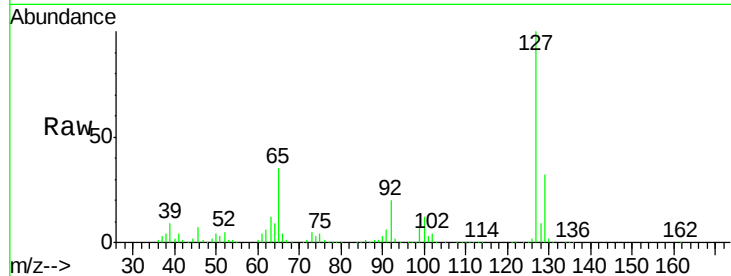




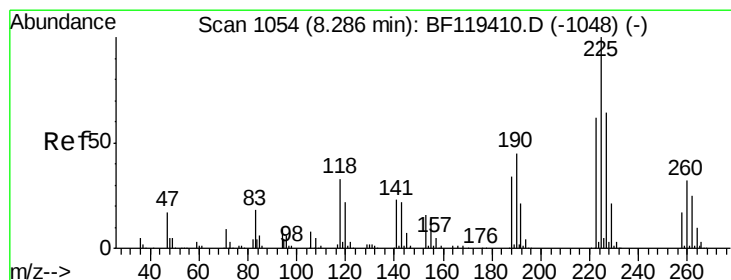
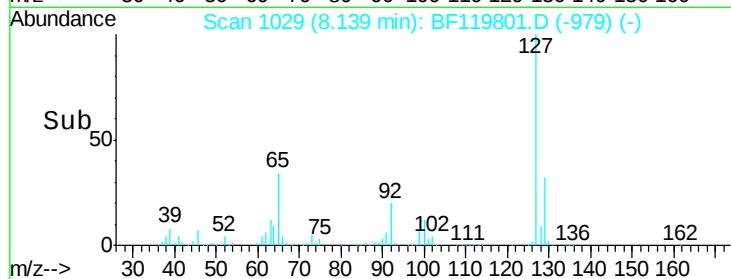
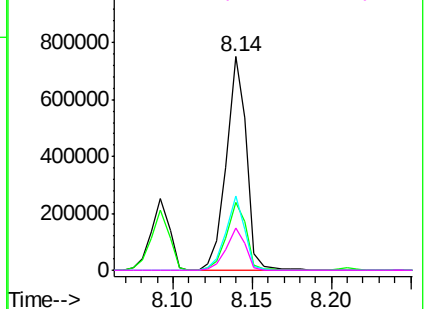
#33
4-Chloroaniline
Concen: 37.61 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	661005
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	34.8	27.4	41.0
92	19.9	15.3	22.9

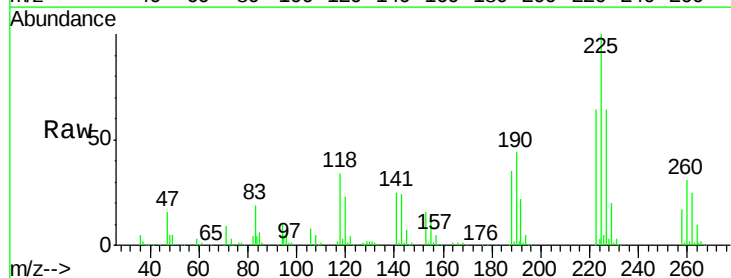


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

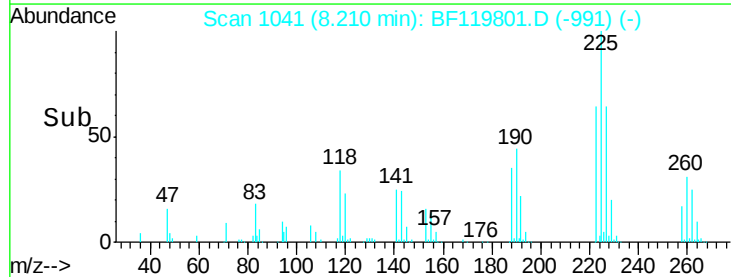
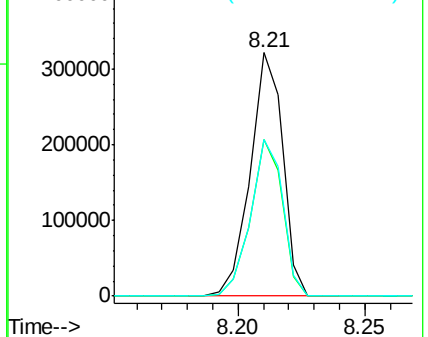


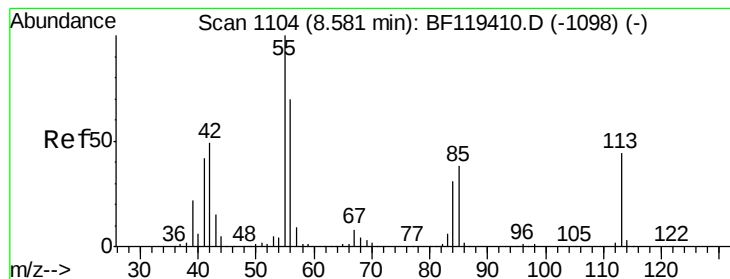
#34
Hexachlorobutadiene
Concen: 42.30 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion:	225	Resp:	286898
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.3	50.7	76.1



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: 36.71 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

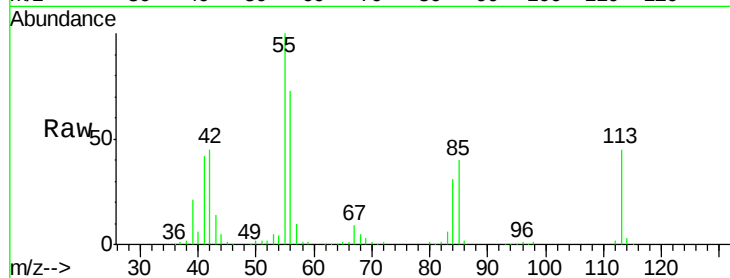
Tgt Ion:113 Resp: 131698

Ion Ratio Lower Upper

113 100

55 223.7 218.4 258.4

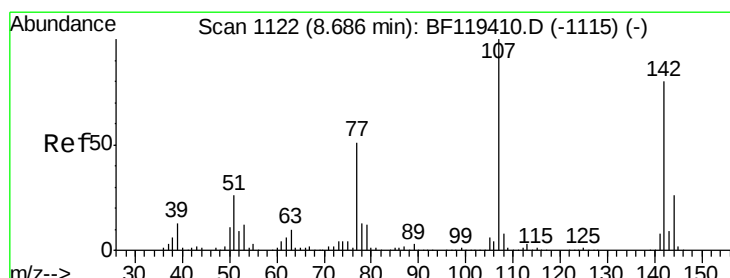
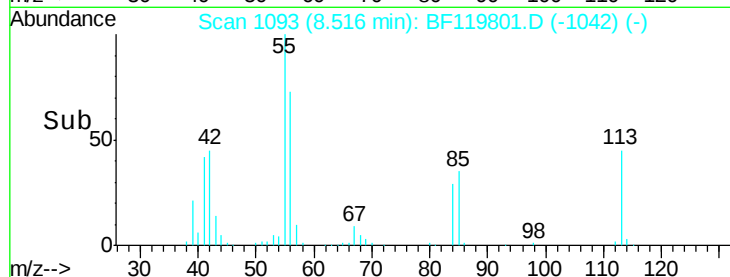
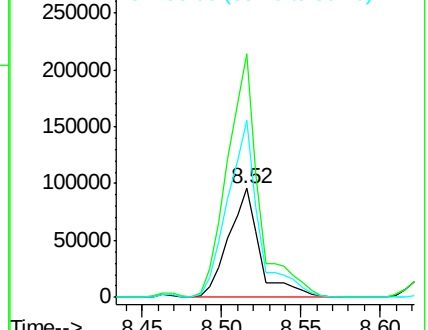
56 162.3 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.27 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

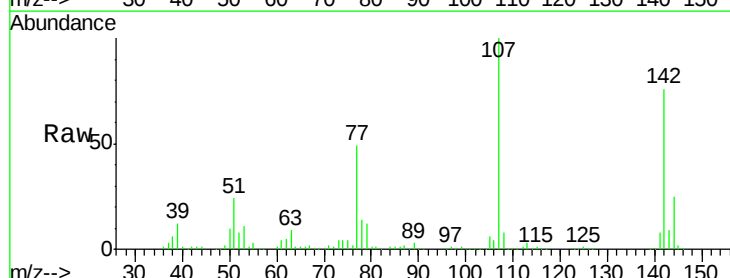
Tgt Ion:107 Resp: 470475

Ion Ratio Lower Upper

107 100

144 24.8 21.0 31.6

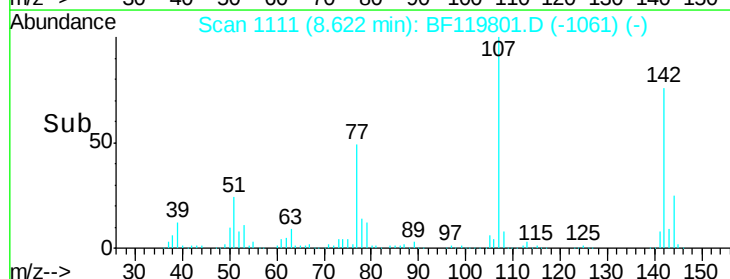
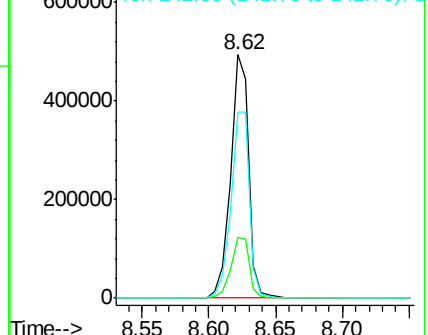
142 76.2 64.4 96.6

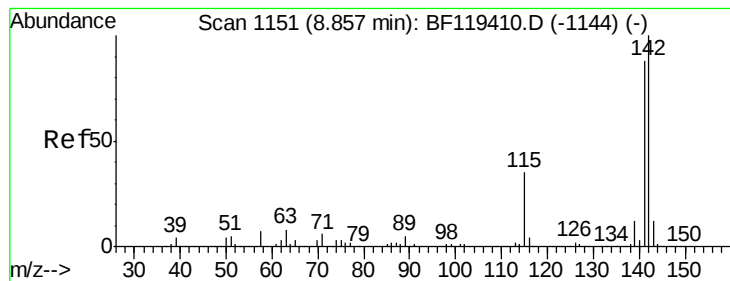


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.48 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

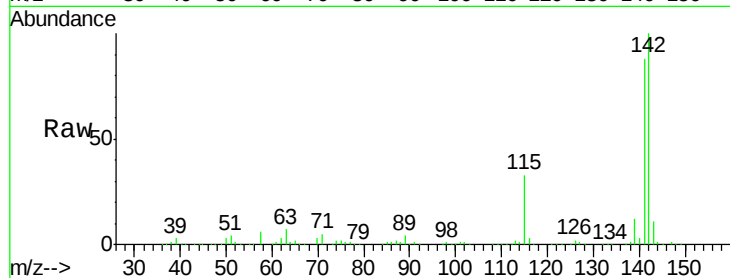
Tgt Ion:142 Resp: 1018774

Ion Ratio Lower Upper

142 100

141 88.0 71.7 107.5

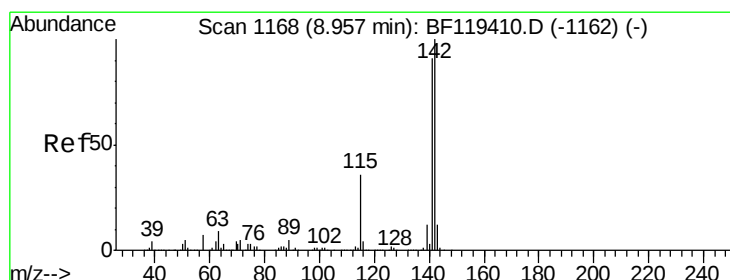
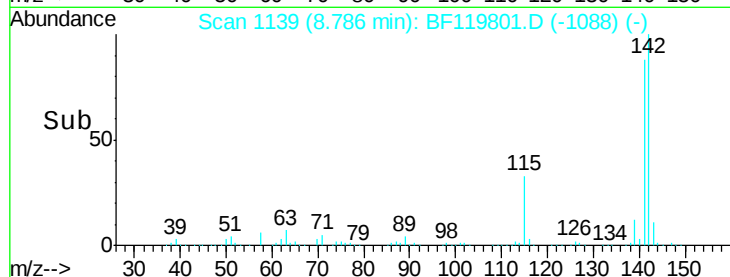
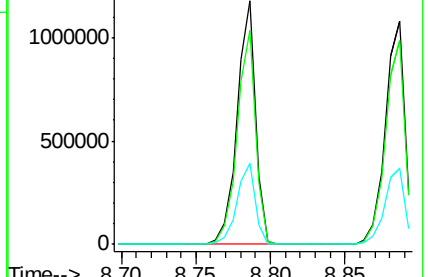
115 33.3 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.38 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

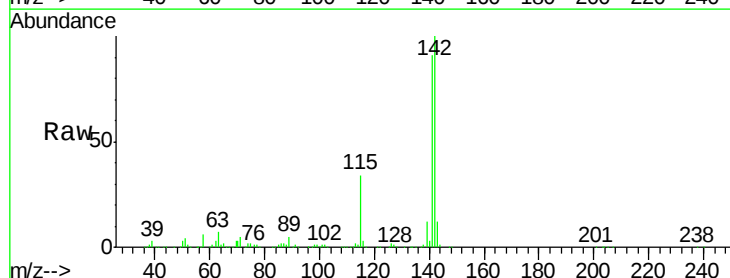
Tgt Ion:142 Resp: 962093

Ion Ratio Lower Upper

142 100

141 91.0 73.7 110.5

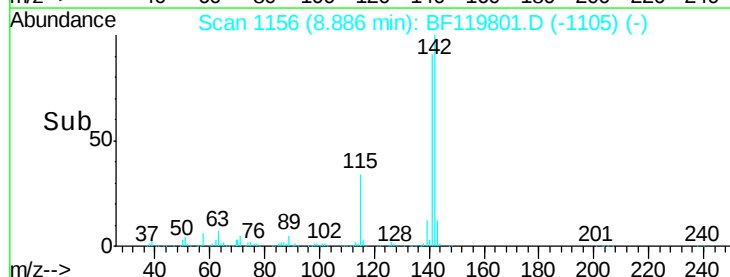
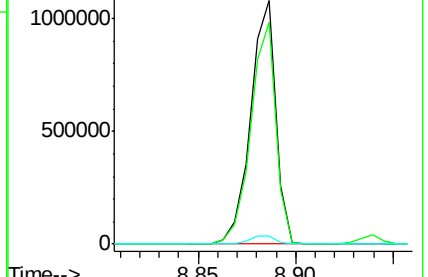
116 3.5 3.0 4.6

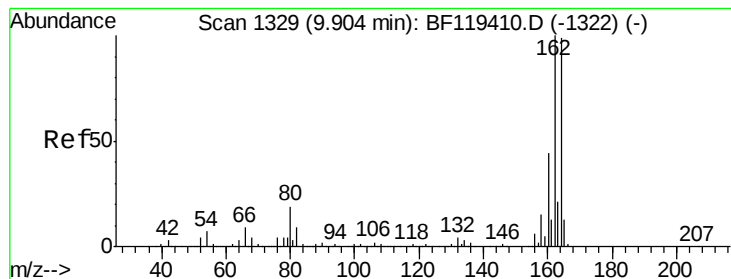


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

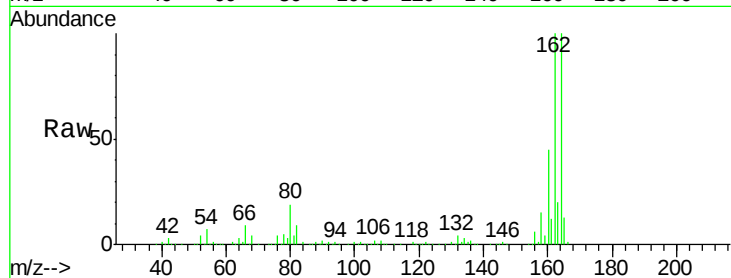
Tgt Ion:164 Resp: 375943

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

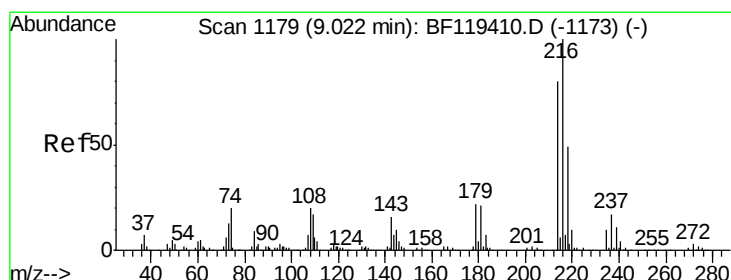
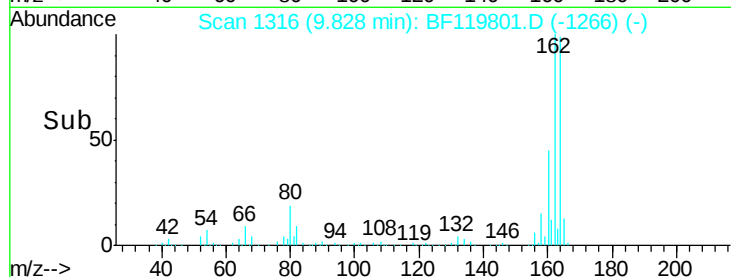
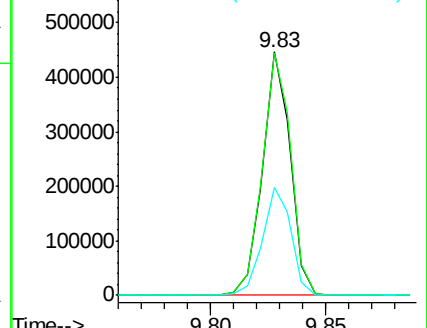
160 44.6 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.97 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Tgt Ion:216 Resp: 462462

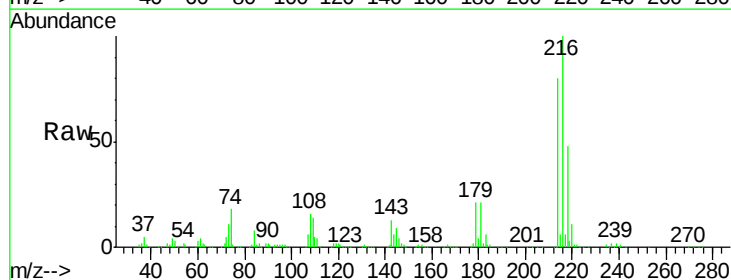
Ion Ratio Lower Upper

216 100

214 79.7 63.2 94.8

179 21.0 17.1 25.7

108 17.5 15.1 22.7

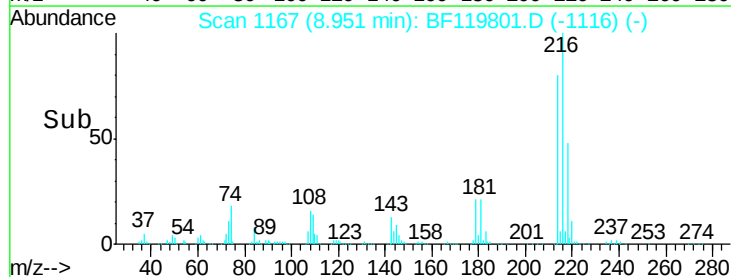
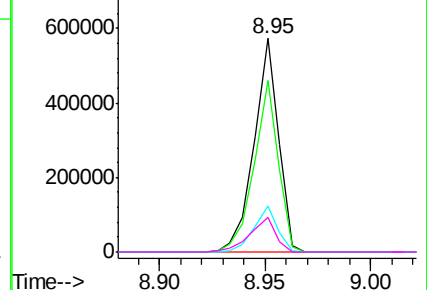


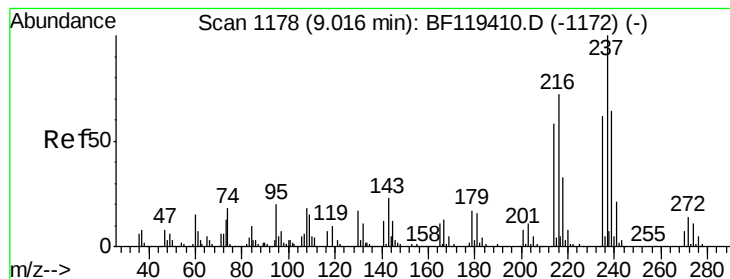
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.58 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

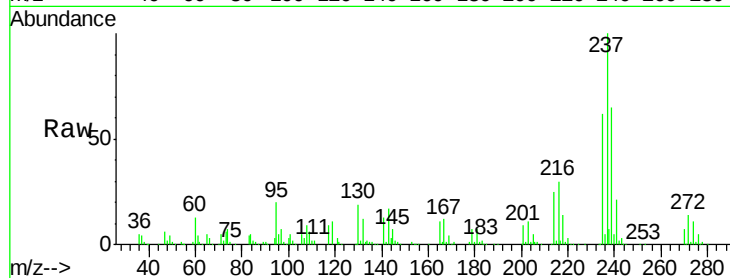
Tgt Ion: 237 Resp: 247938

Ion Ratio Lower Upper

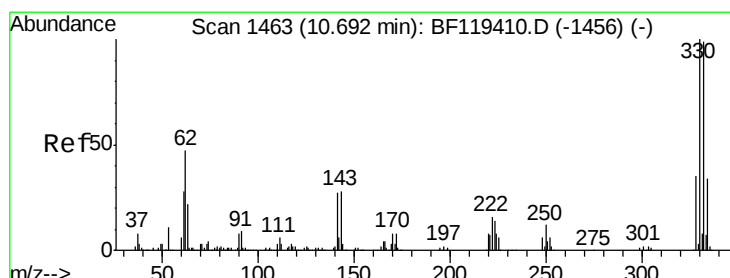
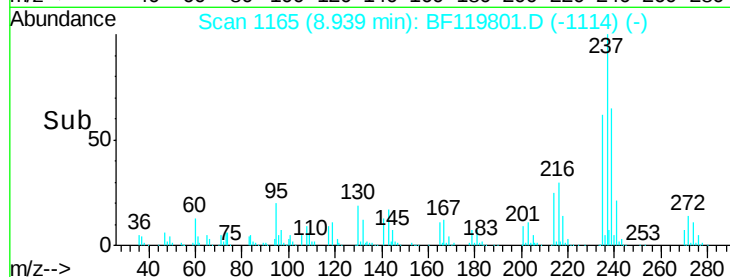
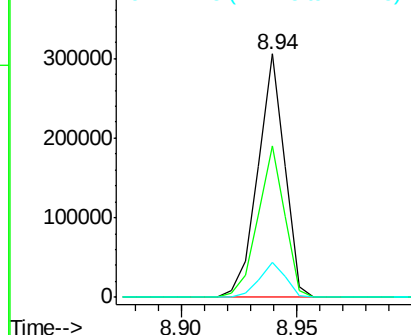
237 100

235 62.2 43.2 83.2

272 14.2 0.0 34.1



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: 91.88 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

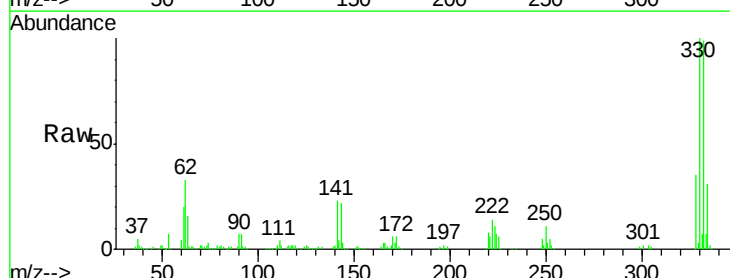
Tgt Ion: 330 Resp: 356349

Ion Ratio Lower Upper

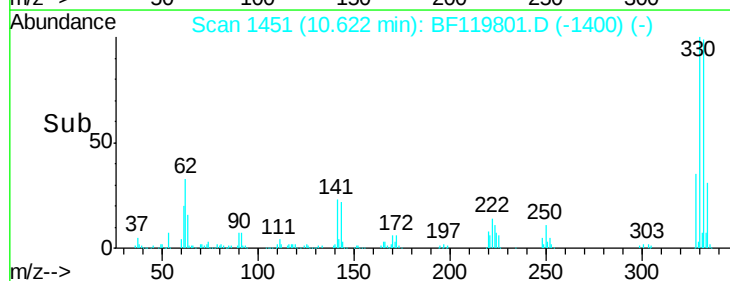
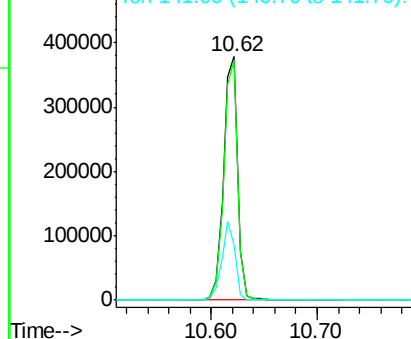
330 100

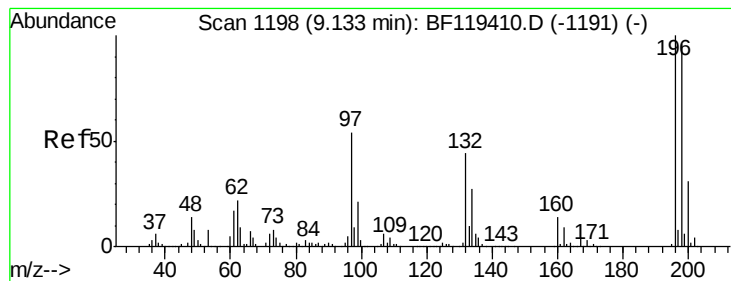
332 96.6 75.7 113.5

141 30.6 25.4 38.0



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: 41.34 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

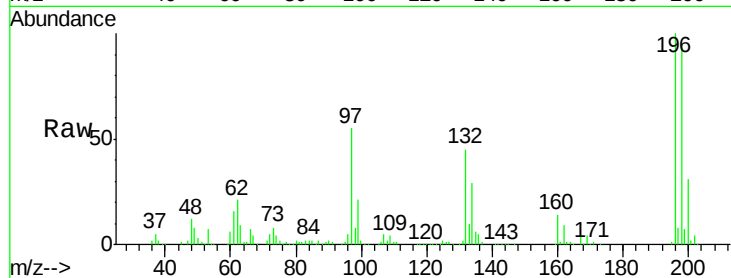
Tgt Ion:196 Resp: 325959

Ion Ratio Lower Upper

196 100

198 95.1 76.6 115.0

200 30.8 24.6 36.8

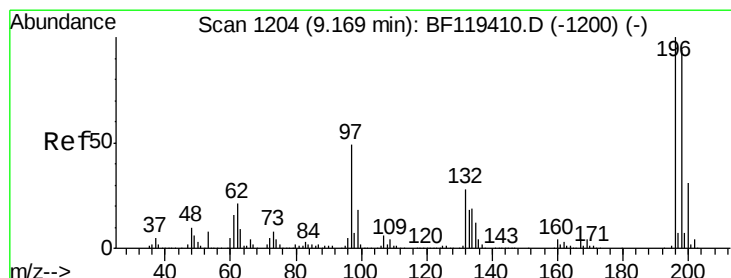
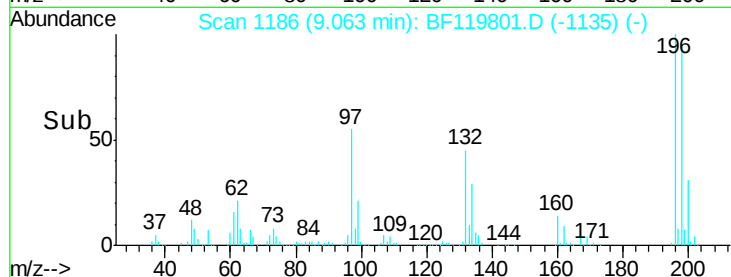
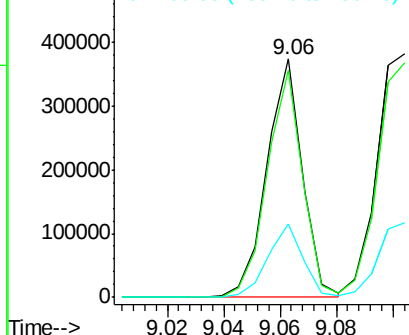


Abundance

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: 41.35 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Tgt Ion:196 Resp: 365235

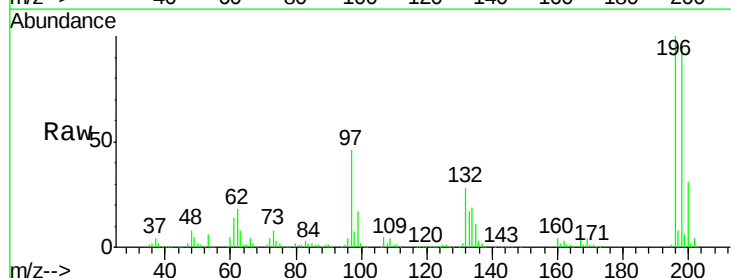
Ion Ratio Lower Upper

196 100

198 96.5 73.8 110.8

97 46.3 42.6 63.8

132 27.6 24.0 36.0



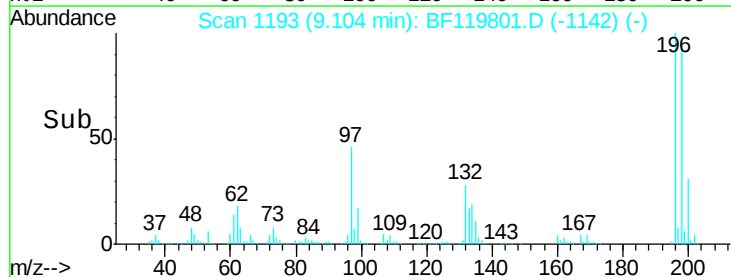
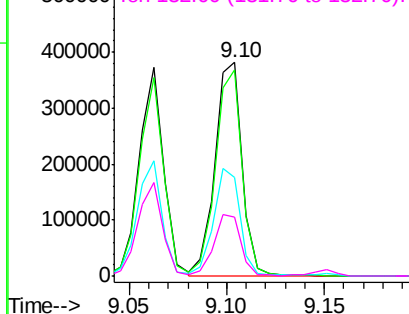
Abundance

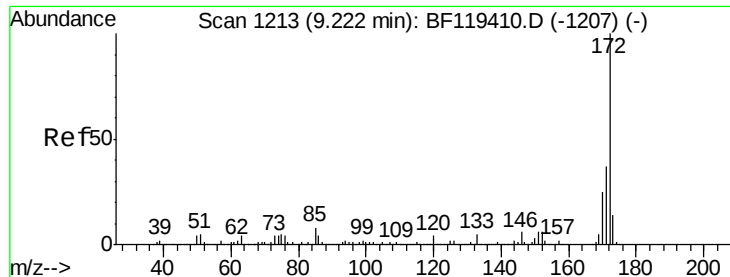
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

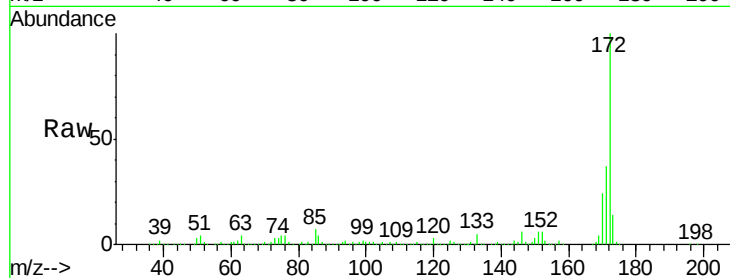




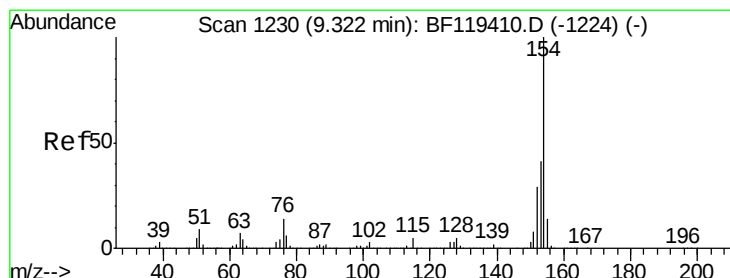
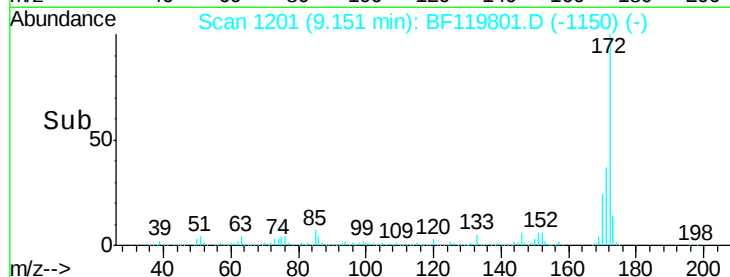
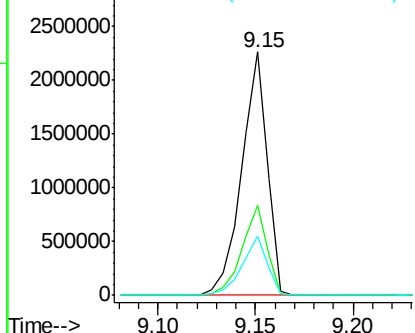
#45
 2-Fluorobiphenyl
 Concen: 80.49 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 2042656
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.3 20.2 30.2

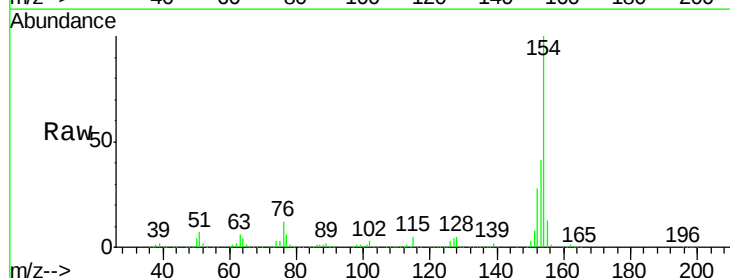


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

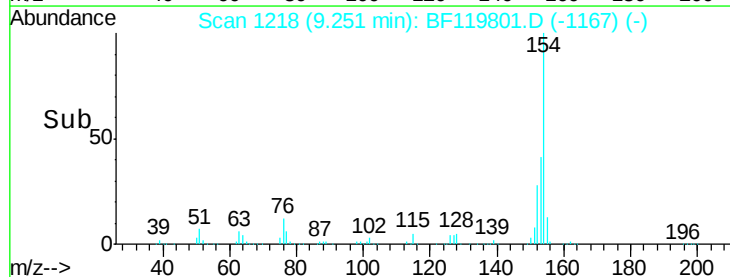
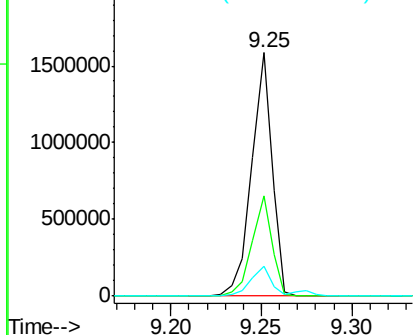


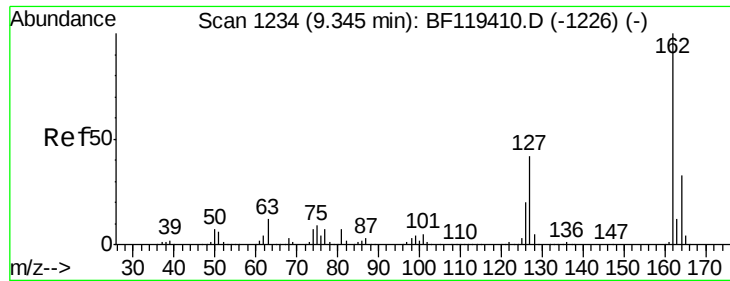
#46
 1,1'-Biphenyl
 Concen: 40.82 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion:154 Resp: 1249738
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.4 61.4
 76 12.3 0.0 33.0



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

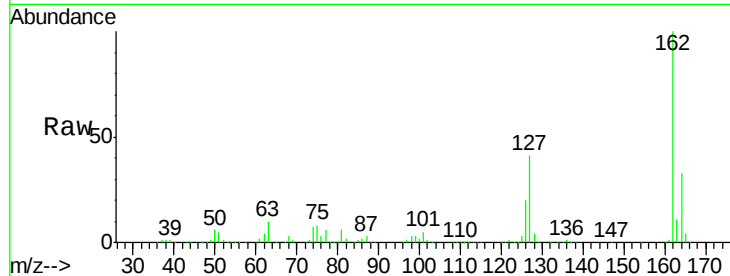




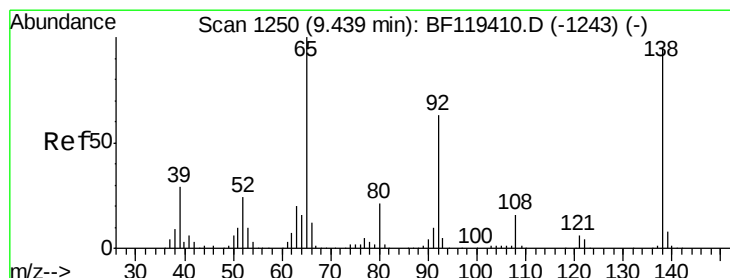
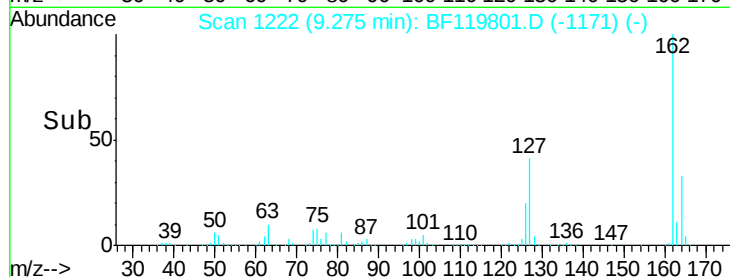
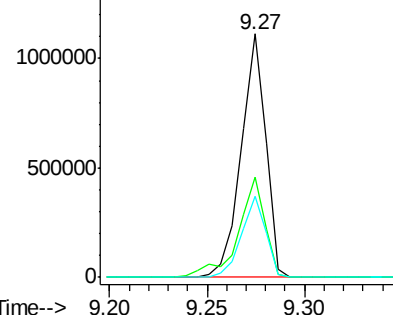
#47
 2-Chloronaphthalene
 Concen: 40.53 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 972123
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.7 50.5
 164 33.2 26.3 39.5

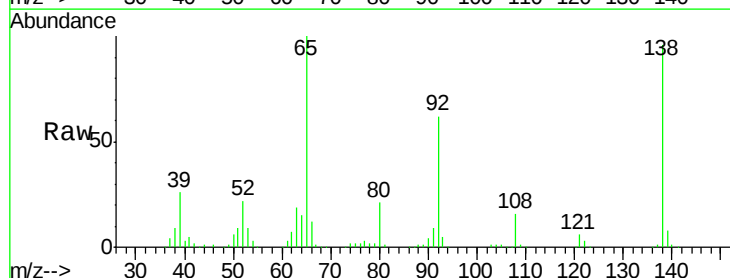


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

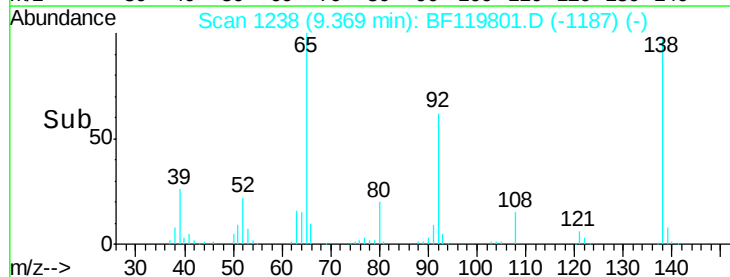
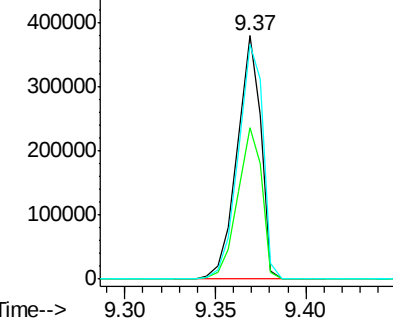


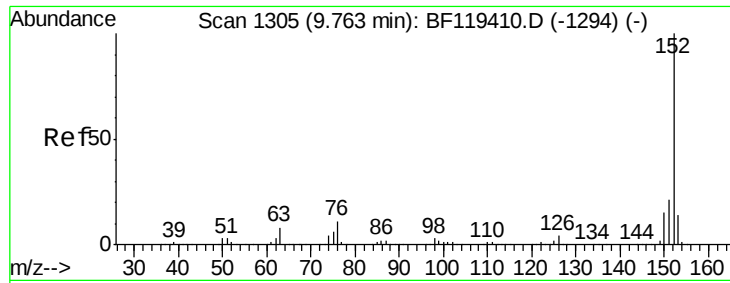
#48
 2-Nitroaniline
 Concen: 41.71 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion: 65 Resp: 345250
 Ion Ratio Lower Upper
 65 100
 92 62.0 50.0 75.0
 138 96.2 75.0 112.4



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





#49

Acenaphthylene

Concen: 40.00 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

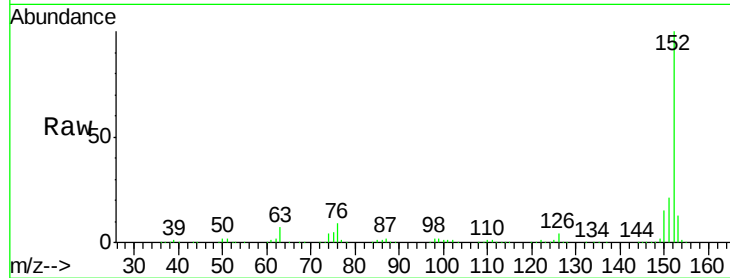
Tgt Ion:152 Resp: 1506696

Ion Ratio Lower Upper

152 100

151 20.6 17.2 25.8

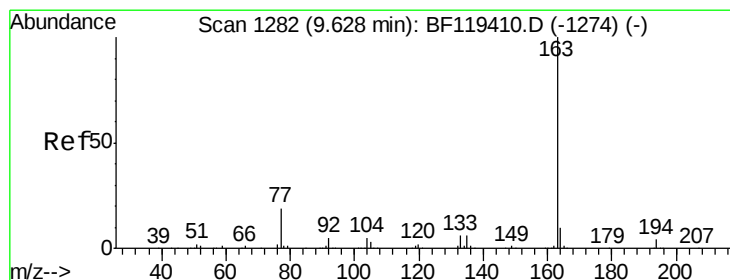
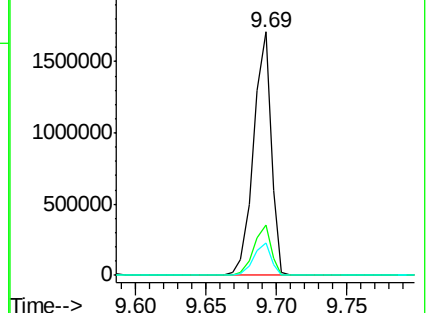
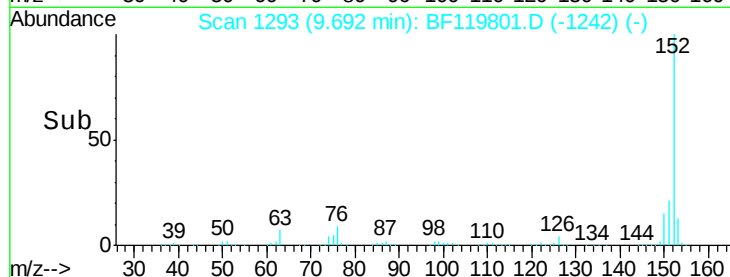
153 13.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.55 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

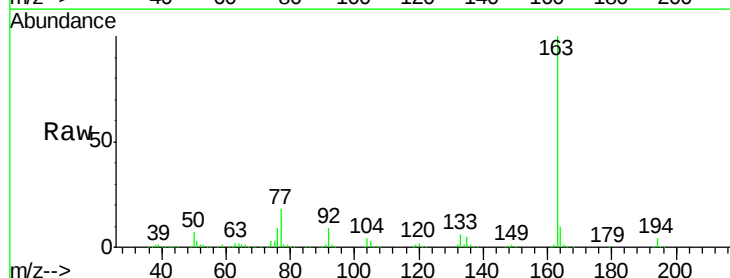
Tgt Ion:163 Resp: 1082889

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

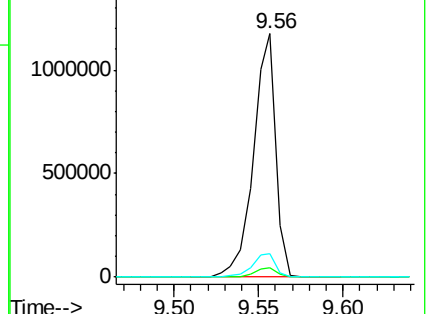
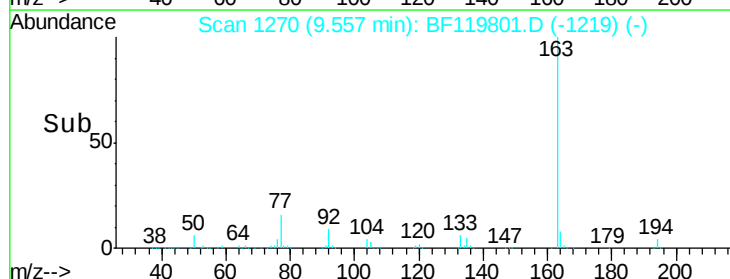
164 9.9 8.2 12.2

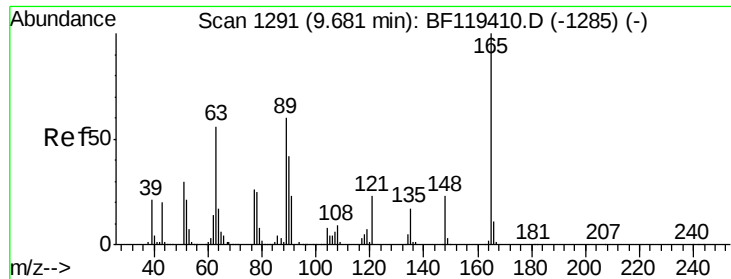


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

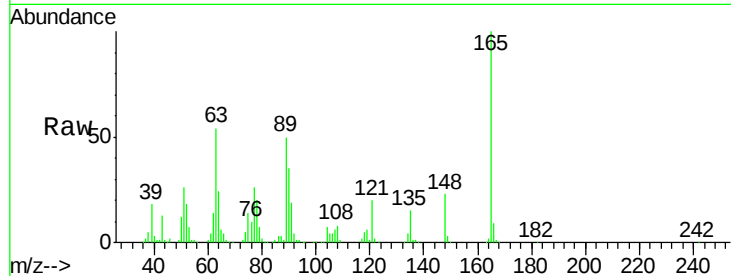




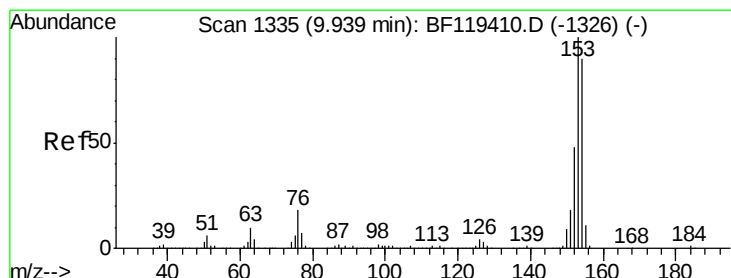
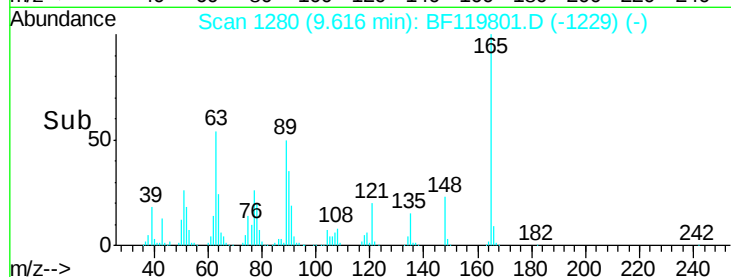
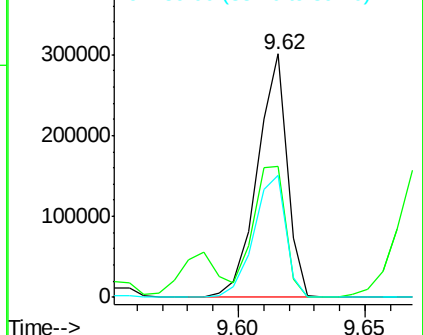
#51
2,6-Dinitrotoluene
Concen: 43.28 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 247746
Ion Ratio Lower Upper
165 100
63 53.7 45.0 67.4
89 50.2 41.5 62.3

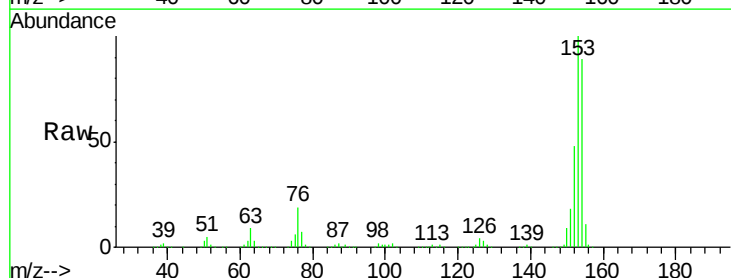


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

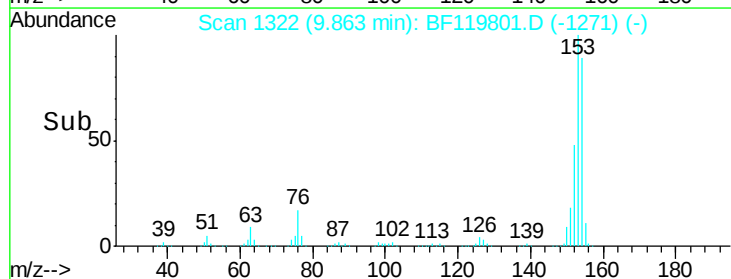
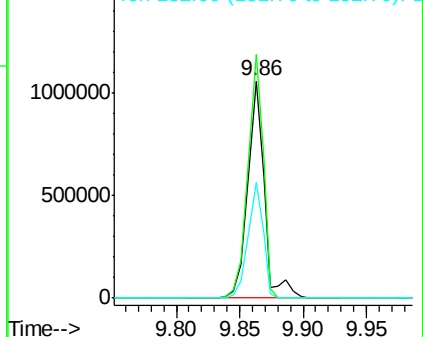


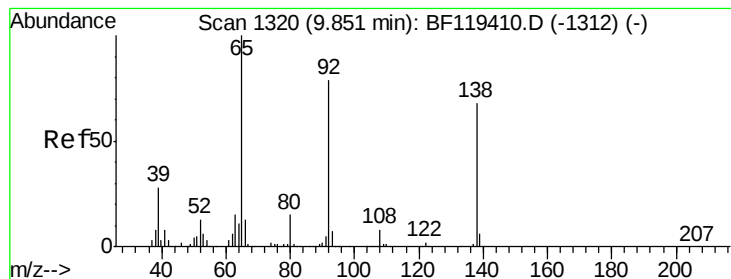
#52
Acenaphthene
Concen: 40.82 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion:154 Resp: 958497
Ion Ratio Lower Upper
154 100
153 112.1 88.1 132.1
152 53.3 43.0 64.4



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





#53

3-Nitroaniline

Concen: 40.95 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

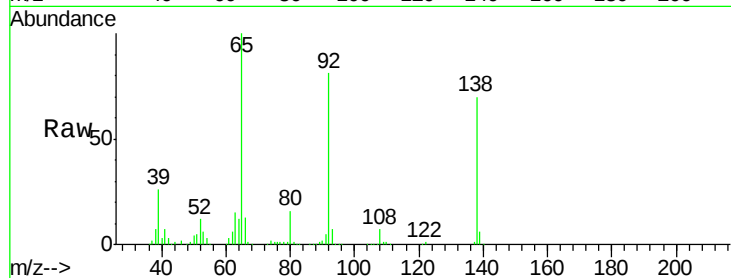
Tgt Ion:138 Resp: 295941

Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

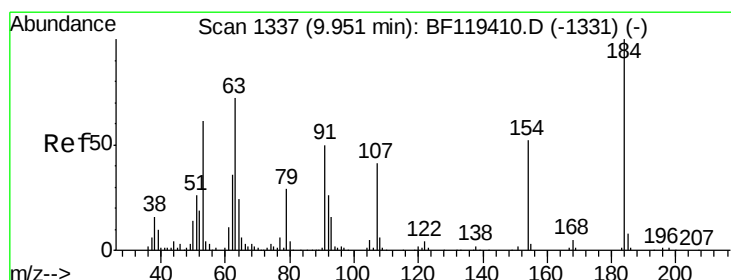
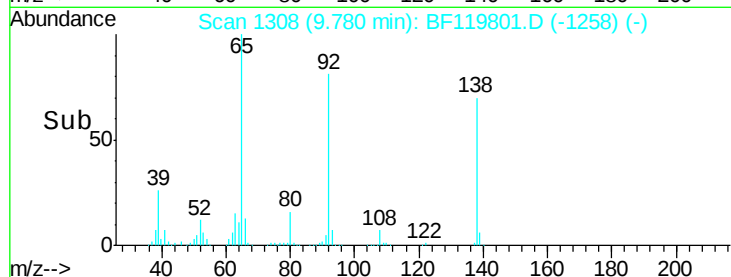
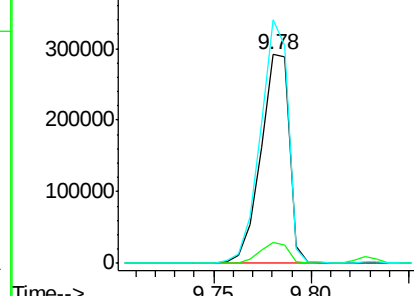
92 116.7 95.4 143.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 53.87 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

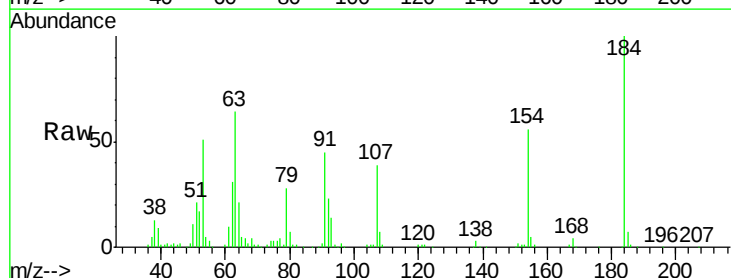
Tgt Ion:184 Resp: 126950

Ion Ratio Lower Upper

184 100

63 64.4 50.2 75.4

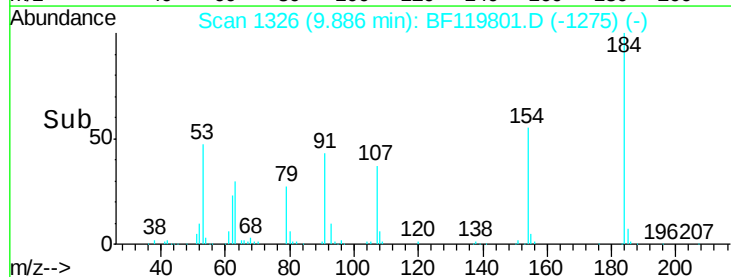
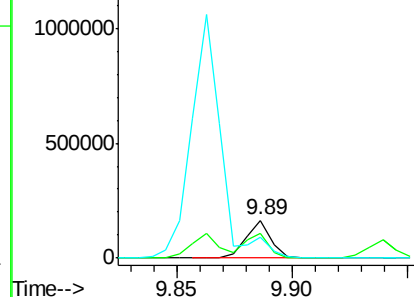
154 55.6 44.5 66.7

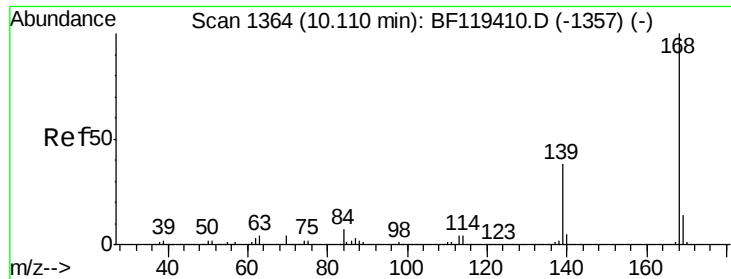


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.37 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

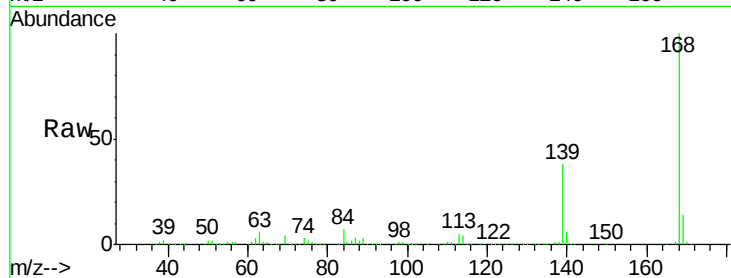
Tgt Ion:168 Resp: 1358941

Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

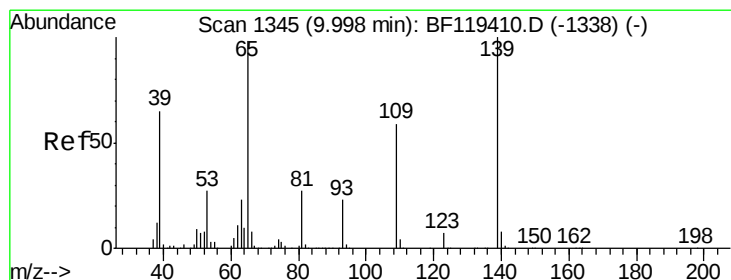
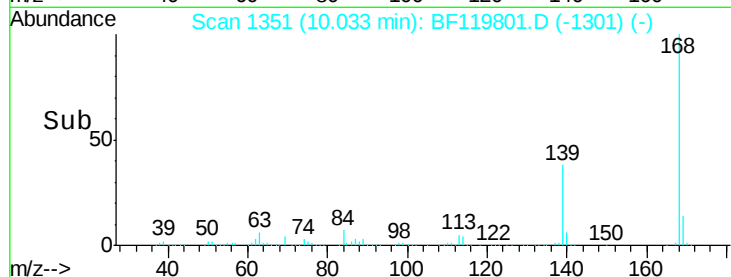
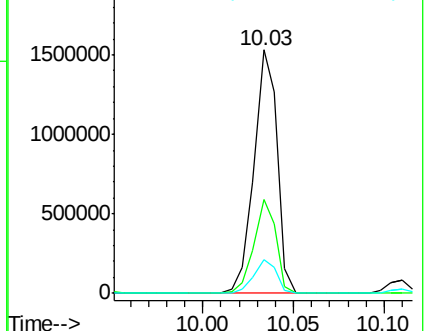
169 14.0 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.21 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

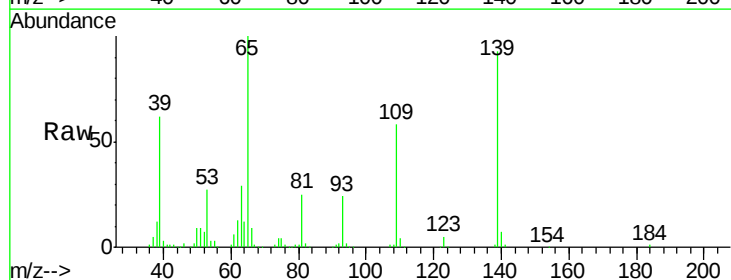
Tgt Ion:139 Resp: 217842

Ion Ratio Lower Upper

139 100

109 63.0 43.3 83.3

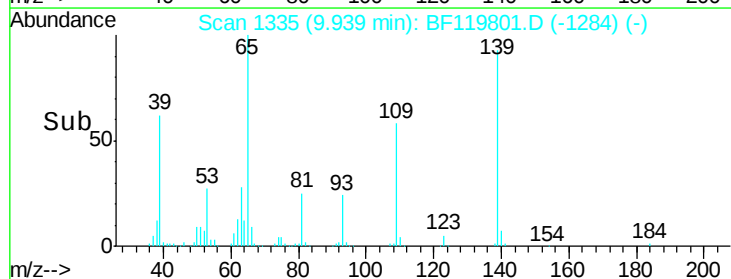
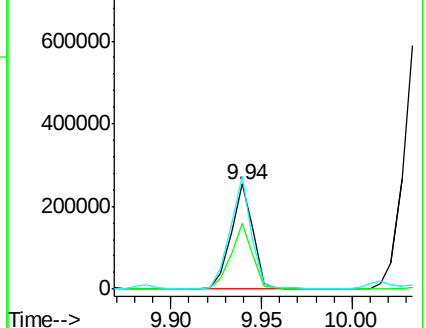
65 107.9 91.0 131.0

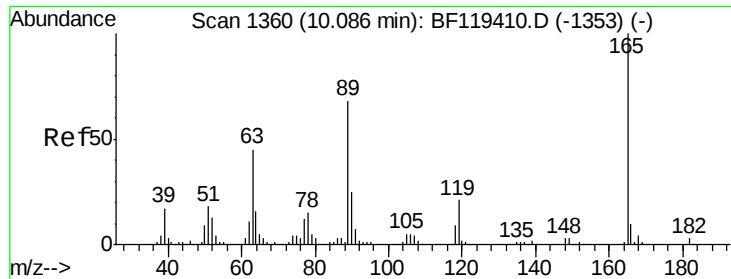


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

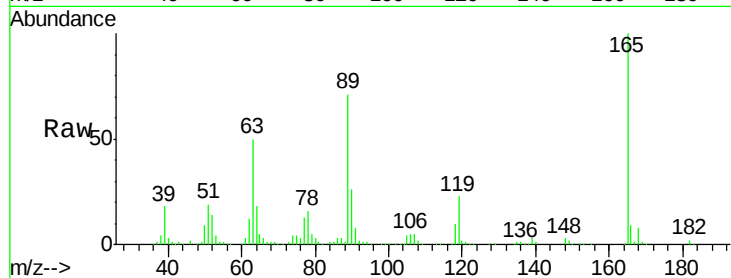




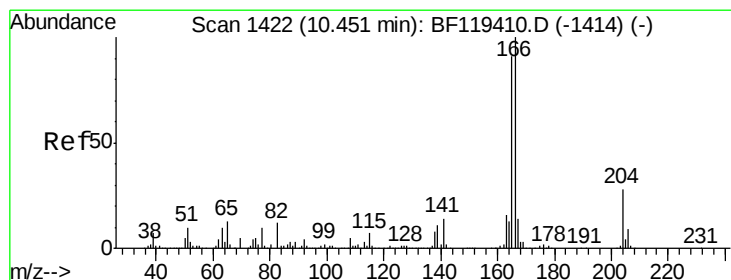
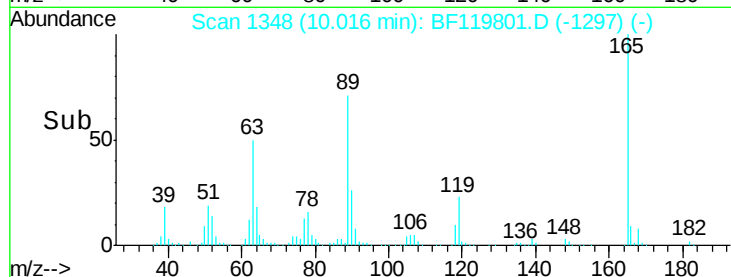
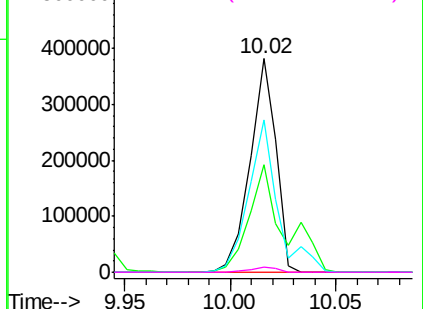
#57
2,4-Dinitrotoluene
Concen: 45.33 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	326838
Ion	Ratio	Lower	Upper
165	100		
63	50.2	42.6	64.0
89	71.1	61.0	91.4
182	2.5	2.2	3.2

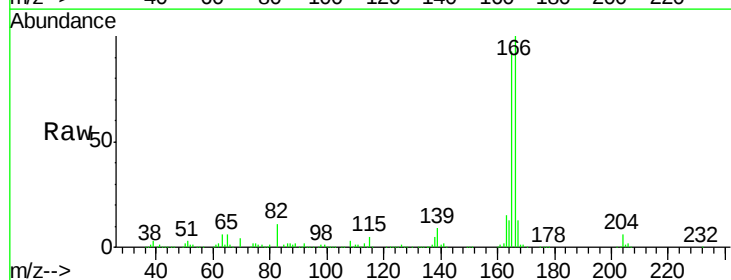


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

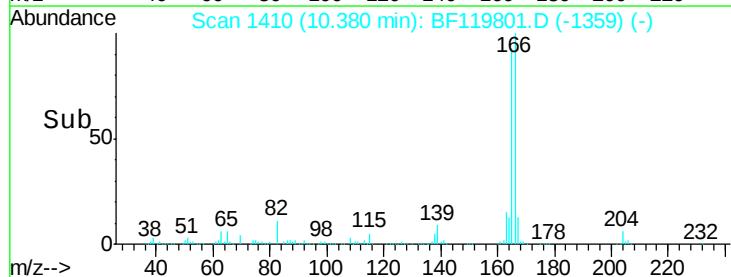
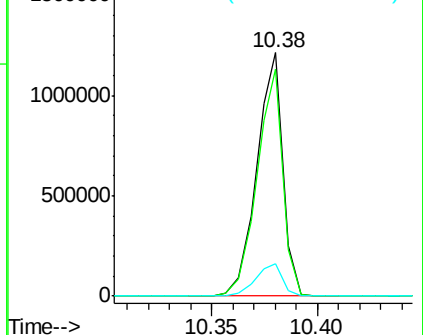


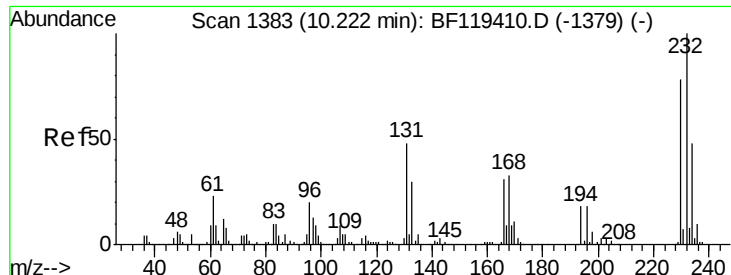
#58
Fluorene
Concen: 41.62 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion:	166	Resp:	1036069
Ion	Ratio	Lower	Upper
166	100		
165	93.2	75.4	113.2
167	13.1	11.2	16.8



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

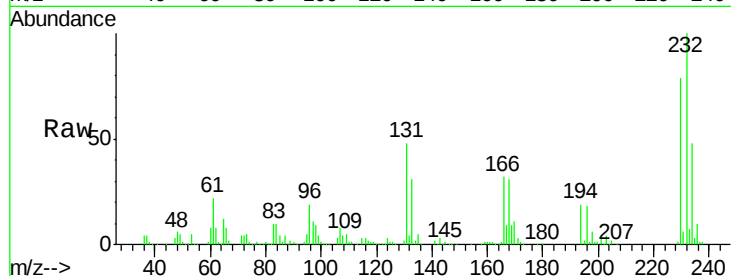




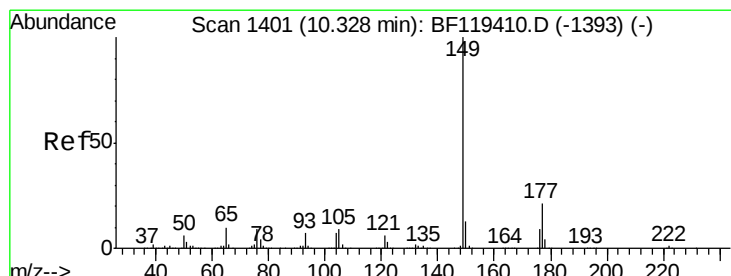
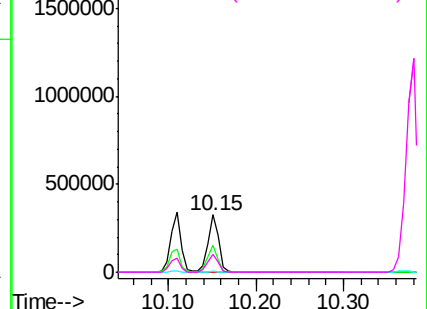
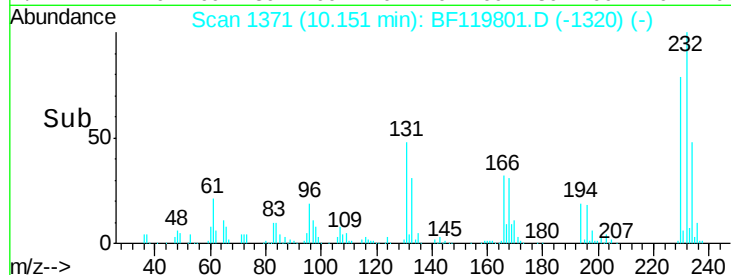
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.27 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.5	56.3
130	2.1	1.8	2.6
166	31.0	24.6	36.8

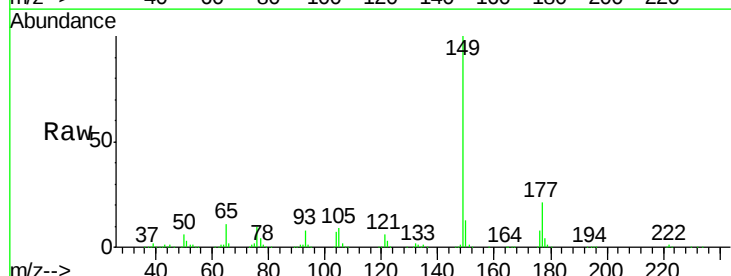


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

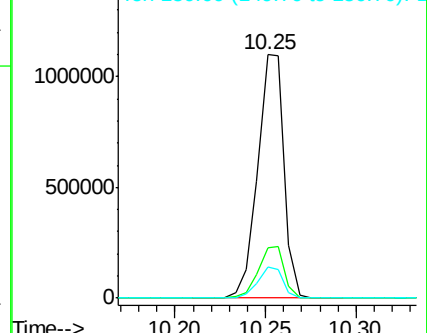
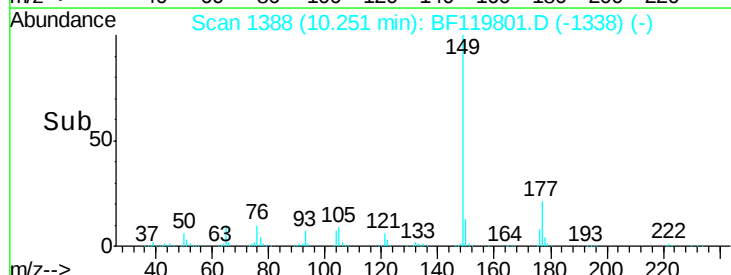


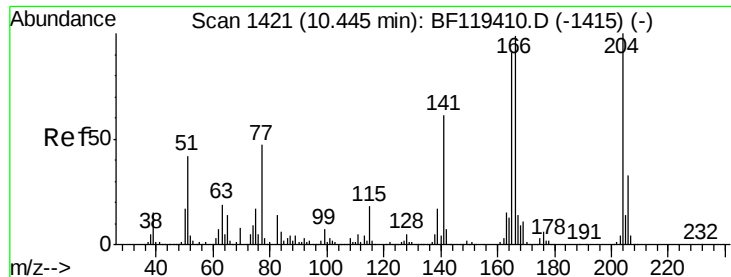
#60
 Diethylphthalate
 Concen: 40.81 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.6
150	12.9	10.1	15.1



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

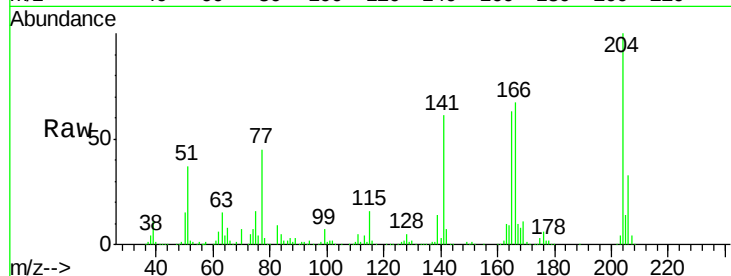




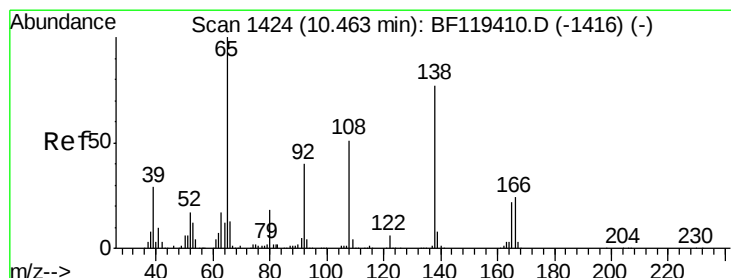
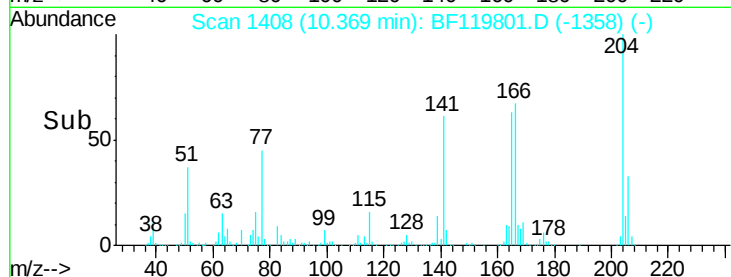
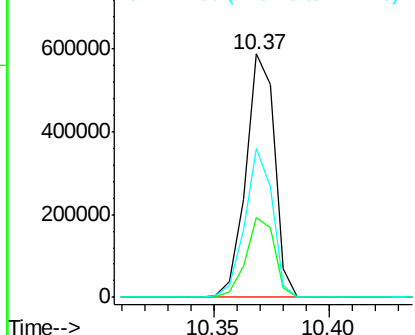
#61
4-Chlorophenyl-phenylether
Concen: 42.19 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 513607
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 61.2 47.3 70.9

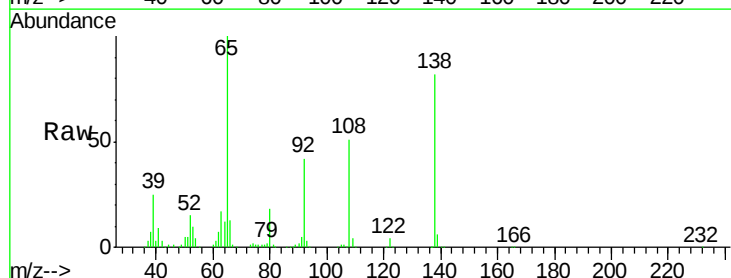


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

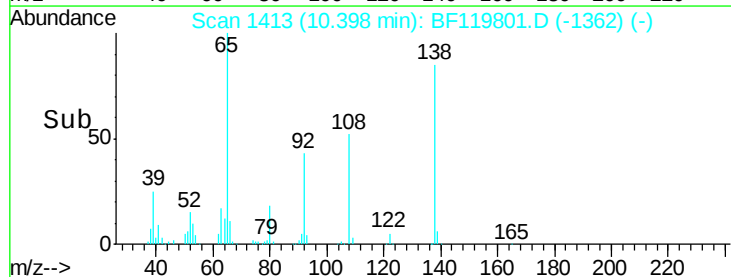
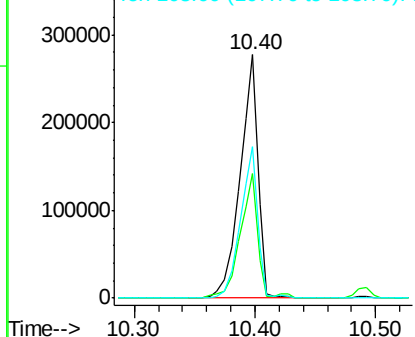


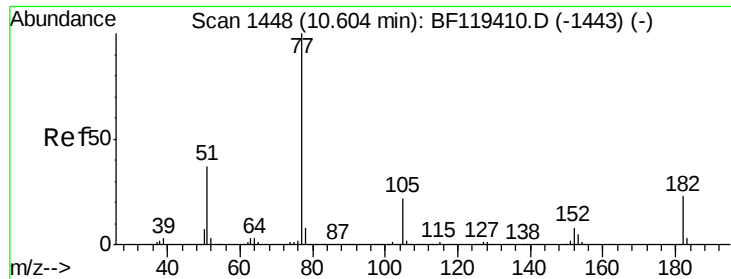
#62
4-Nitroaniline
Concen: 41.71 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion: 138 Resp: 289014
Ion Ratio Lower Upper
138 100
92 51.0 31.5 71.5
108 62.2 45.8 85.8



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





#63

Azobenzene

Concen: 38.46 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1049672

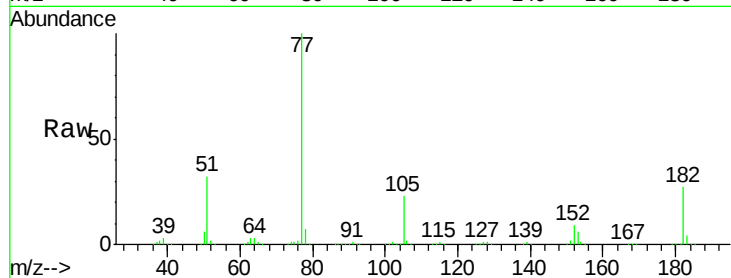
Ion Ratio Lower Upper

77 100

182 27.2 4.4 44.4

105 23.2 2.6 42.6

51 31.8 15.1 55.1

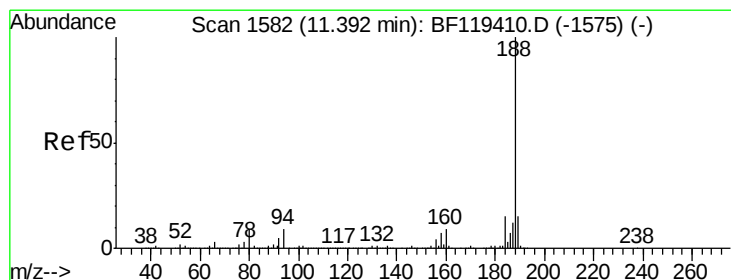
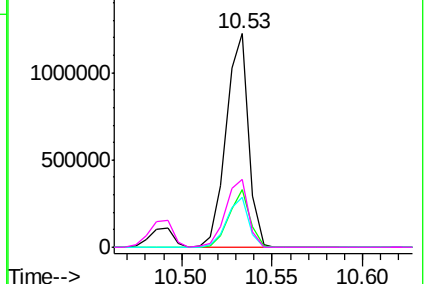
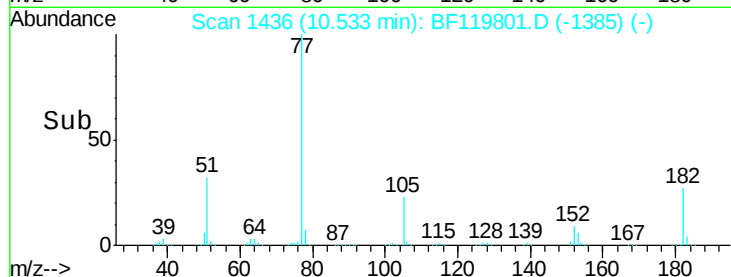


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

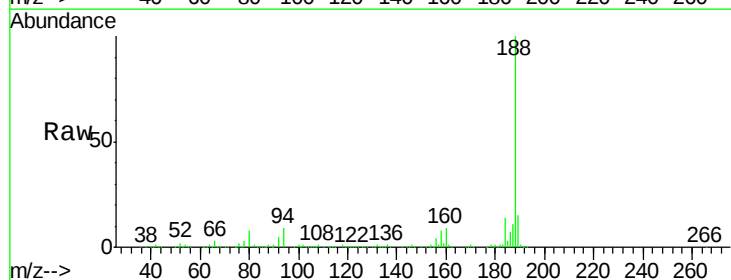
Tgt Ion: 188 Resp: 708296

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

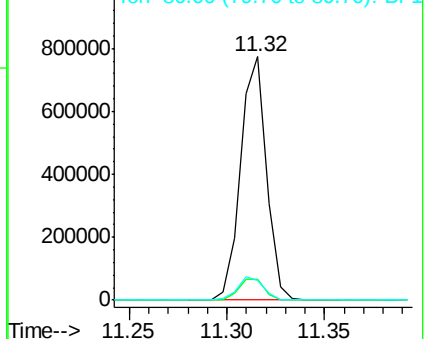
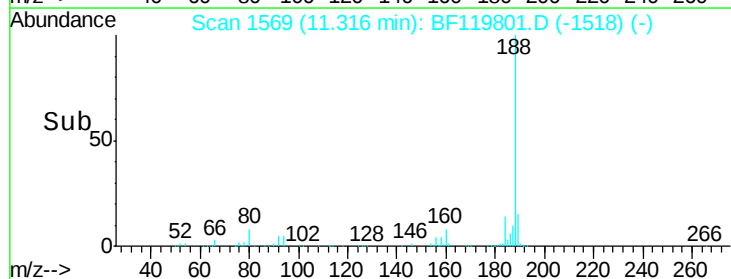
80 8.3 9.0 13.4#



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

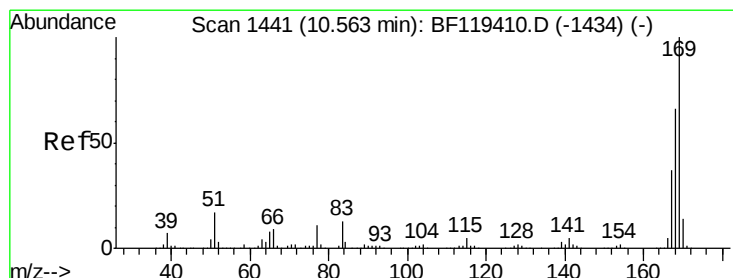
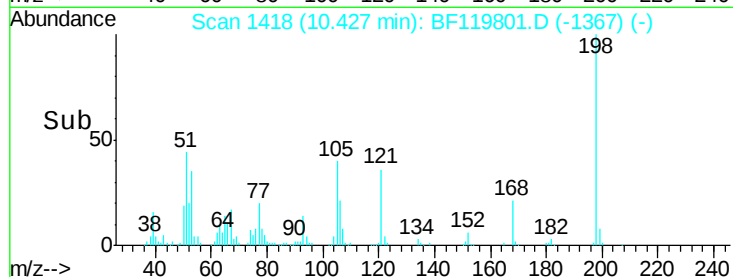
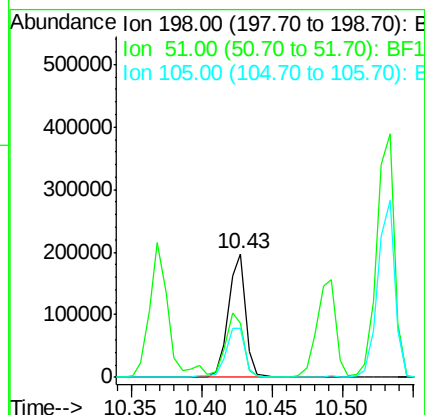
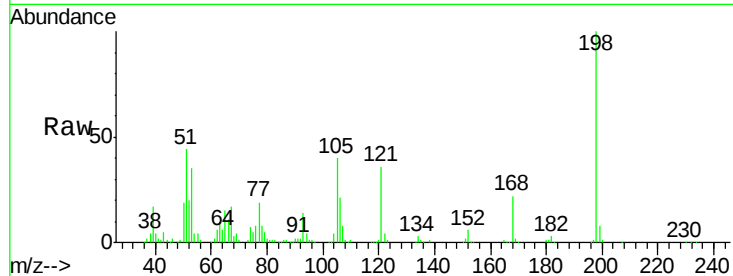




#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.44 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

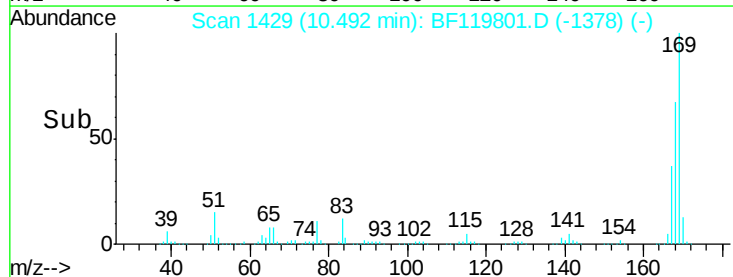
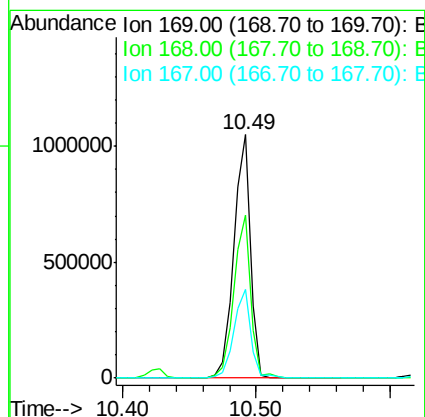
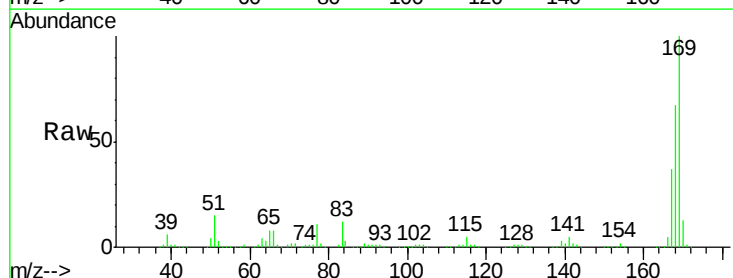
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

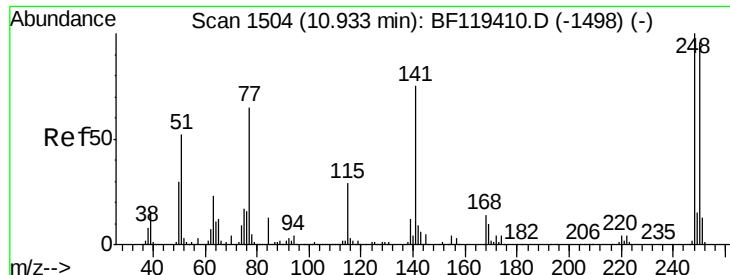
Tgt Ion:198 Resp: 167623
 Ion Ratio Lower Upper
 198 100
 51 43.8 29.0 69.0
 105 40.1 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 39.73 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion:169 Resp: 923764
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 36.6 29.1 43.7

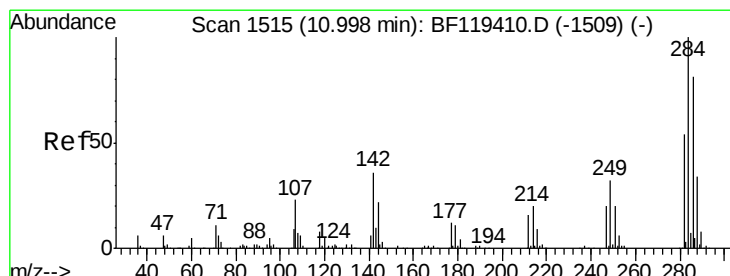
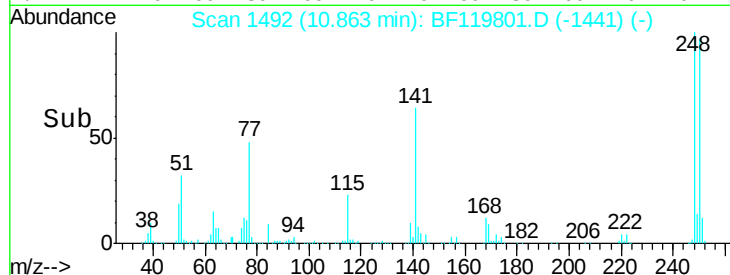
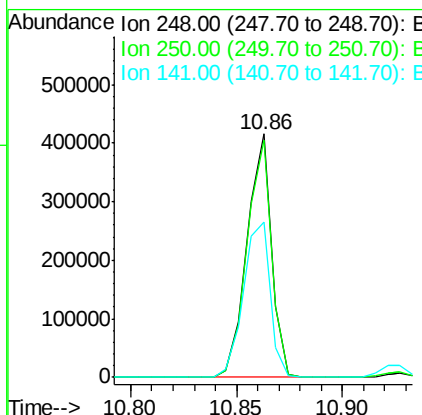
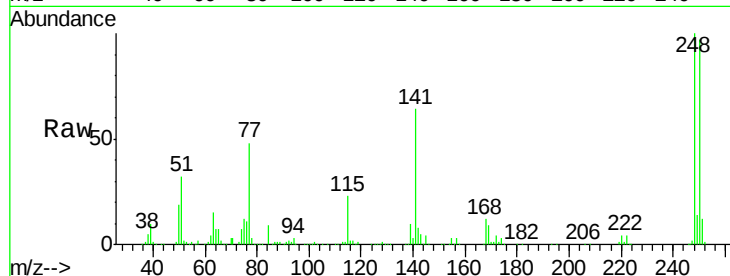




#67
 4-Bromophenyl-phenylether
 Concen: 41.70 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

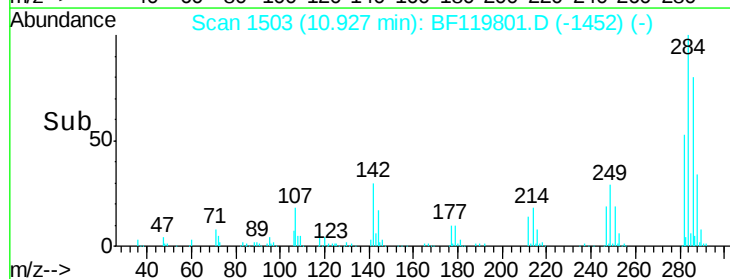
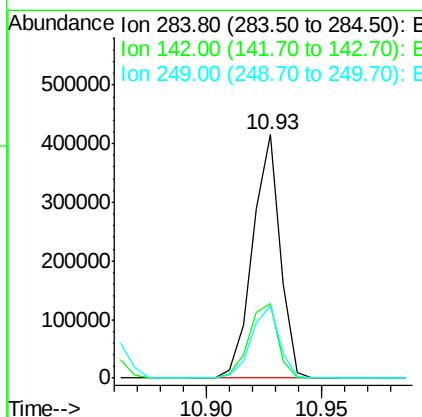
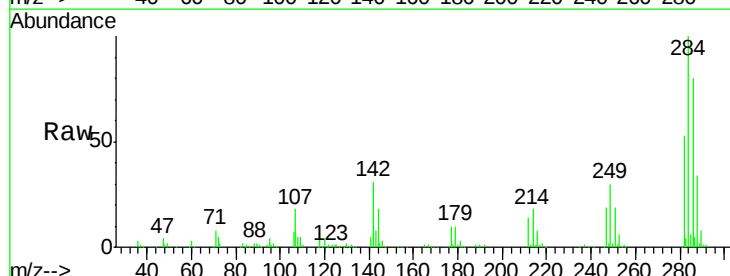
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

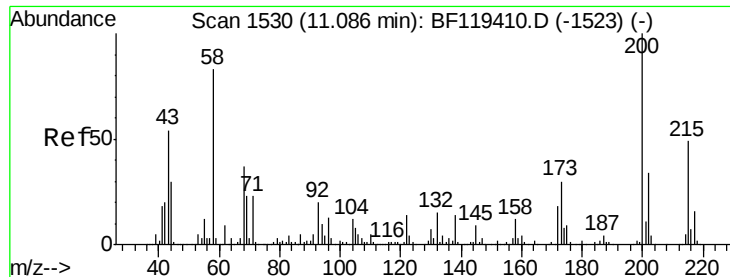
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.3	115.9
141	63.5	58.6	87.8



#68
 Hexachlorobenzene
 Concen: 41.87 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	29.2	43.8
249	29.6	25.1	37.7





#69

Atrazine

Concen: 40.01 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

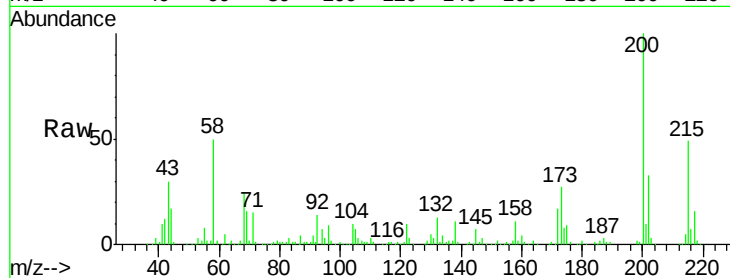
Tgt Ion:200 Resp: 255053

Ion Ratio Lower Upper

200 100

173 26.6 9.3 49.3

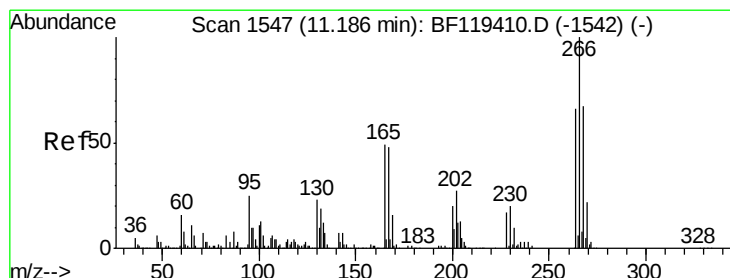
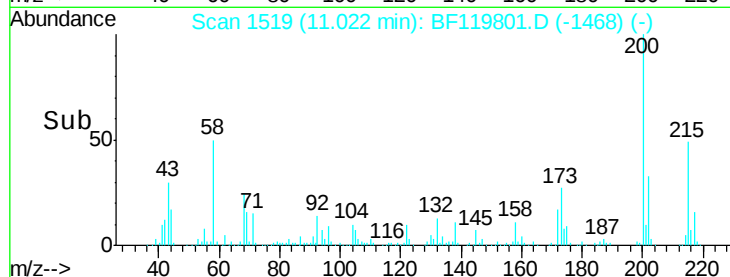
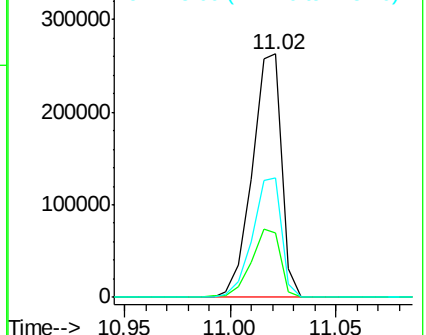
215 49.3 29.5 69.5



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: 42.41 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

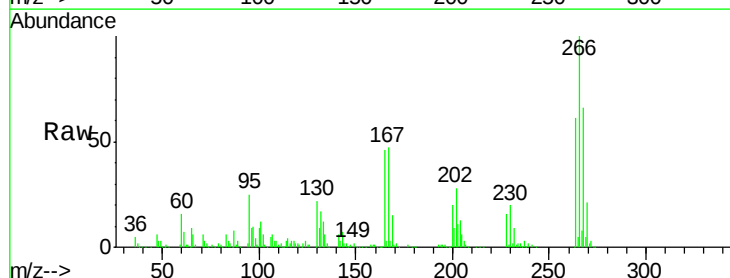
Tgt Ion:266 Resp: 205323

Ion Ratio Lower Upper

266 100

268 65.7 53.3 79.9

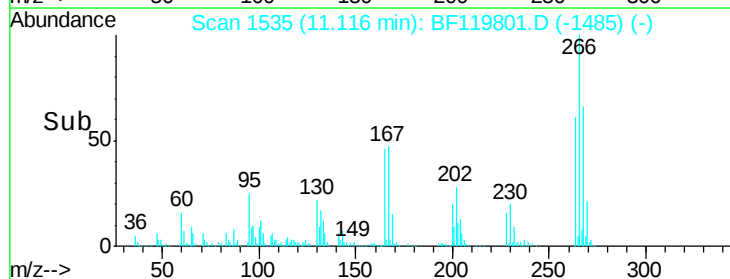
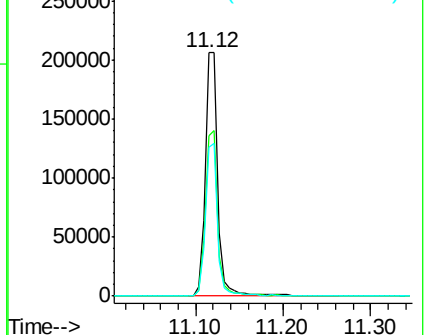
264 61.2 49.0 73.4

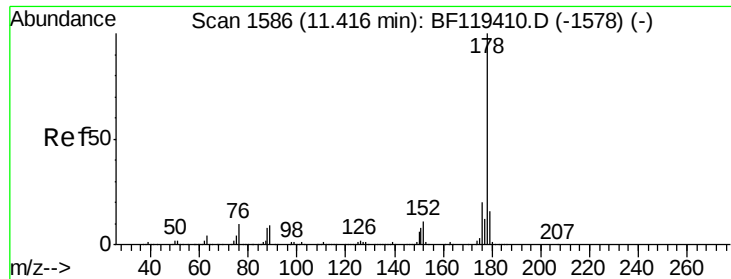


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.36 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

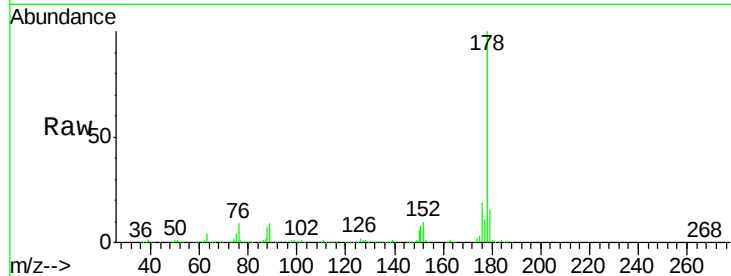
Tgt Ion:178 Resp: 1482206

Ion Ratio Lower Upper

178 100

176 19.5 16.2 24.4

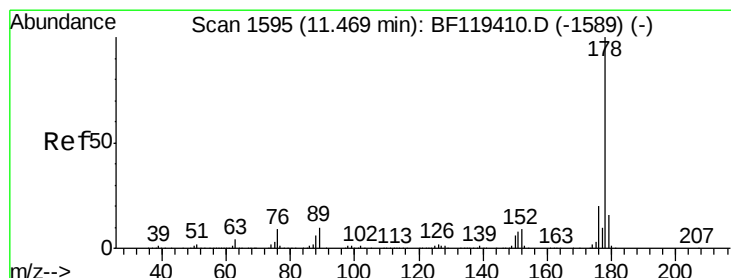
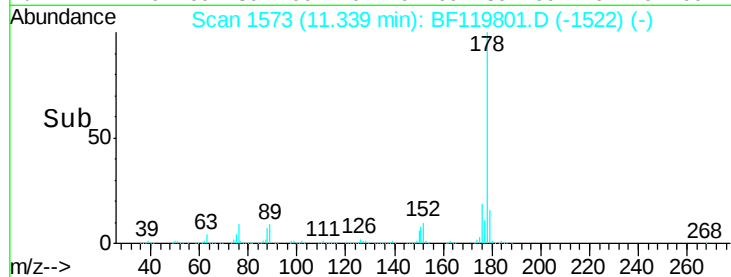
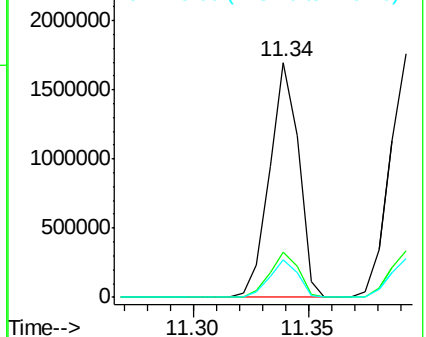
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.02 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

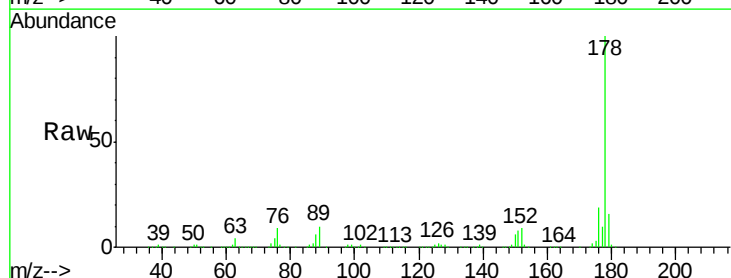
Tgt Ion:178 Resp: 1493872

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

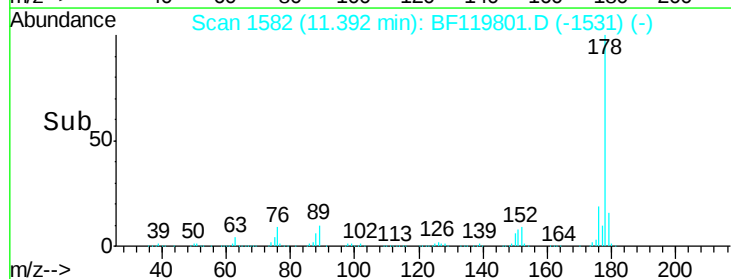
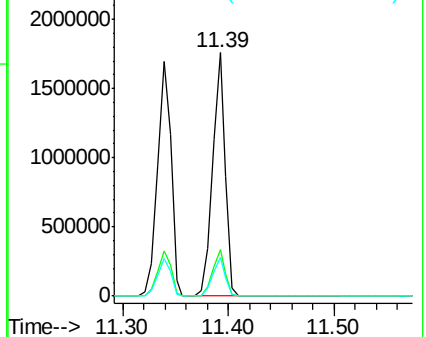
179 15.9 13.0 19.4

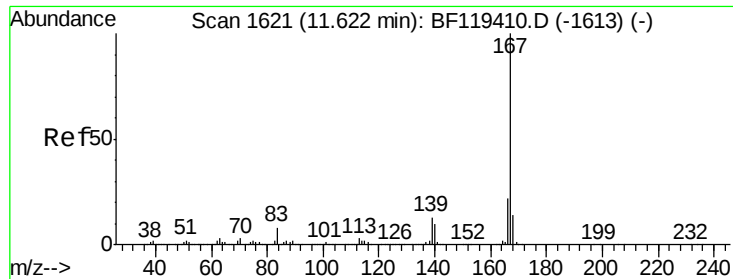


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

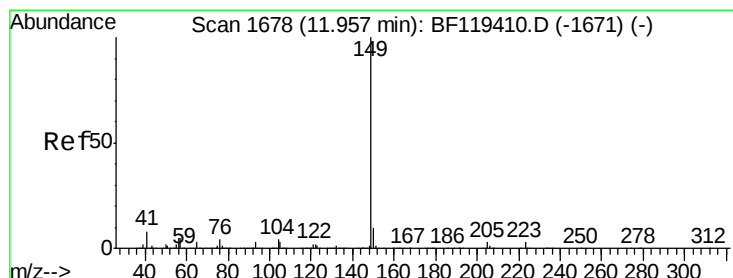
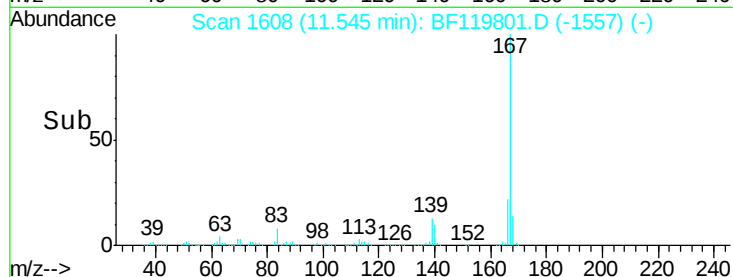
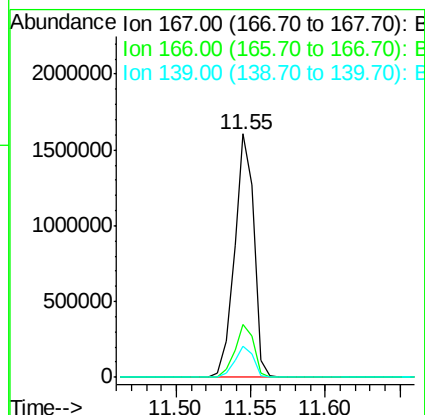
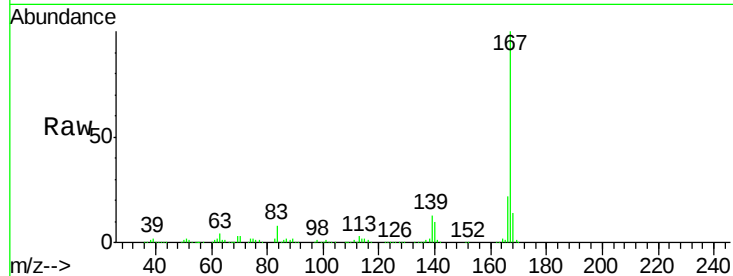




#73
 Carbazole
 Concen: 39.67 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

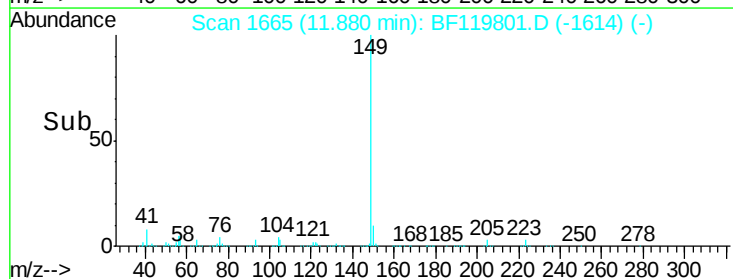
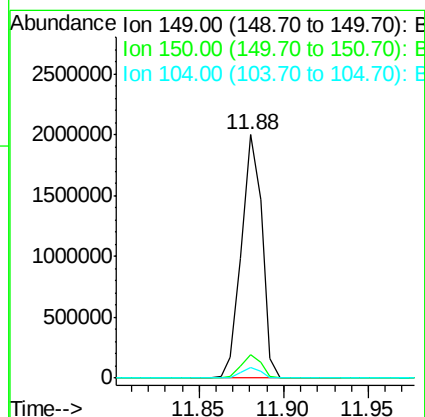
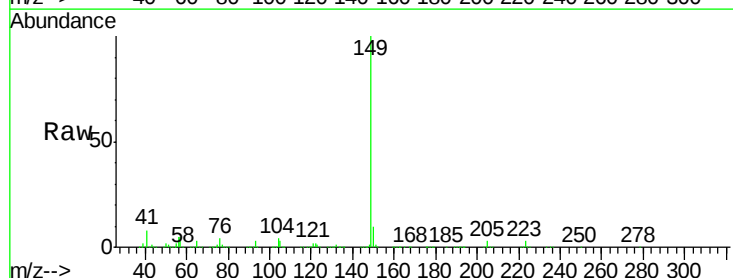
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

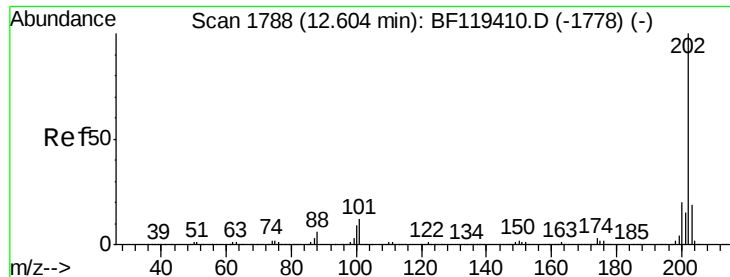
Tgt Ion:167 Resp: 1465852
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 12.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 42.92 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion:149 Resp: 1696334
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.5 3.6 5.4

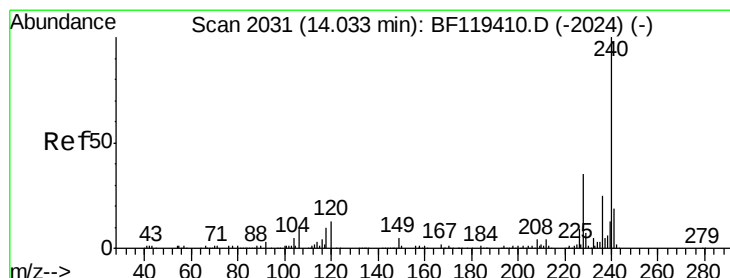
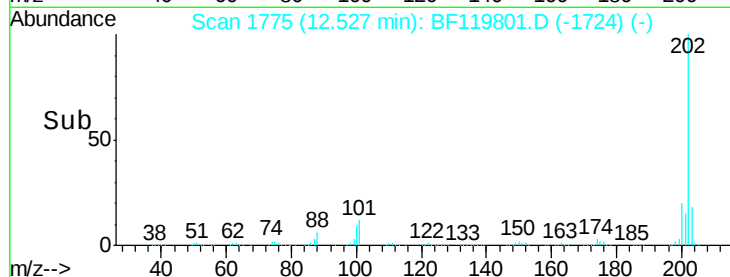
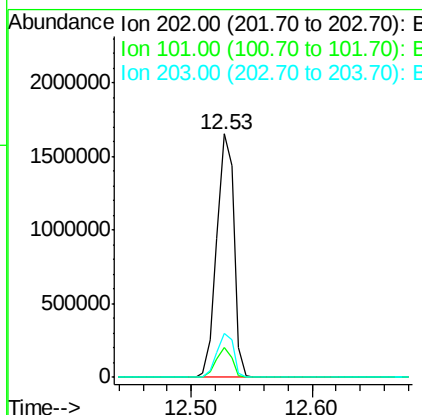
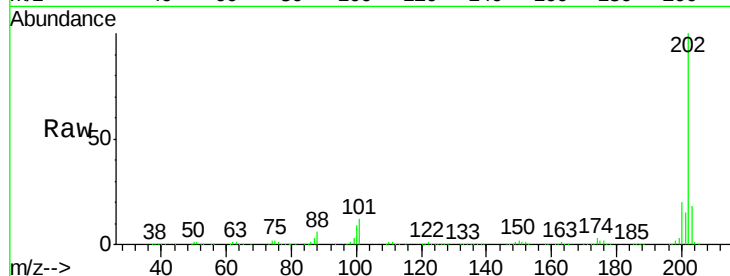




#75
 Fluoranthene
 Concen: 40.34 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

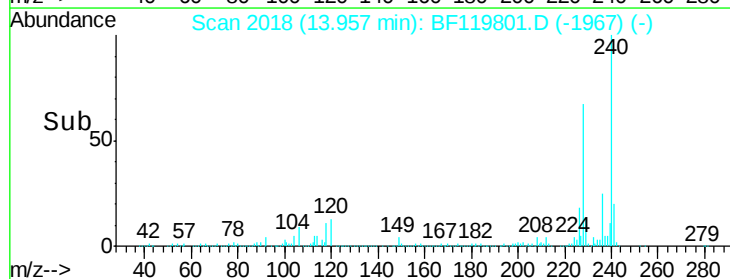
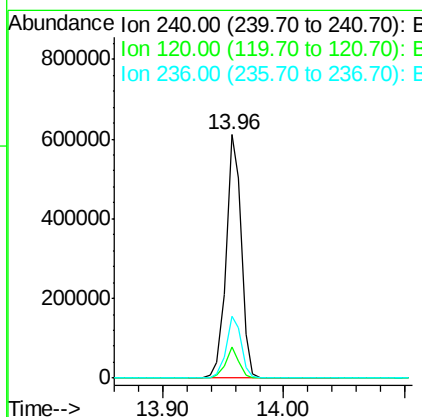
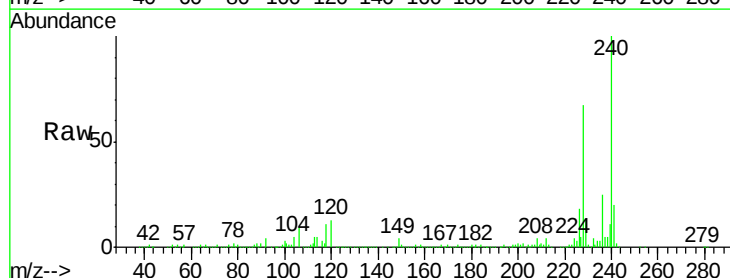
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

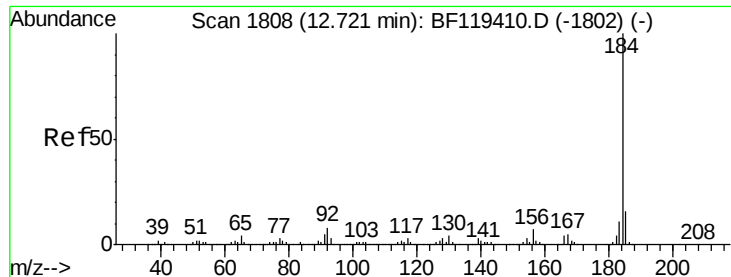
Tgt Ion:202 Resp: 1603546
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 32.2
 203 17.9 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF119801.D
 Acq: 7 Apr 2020 5:21

Tgt Ion:240 Resp: 528428
 Ion Ratio Lower Upper
 240 100
 120 12.6 10.6 15.8
 236 25.5 20.2 30.2





#77

Benzidine

Concen: 12.61 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

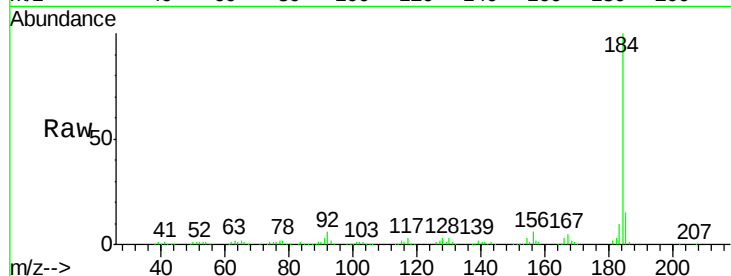
Tgt Ion:184 Resp: 281951

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

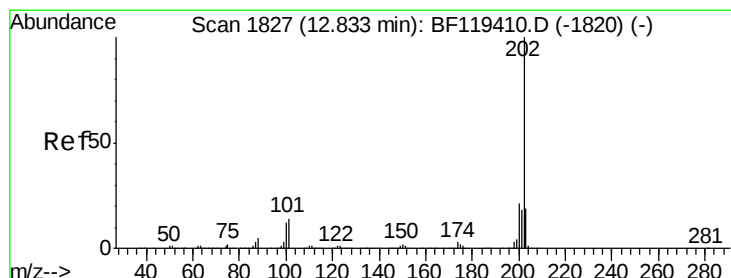
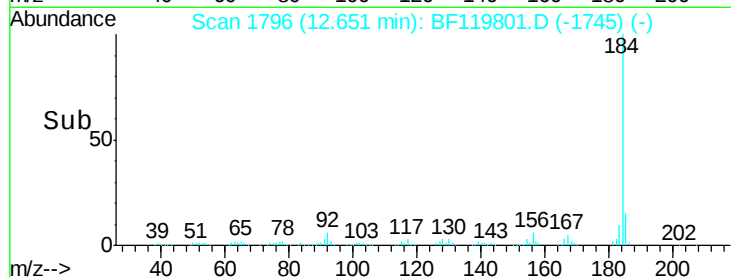
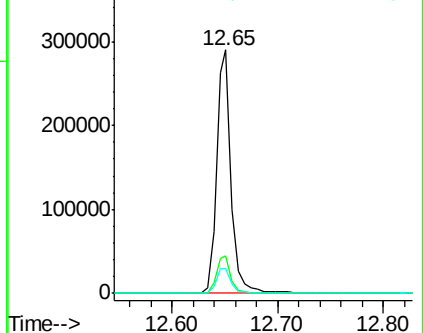
183 10.1 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.70 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

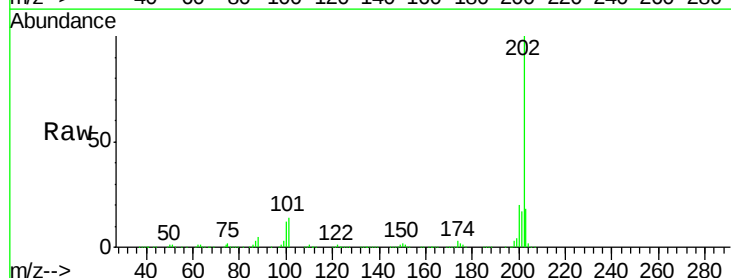
Tgt Ion:202 Resp: 1634986

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

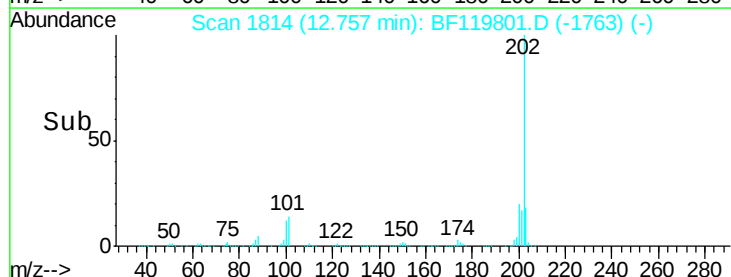
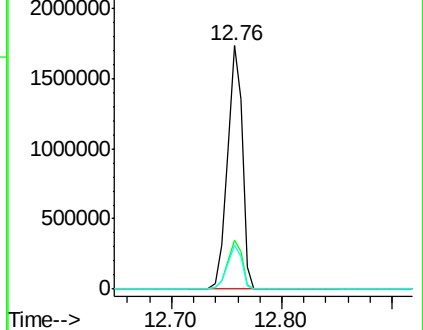
203 17.9 15.1 22.7

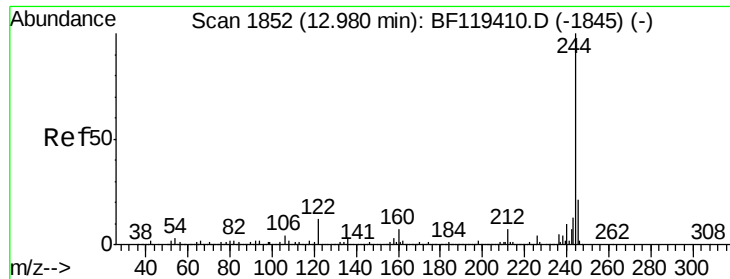


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.93 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

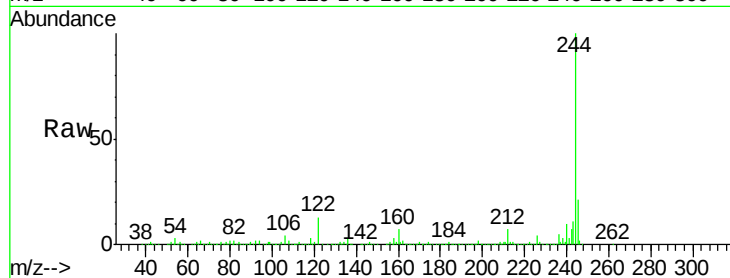
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 2155780

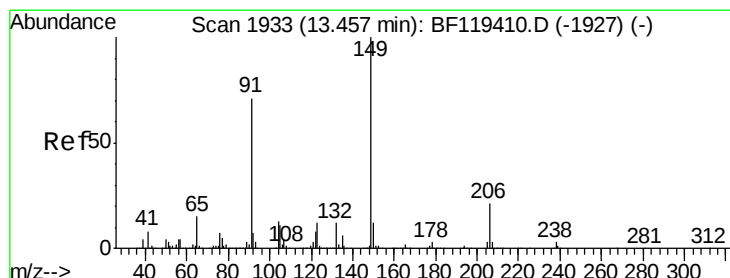
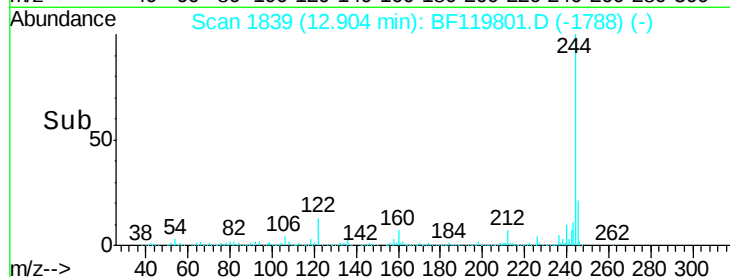
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.6	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.17 ng

RT: 13.38 min Scan# 1920

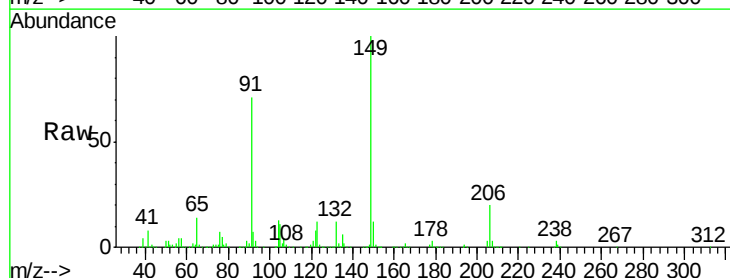
Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Tgt Ion:149 Resp: 722081

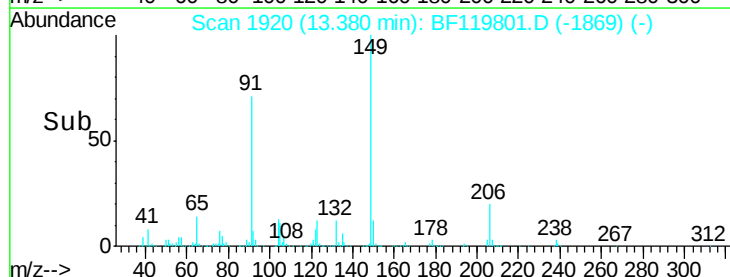
Ion	Ratio	Lower	Upper
149	100		
91	70.7	54.7	82.1
206	20.0	16.2	24.2

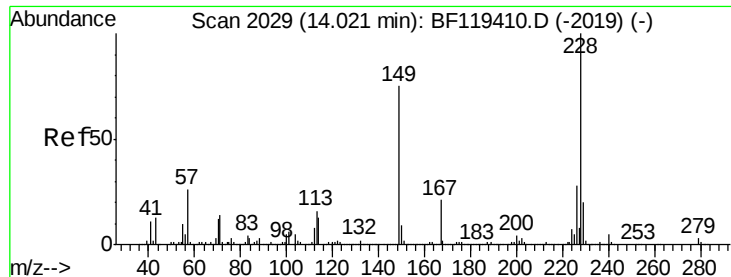


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.12 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

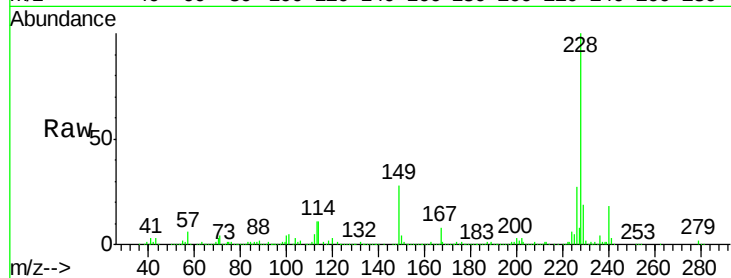
Tgt Ion:228 Resp: 1344293

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

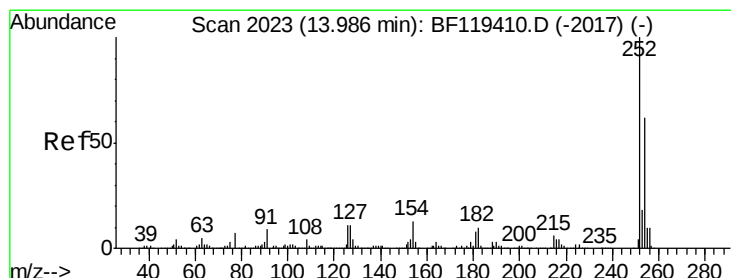
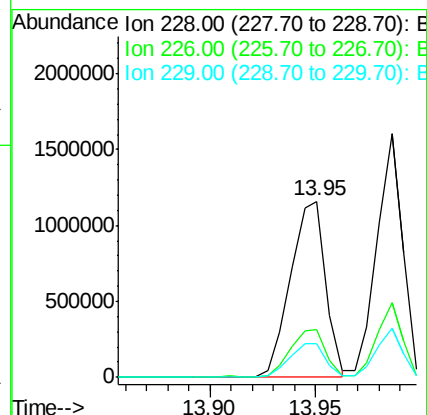
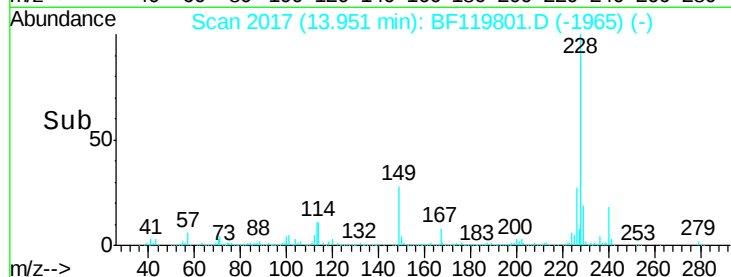
229 19.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.65 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

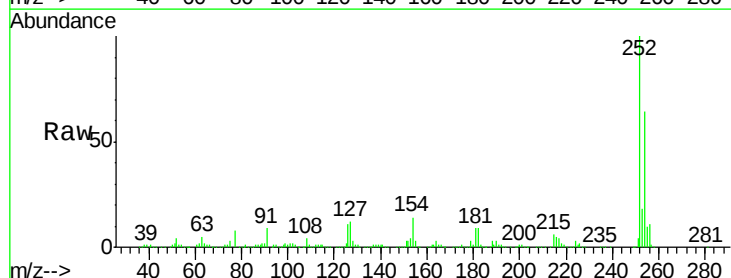
Tgt Ion:252 Resp: 496547

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

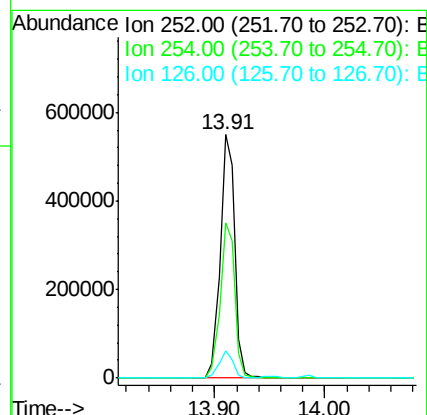
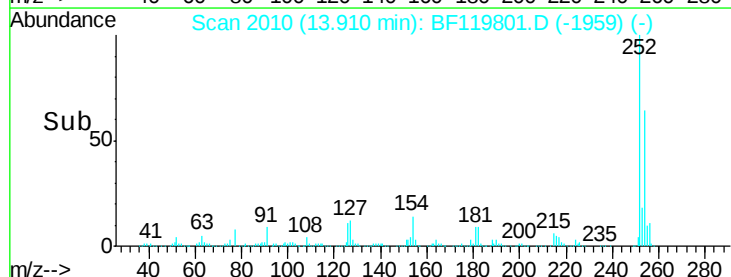
126 11.3 9.6 14.4

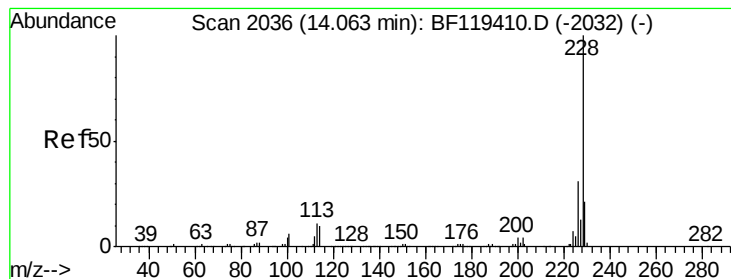


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.62 ng

RT: 13.99 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

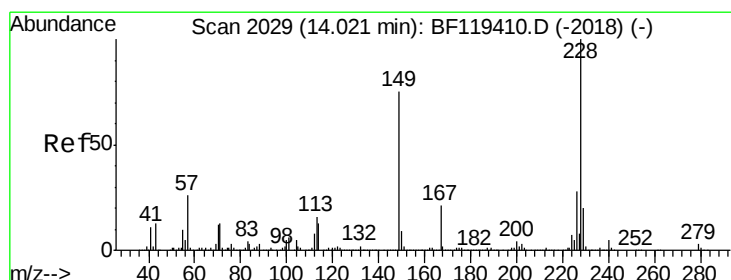
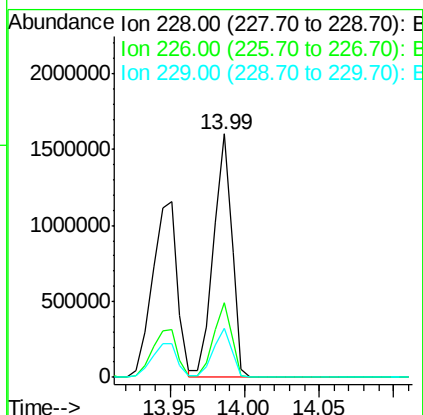
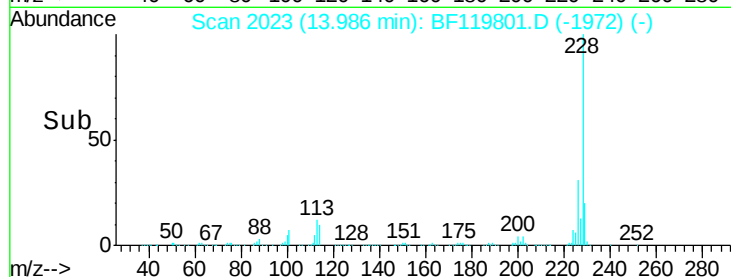
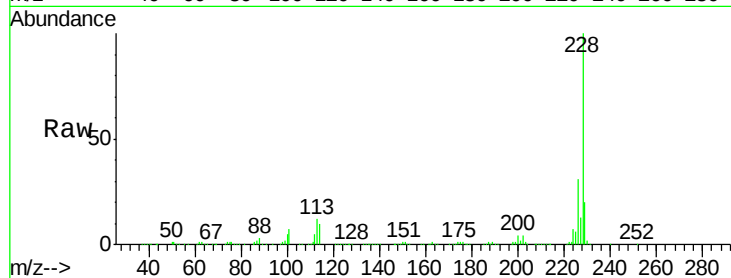
Tgt Ion:228 Resp: 1369474

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

229 20.1 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.79 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

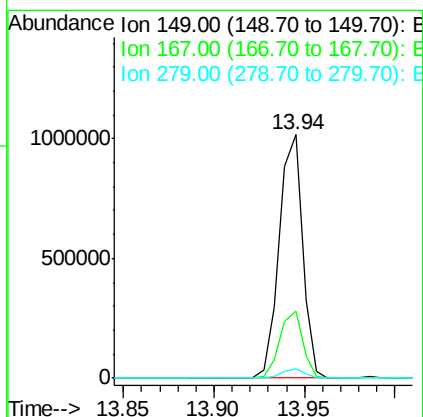
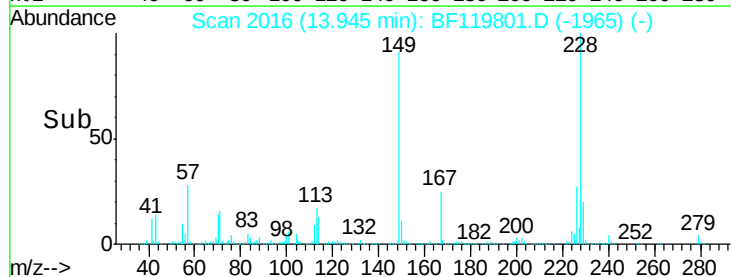
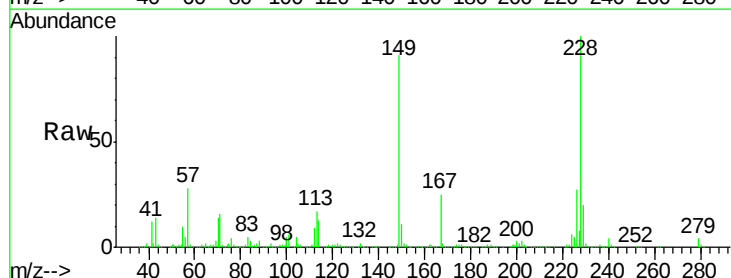
Tgt Ion:149 Resp: 915633

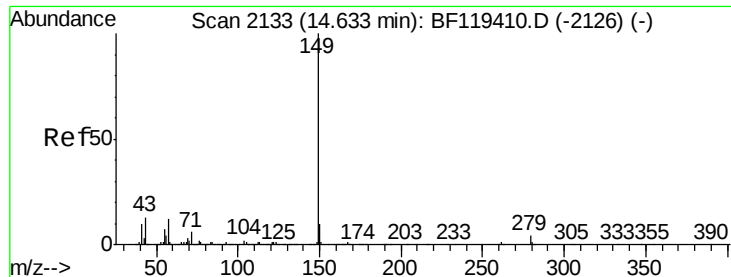
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 4.1 2.7 4.1#

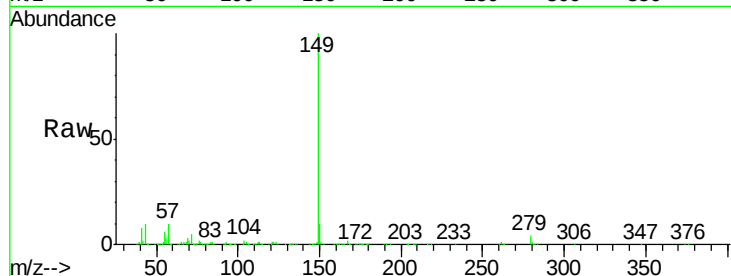




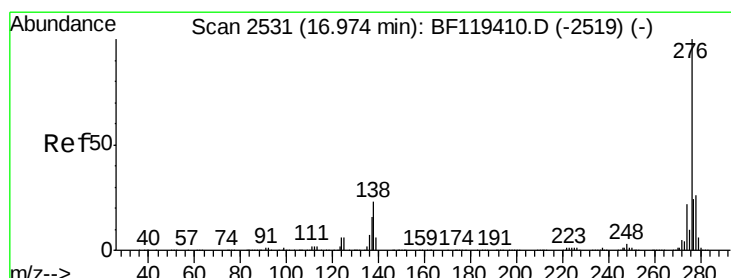
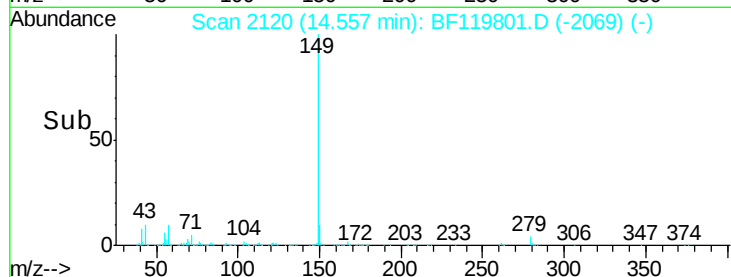
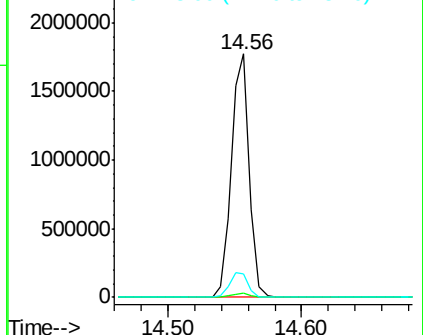
#85
Di-n-octyl phthalate
Concen: 45.09 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1658186
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 9.3 13.9

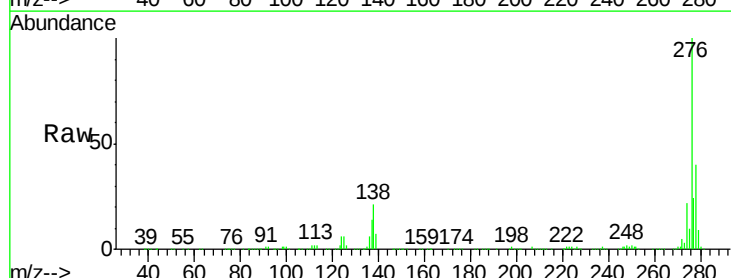


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

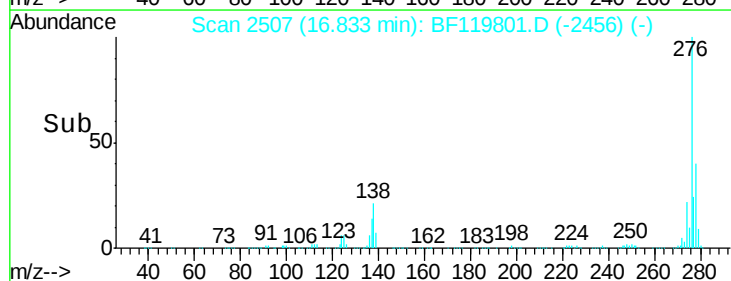
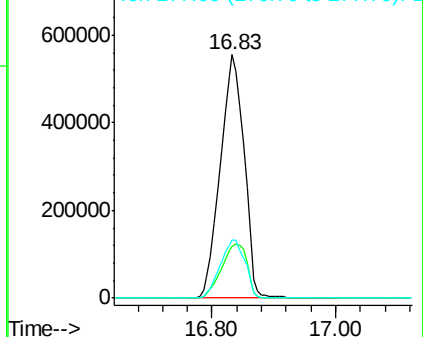


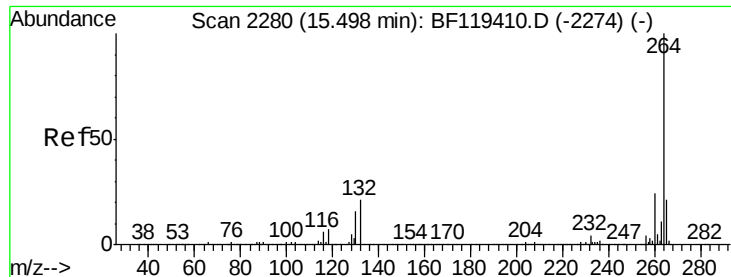
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.43 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion:276 Resp: 1483885
Ion Ratio Lower Upper
276 100
138 23.9 19.6 29.4
277 25.1 20.0 30.0



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

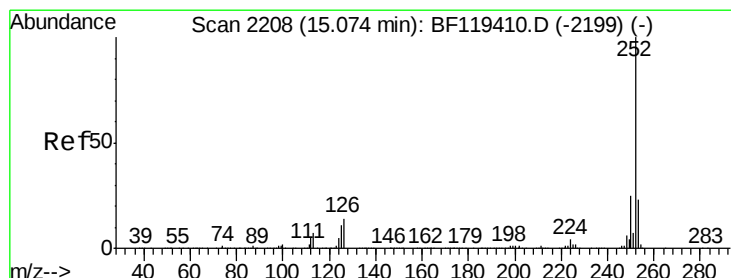
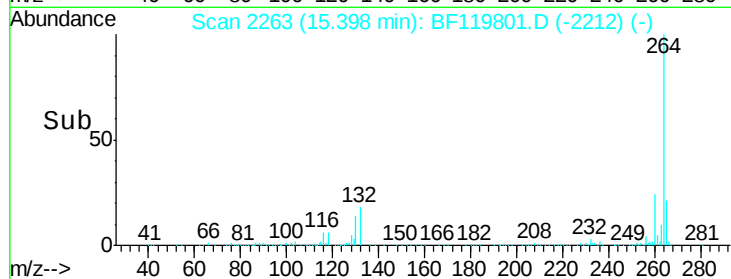
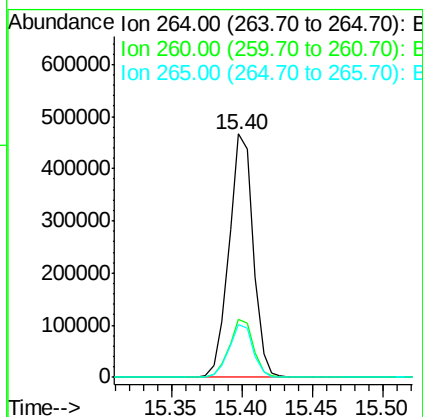
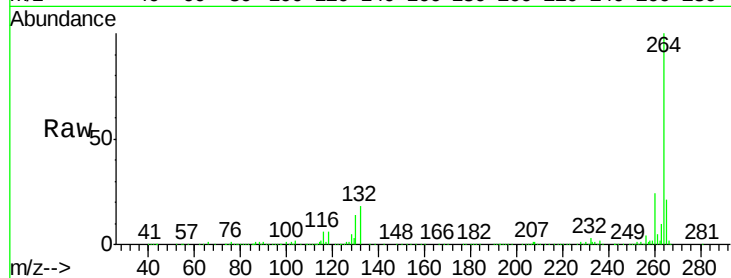




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

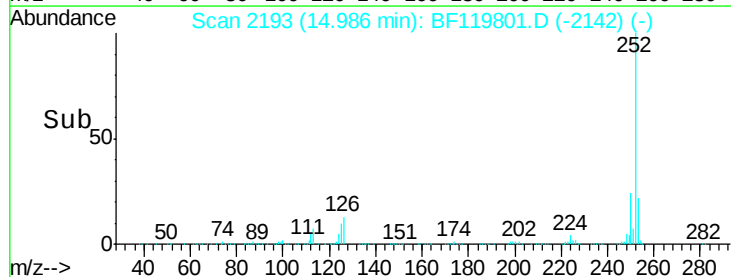
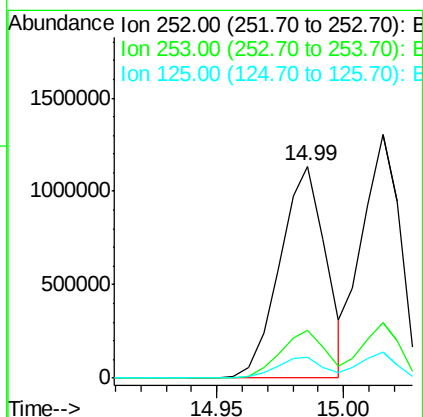
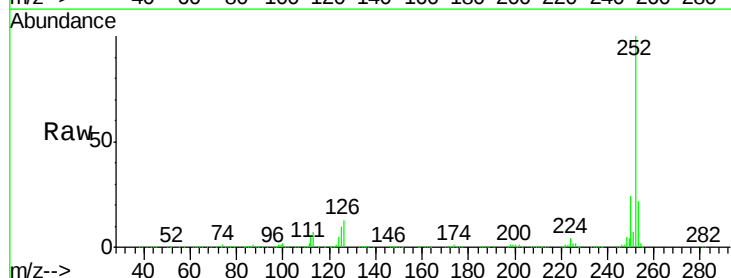
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

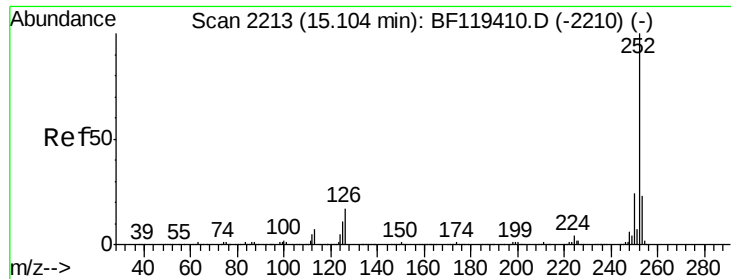
Tgt Ion: 264 Resp: 556222
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.5 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 38.45 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion: 252 Resp: 1428700
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 38.66 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

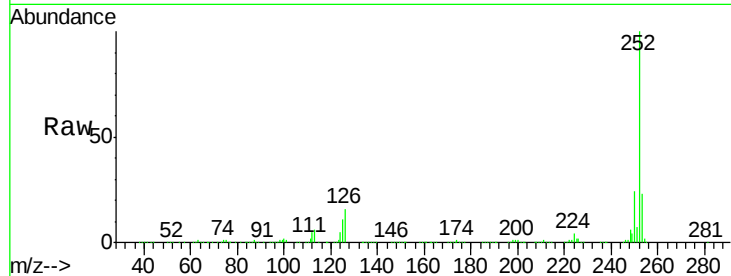
Tgt Ion:252 Resp: 1367794

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

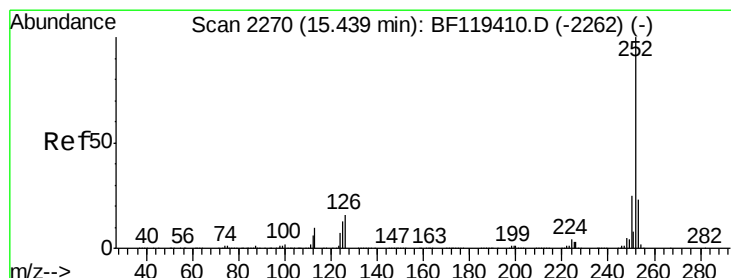
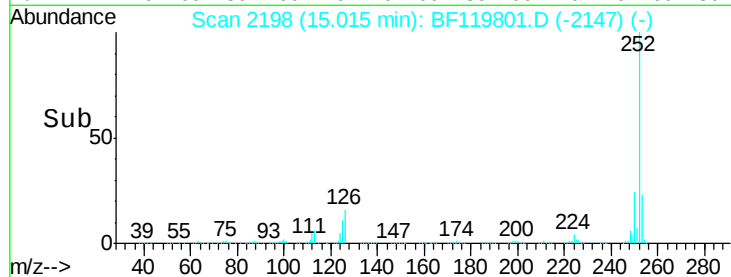
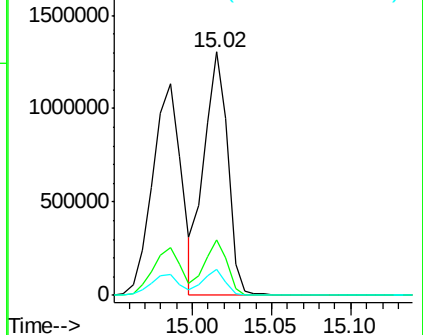
125 10.7 8.4 12.6



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



#90

Benzo(a)pyrene

Concen: 39.04 ng

RT: 15.34 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BF119801.D

Acq: 7 Apr 2020 5:21

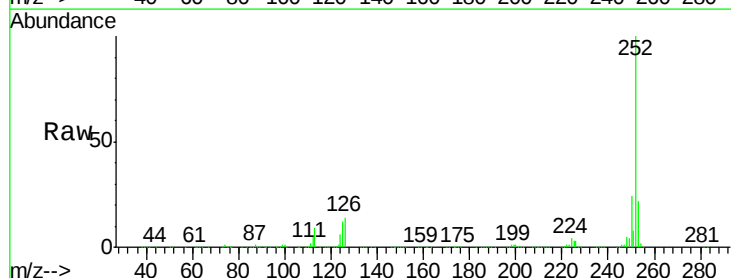
Tgt Ion:252 Resp: 1318126

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

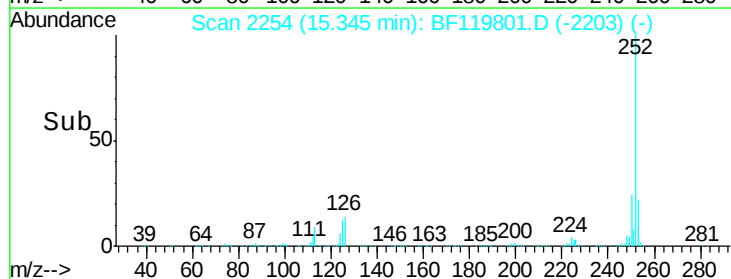
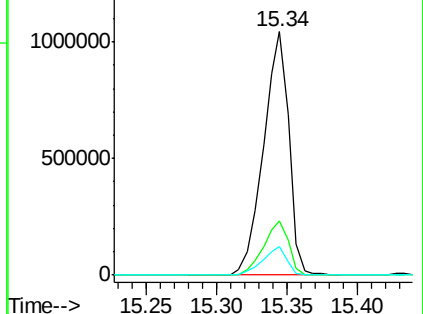
125 11.6 9.4 14.2

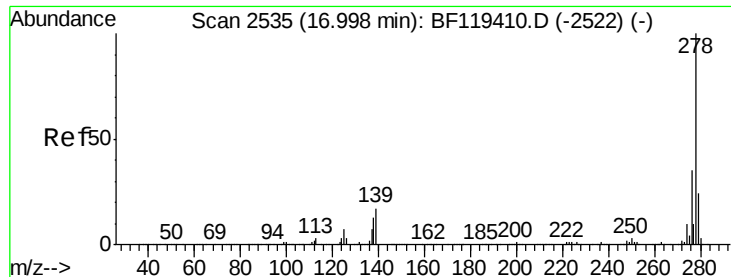


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



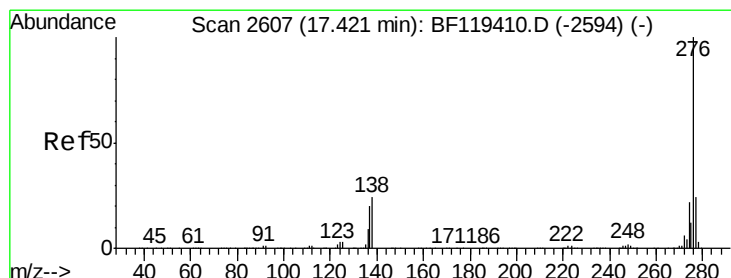
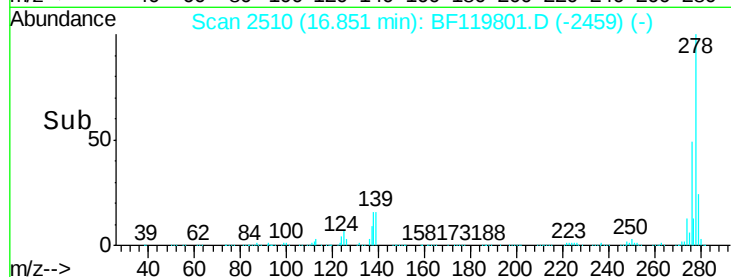
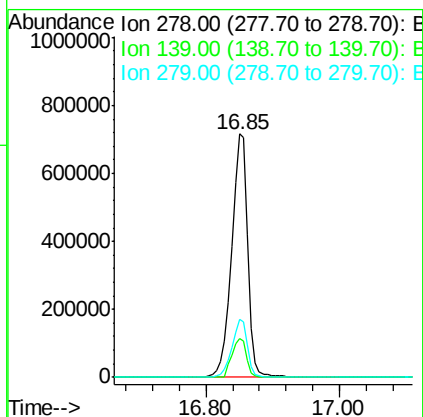
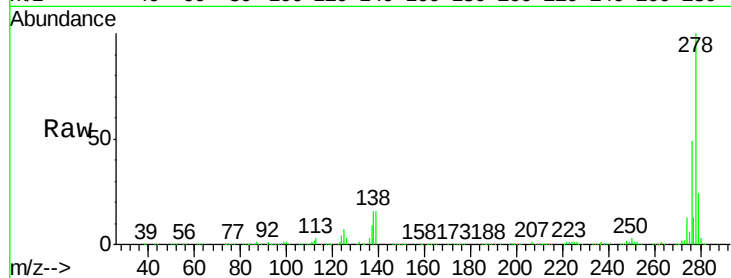


#91
Dibenzo(a,h)anthracene
Concen: 41.48 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 278 Resp: 1225013

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	19.0
279	23.6	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 40.14 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BF119801.D
Acq: 7 Apr 2020 5:21

Tgt Ion: 276 Resp: 1191145

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	20.2	15.4	23.0

