

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119591.D
 Acq On : 28 Mar 2020 2:26
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 28 03:33:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	360773	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1352926	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	686720	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1332191	20.00	ng	0.00
76) Chrysene-d12	14.01	240	866056	20.00	ng	0.00
87) Perylene-d12	15.47	264	722812	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1710419	75.47	ng	0.00
7) Phenol-d6	6.46	99	2211987	76.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	2039779	81.94	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	656849	92.71	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3517859	75.89	ng	0.00
79) Terphenyl-d14	12.96	244	3908082	88.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	406574	36.32	ng	100
3) Pyridine	3.30	79	1104518	35.82	ng	95
4) n-Nitrosodimethylamine	3.25	42	522556	34.75	ng	94
6) Aniline	6.50	93	1517328	37.98	ng	98
8) 2-Chlorophenol	6.62	128	948293	39.84	ng	98
9) Benzaldehyde	6.38	77	670149	36.49	ng	96
10) Phenol	6.47	94	1269357	41.09	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	1023216	41.42	ng	99
12) 1,3-Dichlorobenzene	6.77	146	1022262	39.68	ng	96
13) 1,4-Dichlorobenzene	6.85	146	1061467	41.19	ng	98
14) 1,2-Dichlorobenzene	7.01	146	998162	41.44	ng	98
15) Benzyl Alcohol	6.97	79	871848	40.04	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1969121	39.51	ng	98
17) 2-Methylphenol	7.09	107	928152	42.56	ng	99
18) Hexachloroethane	7.35	117	389924	41.29	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	717318	41.11	ng	100
20) 3+4-Methylphenols	7.25	107	1064647	39.83	ng	# 79
22) Acetophenone	7.25	105	1256577	38.87	ng	99
24) Nitrobenzene	7.42	77	1044107	39.25	ng	98
25) Isophorone	7.66	82	2006757	39.74	ng	99
26) 2-Nitrophenol	7.73	139	524859	50.11	ng	96
27) 2,4-Dimethylphenol	7.77	122	749680	34.61	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	1185603	39.70	ng	99
29) 2,4-Dichlorophenol	7.97	162	822906	41.35	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	887131	40.31	ng	99
31) Naphthalene	8.15	128	2813223	40.41	ng	99
32) Benzoic acid	7.90	122	689992	49.52	ng	96
33) 4-Chloroaniline	8.19	127	1237103	38.78	ng	98
34) Hexachlorobutadiene	8.26	225	527827	42.86	ng	99
35) Caprolactam	8.57	113	257455	39.53	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	880460	40.48	ng	96
37) 2-Methylnaphthalene	8.83	142	1855310	40.60	ng	99
38) 1-Methylnaphthalene	8.93	142	1731550	40.04	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	846572	42.06	ng	99

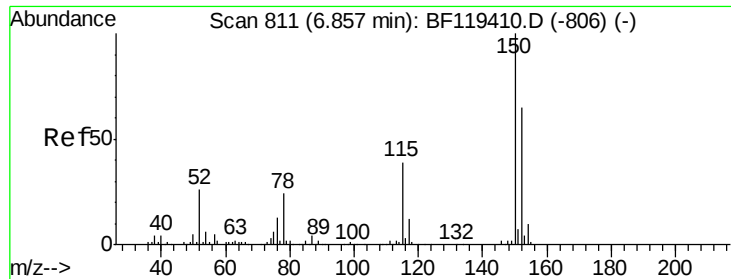
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	448872	39.23	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	614619	42.67	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	686430	42.54	ng	96
46) 1,1'-Biphenyl	9.30	154	2258505	40.38	ng	98
47) 2-Chloronaphthalene	9.33	162	1766242	40.32	ng	99
48) 2-Nitroaniline	9.42	65	662594	43.82	ng	95
49) Acenaphthylene	9.75	152	2710690	39.40	ng	100
50) Dimethylphthalate	9.61	163	2025622	41.53	ng	100
51) 2,6-Dinitrotoluene	9.66	165	478694	45.78	ng	# 87
52) Acenaphthene	9.92	154	1757163	40.97	ng	99
53) 3-Nitroaniline	9.83	138	549796	41.65	ng	97
54) 2,4-Dinitrophenol	9.93	184	219844	51.45	ng	93
55) Dibenzofuran	10.09	168	2510965	40.83	ng	97
56) 4-Nitrophenol	9.99	139	422209	40.55	ng	95
57) 2,4-Dinitrotoluene	10.07	165	636535	48.33	ng	92
58) Fluorene	10.43	166	1860842	40.92	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	527325	43.72	ng	98
60) Diethylphthalate	10.30	149	2130832	43.04	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	942286	42.37	ng	97
62) 4-Nitroaniline	10.45	138	547141	43.23	ng	100
63) Azobenzene	10.58	77	2080098	41.72	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	315450	56.47	ng	85
66) n-Nitrosodiphenylamine	10.55	169	1763938	40.33	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	649826	42.83	ng	93
68) Hexachlorobenzene	10.98	284	680004	43.79	ng	# 91
69) Atrazine	11.07	200	532113	44.38	ng	99
70) Pentachlorophenol	11.17	266	405454	44.53	ng	95
71) Phenanthrene	11.39	178	2758846	39.94	ng	99
72) Anthracene	11.45	178	2792165	39.77	ng	99
73) Carbazole	11.60	167	2707859	38.97	ng	100
74) Di-n-butylphthalate	11.93	149	3255692	43.80	ng	99
75) Fluoranthene	12.58	202	2895767	38.74	ng	99
77) Benzidine	12.70	184	1312342	35.81	ng	99
78) Pyrene	12.81	202	2971055	41.80	ng	99
80) Butylbenzylphthalate	13.43	149	1416751	49.28	ng	98
81) Benzo(a)anthracene	14.00	228	2198440	39.04	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	867707	39.08	ng	99
83) Chrysene	14.04	228	2309822	39.74	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1755525	51.23	ng	99
85) Di-n-octyl phthalate	14.60	149	2896688	48.06	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2031402	37.11	ng	99
88) Benzo(b)fluoranthene	15.04	252	1999615	41.41	ng	97
89) Benzo(k)fluoranthene	15.07	252	2009100	43.70	ng	99
90) Benzo(a)pyrene	15.41	252	1829559	41.70	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1685612	43.92	ng	98
92) Benzo(g,h,i)perylene	17.38	276	1721376	44.64	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

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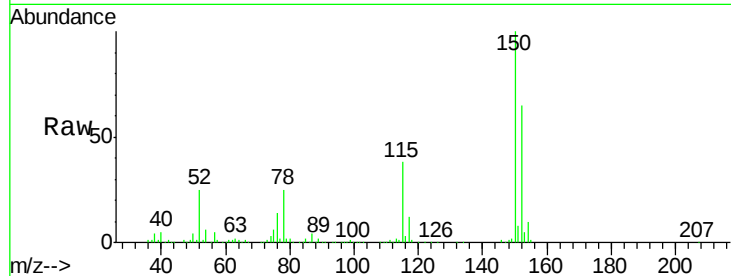
Tgt Ion:152 Resp: 360773

Ion Ratio Lower Upper

152 100

150 155.0 124.5 186.7

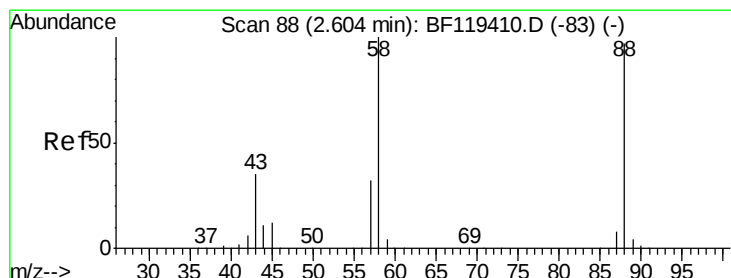
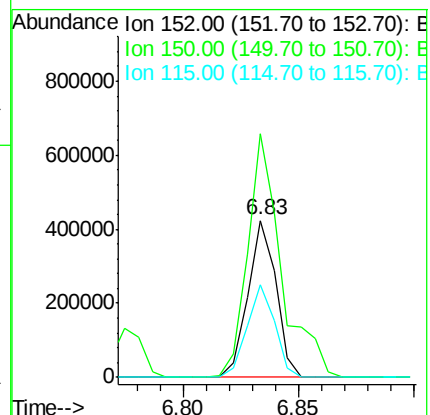
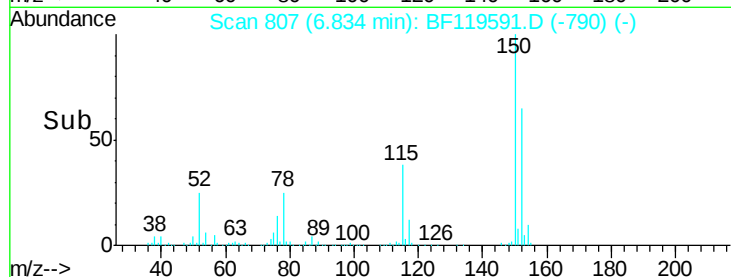
115 58.6 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.32 ng

RT: 2.56 min Scan# 80

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

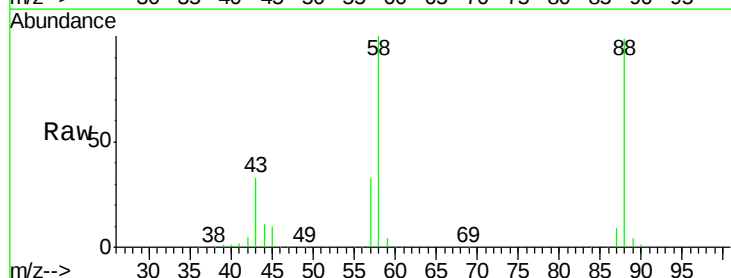
Tgt Ion: 88 Resp: 406574

Ion Ratio Lower Upper

88 100

58 100.8 80.6 121.0

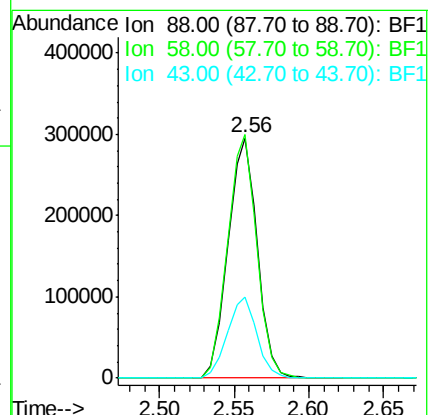
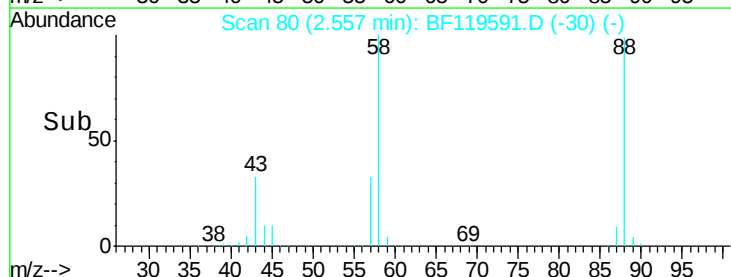
43 34.2 27.5 41.3

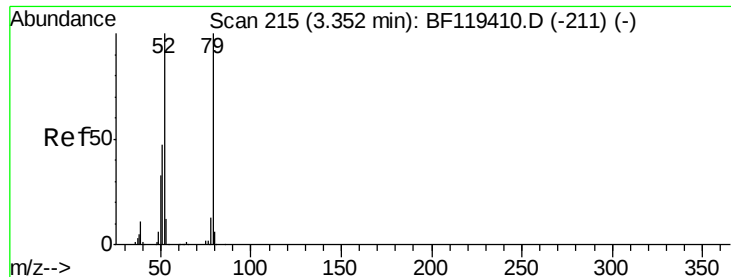


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 35.82 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

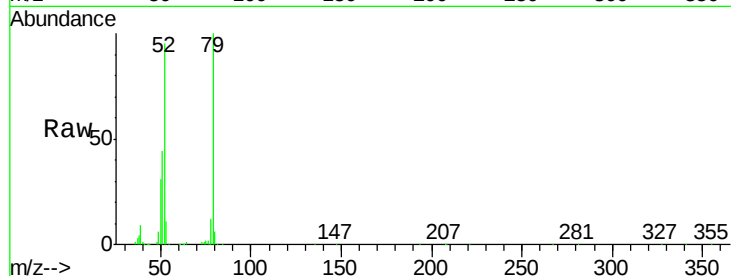
Tgt Ion: 79 Resp: 1104518

Ion Ratio Lower Upper

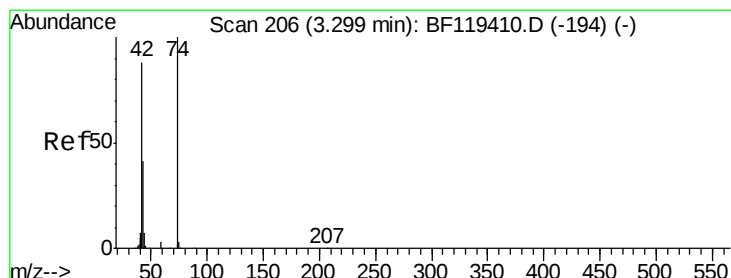
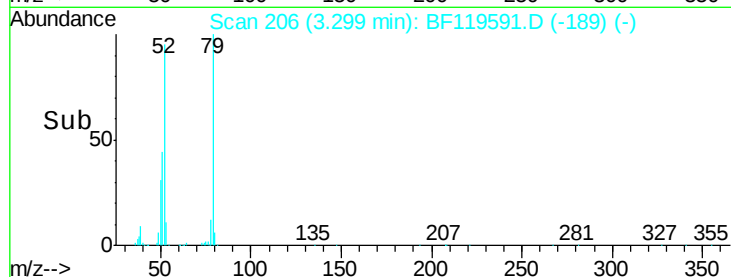
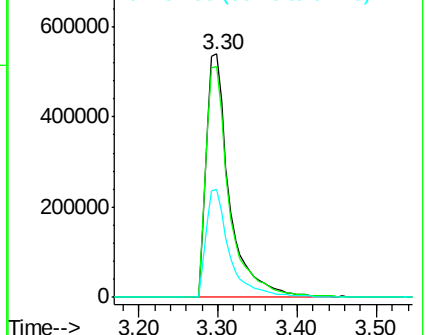
79 100

52 94.9 80.2 120.2

51 44.2 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.75 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

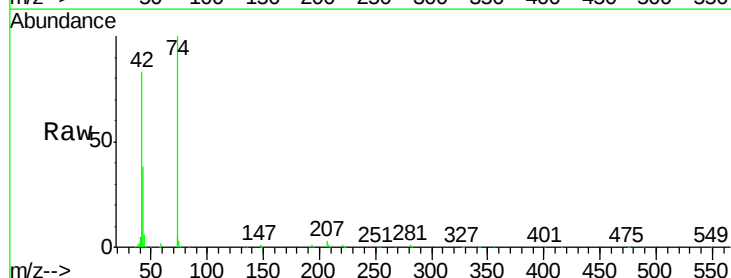
Tgt Ion: 42 Resp: 522556

Ion Ratio Lower Upper

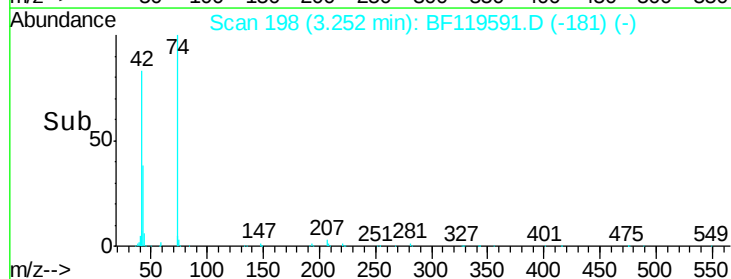
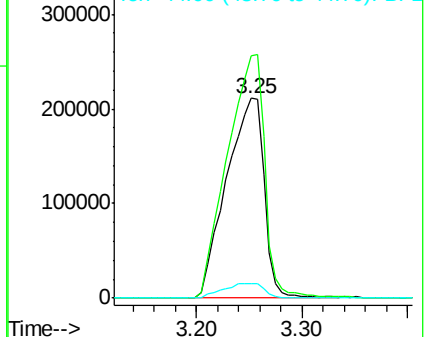
42 100

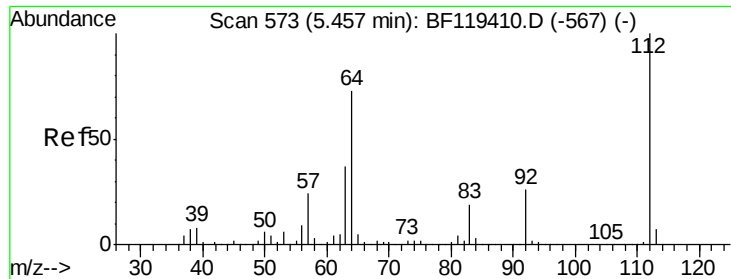
74 121.1 91.5 137.3

44 7.5 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.47 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

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SSTDCCC040

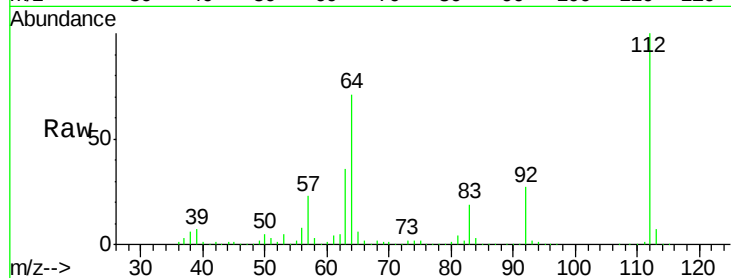
Tgt Ion: 112 Resp: 1710419

Ion Ratio Lower Upper

112 100

64 71.2 56.7 85.1

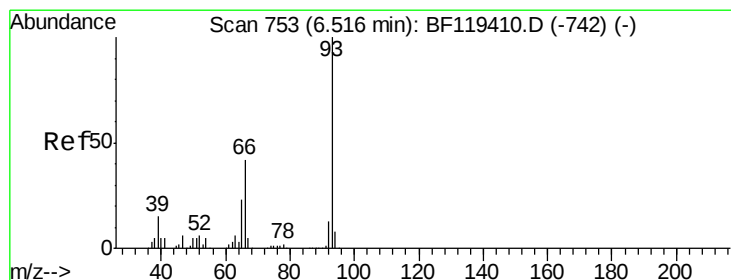
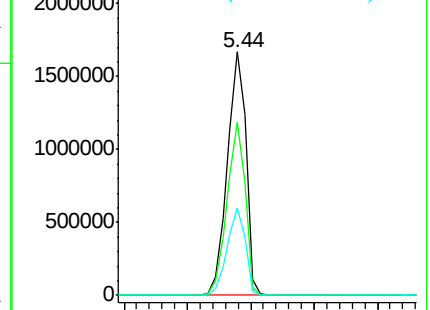
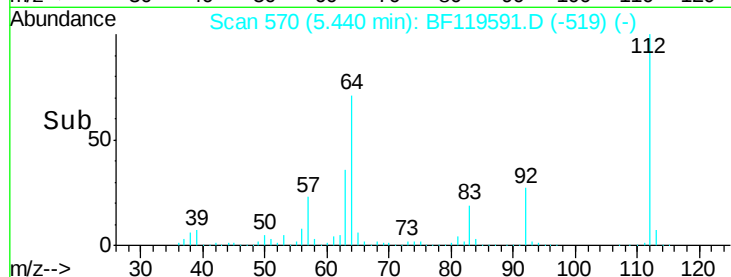
63 36.2 29.5 44.3



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: 37.98 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

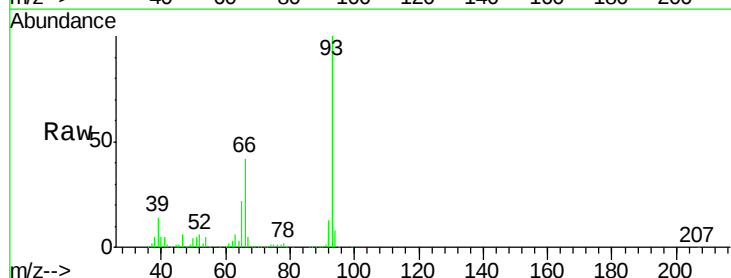
Tgt Ion: 93 Resp: 1517328

Ion Ratio Lower Upper

93 100

66 42.2 34.9 52.3

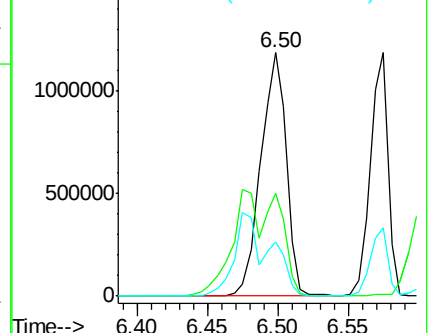
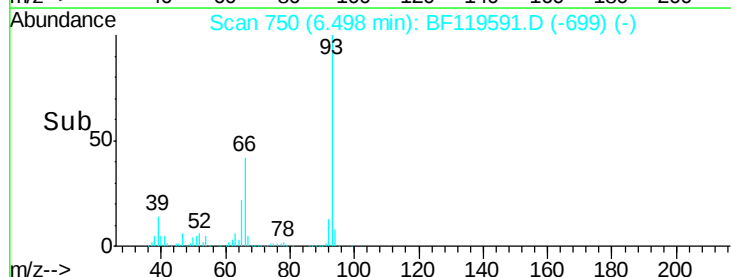
65 22.3 18.6 27.8

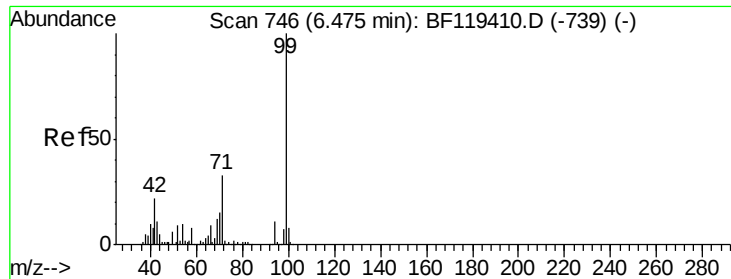


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.41 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

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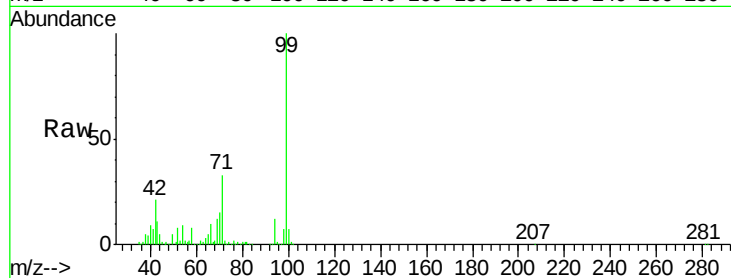
Tgt Ion: 99 Resp: 2211987

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	33.0	26.4	39.6

99 100

42 20.7 16.6 24.8

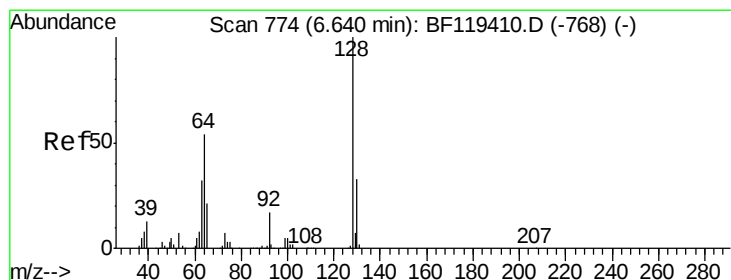
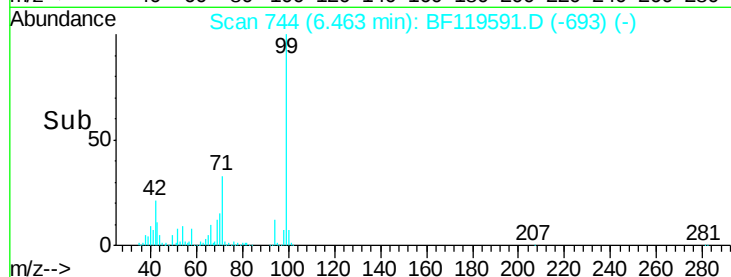
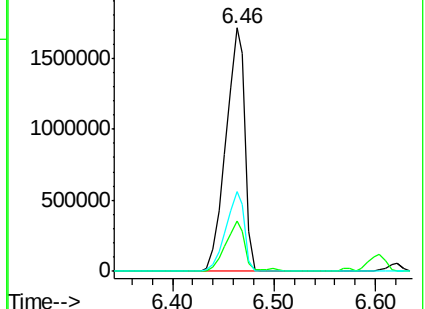
71 33.0 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.84 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

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Acq: 28 Mar 2020 2:26

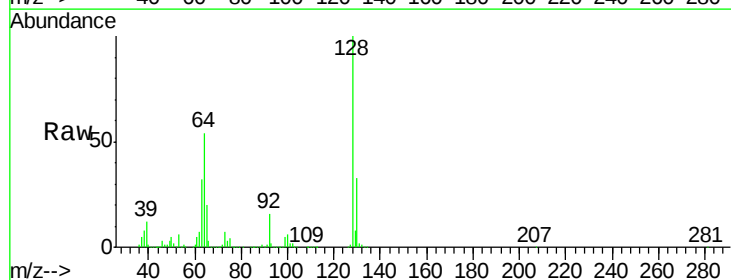
Tgt Ion: 128 Resp: 948293

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	53.7	35.3	75.3

128 100

130 33.1 12.6 52.6

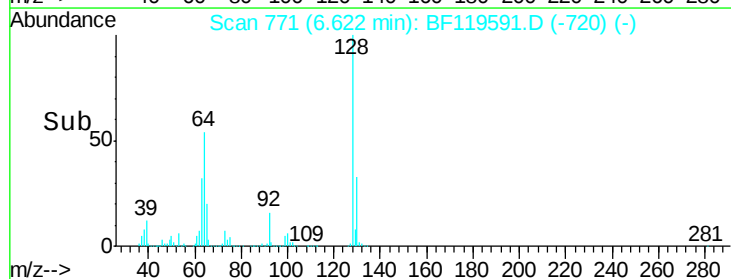
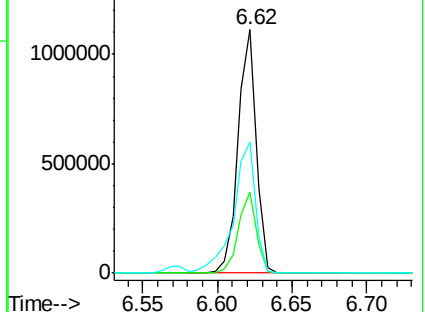
64 53.7 35.3 75.3

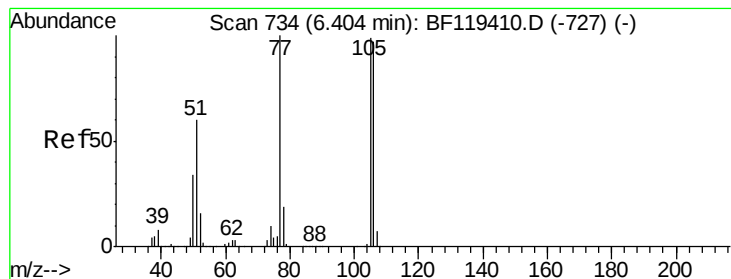


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.49 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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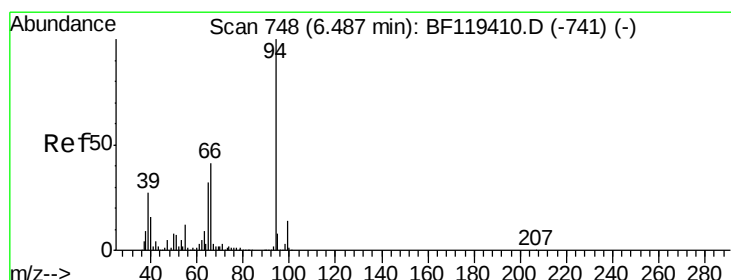
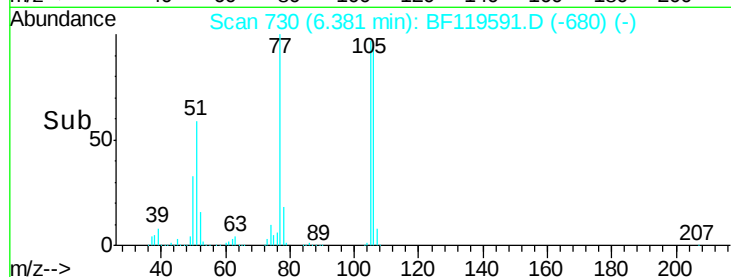
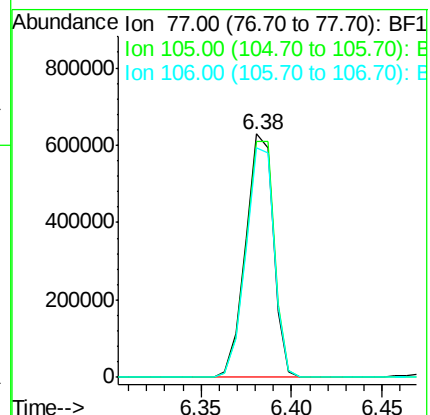
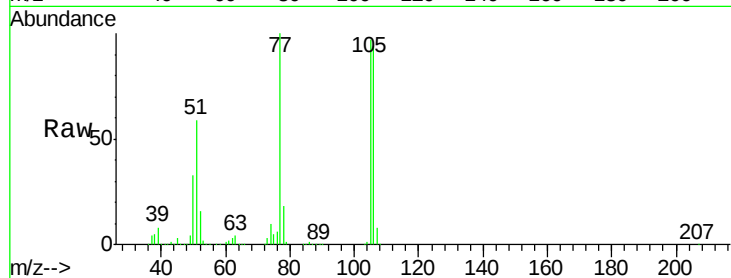
Tgt Ion: 77 Resp: 670149

Ion Ratio Lower Upper

77 100

105 96.8 80.9 120.9

106 94.3 77.9 117.9



#10

Phenol

Concen: 41.09 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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Acq: 28 Mar 2020 2:26

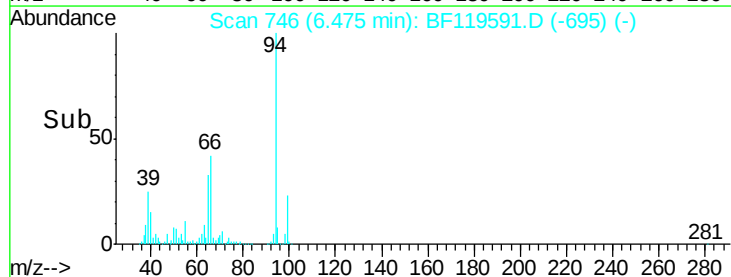
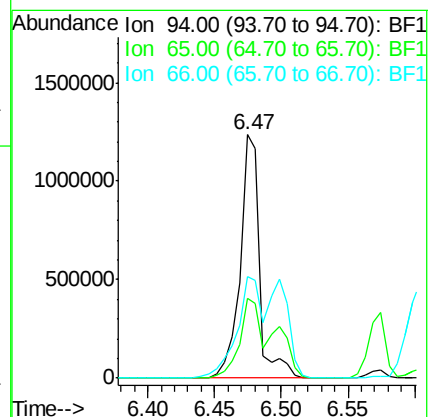
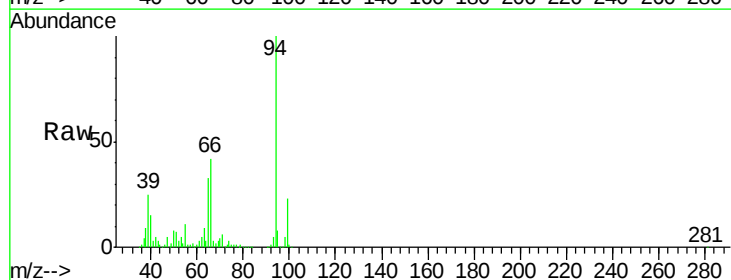
Tgt Ion: 94 Resp: 1269357

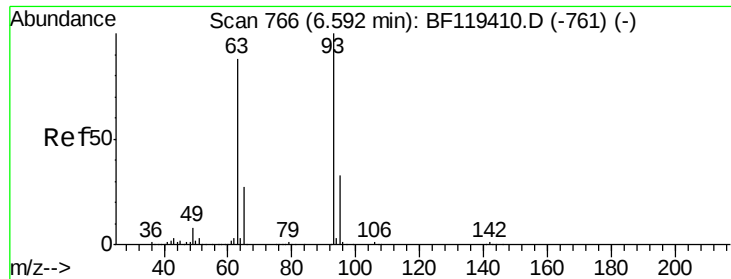
Ion Ratio Lower Upper

94 100

65 32.9 13.2 53.2

66 41.9 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 41.42 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

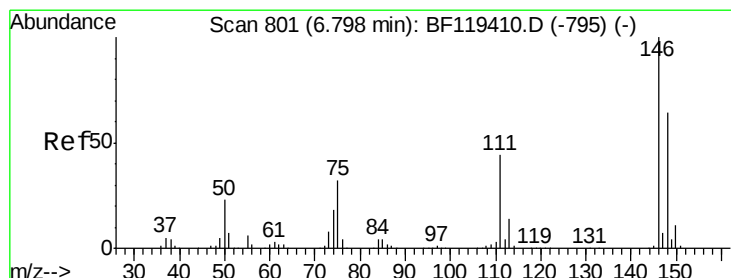
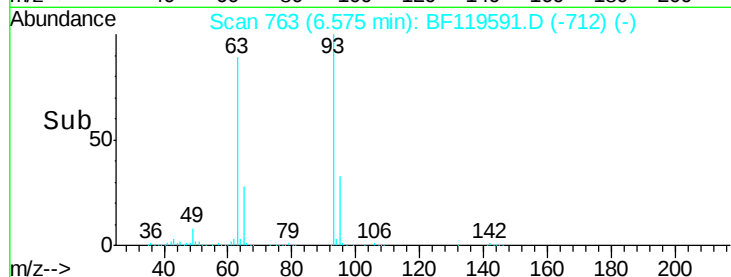
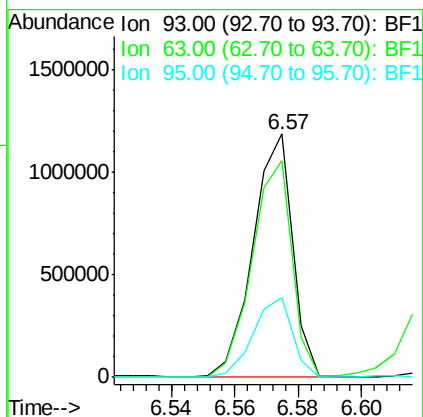
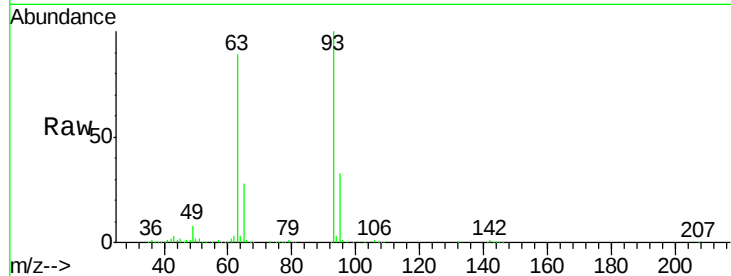
Tgt Ion: 93 Resp: 1023216

Ion Ratio Lower Upper

93 100

63 89.2 70.2 110.2

95 32.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 39.68 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

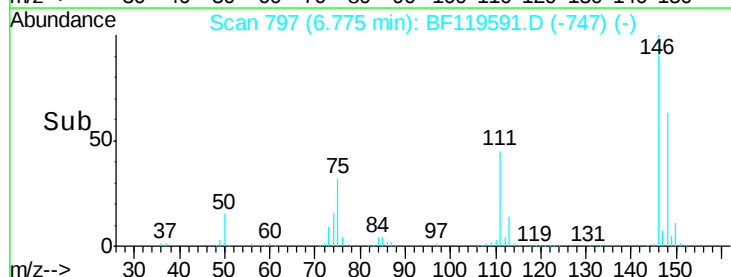
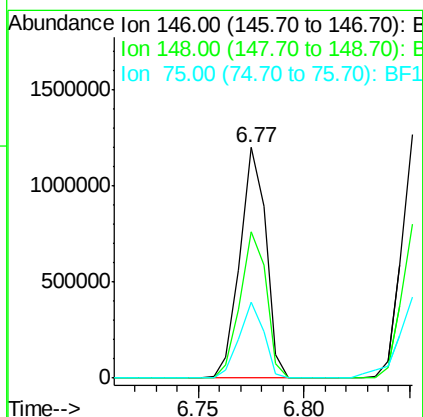
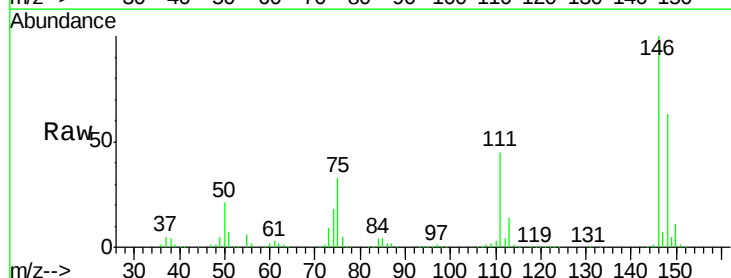
Tgt Ion: 146 Resp: 1022262

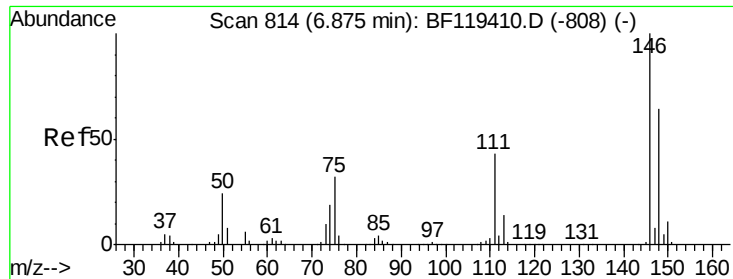
Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

75 33.0 23.0 34.4

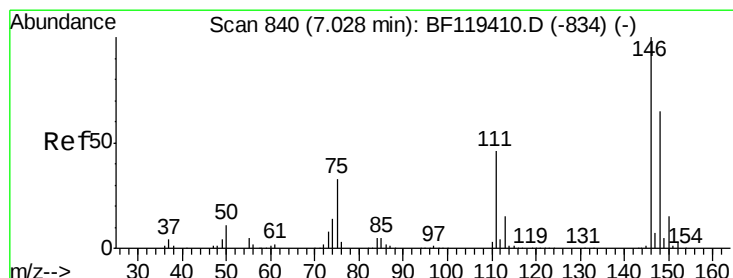
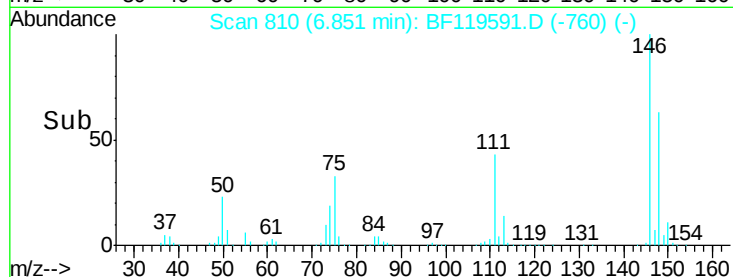
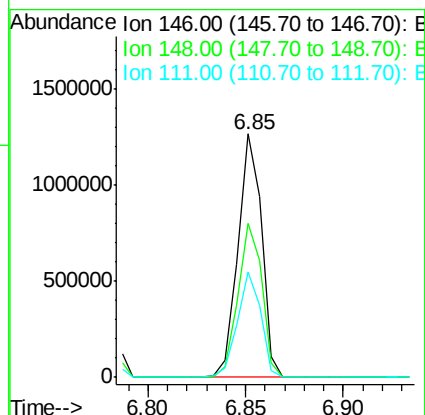
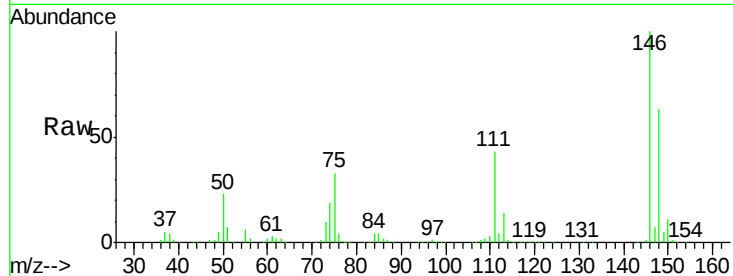




#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

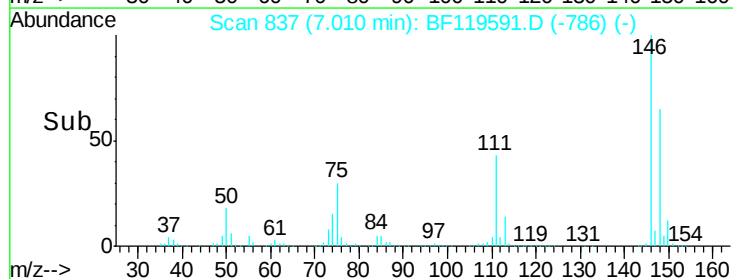
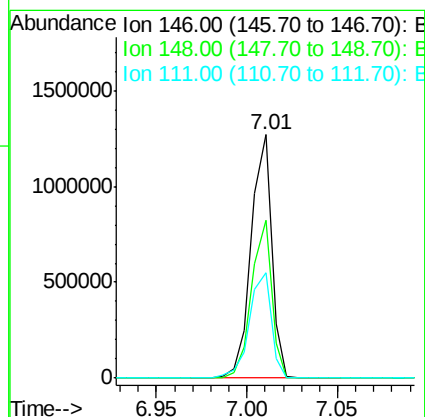
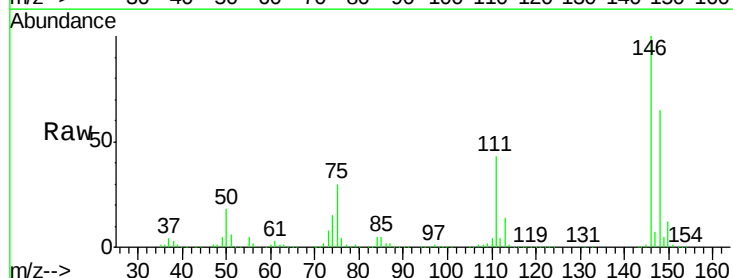
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 1061467
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.5 77.3
 111 43.1 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 41.44 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:146 Resp: 998162
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 43.4 36.1 54.1





#15

Benzyl Alcohol

Concen: 40.04 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

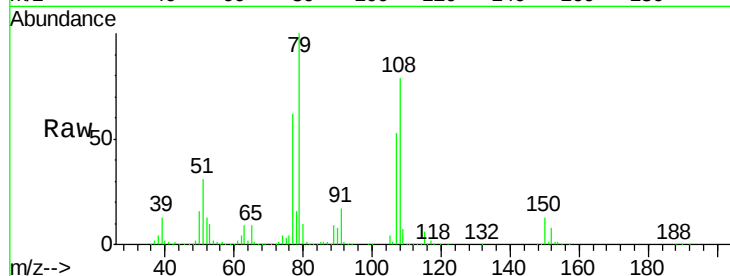
Tgt Ion: 79 Resp: 871848

Ion Ratio Lower Upper

79 100

108 78.6 60.6 90.8

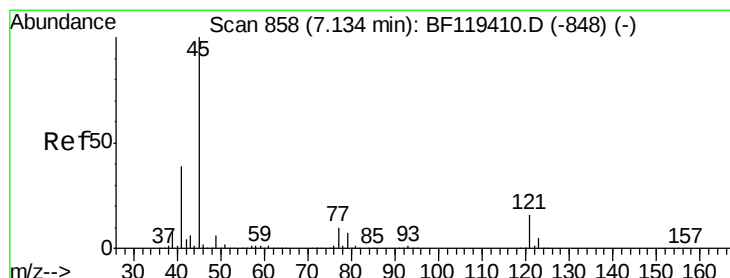
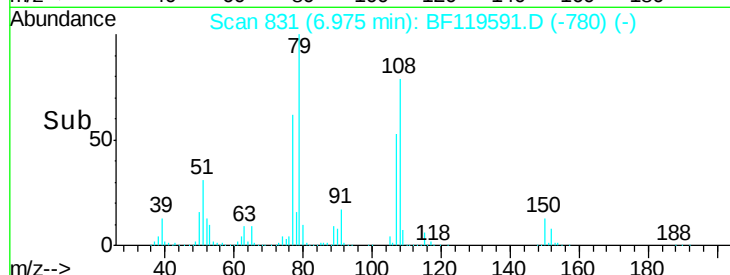
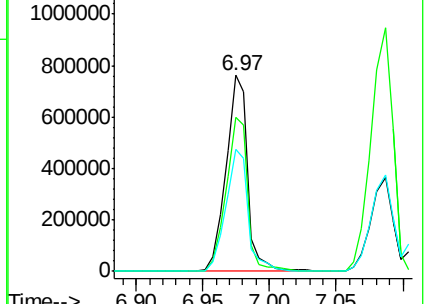
77 62.5 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.51 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

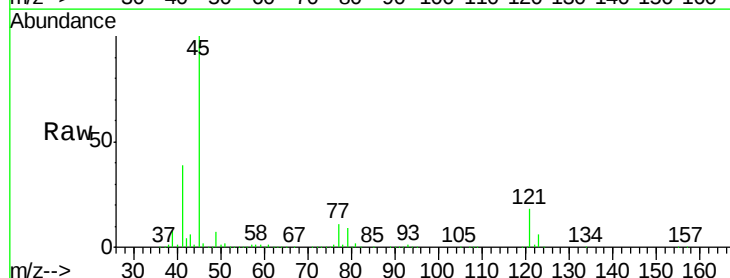
Tgt Ion: 45 Resp: 1969121

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.7

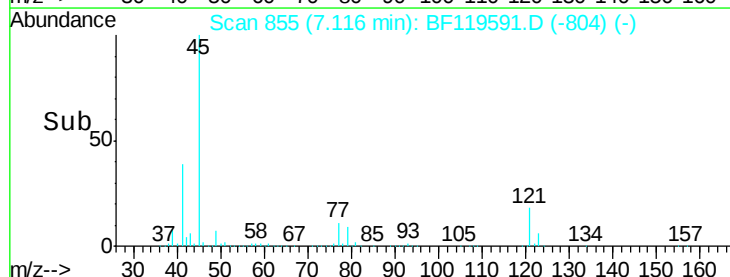
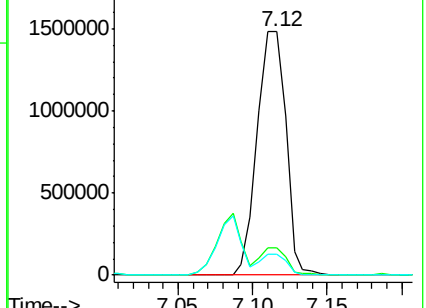
79 8.8 0.0 28.2

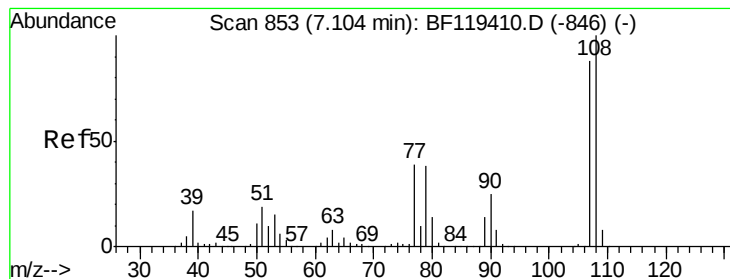


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.56 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 928152

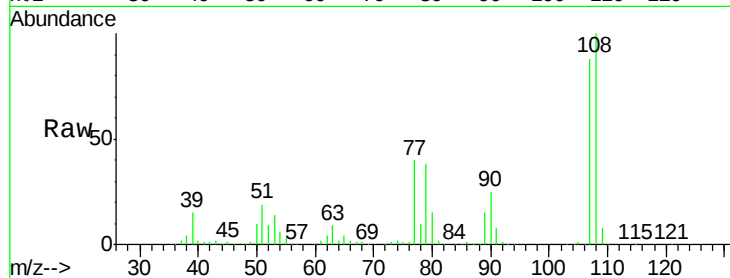
Ion Ratio Lower Upper

107 100

108 113.9 92.2 138.4

77 45.0 36.6 54.8

79 43.7 36.2 54.4



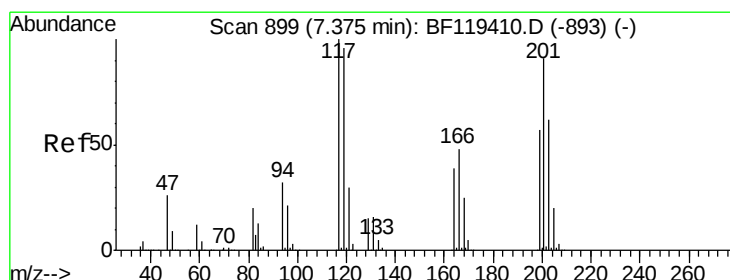
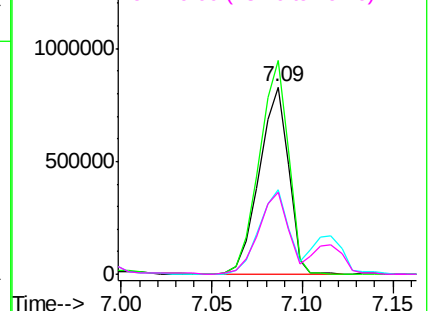
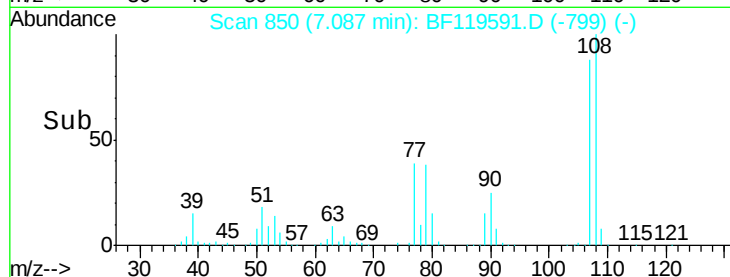
Abundance

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: 41.29 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

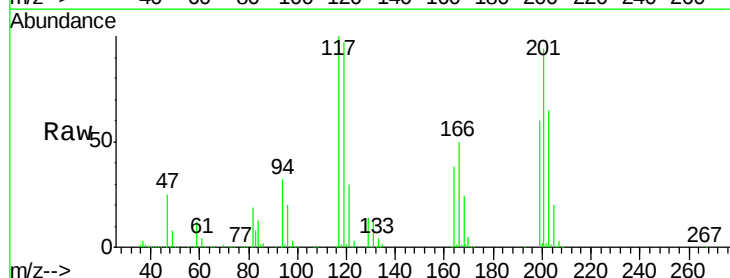
Tgt Ion:117 Resp: 389924

Ion Ratio Lower Upper

117 100

119 96.6 76.1 114.1

201 94.5 73.0 109.6

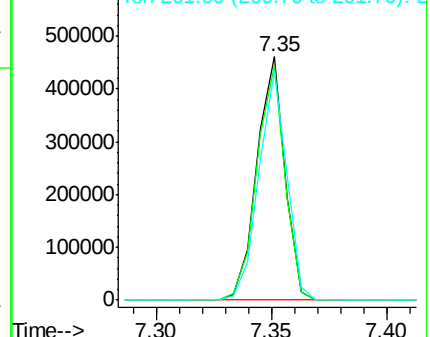
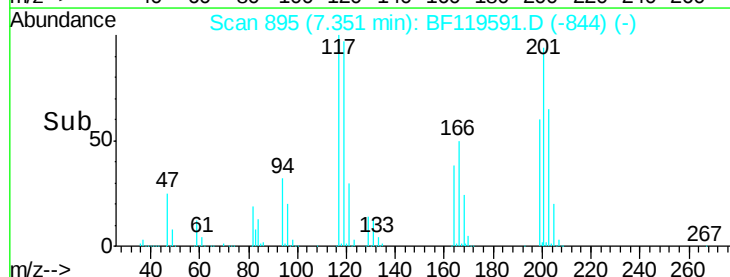


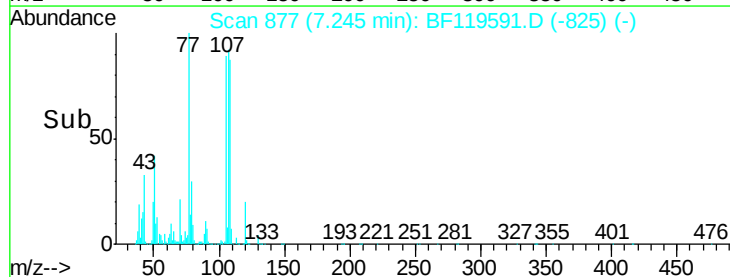
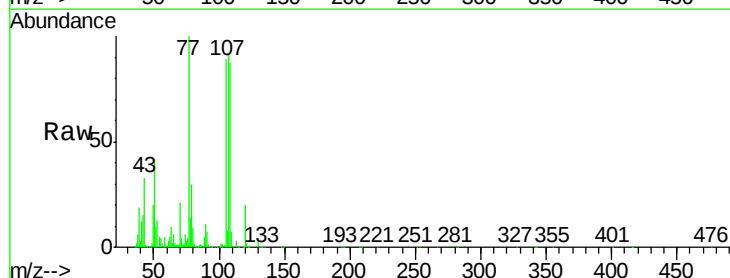
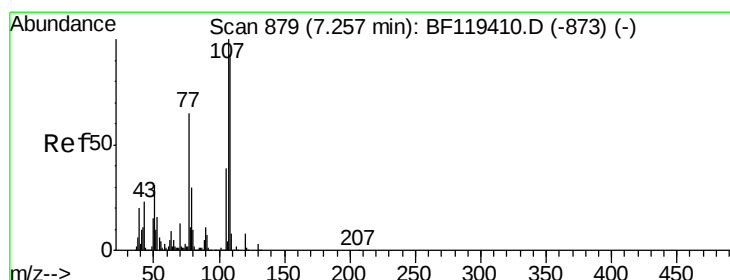
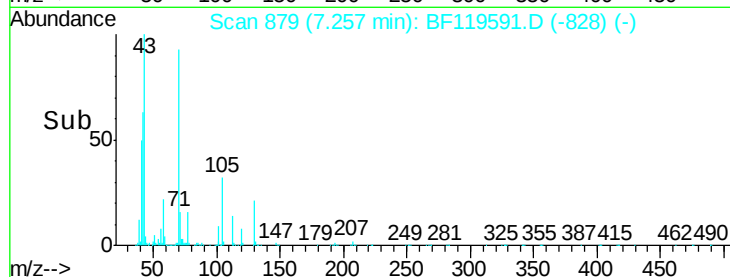
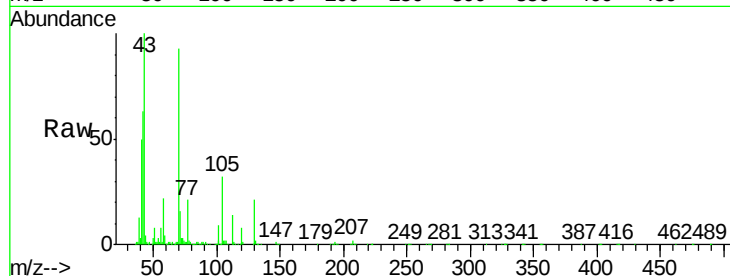
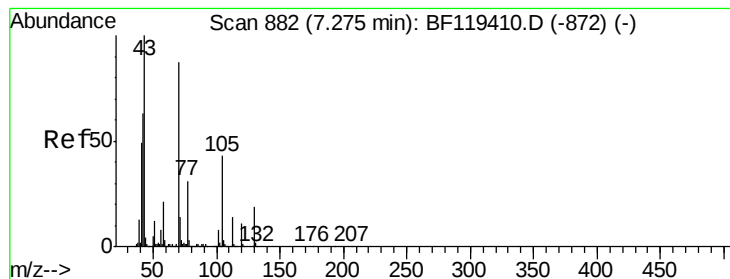
Abundance

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: 41.11 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 717318

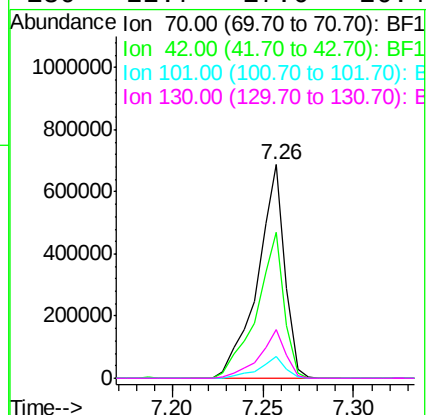
Ion Ratio Lower Upper

70 100

42 68.1 54.5 81.7

101 9.9 7.6 11.4

130 22.7 17.6 26.4



#20

3+4-Methylphenols

Concen: 39.83 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Tgt Ion: 107 Resp: 1064647

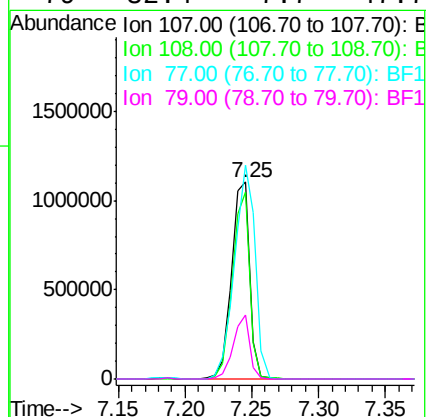
Ion Ratio Lower Upper

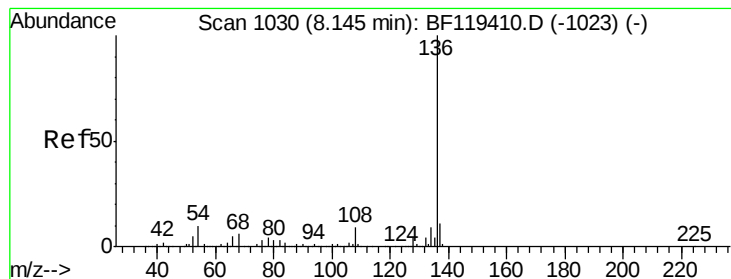
107 100

108 94.8 67.9 107.9

77 108.4 52.9 92.9#

79 32.4 7.7 47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1352926

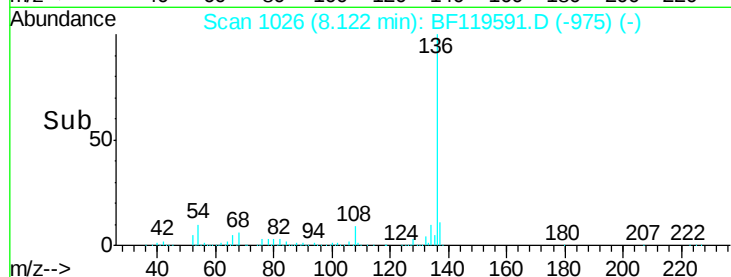
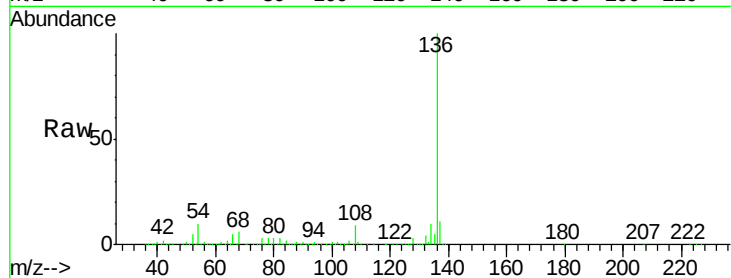
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.2 9.1 13.7

68 5.8 4.6 6.8

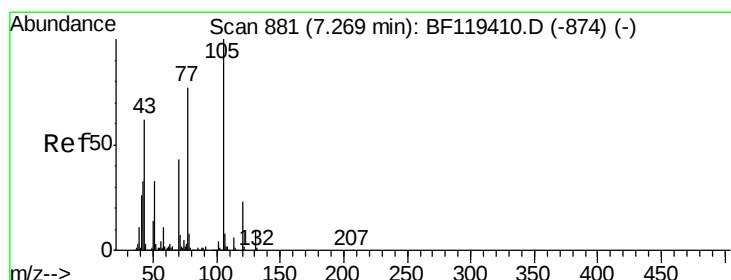
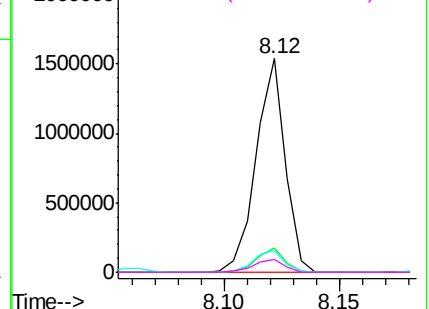


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.87 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Tgt Ion:105 Resp: 1256577

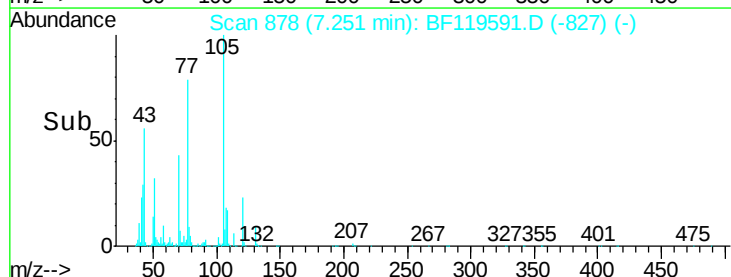
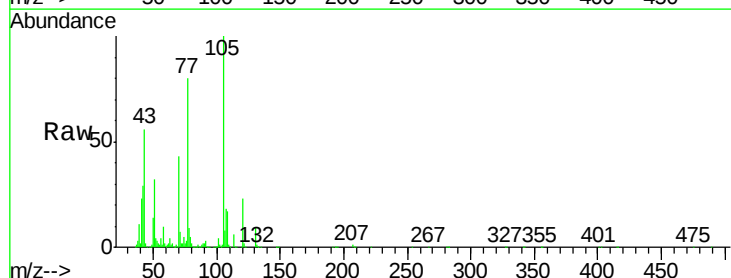
Ion Ratio Lower Upper

105 100

71 7.2 5.7 8.5

51 31.8 26.2 39.4

120 22.8 18.3 27.5

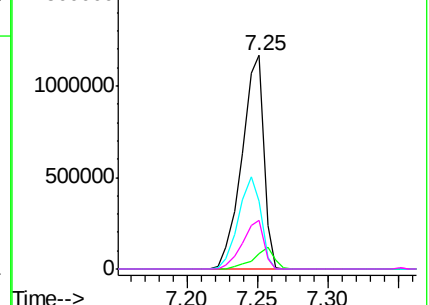


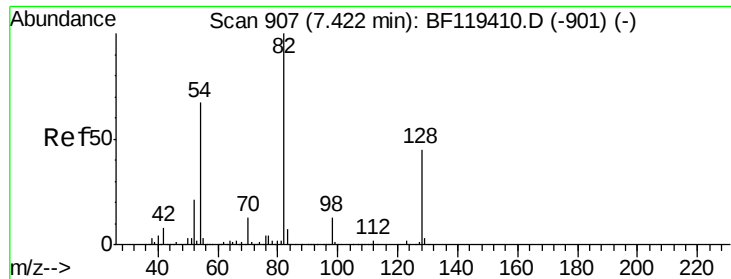
Abundance Ion 105.00 (104.70 to 105.70): E

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

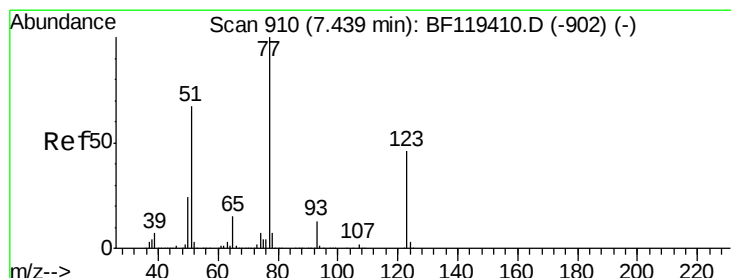
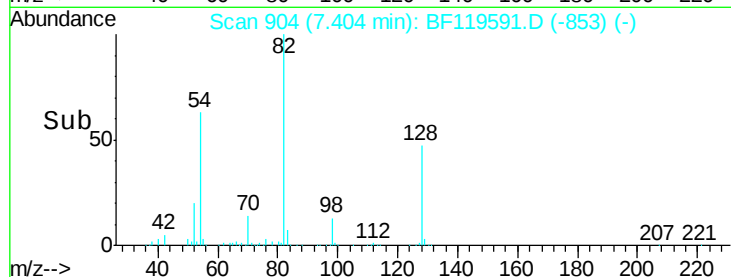
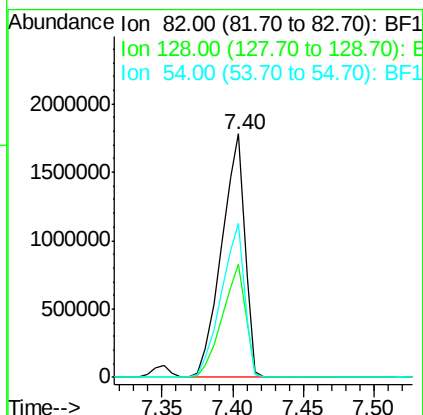
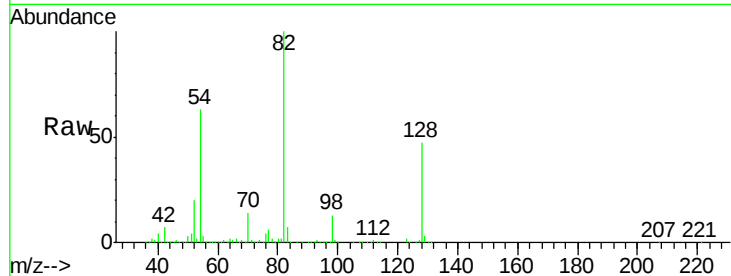




#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

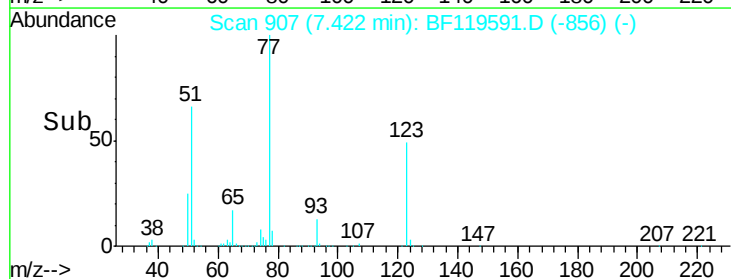
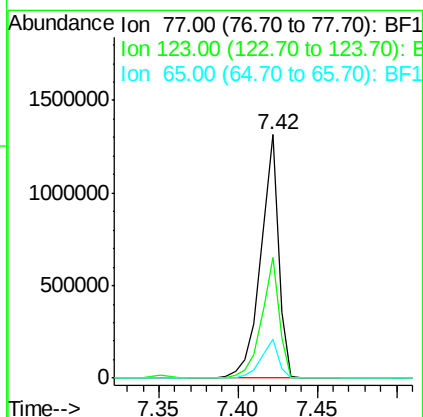
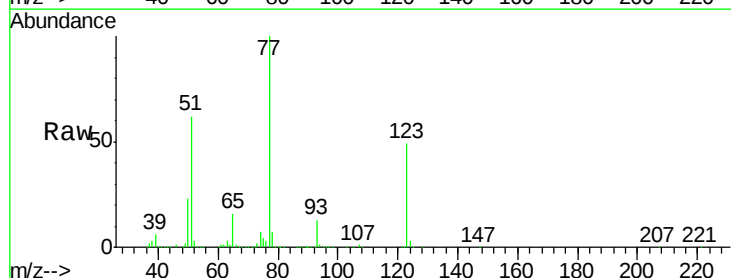
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

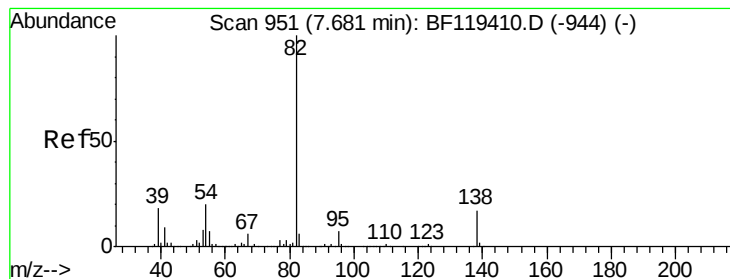
Tgt Ion: 82 Resp: 2039779
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.3 54.5
 54 63.1 50.6 75.8



#24
 Nitrobenzene
 Concen: 39.25 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion: 77 Resp: 1044107
 Ion Ratio Lower Upper
 77 100
 123 49.4 38.0 57.0
 65 15.8 12.6 18.8





#25

Isophorone

Concen: 39.74 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

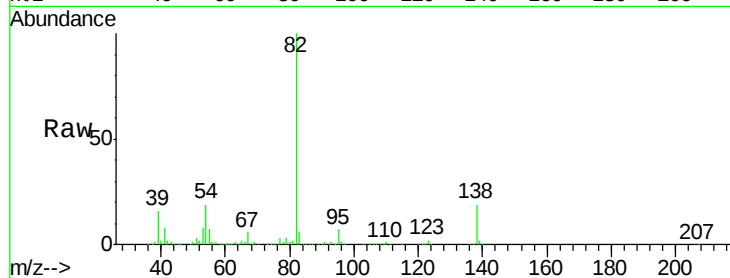
Tgt Ion: 82 Resp: 2006757

Ion Ratio Lower Upper

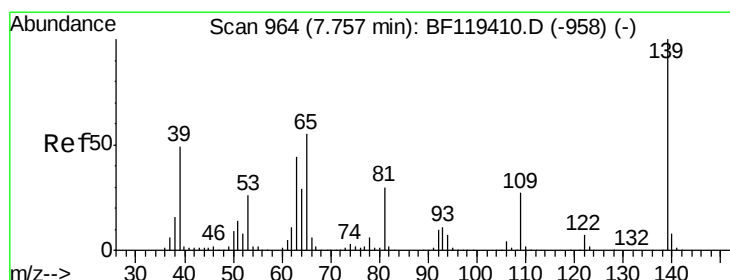
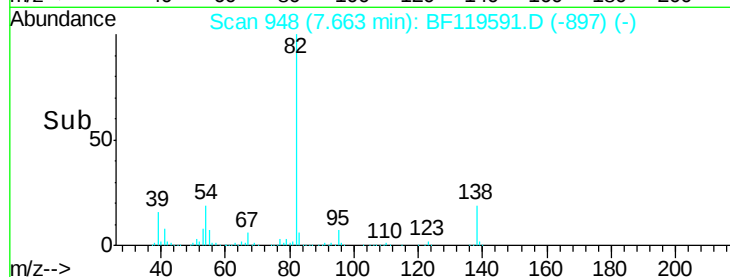
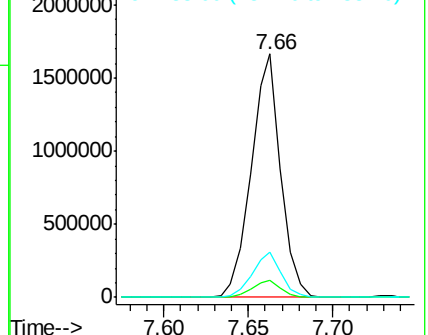
82 100

95 7.0 5.8 8.6

138 18.7 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: 50.11 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

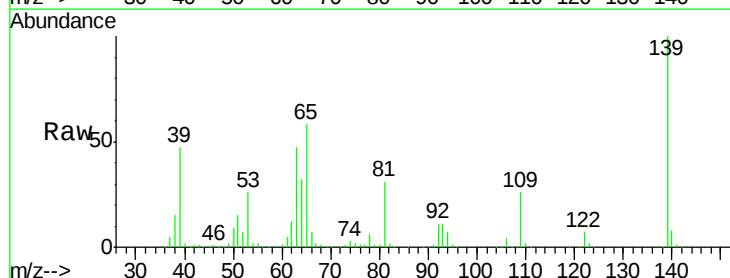
Tgt Ion: 139 Resp: 524859

Ion Ratio Lower Upper

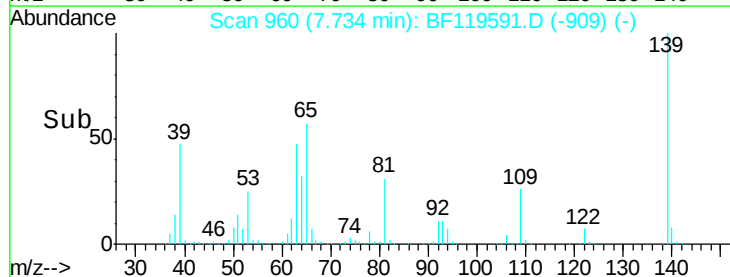
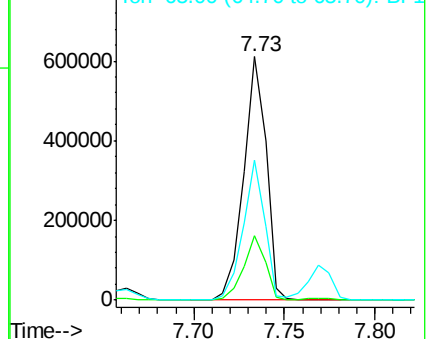
139 100

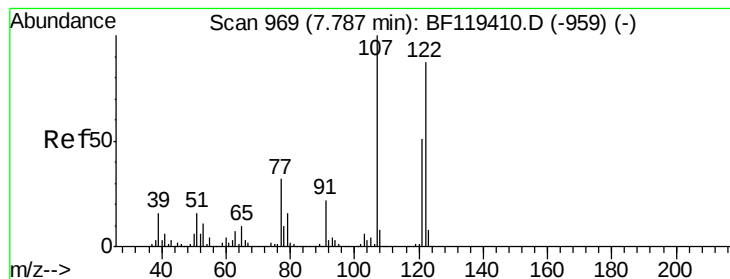
109 26.5 22.1 33.1

65 57.5 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: 34.61 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

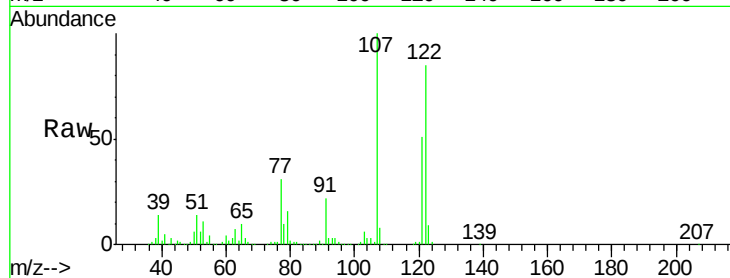
Tgt Ion:122 Resp: 749680

Ion Ratio Lower Upper

122 100

107 117.5 89.0 133.6

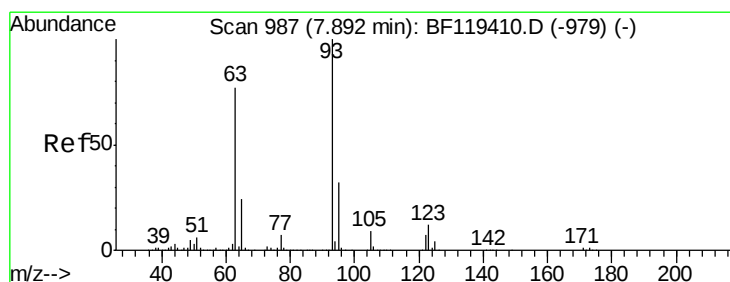
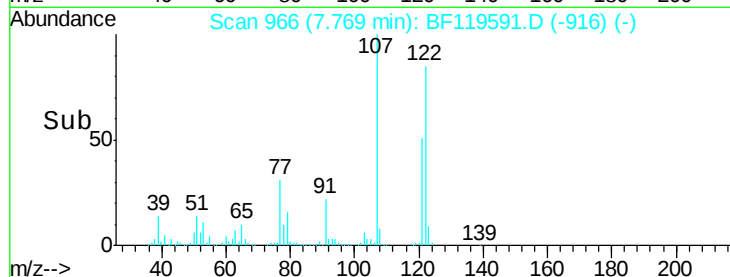
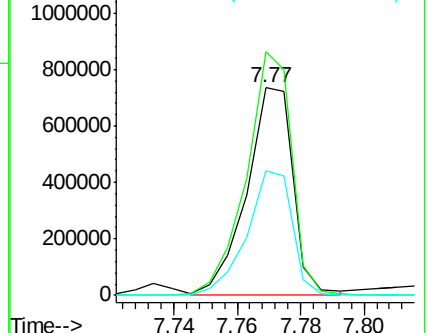
121 59.9 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.70 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

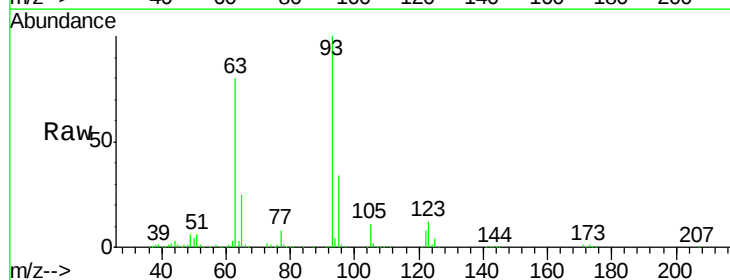
Tgt Ion: 93 Resp: 1185603

Ion Ratio Lower Upper

93 100

95 33.7 26.3 39.5

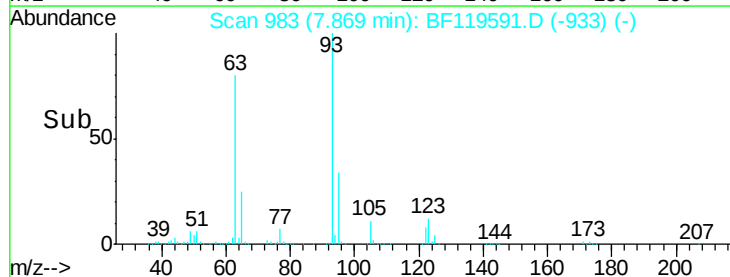
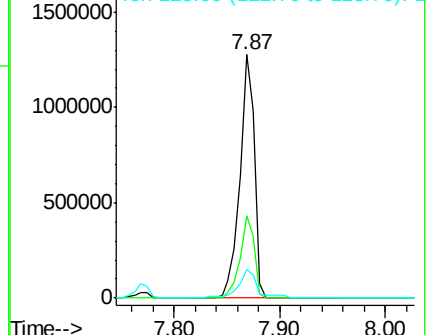
123 11.6 9.7 14.5

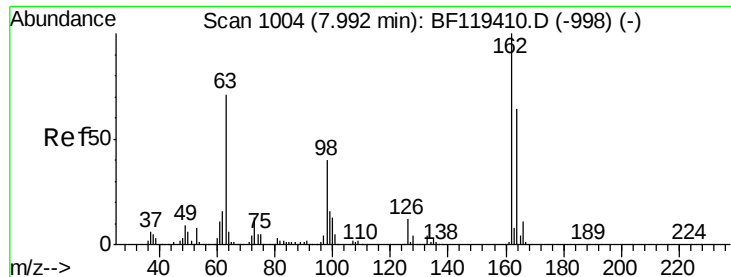


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

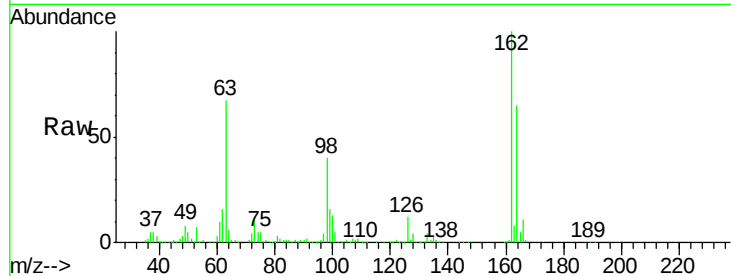




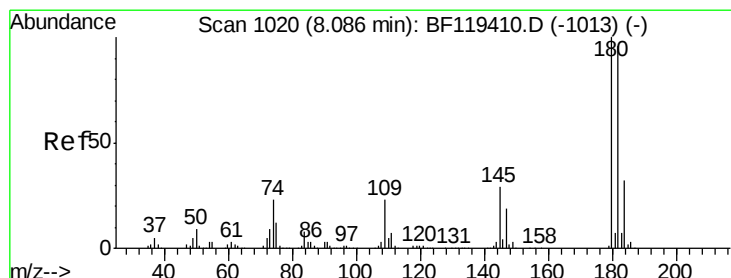
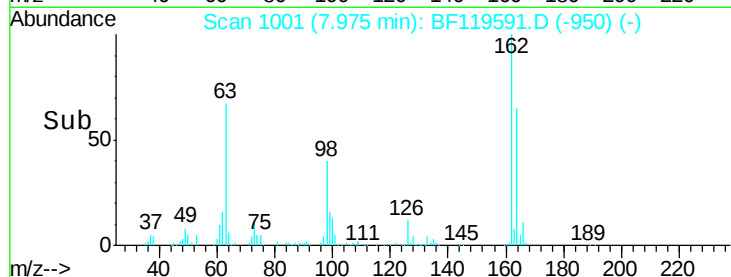
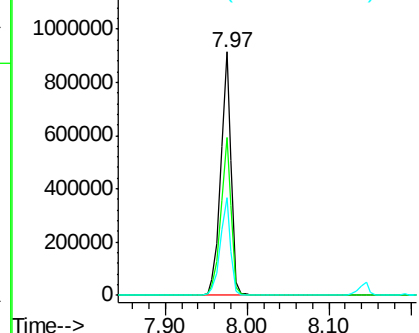
#29
 2,4-Dichlorophenol
 Concen: 41.35 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 822906
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.7 84.7
 98 40.2 20.7 60.7

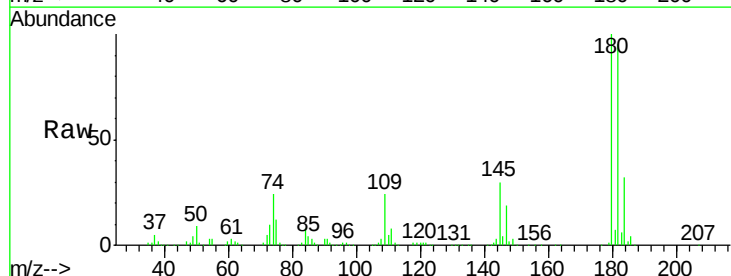


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

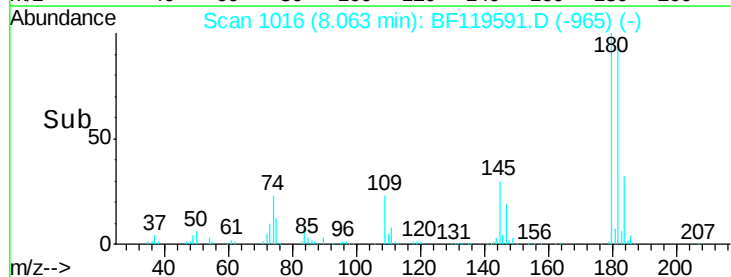
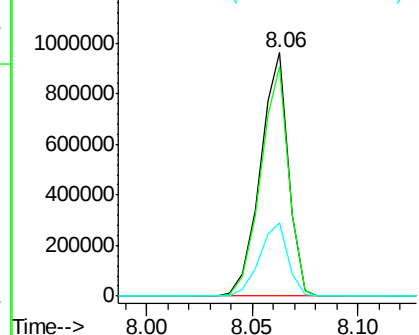


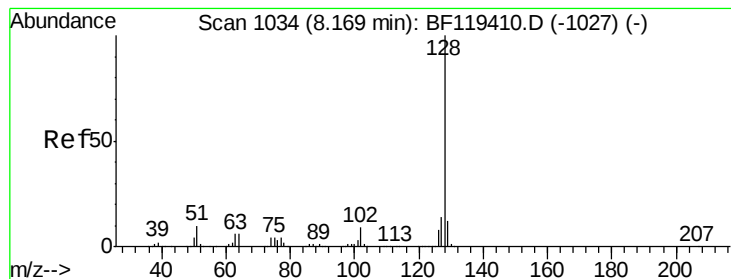
#30
 1,2,4-Trichlorobenzene
 Concen: 40.31 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:180 Resp: 887131
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.7 112.1
 145 30.3 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: 40.41 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

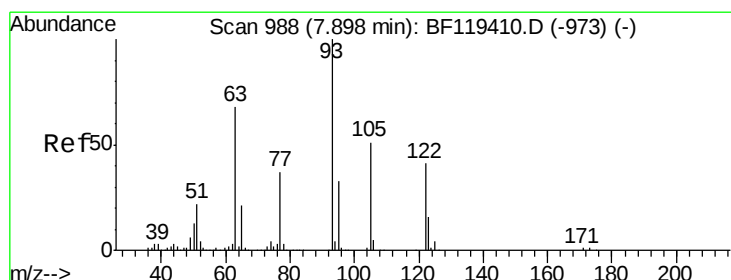
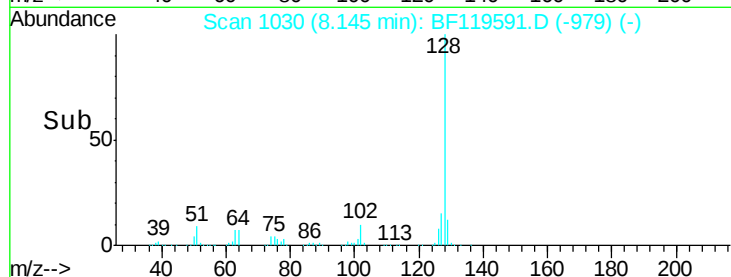
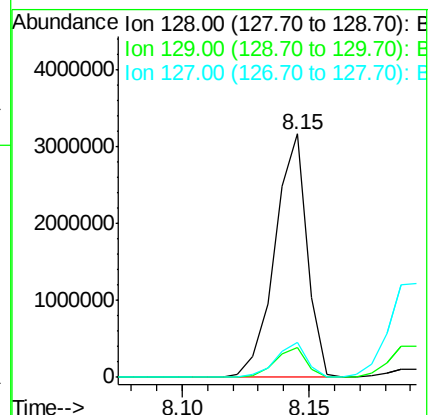
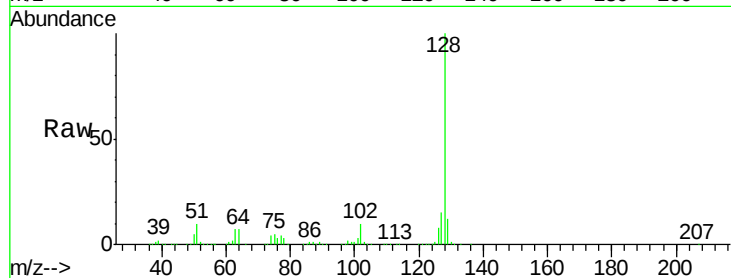
Tgt Ion:128 Resp: 2813223

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

127 14.6 11.3 16.9



#32

Benzoic acid

Concen: 49.52 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

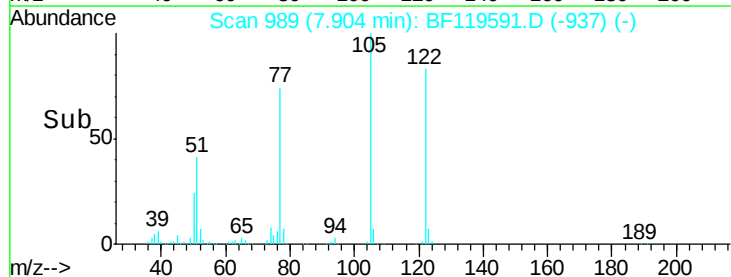
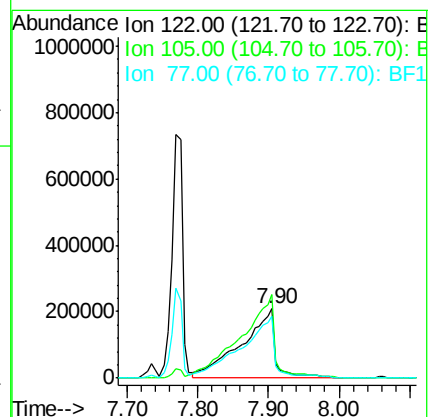
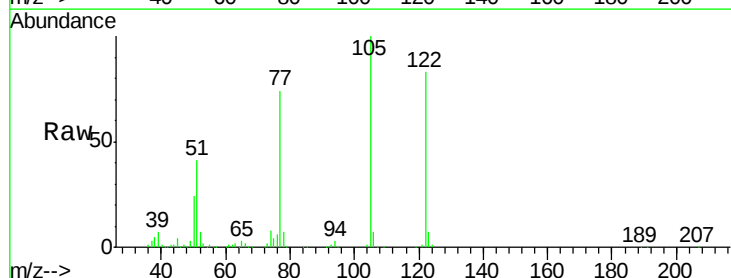
Tgt Ion:122 Resp: 689992

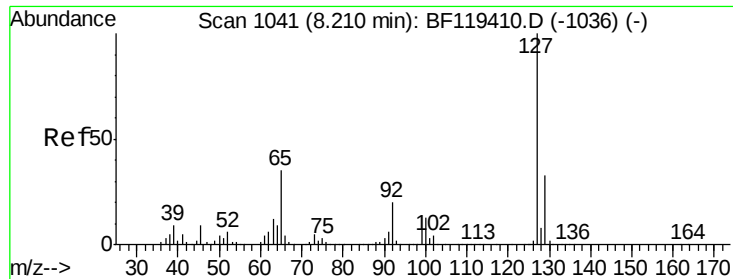
Ion Ratio Lower Upper

122 100

105 121.2 104.9 144.9

77 89.7 74.4 114.4

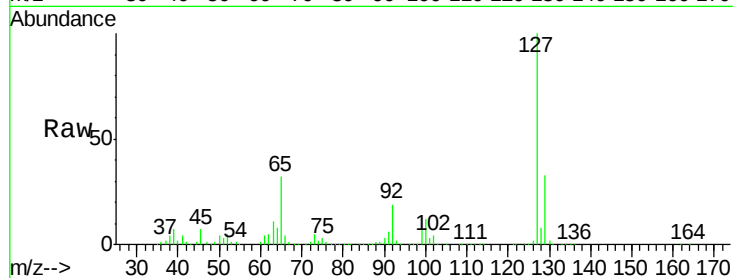




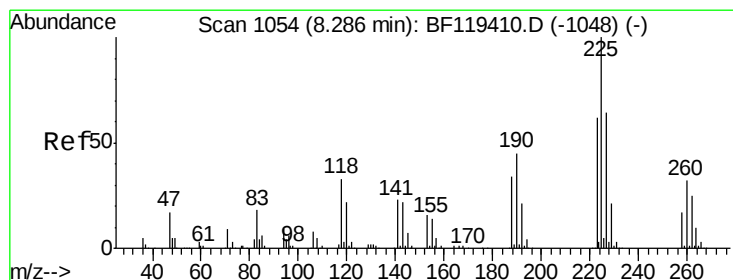
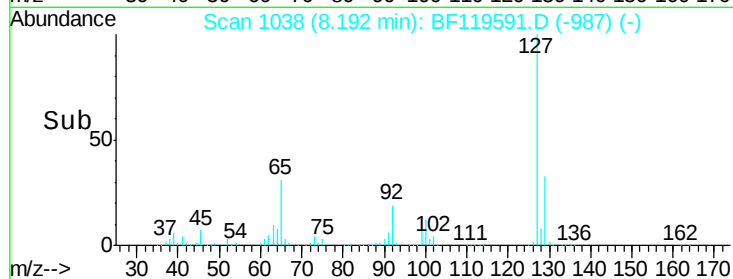
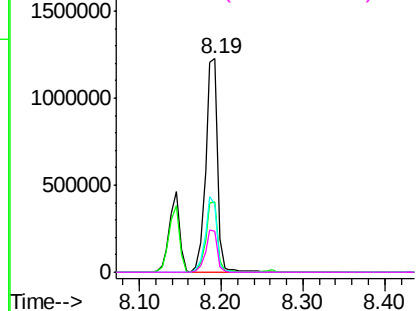
#33
4-Chloroaniline
Concen: 38.78 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	1237103
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	31.6	27.4	41.0
92	19.0	15.3	22.9

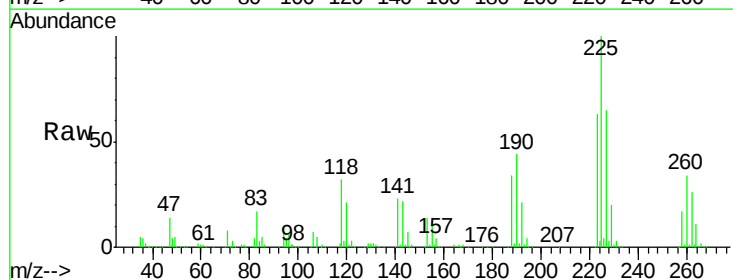


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

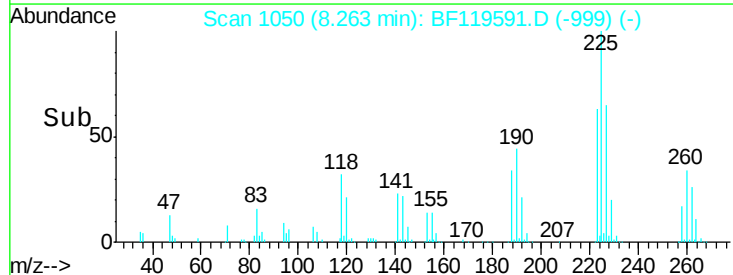
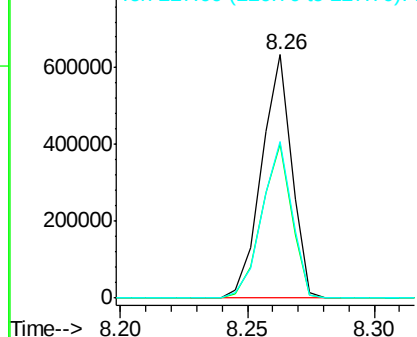


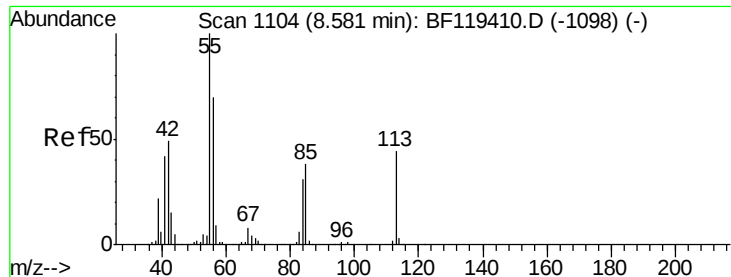
#34
Hexachlorobutadiene
Concen: 42.86 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:	225	Resp:	527827
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	64.5	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

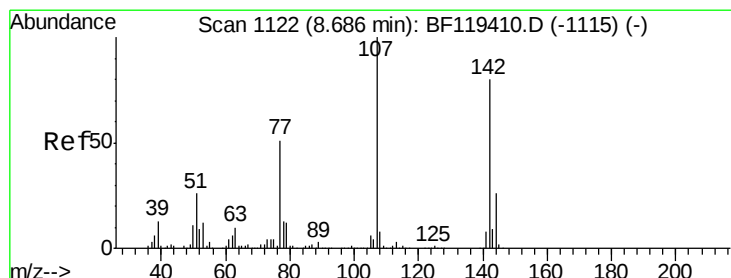
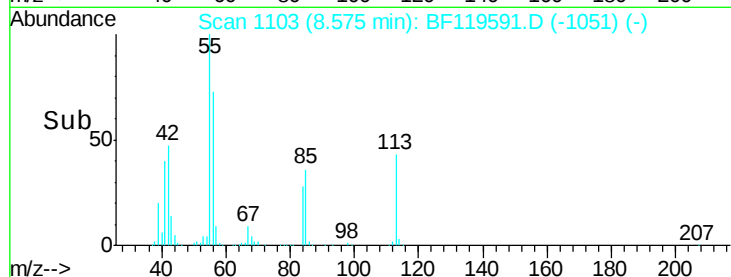
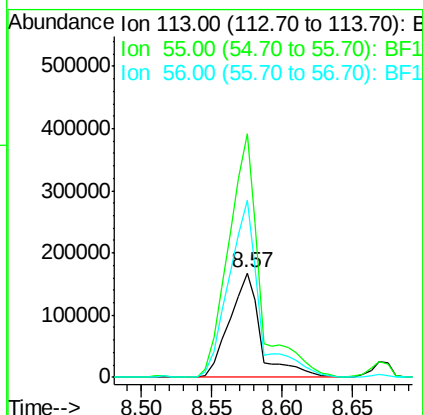
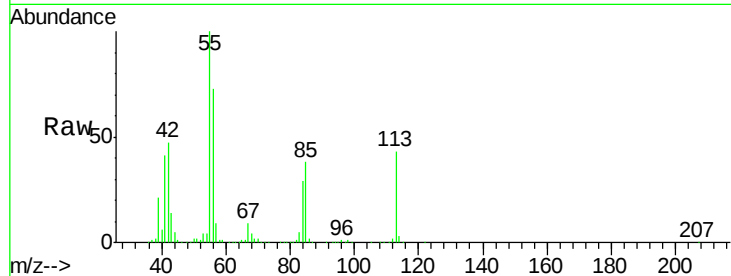




#35
 Caprolactam
 Concen: 39.53 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

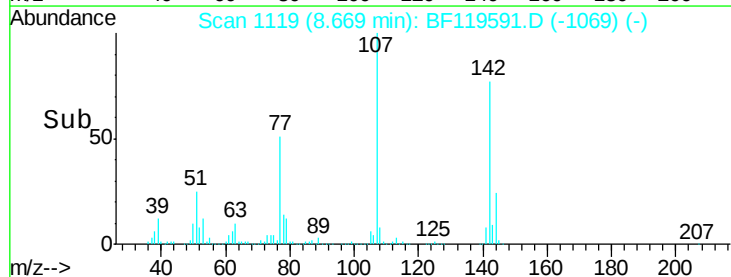
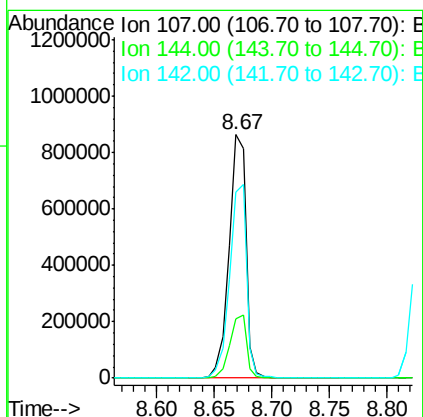
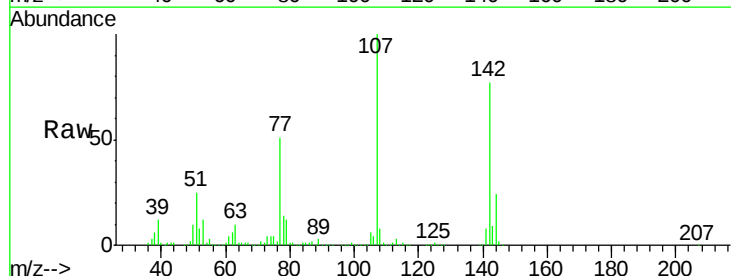
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

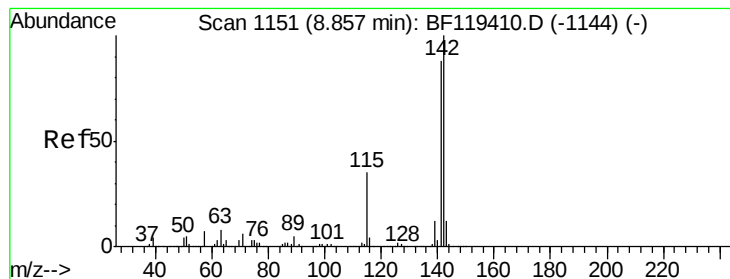
Tgt Ion:113 Resp: 257455
 Ion Ratio Lower Upper
 113 100
 55 233.6 218.4 258.4
 56 169.9 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.48 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:107 Resp: 880460
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.0 31.6
 142 76.6 64.4 96.6





#37

2-Methylnaphthalene

Concen: 40.60 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

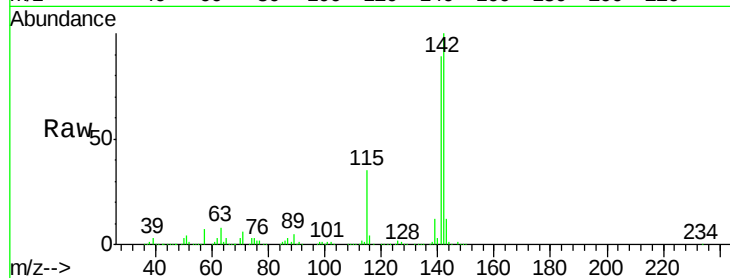
Tgt Ion:142 Resp: 1855310

Ion Ratio Lower Upper

142 100

141 88.5 71.7 107.5

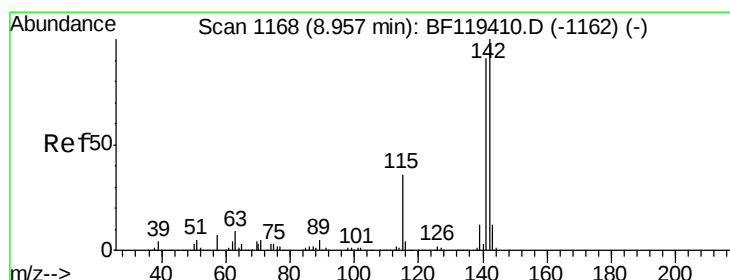
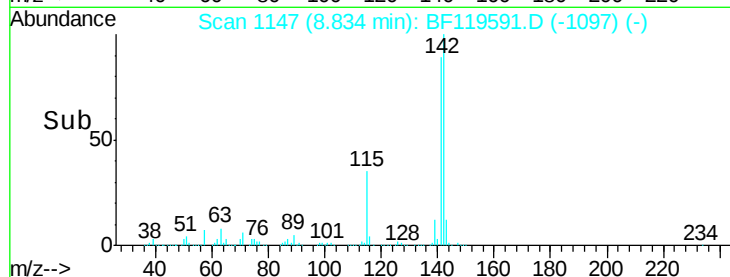
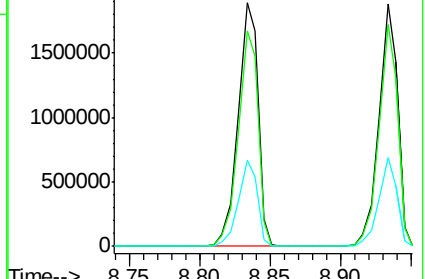
115 35.3 27.9 41.9



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: 40.04 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

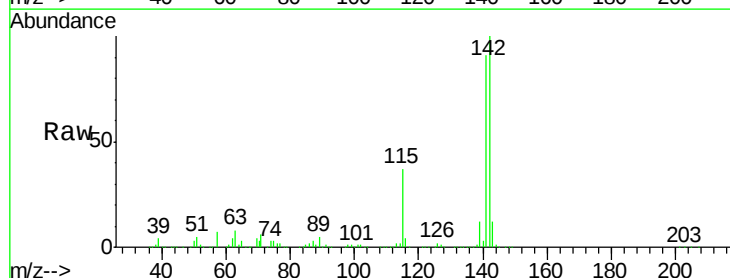
Tgt Ion:142 Resp: 1731550

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

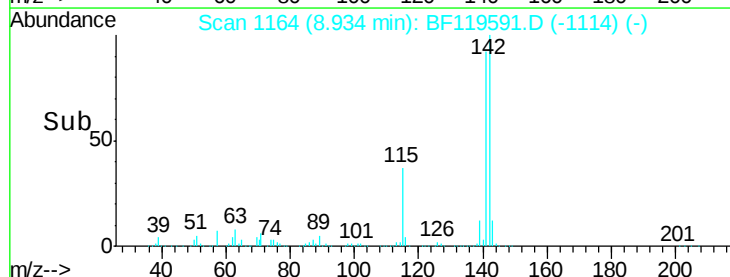
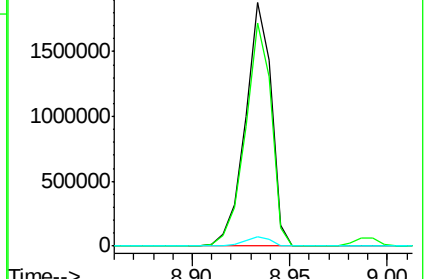
116 3.7 3.0 4.6

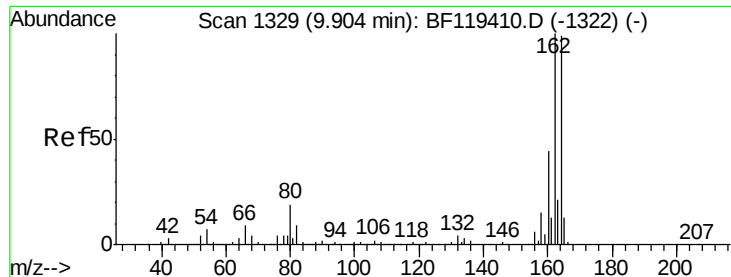


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

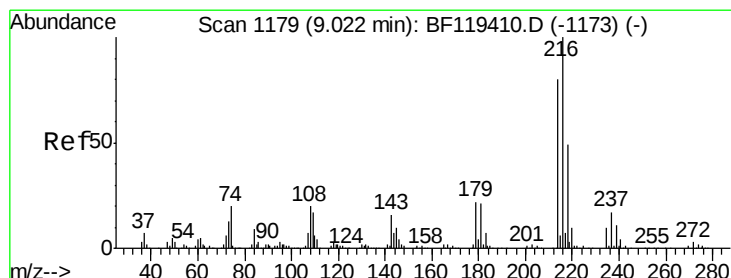
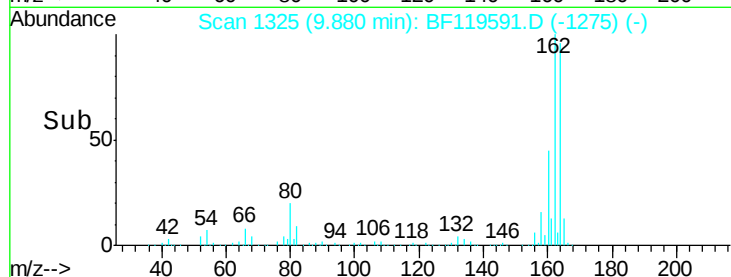
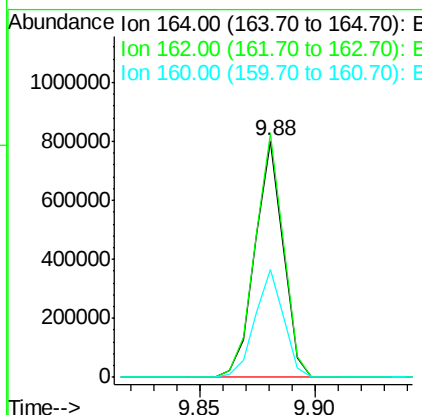
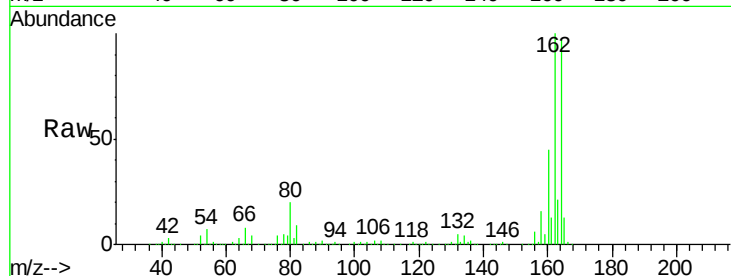




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

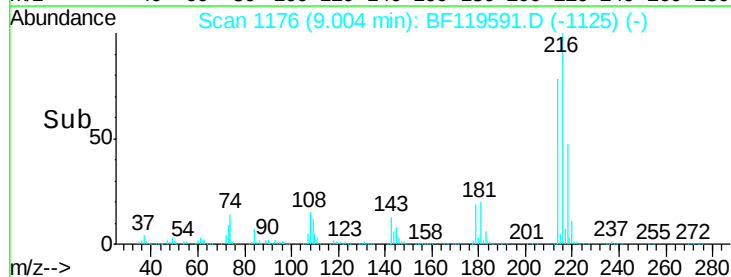
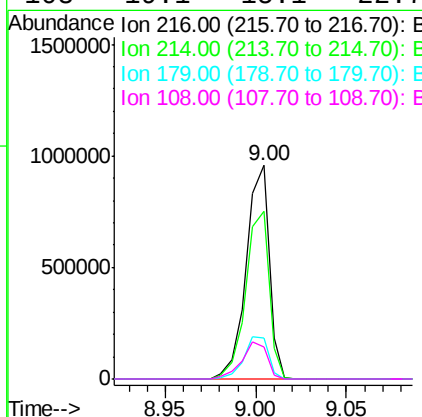
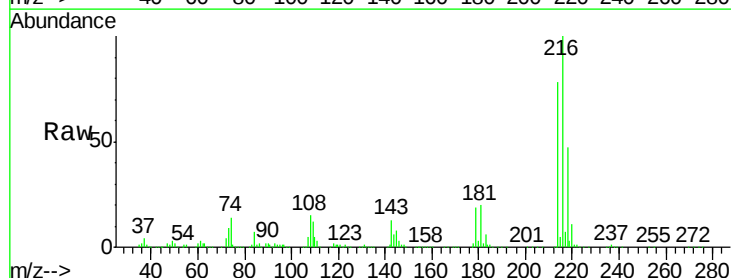
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

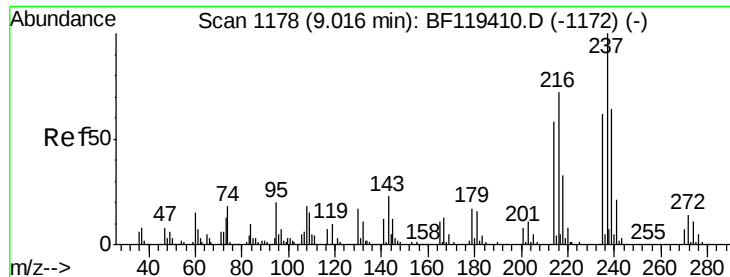
Tgt Ion:164 Resp: 686720
Ion Ratio Lower Upper
164 100
162 103.1 80.6 121.0
160 45.9 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.06 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:216 Resp: 846572
Ion Ratio Lower Upper
216 100
214 80.4 63.2 94.8
179 21.3 17.1 25.7
108 19.1 15.1 22.7

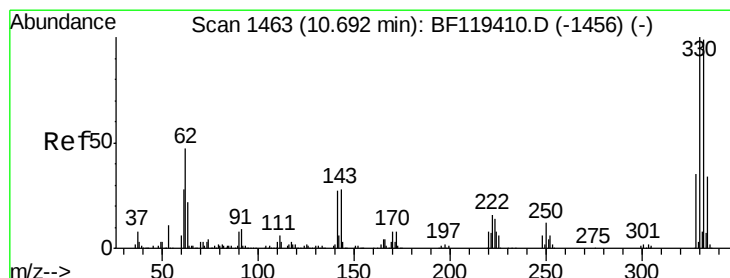
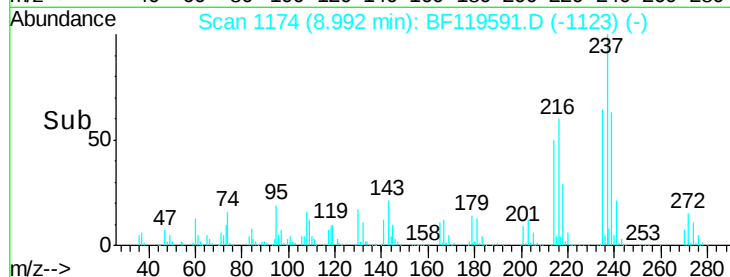
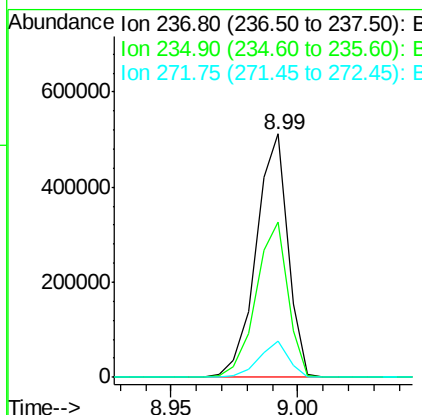
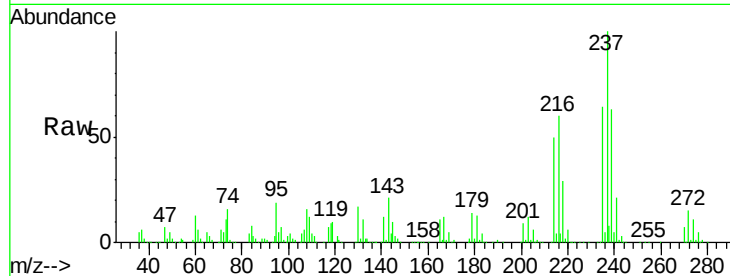




#41
Hexachlorocyclopentadiene
Concen: 39.23 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

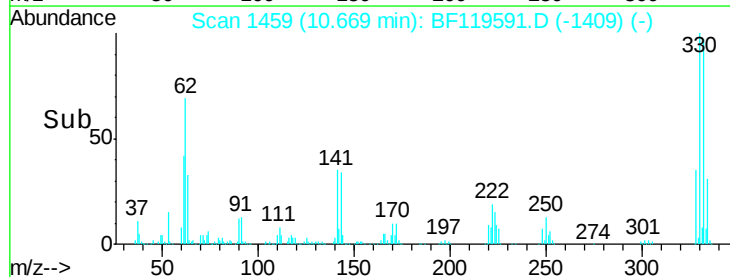
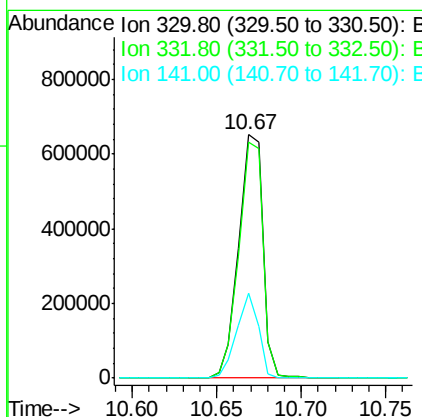
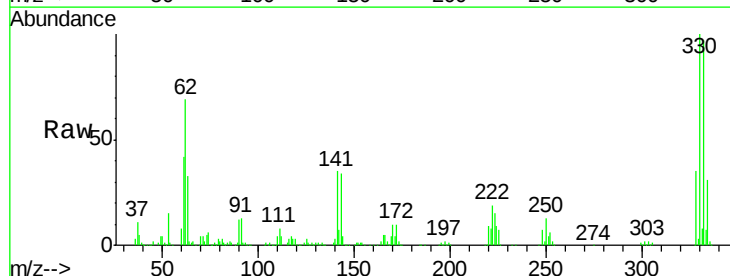
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

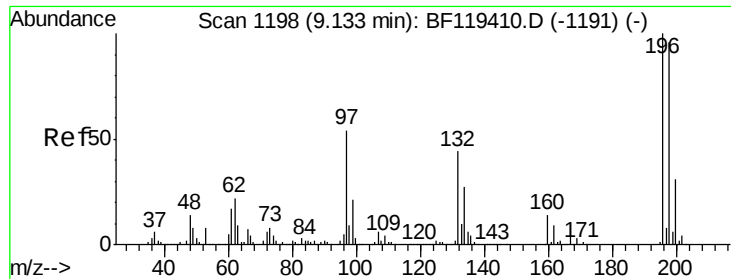
Tgt Ion: 237 Resp: 448872
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 14.7 0.0 34.1



#42
2,4,6-Tribromophenol
Concen: 92.71 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion: 330 Resp: 656849
Ion Ratio Lower Upper
330 100
332 96.9 75.7 113.5
141 31.3 25.4 38.0

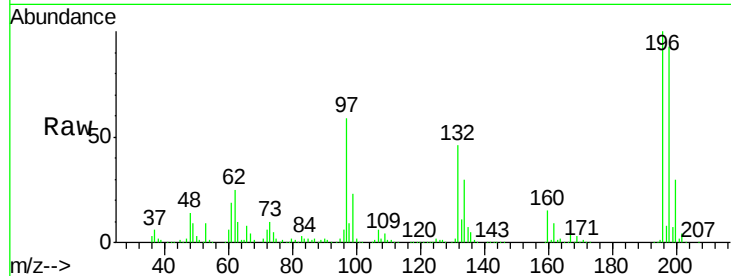




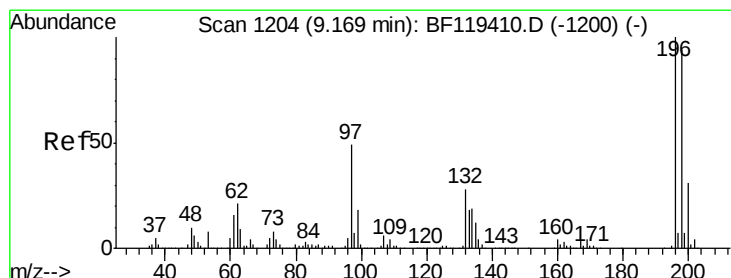
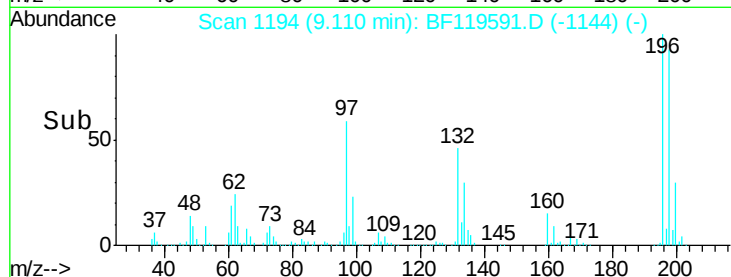
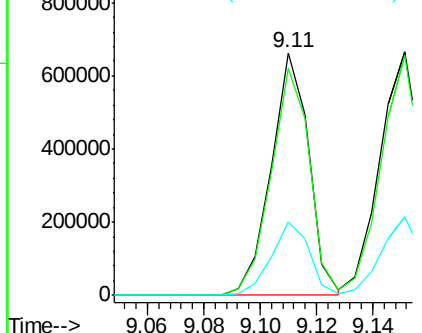
#43
 2,4,6-Trichlorophenol
 Concen: 42.67 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 614619
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.6 115.0
 200 30.4 24.6 36.8

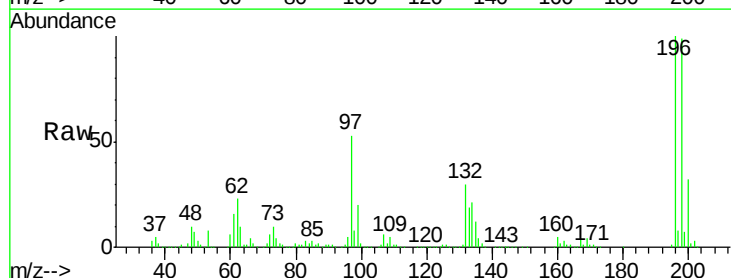


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

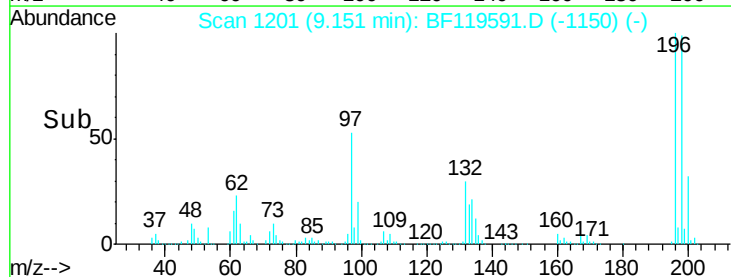
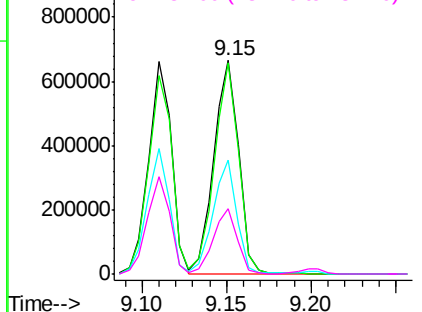


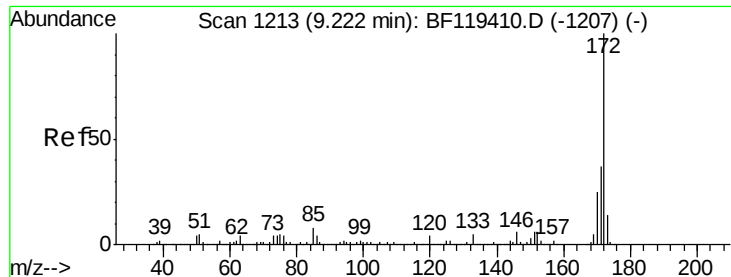
#44
 2,4,5-Trichlorophenol
 Concen: 42.54 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:196 Resp: 686430
 Ion Ratio Lower Upper
 196 100
 198 98.7 73.8 110.8
 97 53.5 42.6 63.8
 132 30.3 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

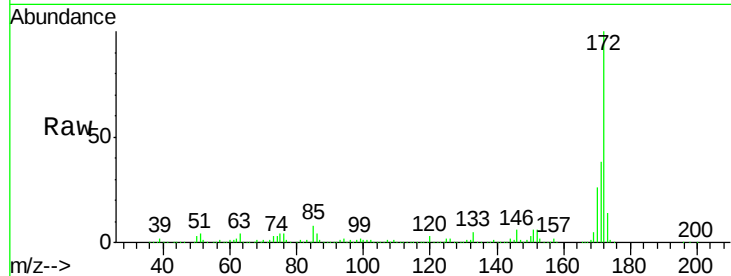




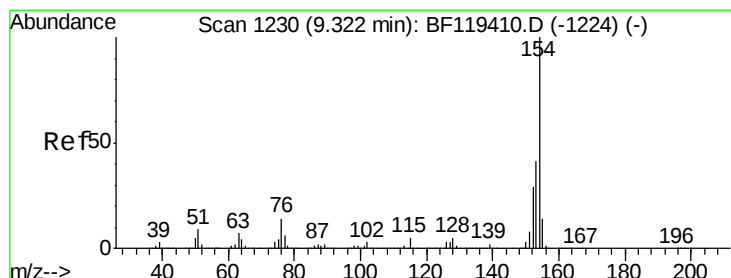
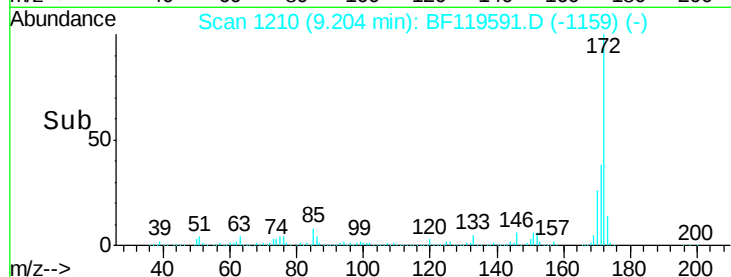
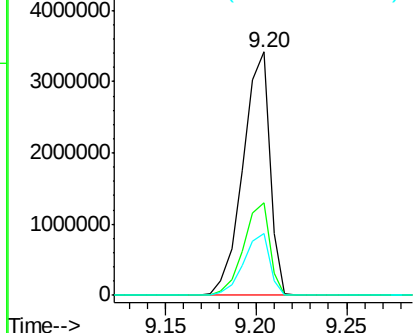
#45
2-Fluorobiphenyl
Concen: 75.89 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 3517859
Ion Ratio Lower Upper
172 100
171 38.1 29.6 44.4
170 25.6 20.2 30.2

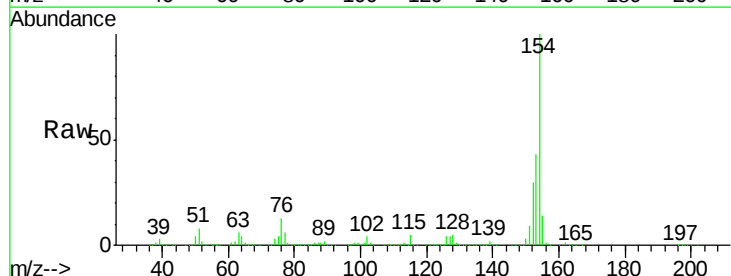


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

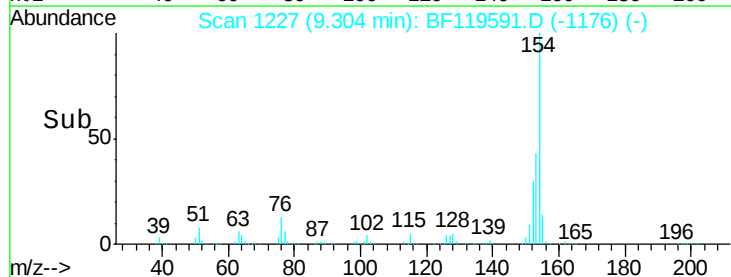
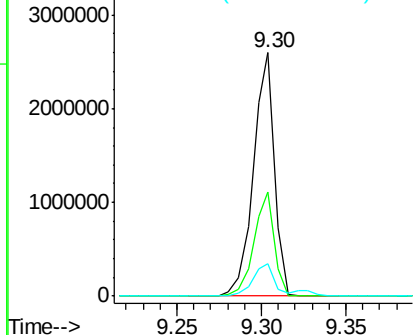


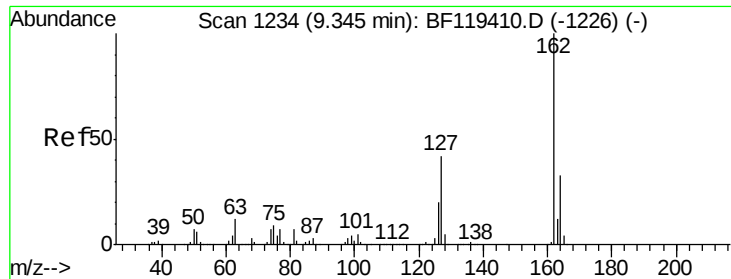
#46
1,1'-Biphenyl
Concen: 40.38 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:154 Resp: 2258505
Ion Ratio Lower Upper
154 100
153 42.9 21.4 61.4
76 13.3 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

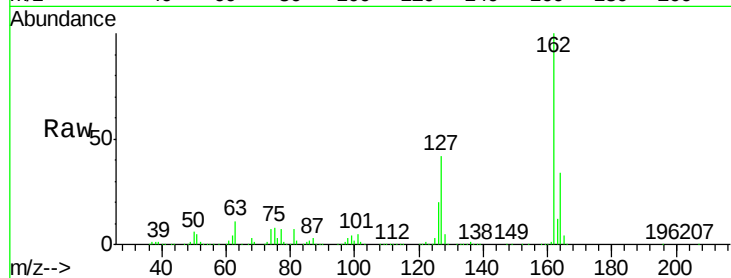




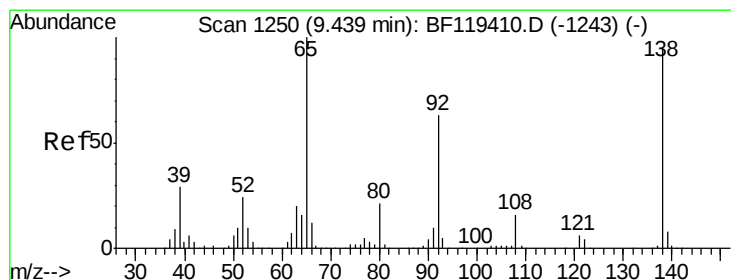
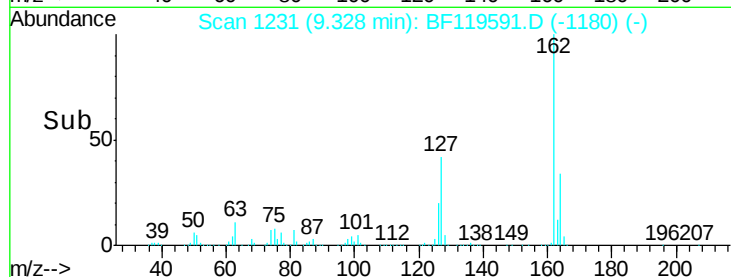
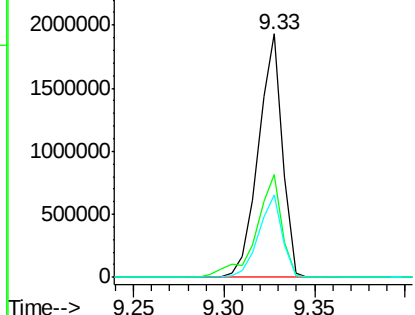
#47
 2-Chloronaphthalene
 Concen: 40.32 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 1766242
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.7 50.5
 164 33.9 26.3 39.5

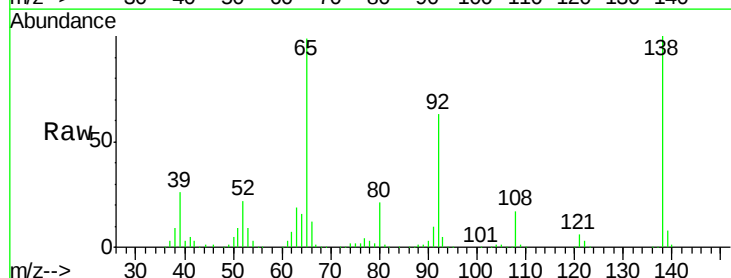


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

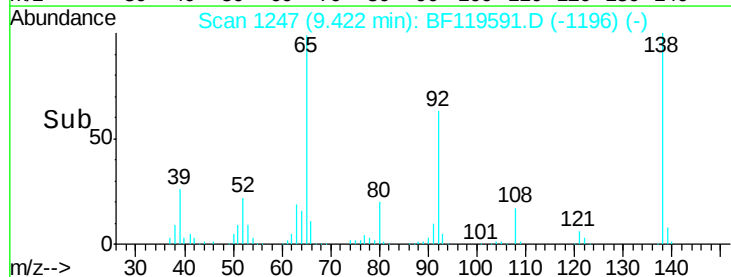
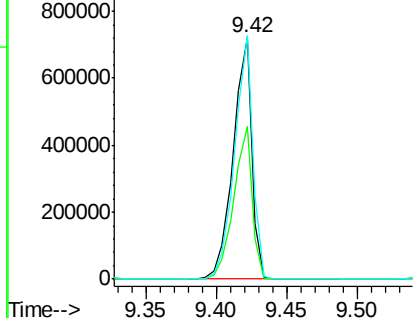


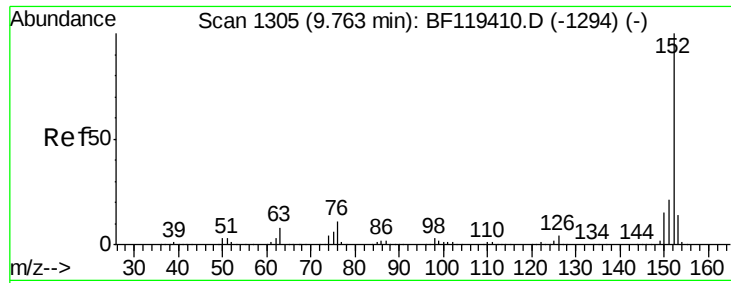
#48
 2-Nitroaniline
 Concen: 43.82 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion: 65 Resp: 662594
 Ion Ratio Lower Upper
 65 100
 92 63.3 50.0 75.0
 138 100.9 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: 39.40 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

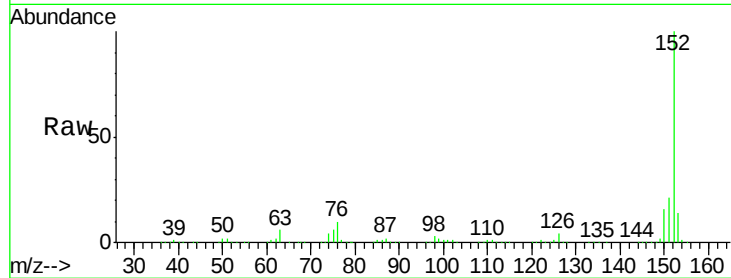
Tgt Ion:152 Resp: 2710690

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

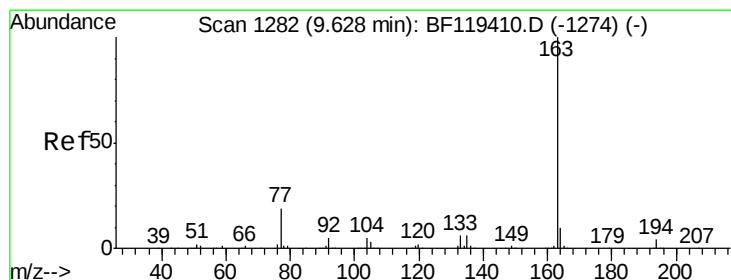
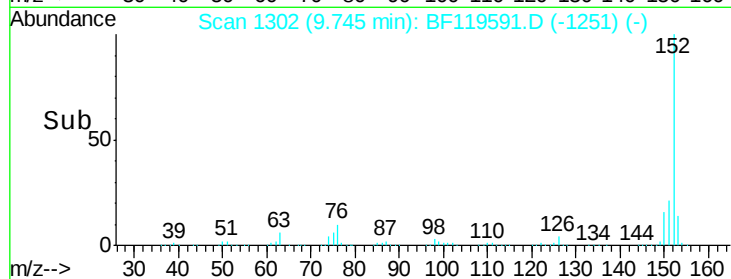
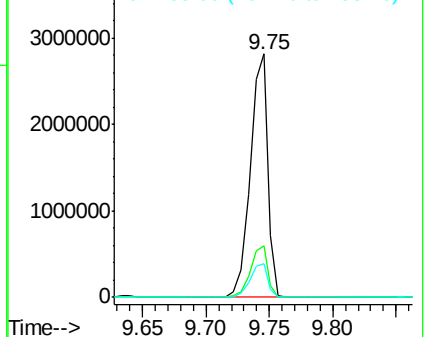
153 14.0 11.2 16.8



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: 41.53 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

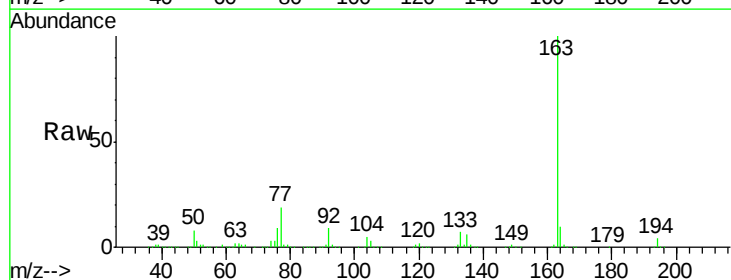
Tgt Ion:163 Resp: 2025622

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

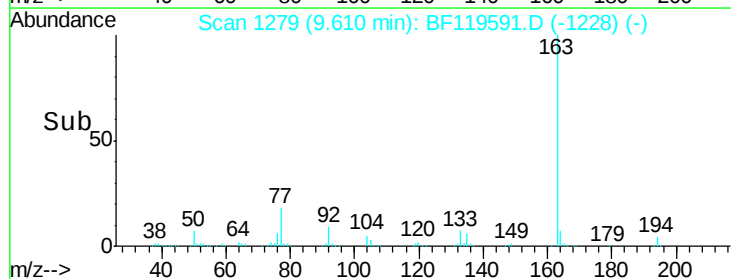
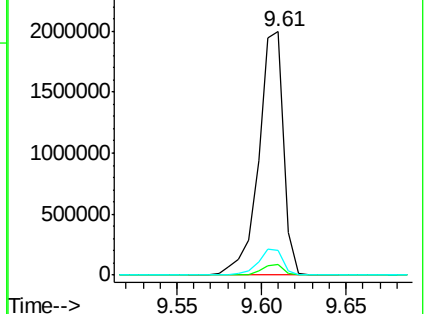
164 10.1 8.2 12.2

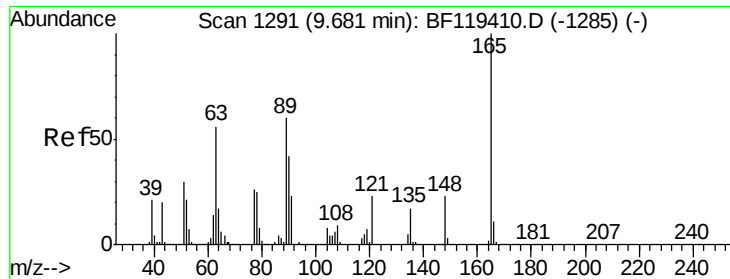


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

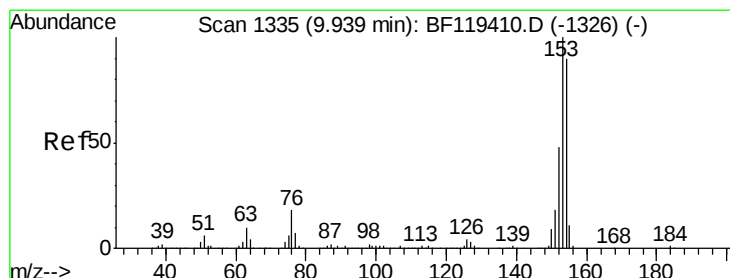
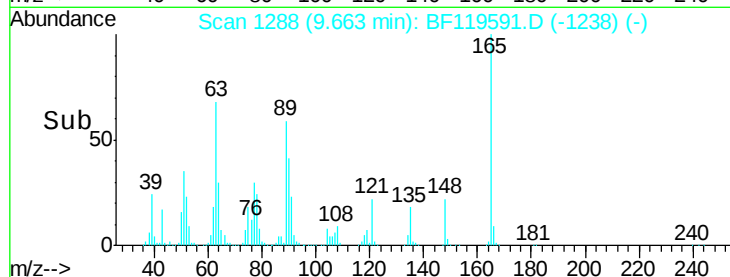
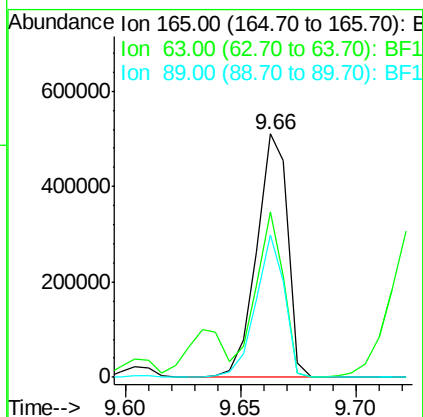
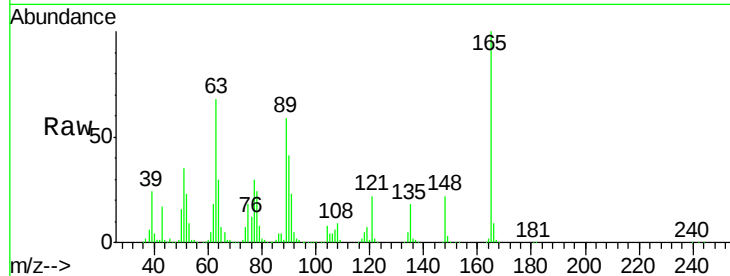




#51
 2,6-Dinitrotoluene
 Concen: 45.78 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

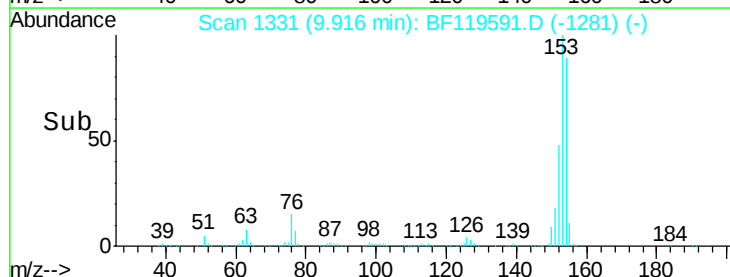
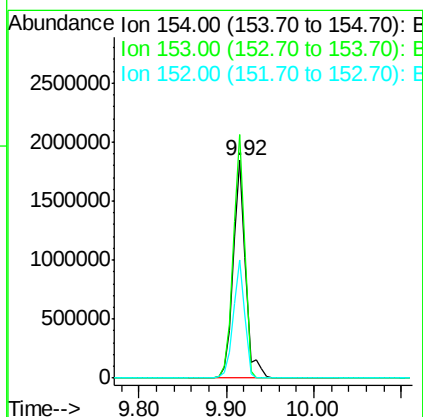
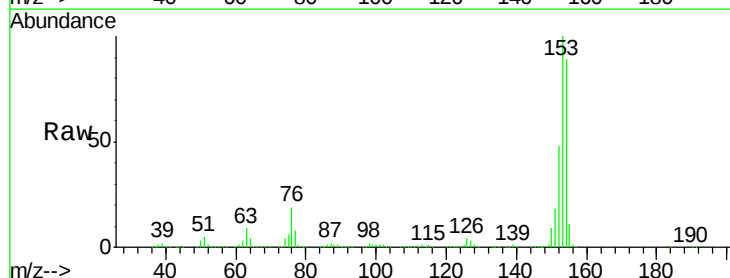
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:165 Resp: 478694
 Ion Ratio Lower Upper
 165 100
 63 68.1 45.0 67.4#
 89 58.6 41.5 62.3



#52
 Acenaphthene
 Concen: 40.97 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:154 Resp: 1757163
 Ion Ratio Lower Upper
 154 100
 153 111.9 88.1 132.1
 152 54.2 43.0 64.4

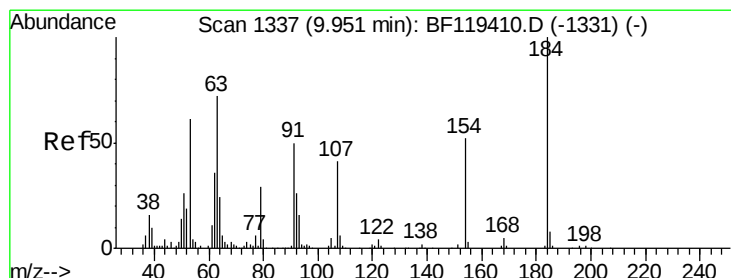
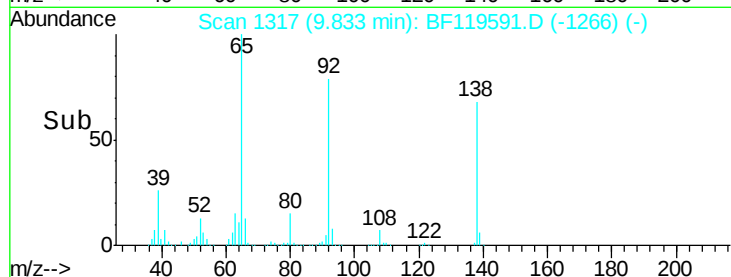
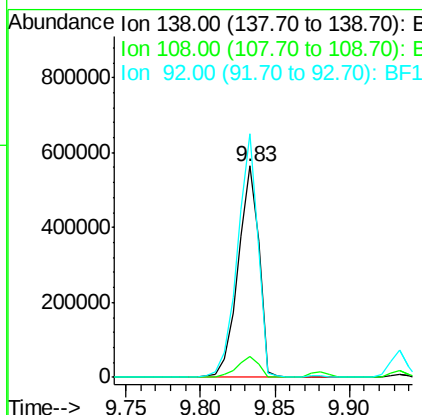
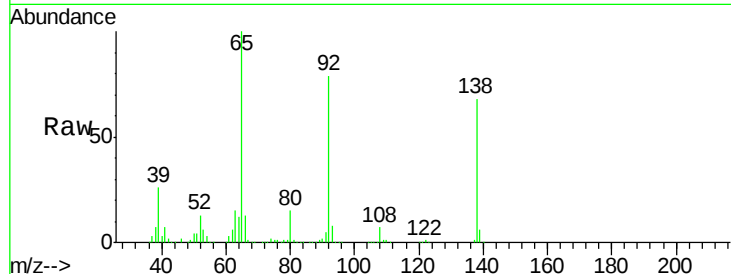




#53
3-Nitroaniline
Concen: 41.65 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

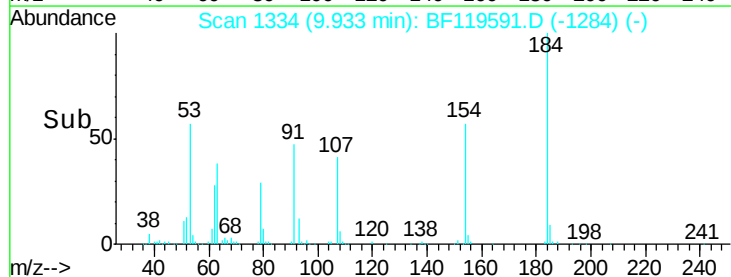
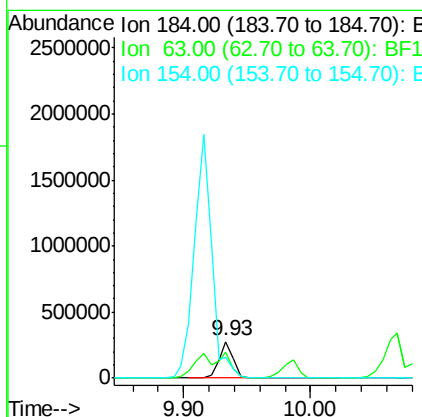
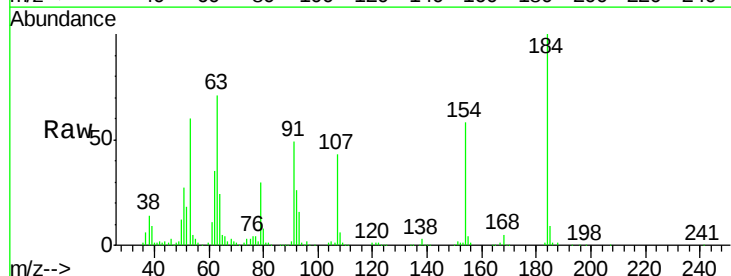
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

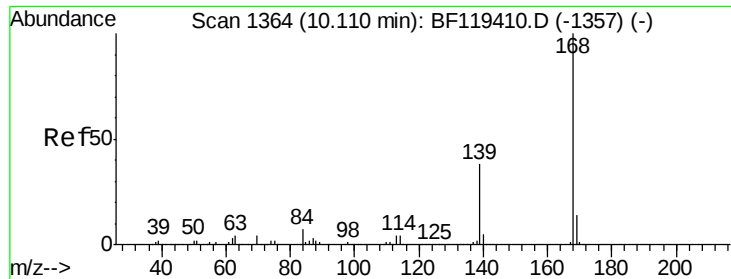
Tgt Ion:138 Resp: 549796
Ion Ratio Lower Upper
138 100
108 10.1 8.6 13.0
92 115.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 51.45 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:184 Resp: 219844
Ion Ratio Lower Upper
184 100
63 71.4 50.2 75.4
154 57.7 44.5 66.7

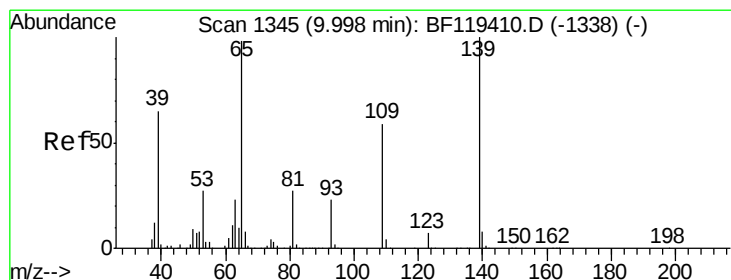
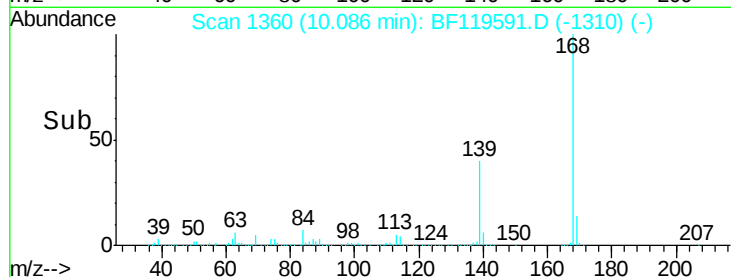
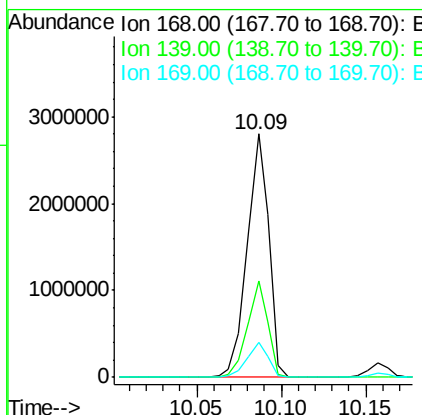
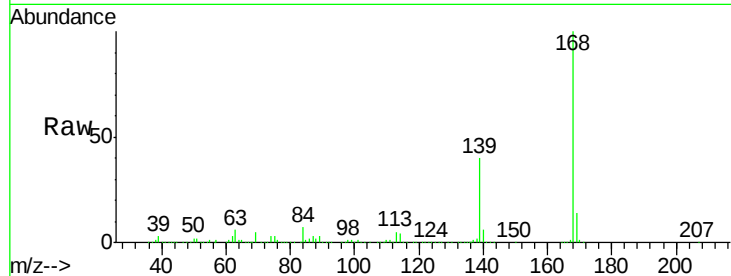




#55
Dibenzofuran
Concen: 40.83 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

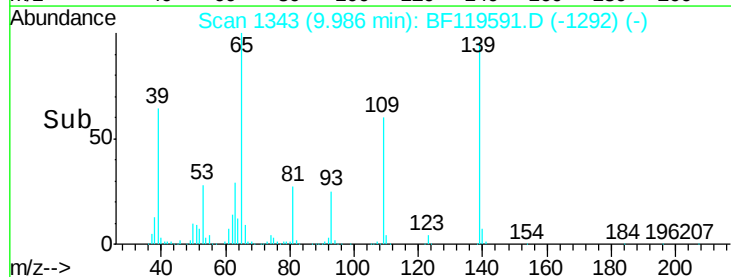
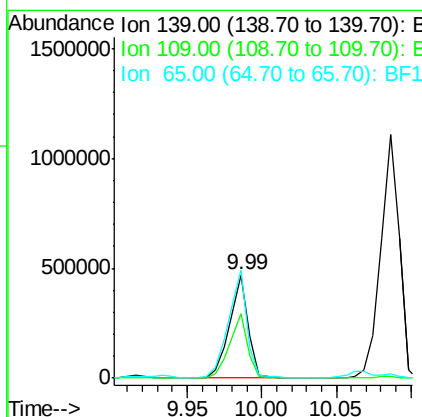
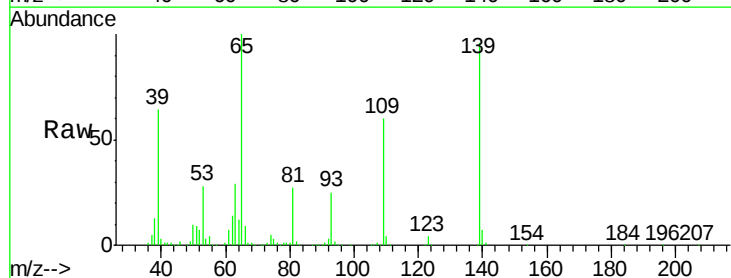
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

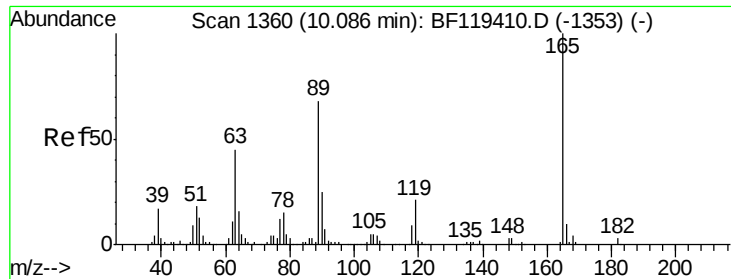
Tgt Ion:168 Resp: 2510965
Ion Ratio Lower Upper
168 100
139 39.6 30.1 45.1
169 14.5 11.0 16.6



#56
4-Nitrophenol
Concen: 40.55 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:139 Resp: 422209
Ion Ratio Lower Upper
139 100
109 62.2 43.3 83.3
65 104.1 91.0 131.0

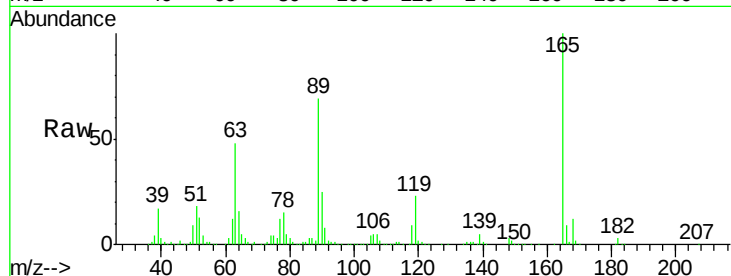




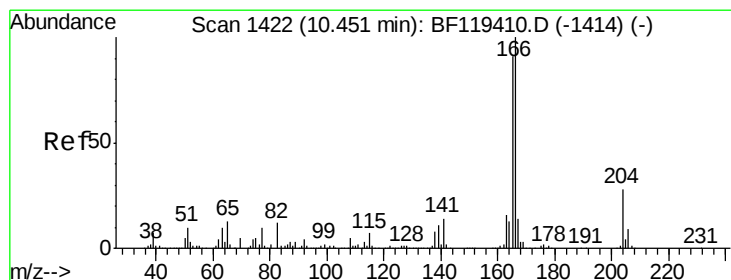
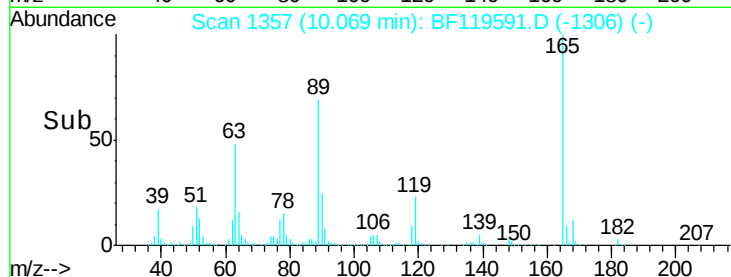
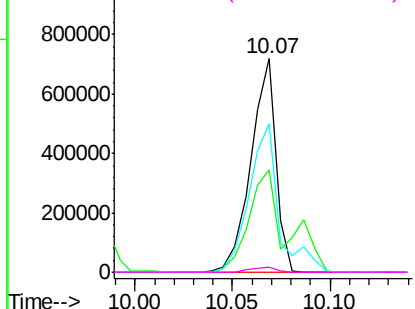
#57
2,4-Dinitrotoluene
Concen: 48.33 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 636535
Ion Ratio Lower Upper
165 100
63 47.7 42.6 64.0
89 69.2 61.0 91.4
182 2.5 2.2 3.2

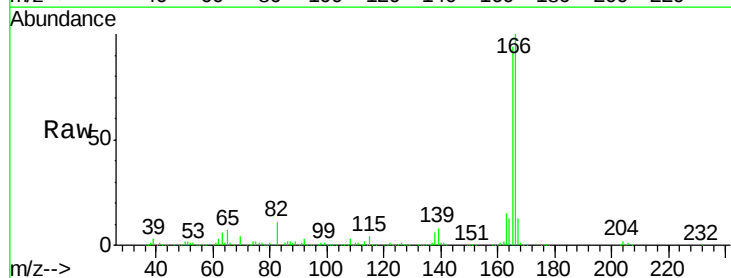


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

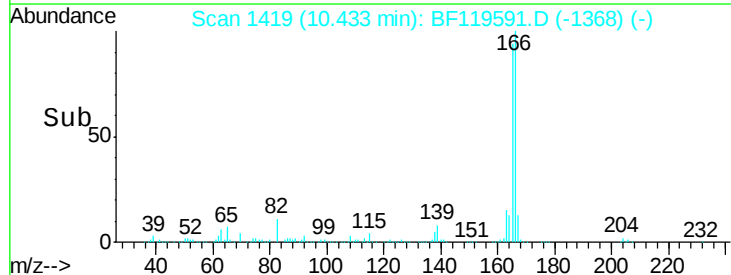
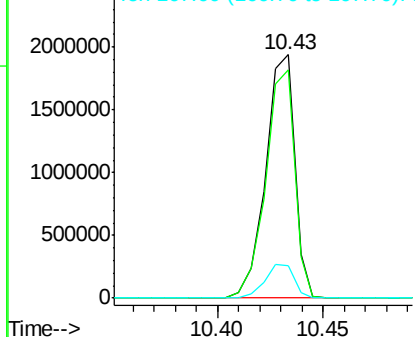


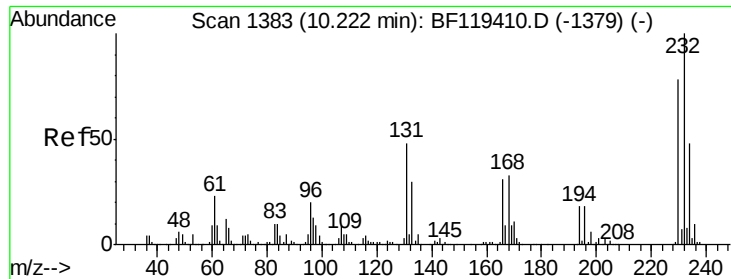
#58
Fluorene
Concen: 40.92 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:166 Resp: 1860842
Ion Ratio Lower Upper
166 100
165 93.6 75.4 113.2
167 13.4 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

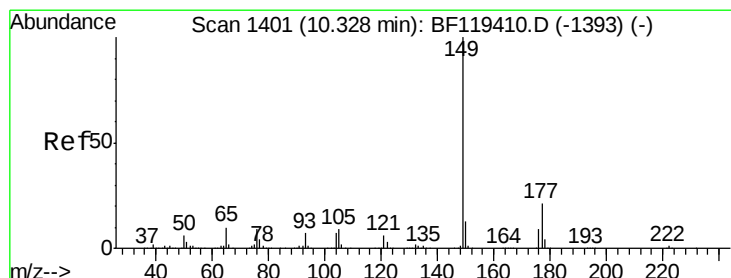
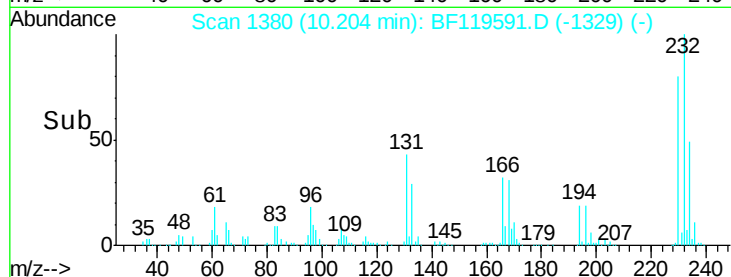
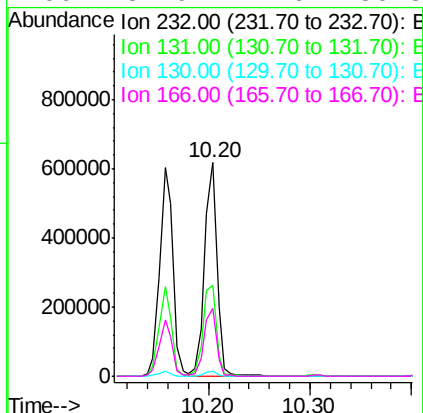
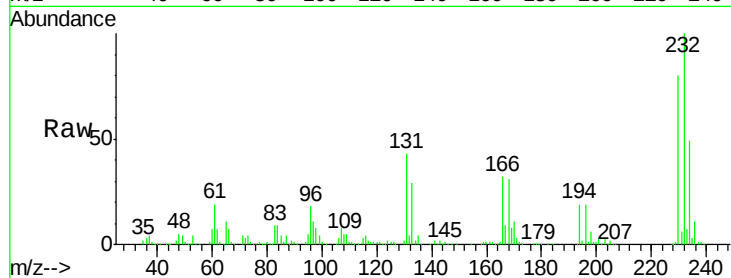




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.72 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

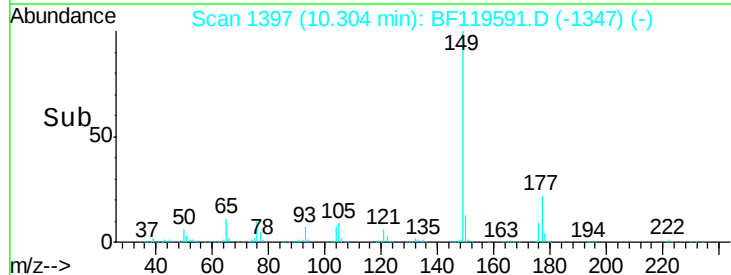
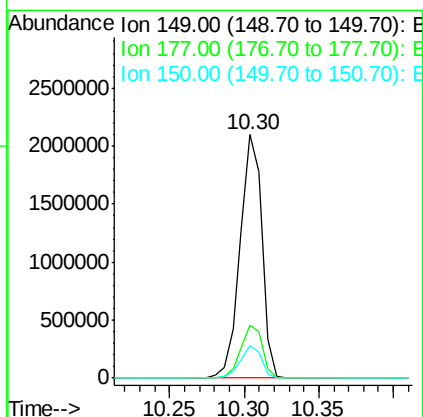
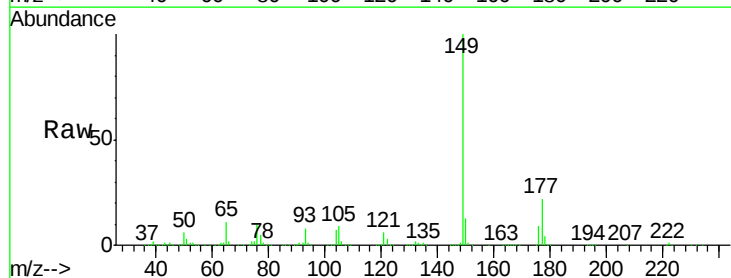
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

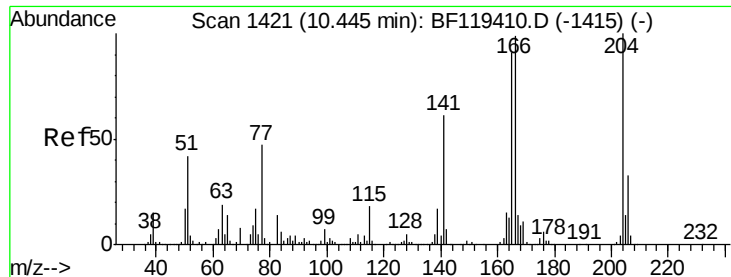
Tgt Ion:	232	Resp:	527325
Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.5	56.3
130	2.2	1.8	2.6
166	31.9	24.6	36.8



#60
 Diethylphthalate
 Concen: 43.04 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:	149	Resp:	2130832
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	13.2	10.1	15.1

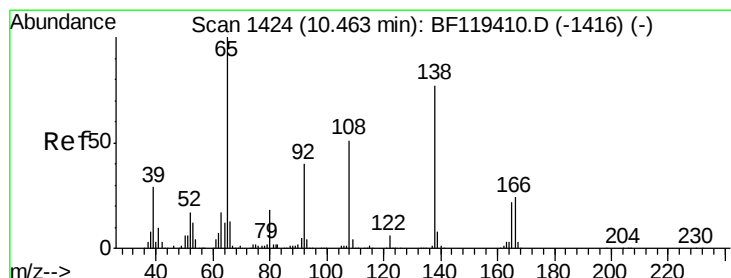
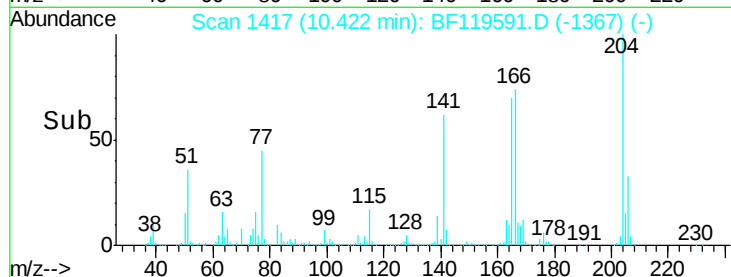
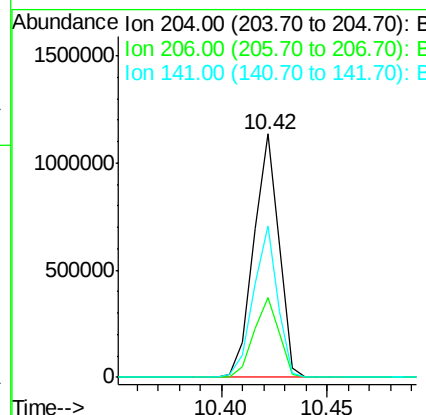
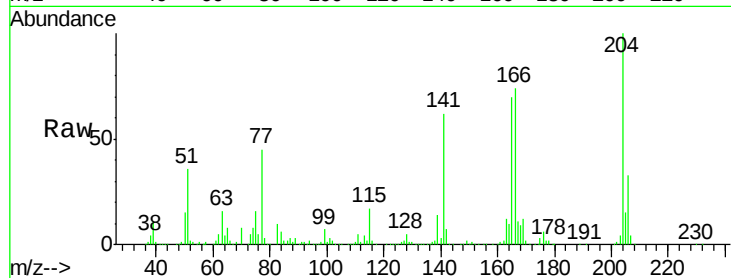




#61
4-Chlorophenyl-phenylether
Concen: 42.37 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

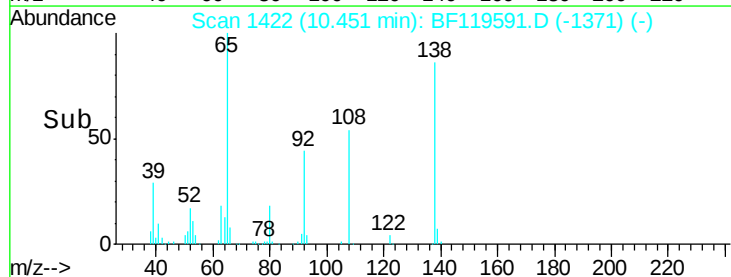
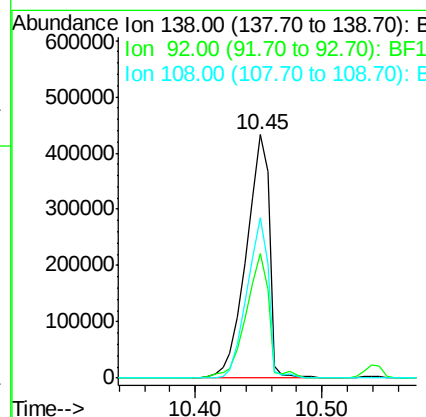
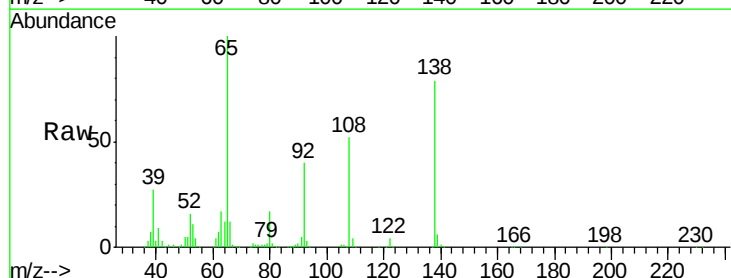
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

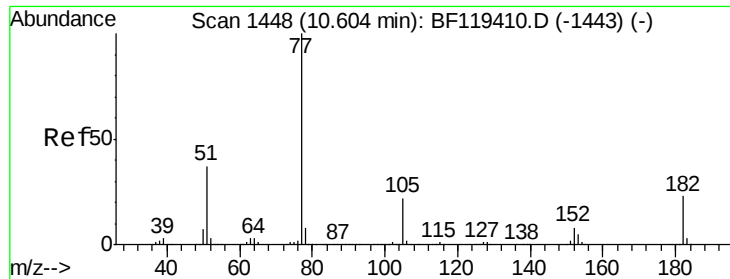
Tgt Ion: 204 Resp: 942286
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 62.2 47.3 70.9



#62
4-Nitroaniline
Concen: 43.23 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion: 138 Resp: 547141
Ion Ratio Lower Upper
138 100
92 51.2 31.5 71.5
108 66.0 45.8 85.8

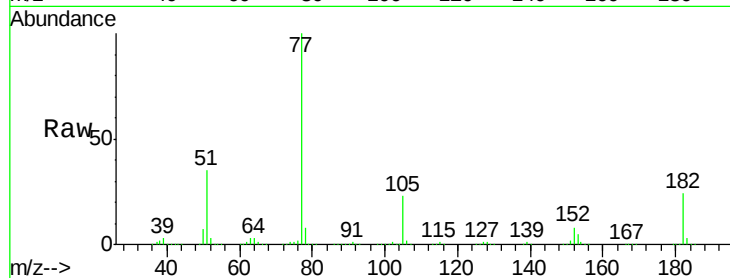




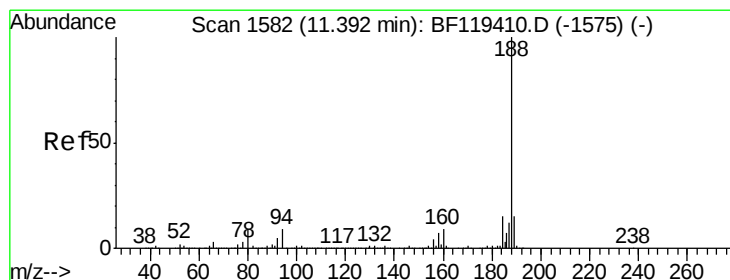
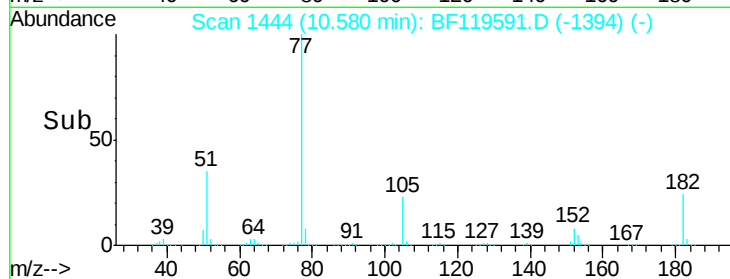
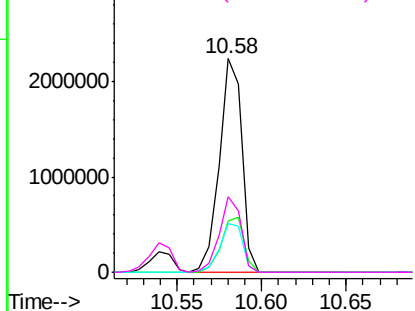
#63
Azobenzene
Concen: 41.72 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2080098
Ion Ratio Lower Upper
77 100
182 24.0 4.4 44.4
105 23.1 2.6 42.6
51 35.3 15.1 55.1

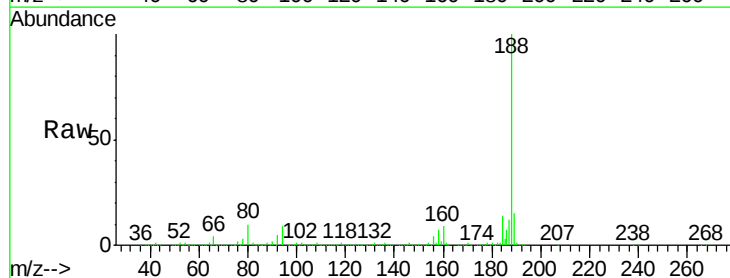


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

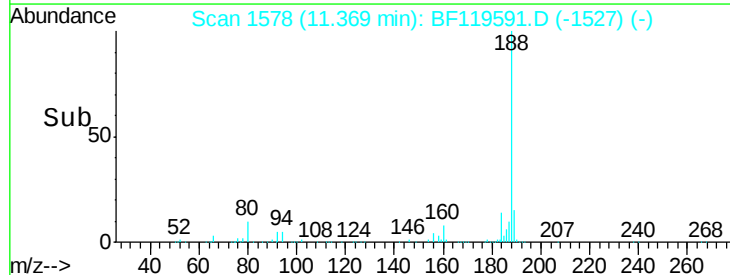
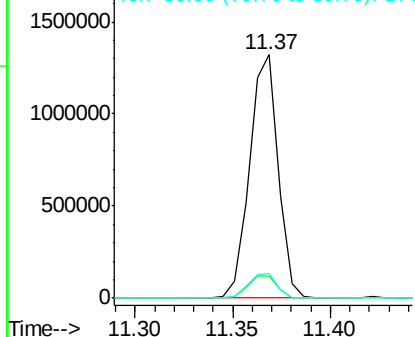


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion: 188 Resp: 1332191
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.0 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

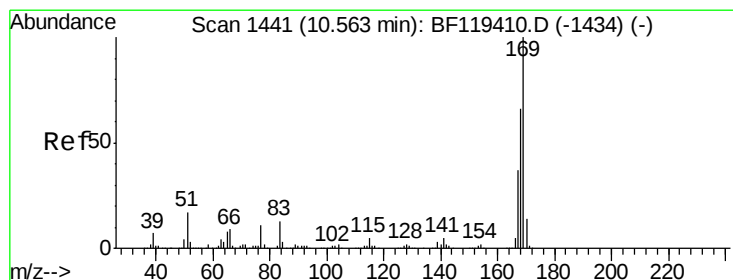
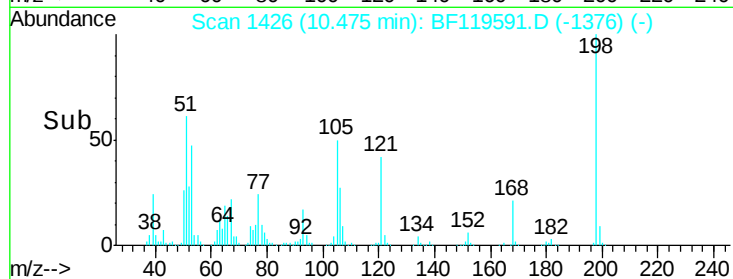
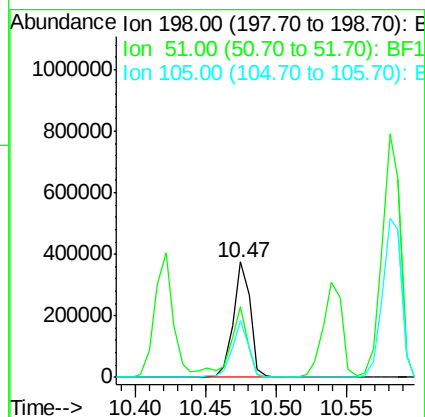
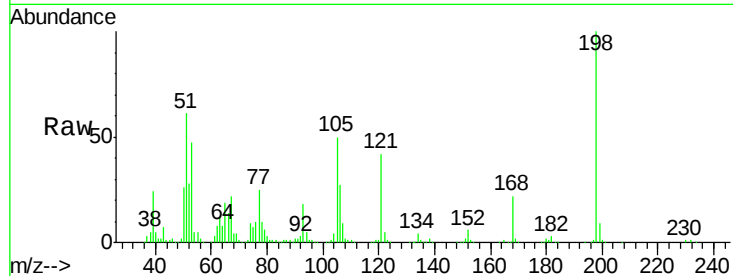




#65
4,6-Dinitro-2-methylphenol
Concen: 56.47 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

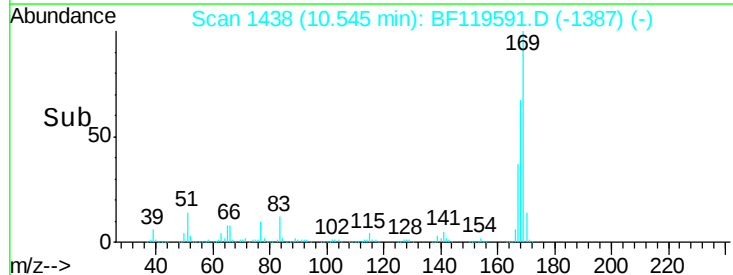
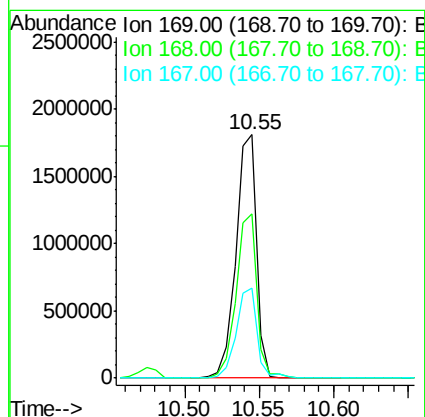
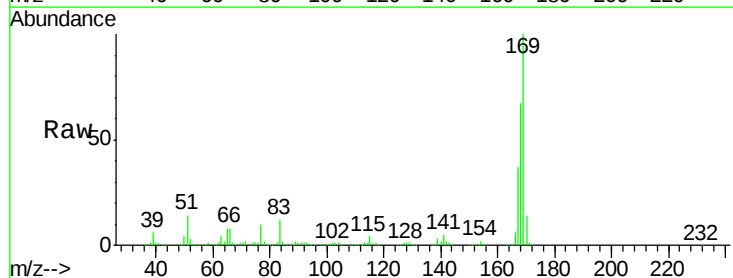
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

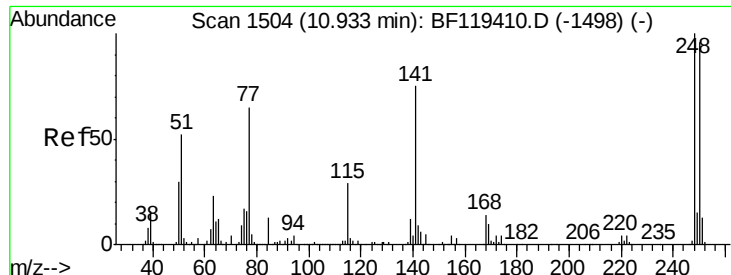
Tgt Ion:198 Resp: 315450
Ion Ratio Lower Upper
198 100
51 61.5 29.0 69.0
105 49.5 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 40.33 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:169 Resp: 1763938
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 37.0 29.1 43.7

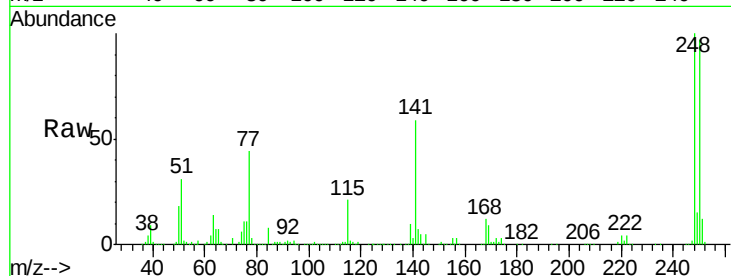




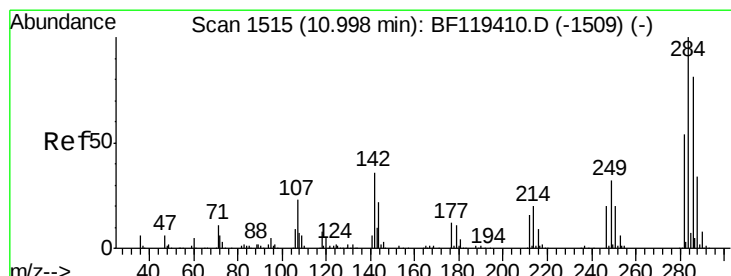
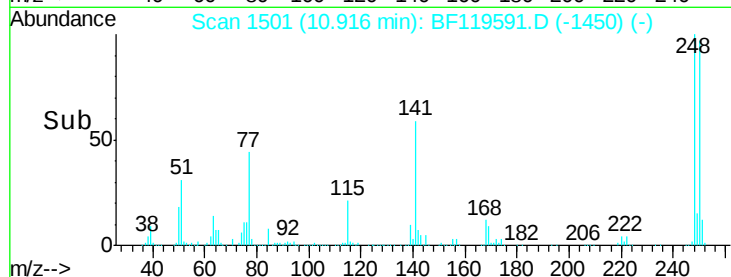
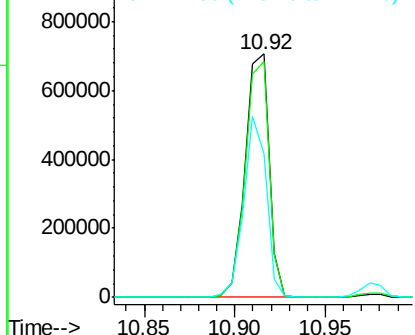
#67
 4-Bromophenyl-phenylether
 Concen: 42.83 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 649826
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.3 115.9
 141 59.2 58.6 87.8

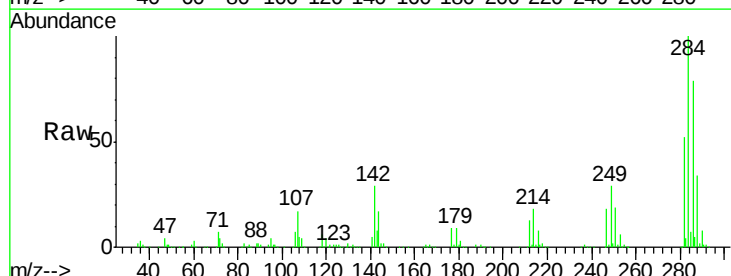


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

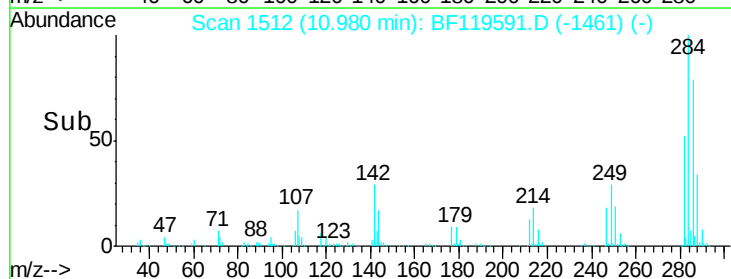
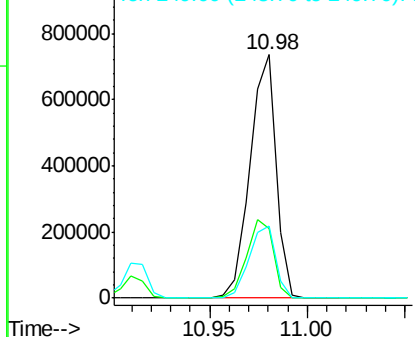


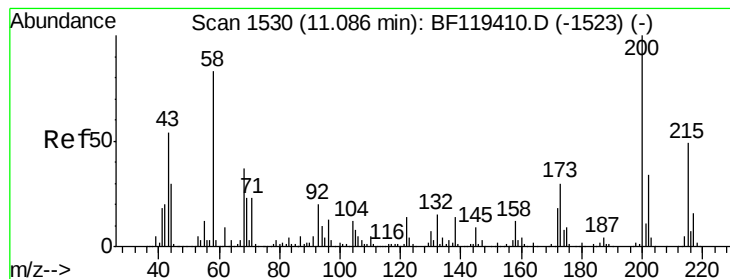
#68
 Hexachlorobenzene
 Concen: 43.79 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:284 Resp: 680004
 Ion Ratio Lower Upper
 284 100
 142 28.8 29.2 43.8#
 249 29.4 25.1 37.7



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





#69

Atrazine

Concen: 44.38 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

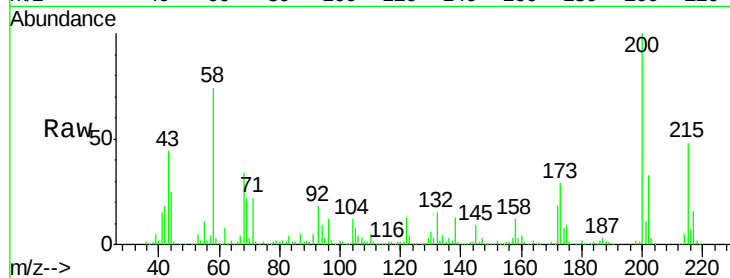
Tgt Ion:200 Resp: 532113

Ion Ratio Lower Upper

200 100

173 29.2 9.3 49.3

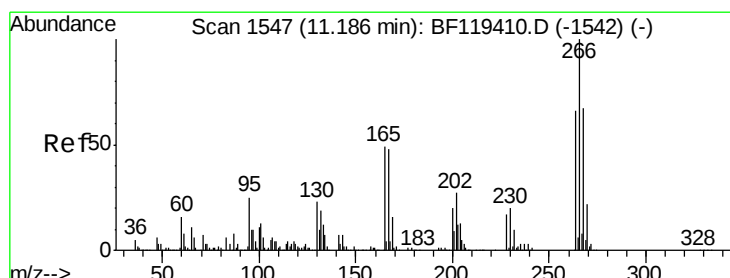
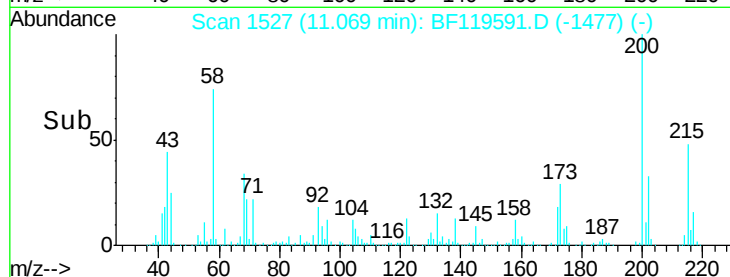
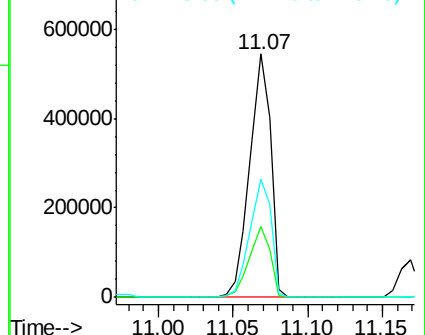
215 48.5 29.5 69.5



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: 44.53 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

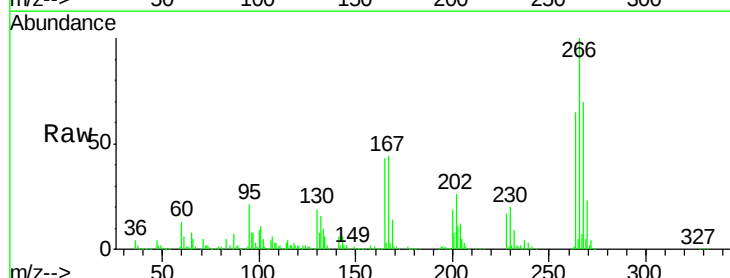
Tgt Ion:266 Resp: 405454

Ion Ratio Lower Upper

266 100

268 69.8 53.3 79.9

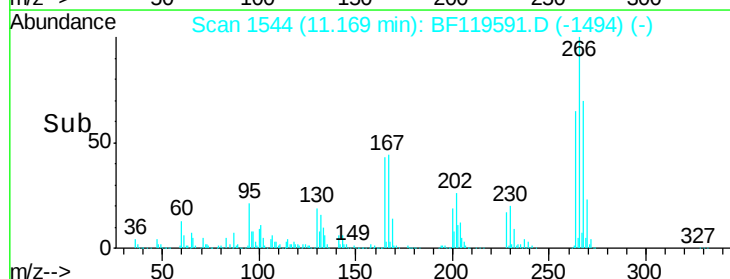
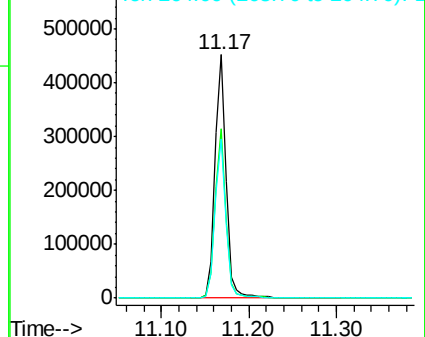
264 65.2 49.0 73.4

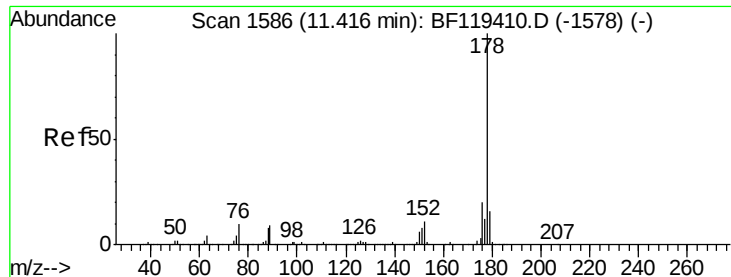


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.94 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

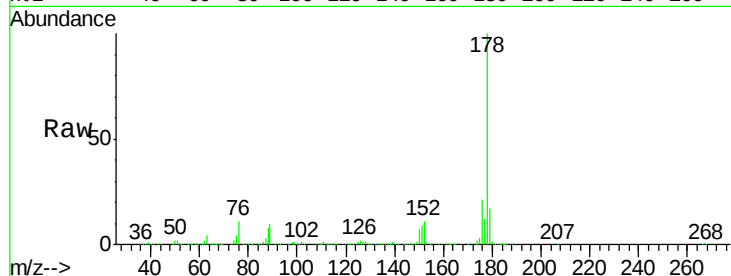
Tgt Ion:178 Resp: 2758846

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

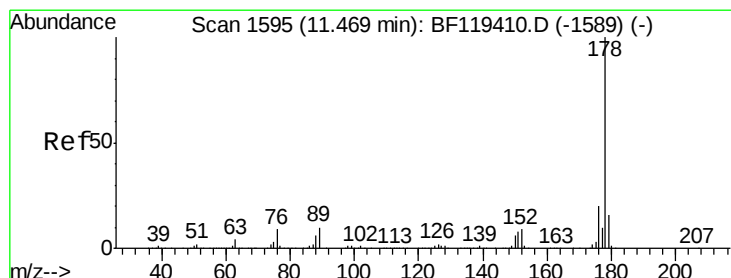
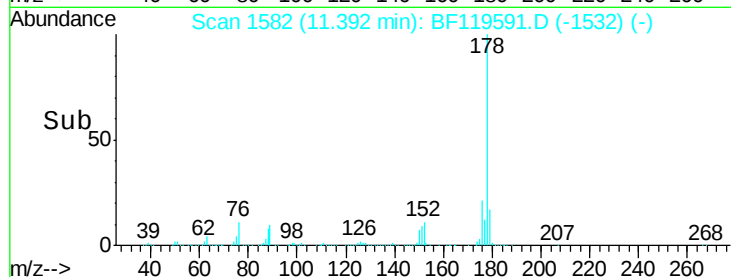
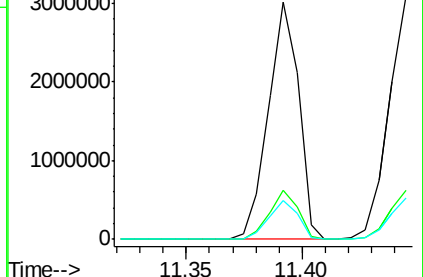
179 16.5 13.2 19.8



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: 39.77 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

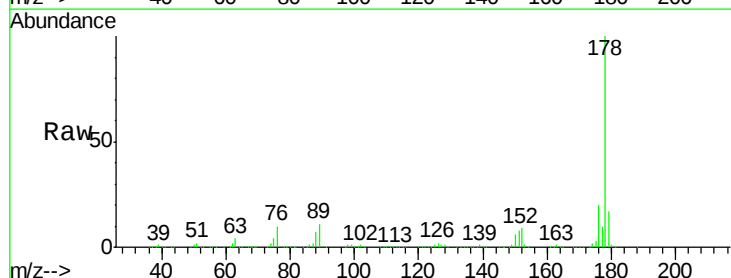
Tgt Ion:178 Resp: 2792165

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

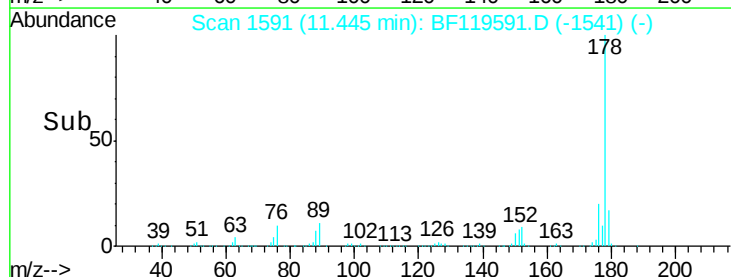
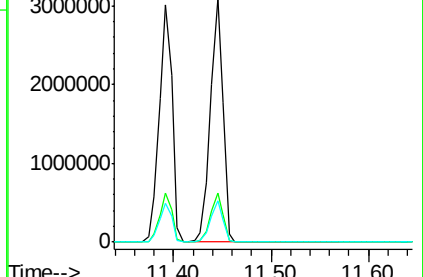
179 16.9 13.0 19.4

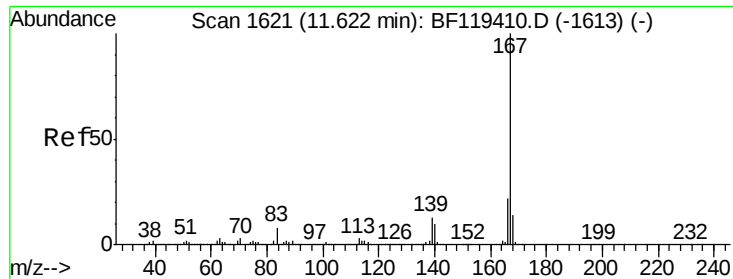


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

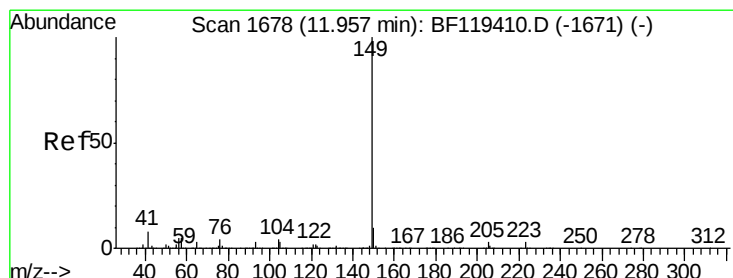
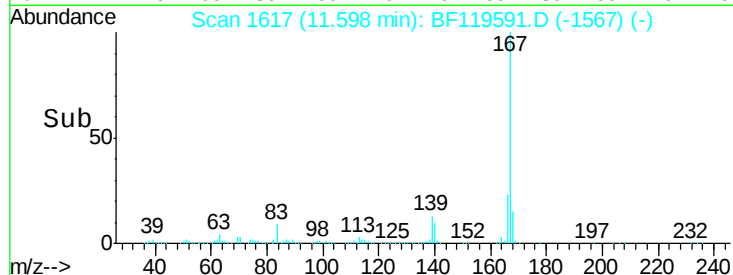
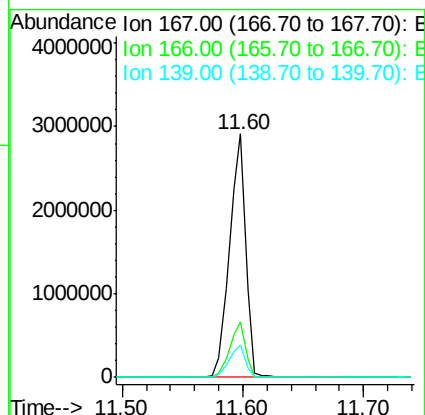
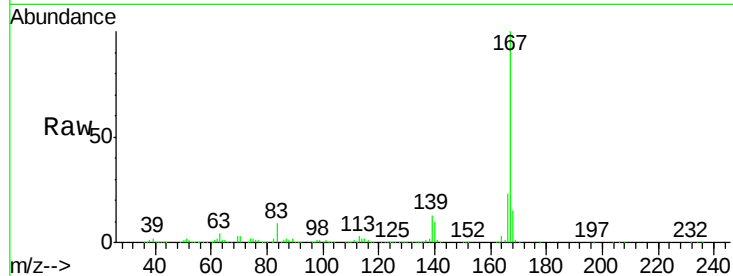




#73
 Carbazole
 Concen: 38.97 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

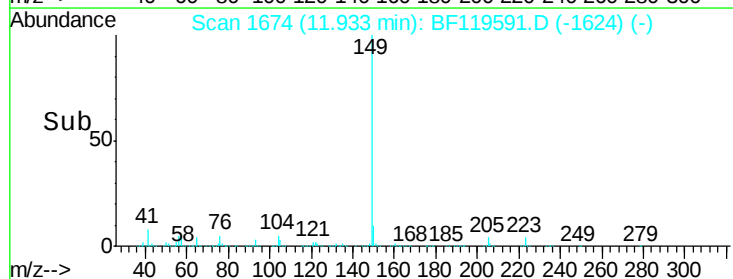
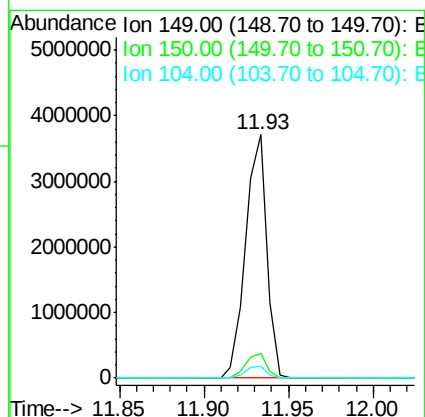
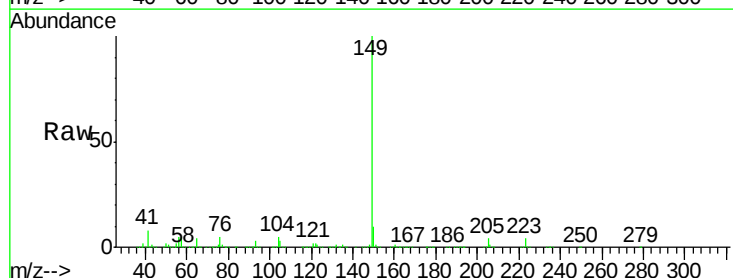
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

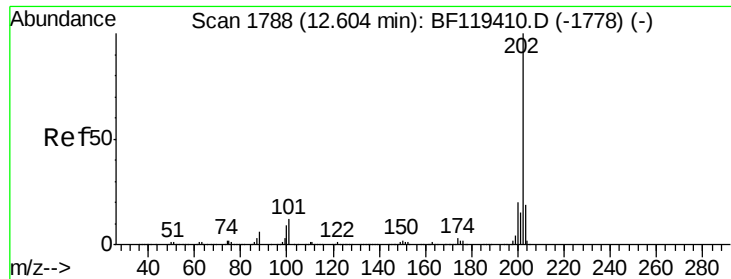
Tgt Ion:167 Resp: 2707859
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 43.80 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Tgt Ion:149 Resp: 3255692
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.8 11.8
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 38.74 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

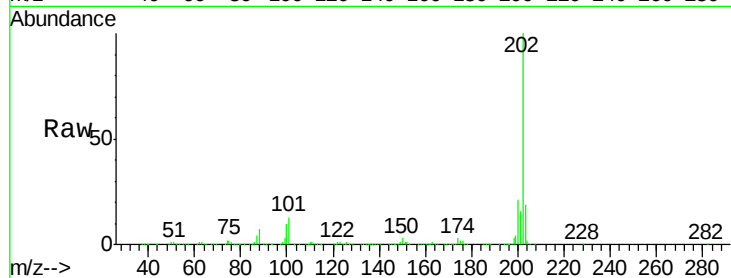
Tgt Ion:202 Resp: 2895767

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.2

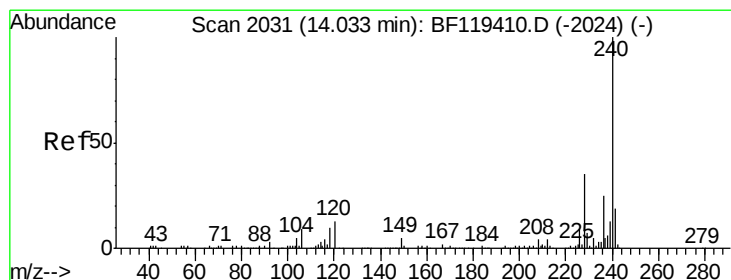
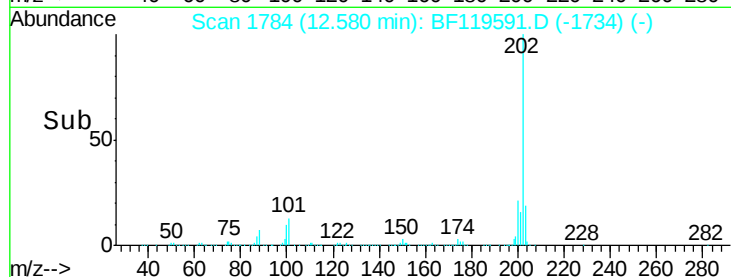
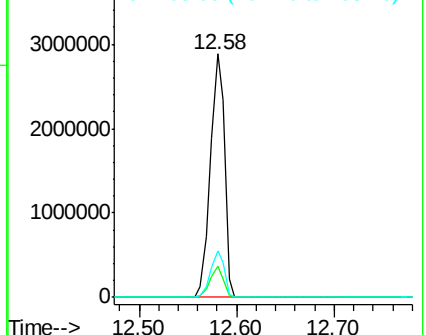
203 19.1 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

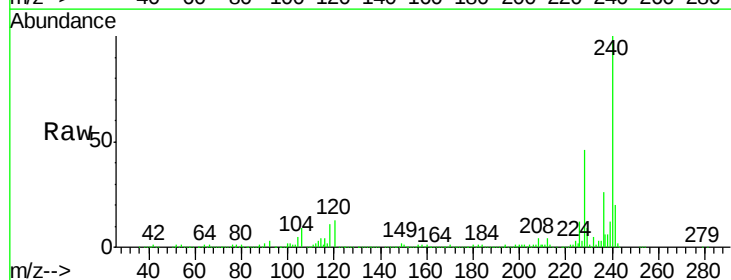
Tgt Ion:240 Resp: 866056

Ion Ratio Lower Upper

240 100

120 12.5 10.6 15.8

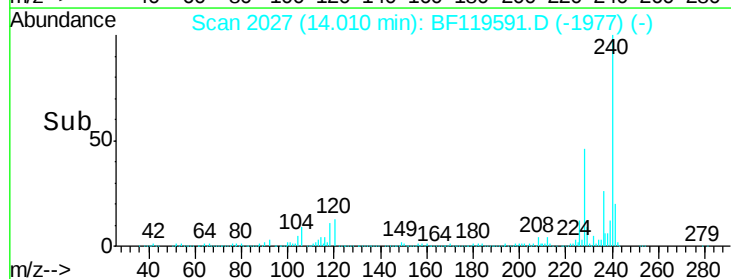
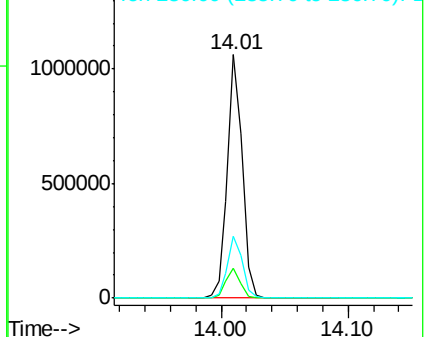
236 25.6 20.2 30.2

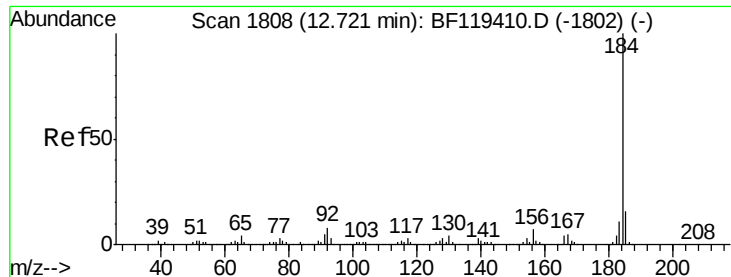


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.81 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

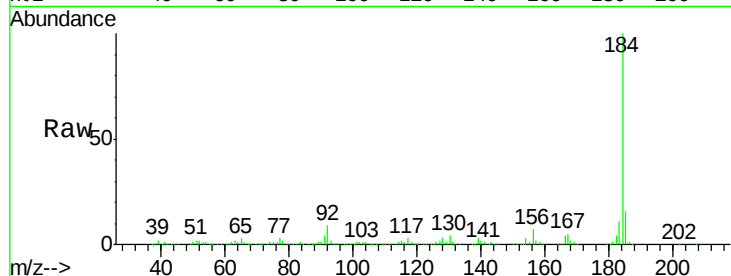
Tgt Ion:184 Resp: 1312342

Ion Ratio Lower Upper

184 100

185 15.8 12.3 18.5

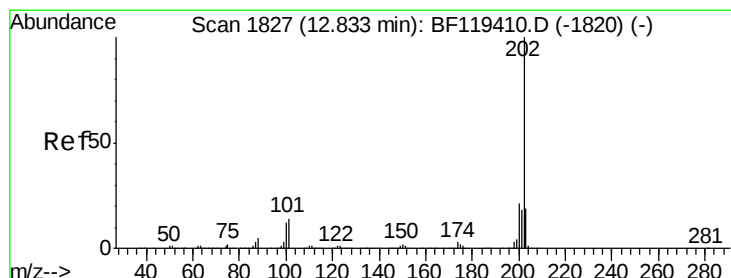
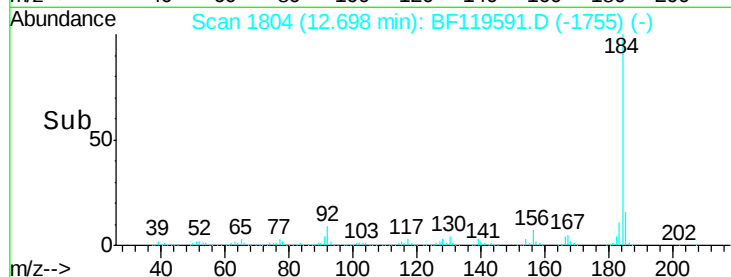
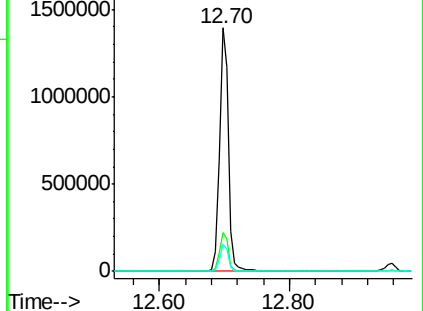
183 11.2 9.0 13.6



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: 41.80 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

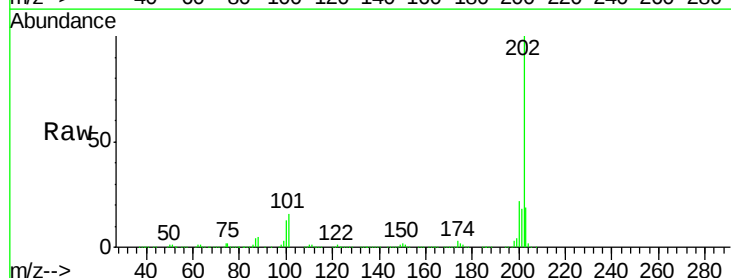
Tgt Ion:202 Resp: 2971055

Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

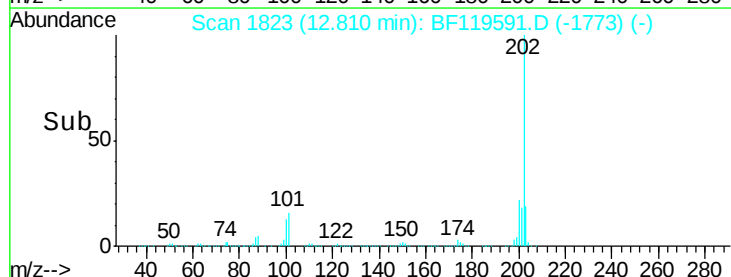
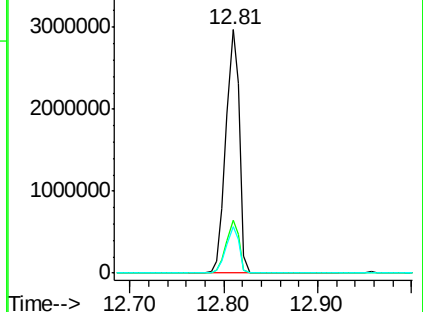
203 19.2 15.1 22.7



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: 88.41 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

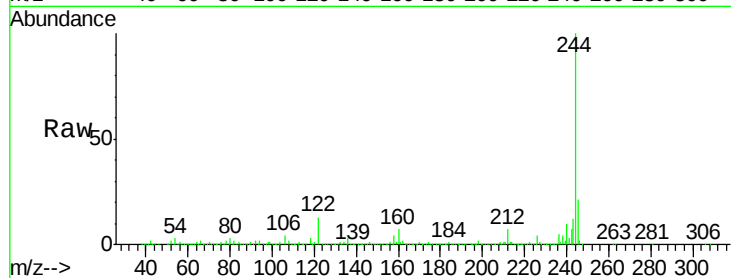
Tgt Ion:244 Resp: 3908082

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

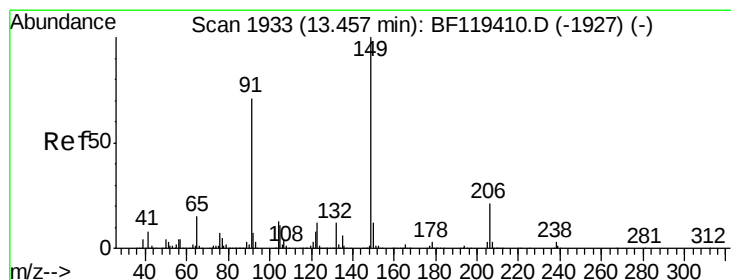
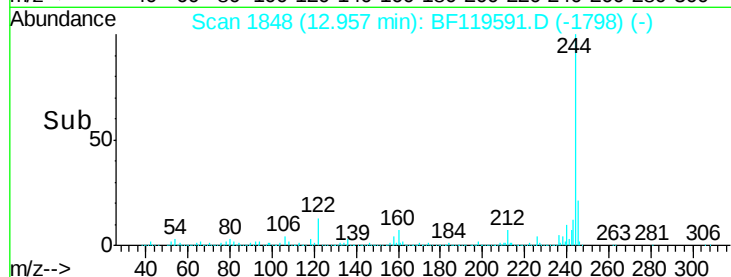
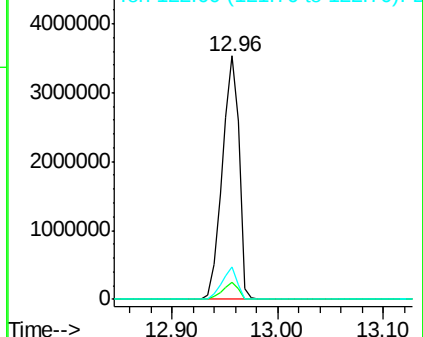
122 13.3 10.3 15.5



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: 49.28 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

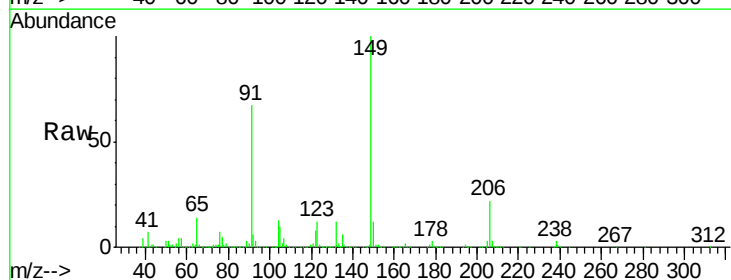
Tgt Ion:149 Resp: 1416751

Ion Ratio Lower Upper

149 100

91 67.1 54.7 82.1

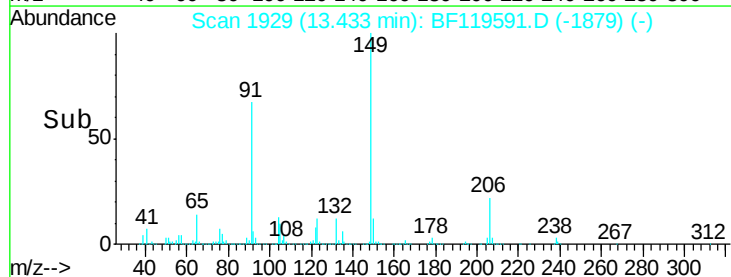
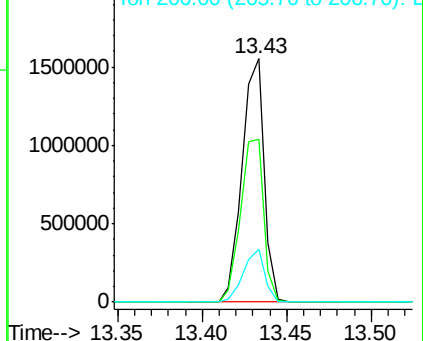
206 21.6 16.2 24.2

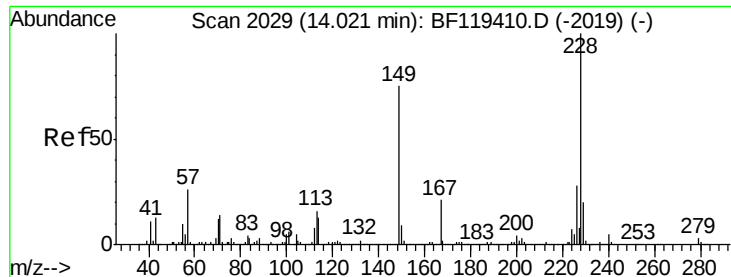


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.04 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

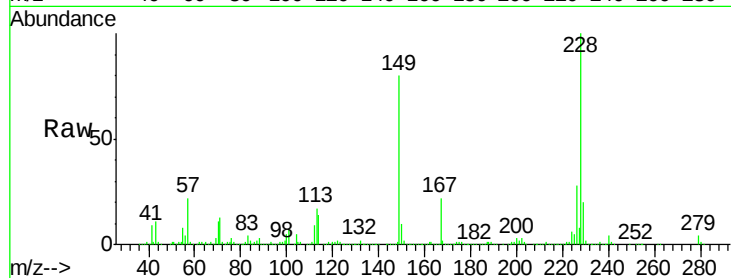
Tgt Ion:228 Resp: 2198440

Ion Ratio Lower Upper

228 100

226 28.4 21.8 32.8

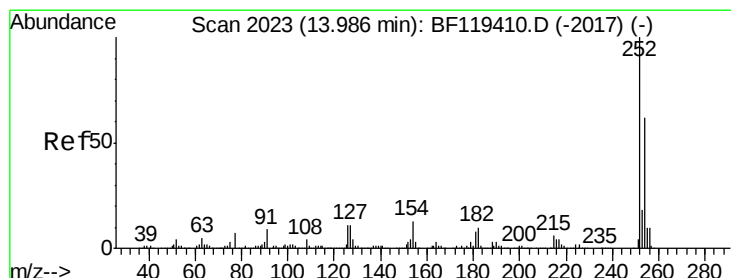
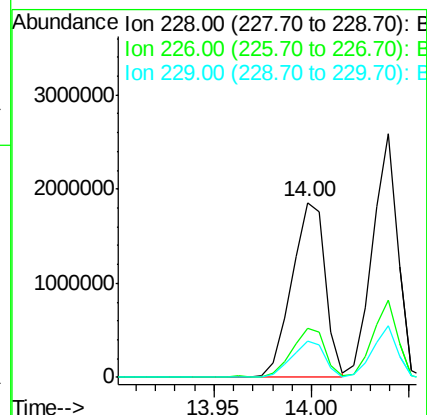
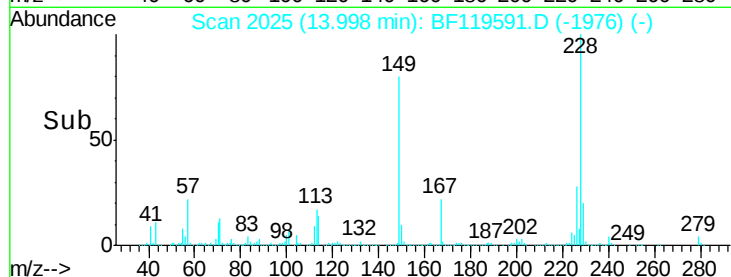
229 20.5 16.2 24.4



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: 39.08 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

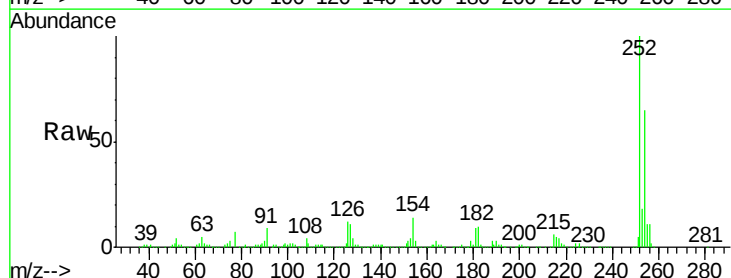
Tgt Ion:252 Resp: 867707

Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

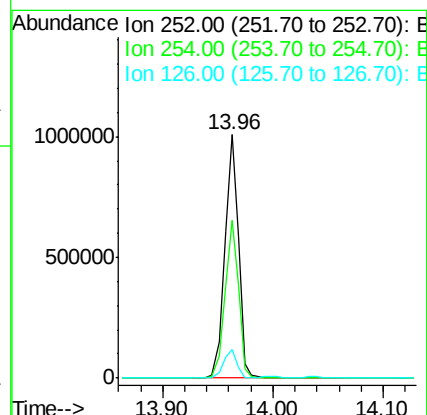
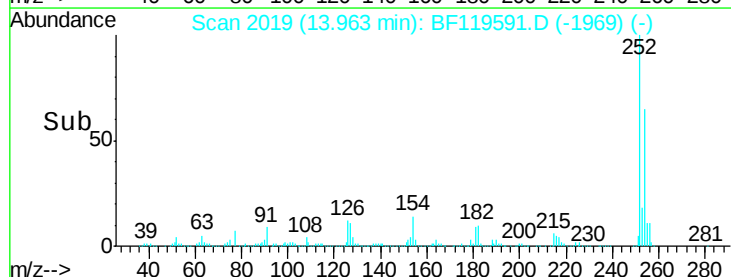
126 11.6 9.6 14.4

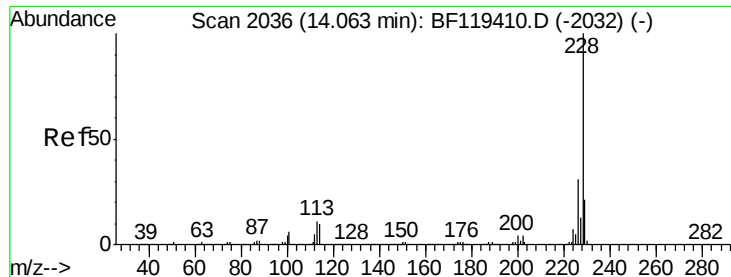


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.74 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

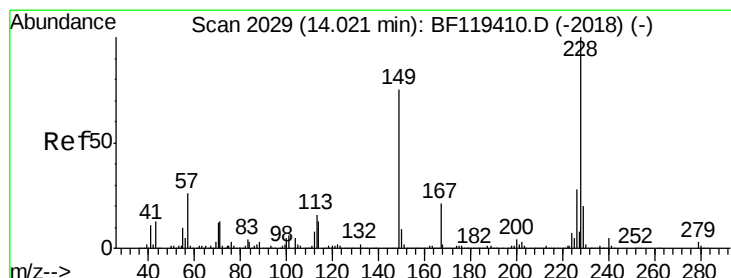
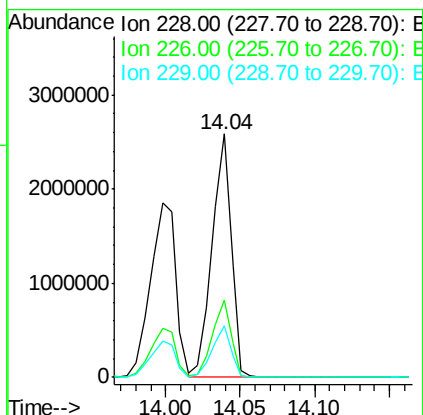
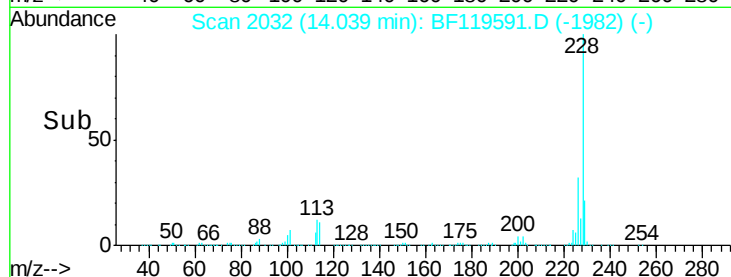
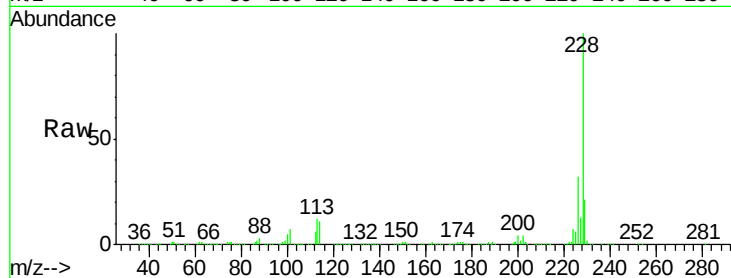
Tgt Ion:228 Resp: 2309822

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

229 21.2 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.23 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

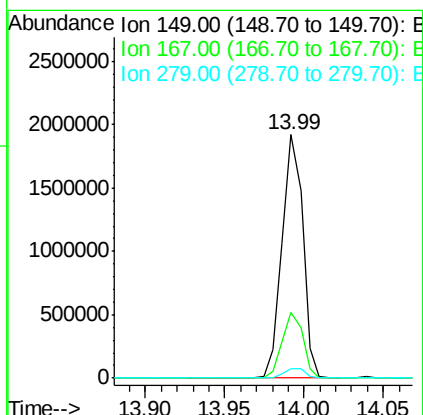
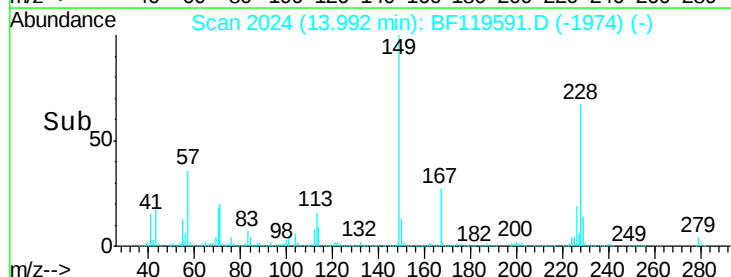
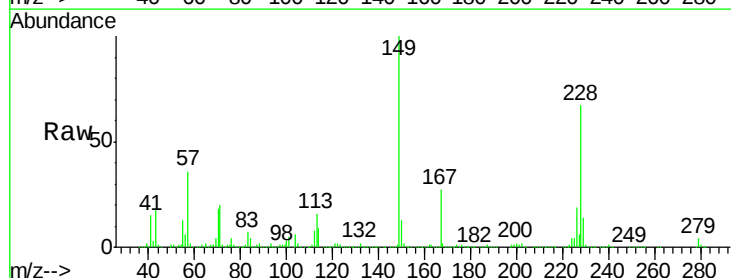
Tgt Ion:149 Resp: 1755525

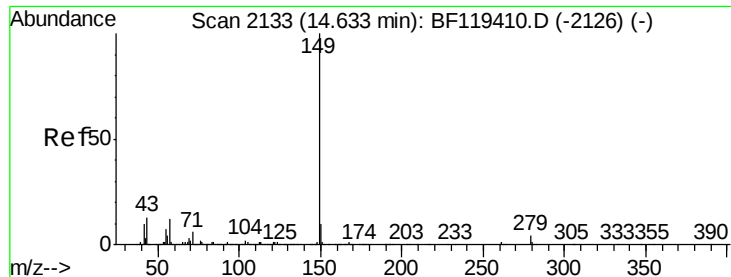
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.7 2.7 4.1

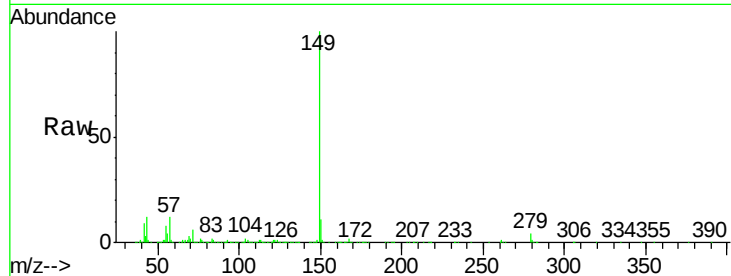




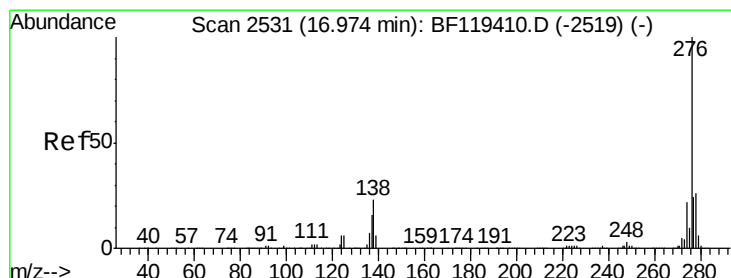
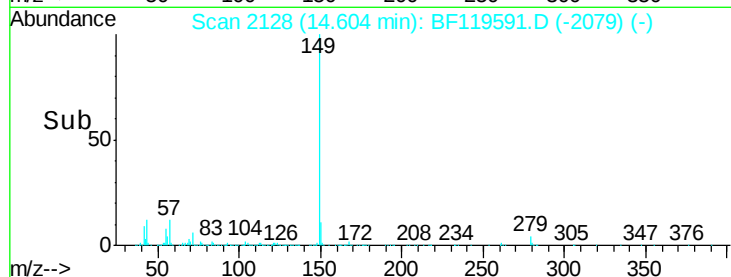
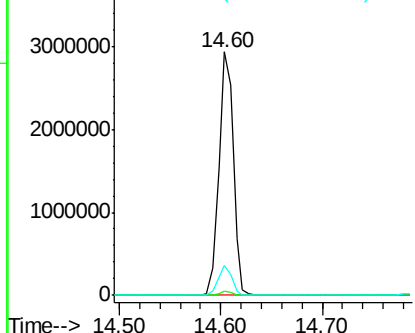
#85
Di-n-octyl phthalate
Concen: 48.06 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2896688
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9

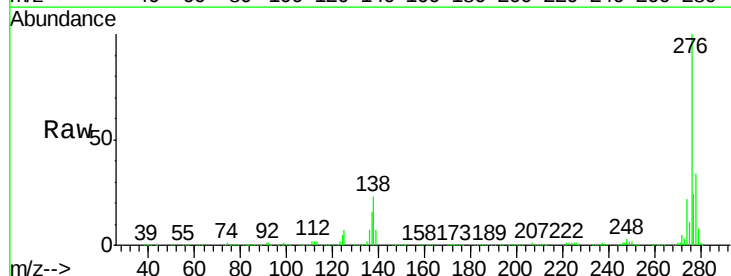


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

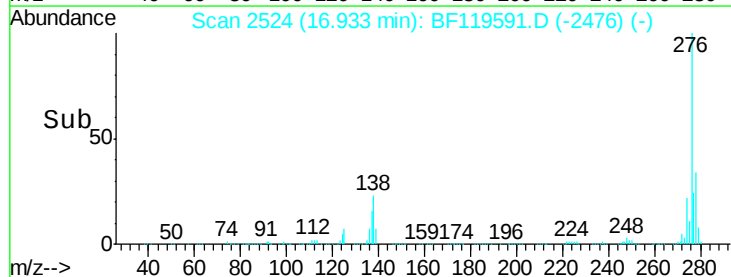
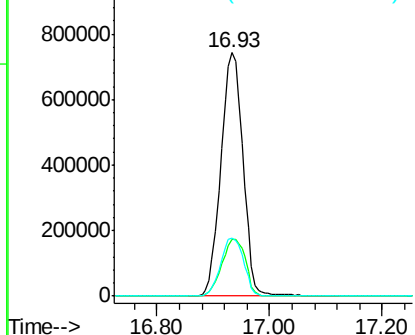


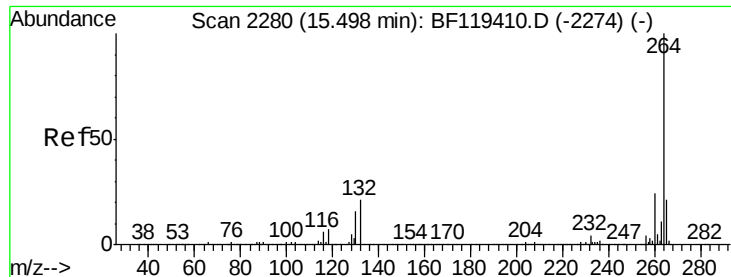
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.11 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:276 Resp: 2031402
Ion Ratio Lower Upper
276 100
138 25.3 19.6 29.4
277 25.0 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



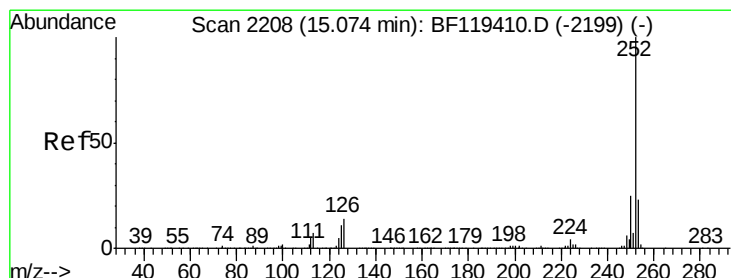
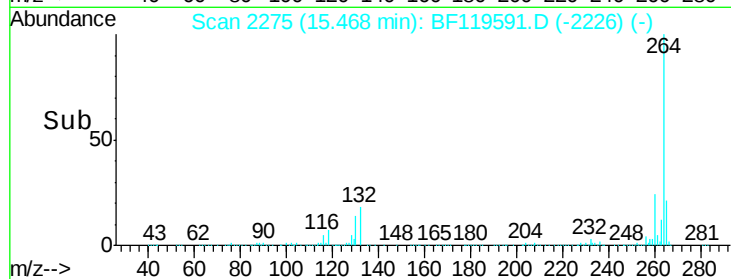
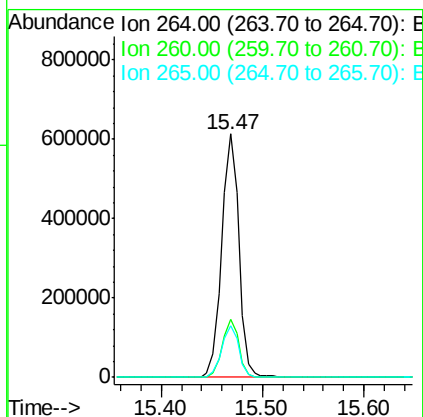
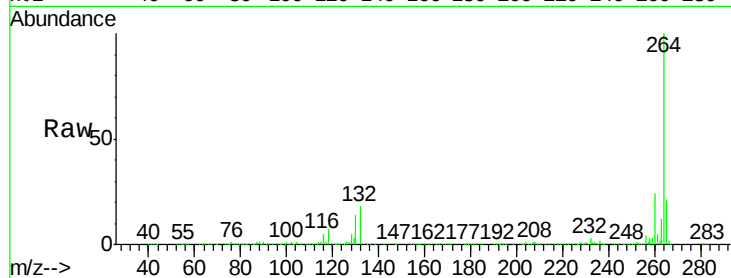


#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 264 Resp: 722812

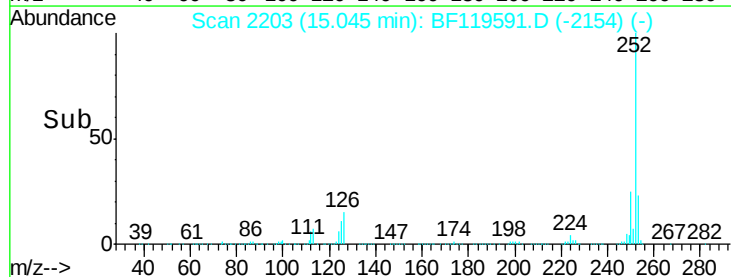
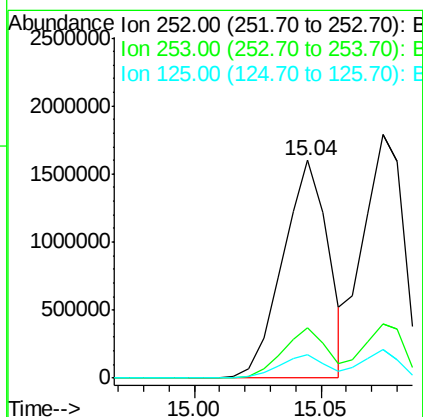
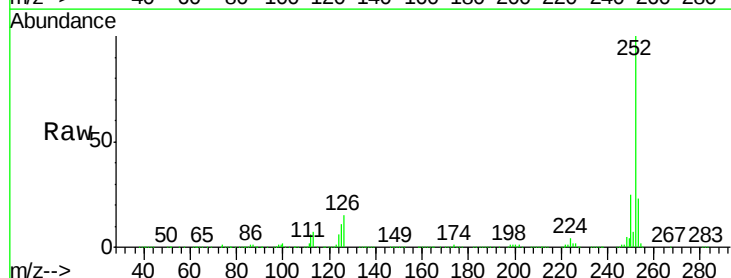
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.2	17.7	26.5

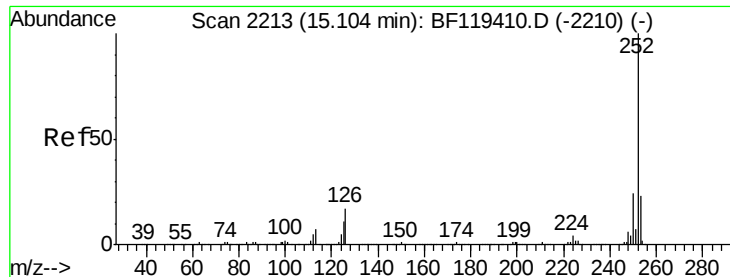


#88
Benzo(b)fluoranthene
Concen: 41.41 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion: 252 Resp: 1999615

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.9	7.9	11.9

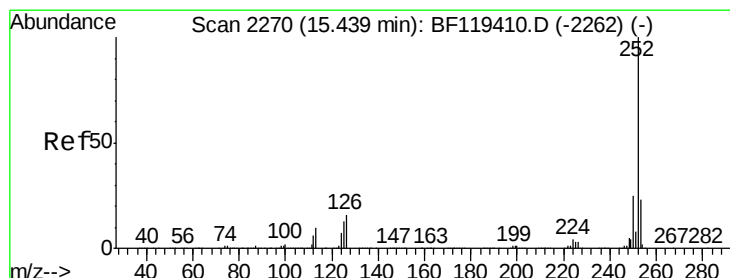
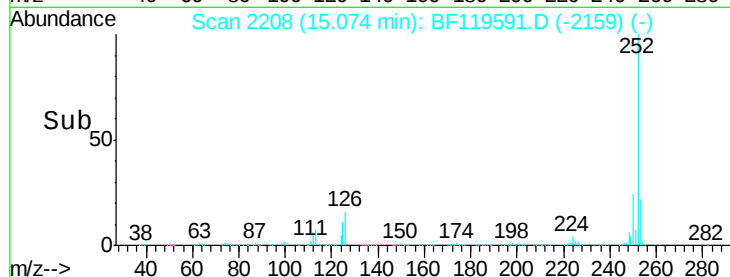
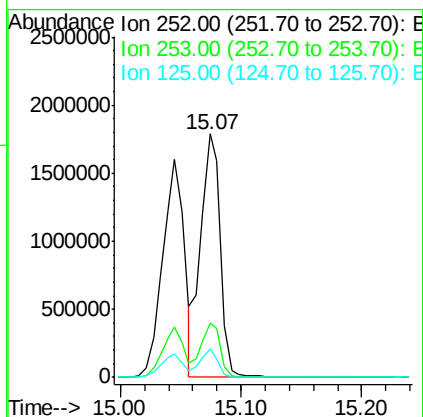
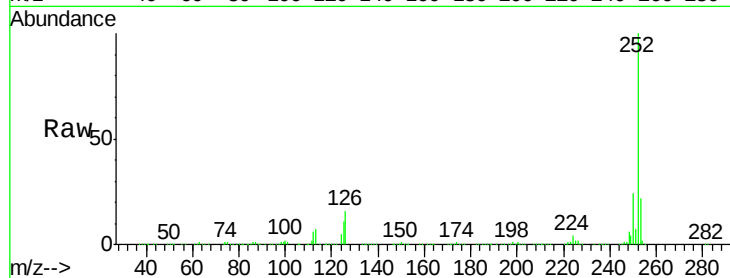




#89
Benzo(k)fluoranthene
Concen: 43.70 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

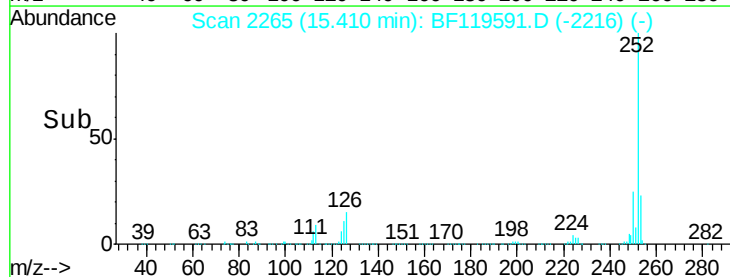
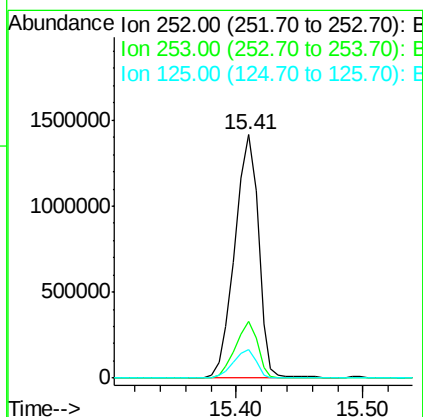
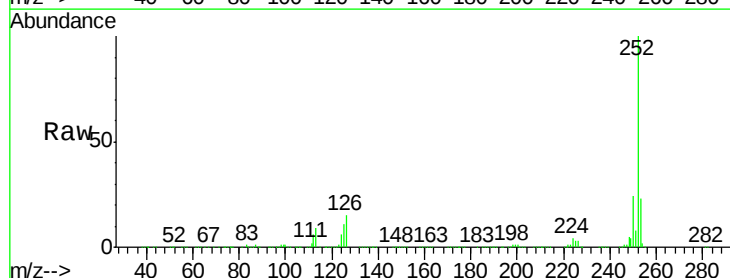
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

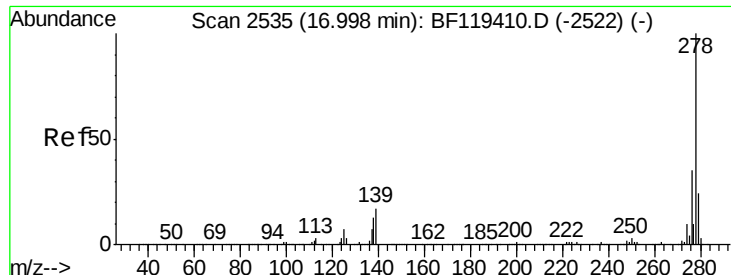
Tgt Ion:252 Resp: 2009100
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.70 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Tgt Ion:252 Resp: 1829559
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 11.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 43.92 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

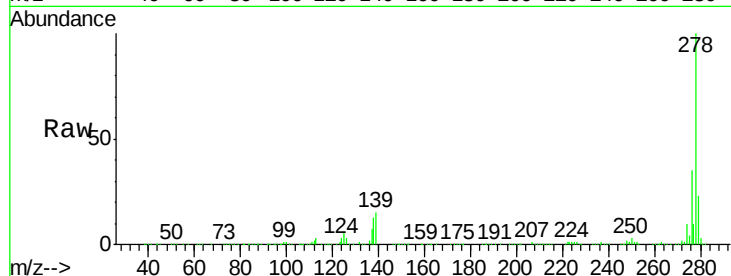
Tgt Ion:278 Resp: 1685612

Ion Ratio Lower Upper

278 100

139 15.2 12.6 19.0

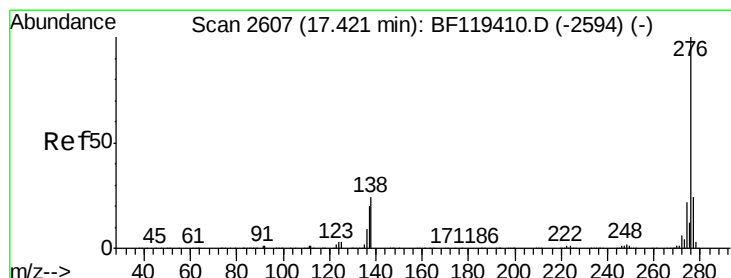
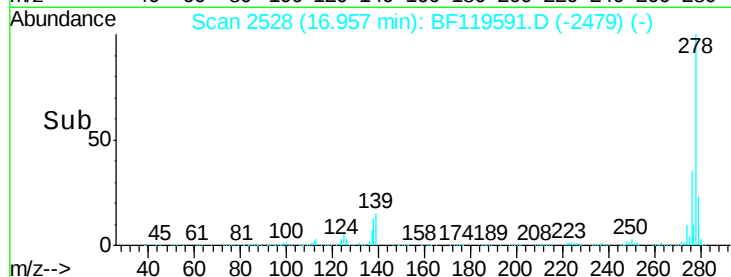
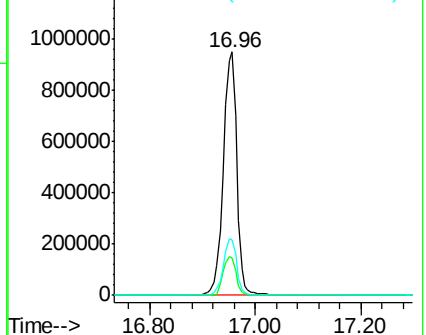
279 22.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.64 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

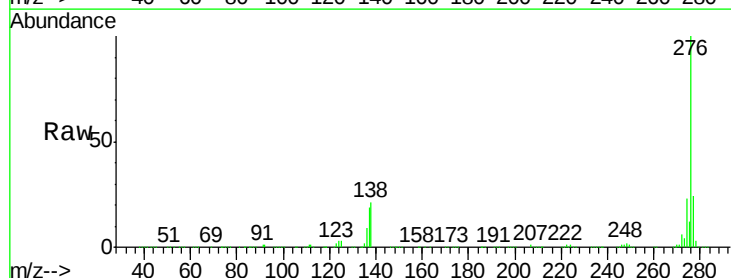
Tgt Ion:276 Resp: 1721376

Ion Ratio Lower Upper

276 100

277 24.4 18.4 27.6

138 21.1 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

