

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	36.324	ng	100
3) Pyridine	3.30	79	1104518	35.819	ng	95
4) n-Nitrosodimethylamine	3.25	42	522556	34.750	ng	94
6) Aniline	6.50	93	1517328	37.975	ng	98
8) 2-Chlorophenol	6.62	128	948293	39.840	ng	98
9) Benzaldehyde	6.38	77	670149	36.490	ng	96
10) Phenol	6.47	94	1269357	41.092	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	1023216	41.416	ng	99
12) 1,3-Dichlorobenzene	6.77	146	1022262	39.682	ng	96
13) 1,4-Dichlorobenzene	6.85	146	1061467	41.193	ng	98
14) 1,2-Dichlorobenzene	7.01	146	998162	41.443	ng	98
15) Benzyl Alcohol	6.97	79	871848	40.035	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1969121	39.514	ng	98
17) 2-Methylphenol	7.09	107	928152	42.559	ng	99
18) Hexachloroethane	7.35	117	389924	41.292	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	717318	41.108	ng	100
20) 3+4-Methylphenols	7.25	107	1064647	39.834	ng	# 79
22) Acetophenone	7.25	105	1256577	38.870	ng	99
24) Nitrobenzene	7.42	77	1044107	39.247	ng	98
25) Isophorone	7.66	82	2006757	39.739	ng	99
26) 2-Nitrophenol	7.73	139	524859	50.106	ng	96
27) 2,4-Dimethylphenol	7.77	122	749680	34.612	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	1185603	39.704	ng	99
29) 2,4-Dichlorophenol	7.97	162	822906	41.349	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	887131	40.307	ng	99
31) Naphthalene	8.15	128	2813223	40.406	ng	99
32) Benzoic acid	7.90	122	689992	49.523	ng	96
33) 4-Chloroaniline	8.19	127	1237103	38.778	ng	98
34) Hexachlorobutadiene	8.26	225	527827	42.863	ng	99
35) Caprolactam	8.57	113	257455	39.528	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	880460	40.478	ng	96
37) 2-Methylnaphthalene	8.83	142	1855310	40.604	ng	99
38) 1-Methylnaphthalene	8.93	142	1731550	40.037	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	846572	42.059	ng	99

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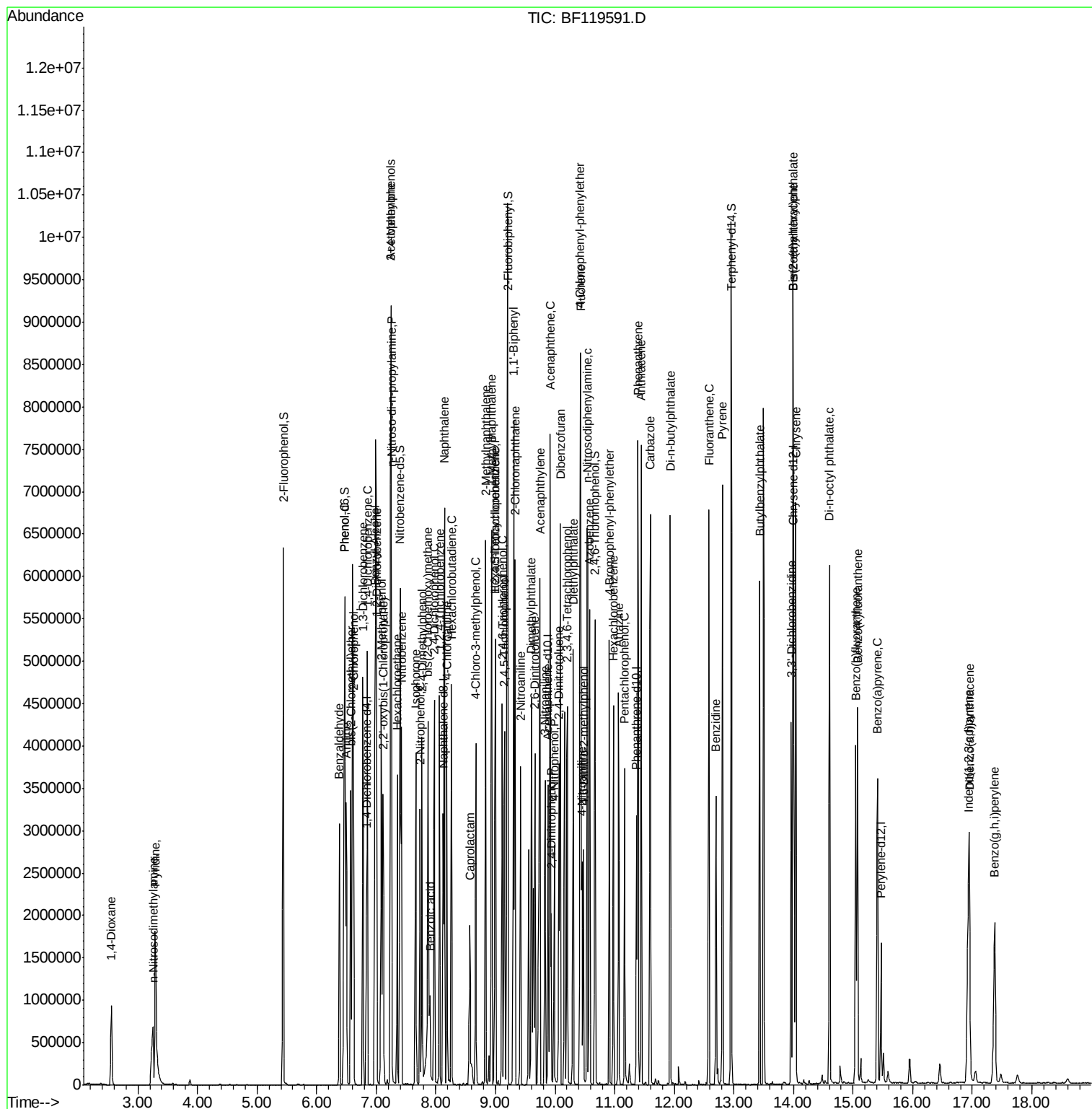
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	448872	39.226	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	614619	42.669	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	686430	42.540	ng	96
46) 1,1'-Biphenyl	9.30	154	2258505	40.381	ng	98
47) 2-Chloronaphthalene	9.33	162	1766242	40.316	ng	99
48) 2-Nitroaniline	9.42	65	662594	43.817	ng	95
49) Acenaphthylene	9.75	152	2710690	39.400	ng	100
50) Dimethylphthalate	9.61	163	2025622	41.527	ng	100
51) 2,6-Dinitrotoluene	9.66	165	478694	45.785	ng #	87
52) Acenaphthene	9.92	154	1757163	40.969	ng	99
53) 3-Nitroaniline	9.83	138	549796	41.652	ng	97
54) 2,4-Dinitrophenol	9.93	184	219844	51.450	ng	93
55) Dibenzofuran	10.09	168	2510965	40.833	ng	97
56) 4-Nitrophenol	9.99	139	422209	40.547	ng	95
57) 2,4-Dinitrotoluene	10.07	165	636535	48.329	ng	92
58) Fluorene	10.43	166	1860842	40.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	527325	43.720	ng	98
60) Diethylphthalate	10.30	149	2130832	43.041	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	942286	42.374	ng	97
62) 4-Nitroaniline	10.45	138	547141	43.226	ng	100
63) Azobenzene	10.58	77	2080098	41.724	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	315450	56.469	ng	85
66) n-Nitrosodiphenylamine	10.55	169	1763938	40.334	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	649826	42.831	ng	93
68) Hexachlorobenzene	10.98	284	680004	43.792	ng #	91
69) Atrazine	11.07	200	532113	44.381	ng	99
70) Pentachlorophenol	11.17	266	405454	44.531	ng	95
71) Phenanthrene	11.39	178	2758846	39.938	ng	99
72) Anthracene	11.45	178	2792165	39.771	ng	99
73) Carbazole	11.60	167	2707859	38.967	ng	100
74) Di-n-butylphthalate	11.93	149	3255692	43.797	ng	99
75) Fluoranthene	12.58	202	2895767	38.735	ng	99
77) Benzidine	12.70	184	1312342	35.806	ng	99
78) Pyrene	12.81	202	2971055	41.801	ng	99
80) Butylbenzylphthalate	13.43	149	1416751	49.283	ng	98
81) Benzo(a)anthracene	14.00	228	2198440	39.036	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	867707	39.076	ng	99
83) Chrysene	14.04	228	2309822	39.740	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1755525	51.228	ng	99
85) Di-n-octyl phthalate	14.60	149	2896688	48.062	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2031402	37.110	ng	99
88) Benzo(b)fluoranthene	15.04	252	1999615	41.414	ng	97
89) Benzo(k)fluoranthene	15.07	252	2009100	43.699	ng	99
90) Benzo(a)pyrene	15.41	252	1829559	41.695	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1685612	43.919	ng	98
92) Benzo(g,h,i)perylene	17.38	276	1721376	44.644	ng	97

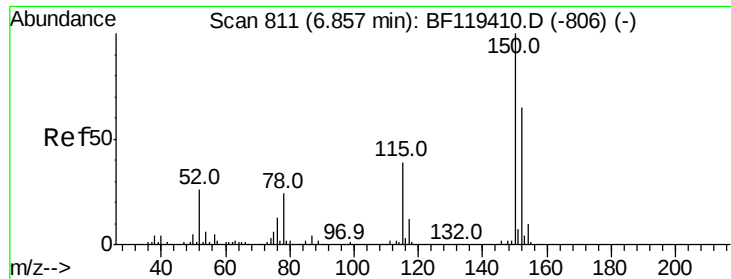
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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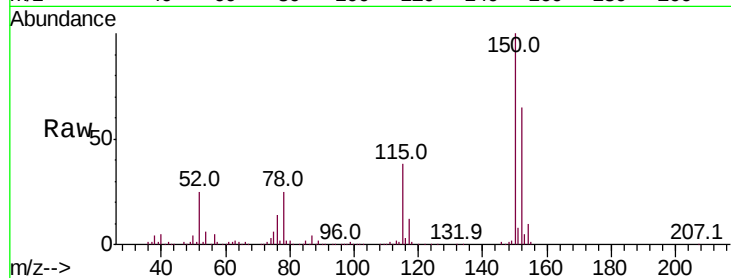


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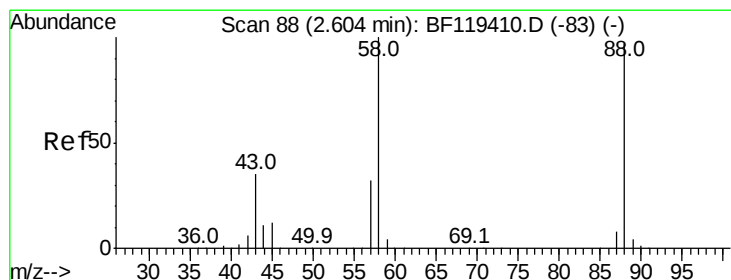
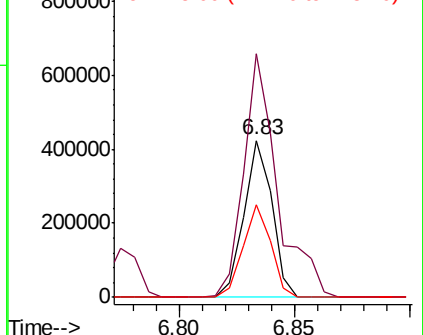
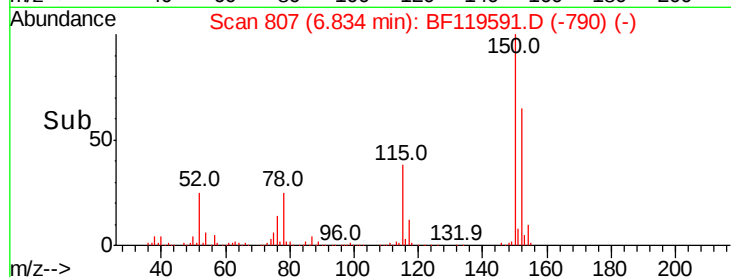
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 360773
Ion Ratio Lower Upper
152 100
150 155.0 124.5 186.7
115 58.6 49.6 74.4



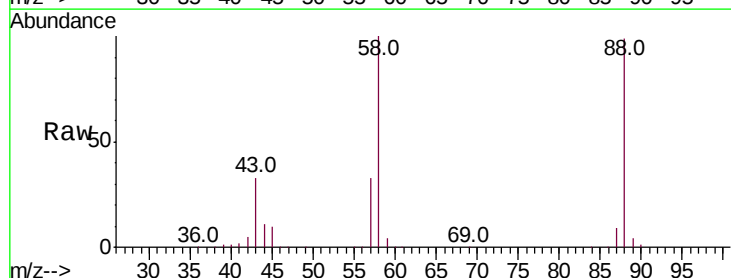
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



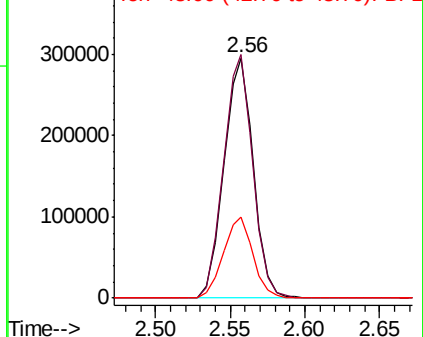
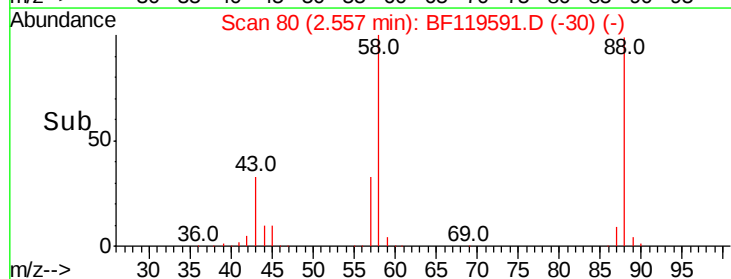
#2

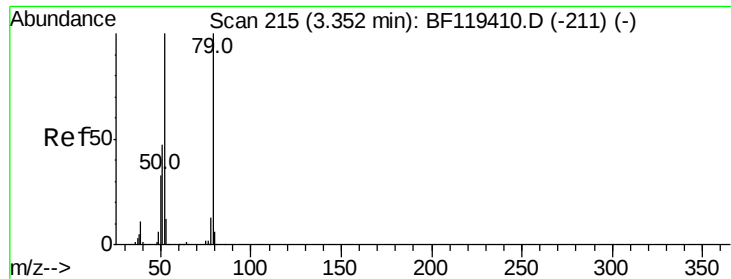
1,4-Dioxane
Concen: 36.324 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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



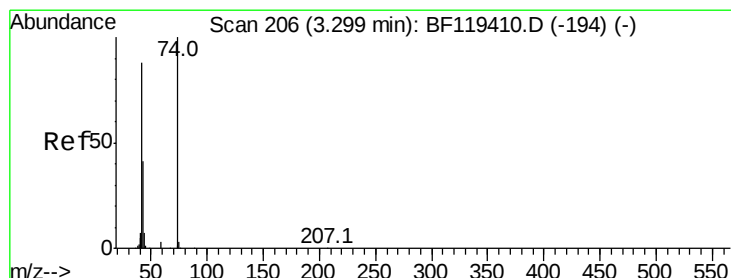
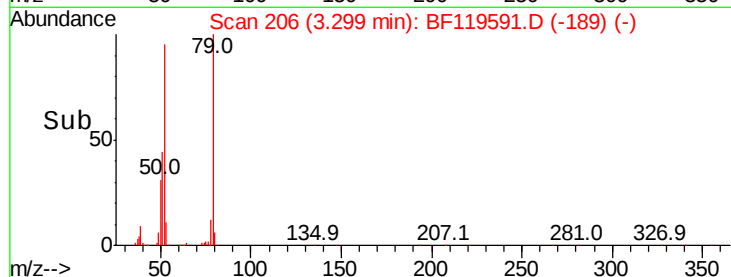
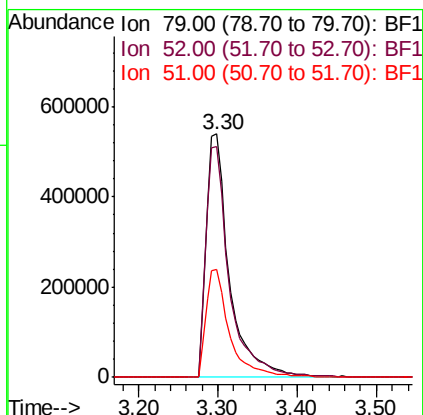
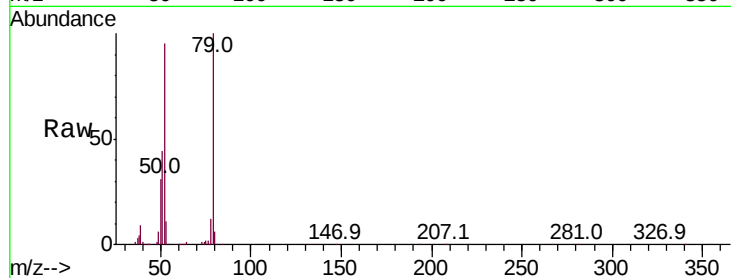


#3
 Pvridine
 Concen: 35.819 ng
 RT: 3.30 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
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 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 1104518

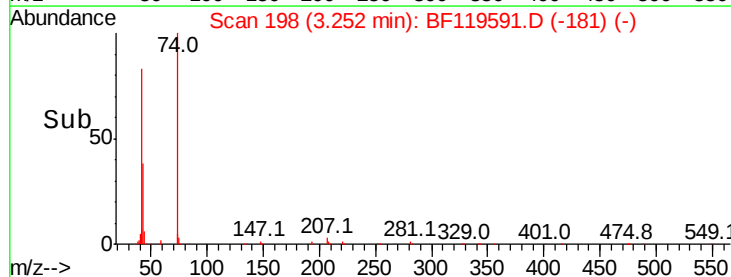
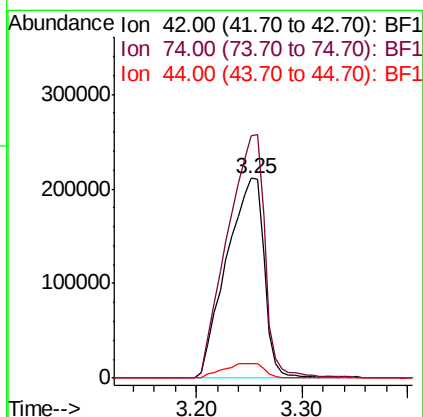
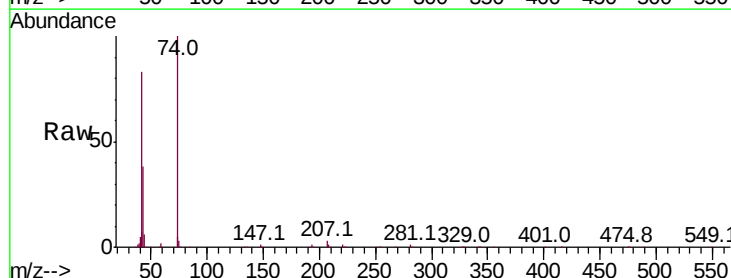
Ion	Ratio	Lower	Upper
79	100		
52	94.9	80.2	120.2
51	44.2	37.7	56.5

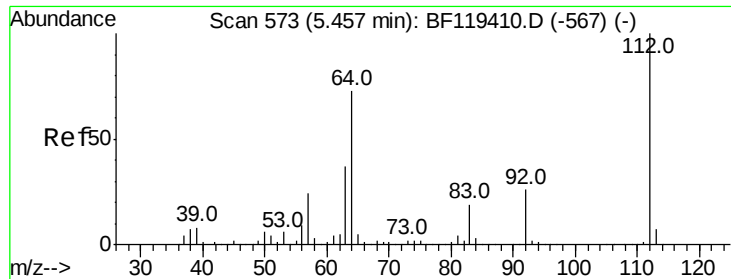


#4
 n-Nitrosodimethylamine
 Concen: 34.750 ng
 RT: 3.25 min Scan# 198
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

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





#5

2-Fluorophenol

Concen: 75.472 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

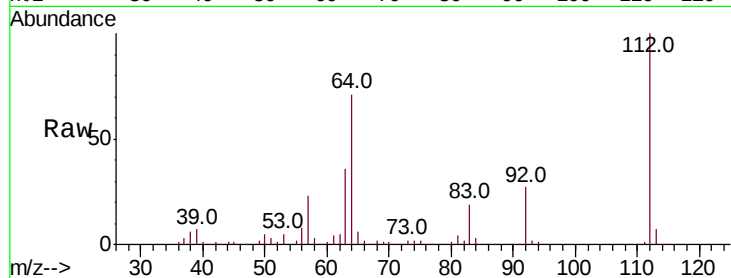
Tot Ion:112 Resp: 1710419

Ion Ratio Lower Upper

112 100

64 71.2 56.7 85.1

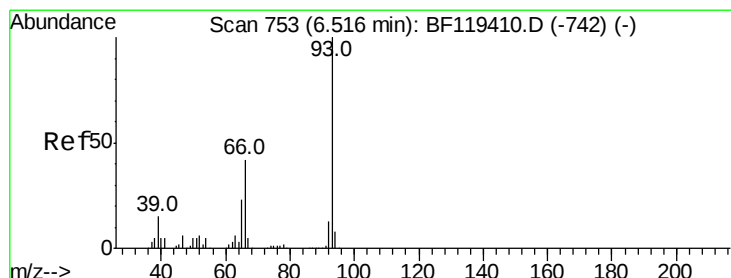
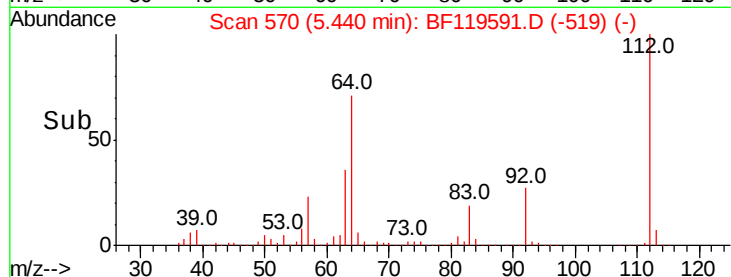
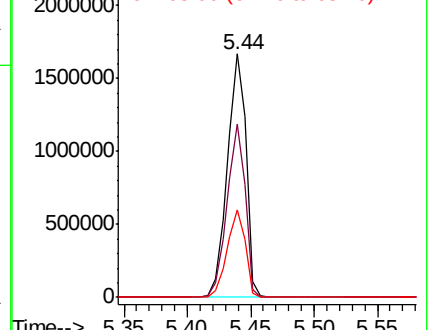
63 36.2 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.975 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

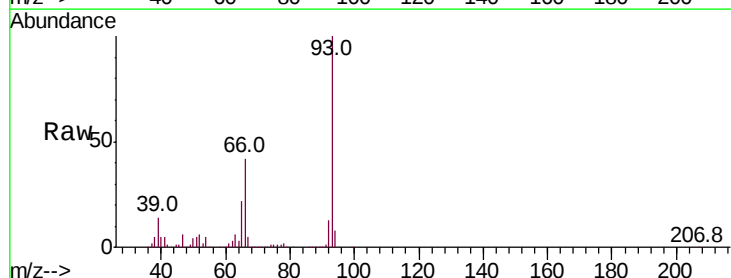
Tgt Ion: 93 Resp: 1517328

Ion Ratio Lower Upper

93 100

66 42.2 34.9 52.3

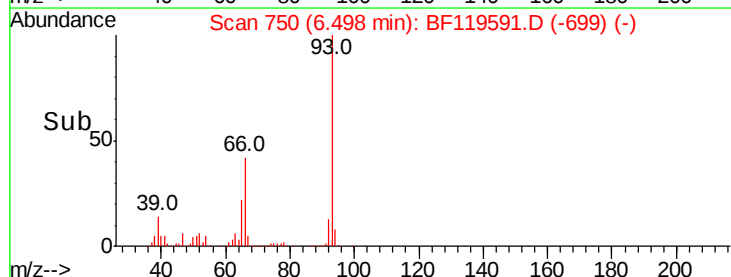
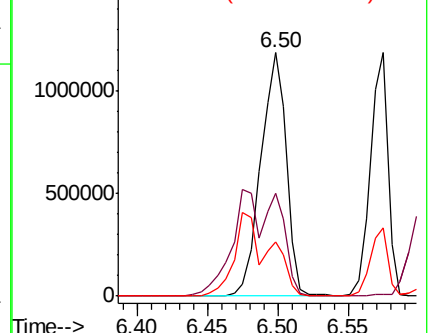
65 22.3 18.6 27.8

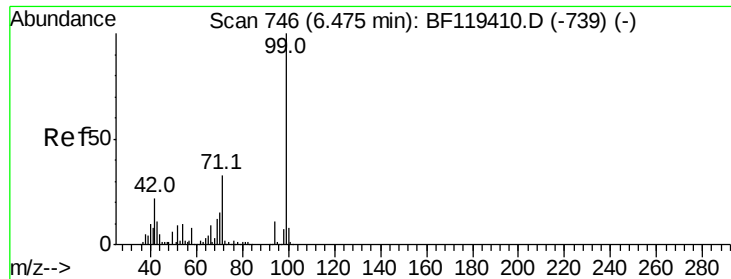


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.406 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

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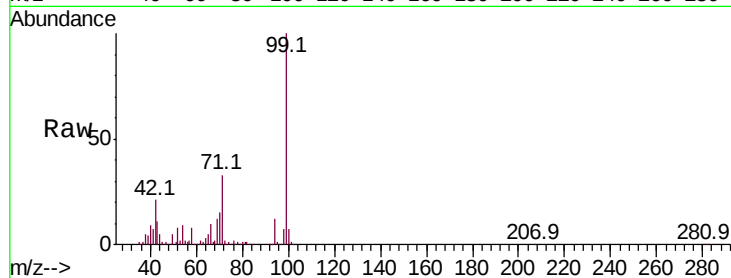
Tot Ion: 99 Resp: 2211987

Ion Ratio Lower Upper

99 100

42 20.7 16.6 24.8

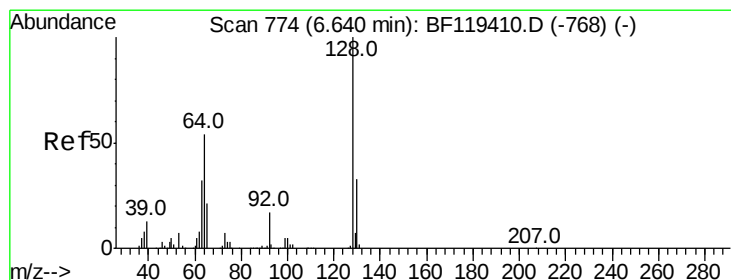
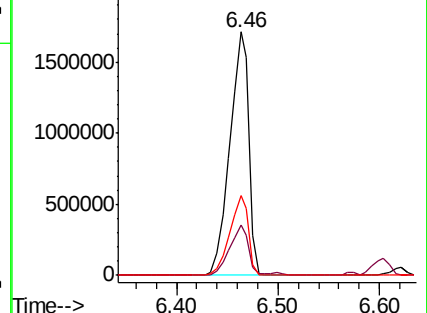
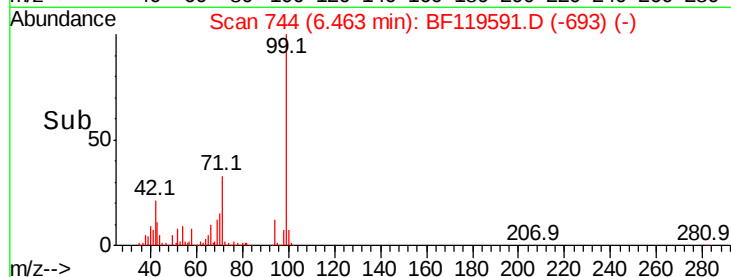
71 33.0 26.4 39.6



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: 39.840 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

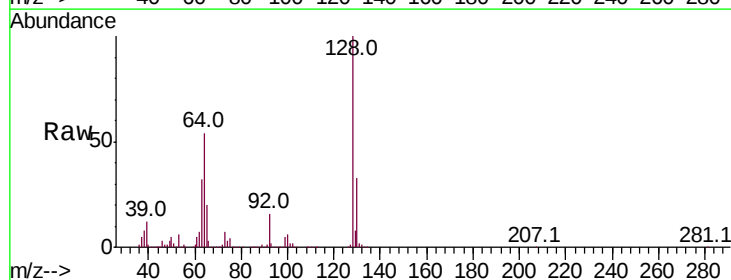
Tgt Ion: 128 Resp: 948293

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

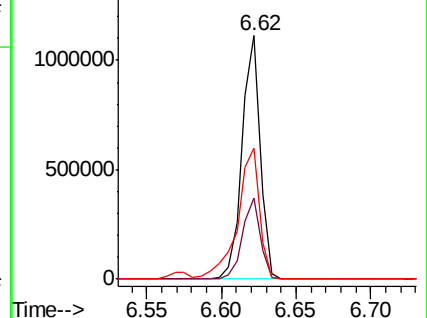
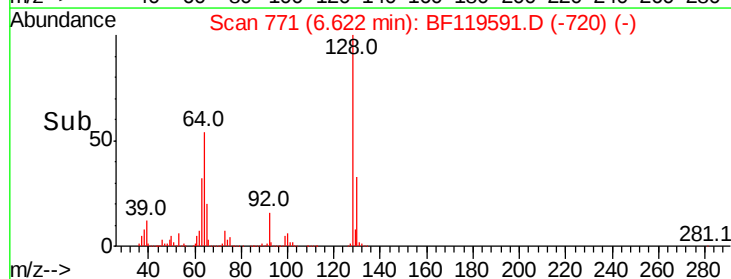
64 53.7 35.3 75.3

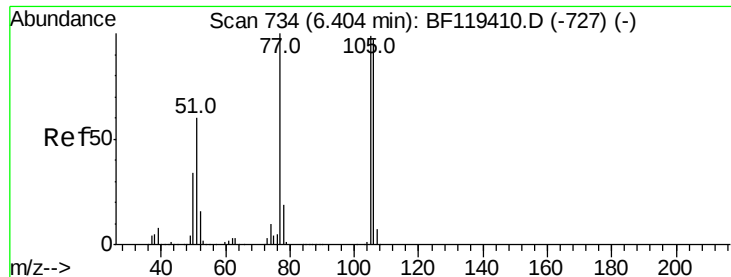


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.490 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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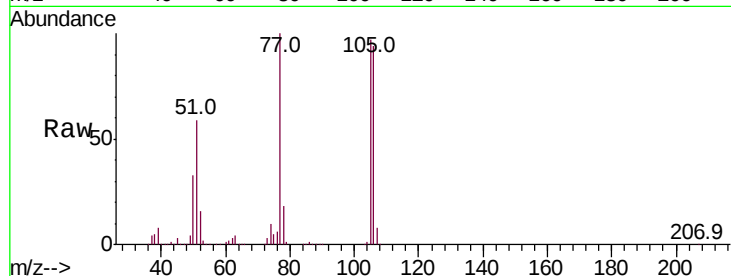
Tot Ion: 77 Resp: 670149

Ion Ratio Lower Upper

77 100

105 96.8 80.9 120.9

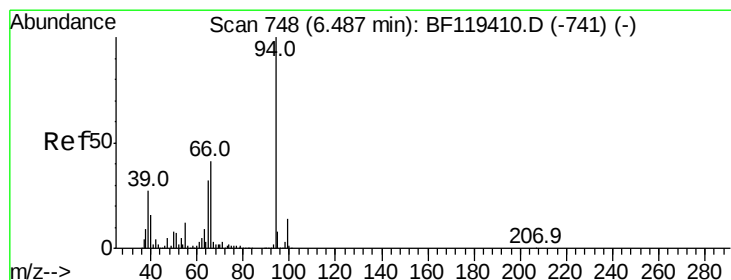
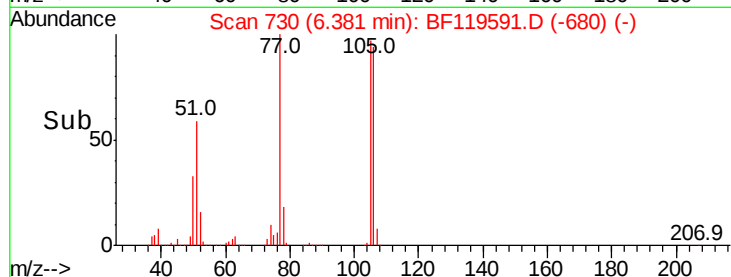
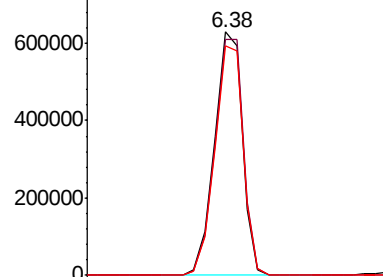
106 94.3 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.092 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

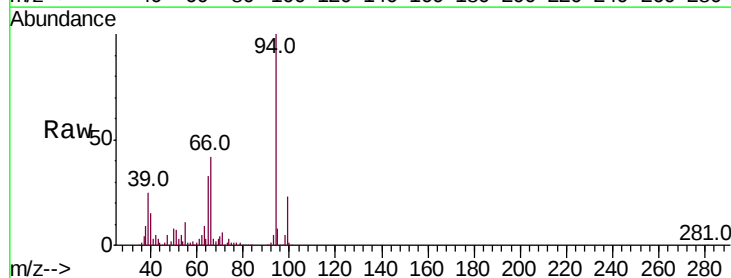
Tgt Ion: 94 Resp: 1269357

Ion Ratio Lower Upper

94 100

65 32.9 13.2 53.2

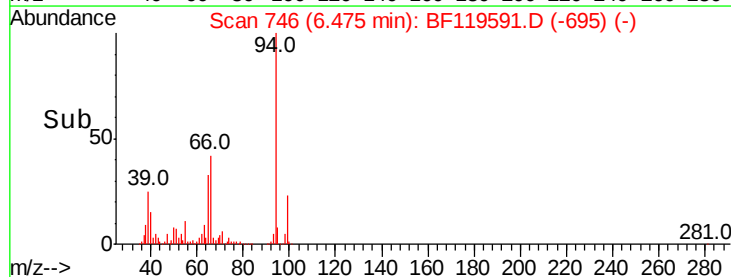
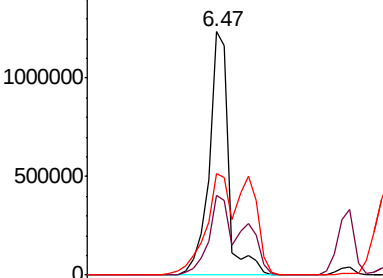
66 41.9 22.3 62.3

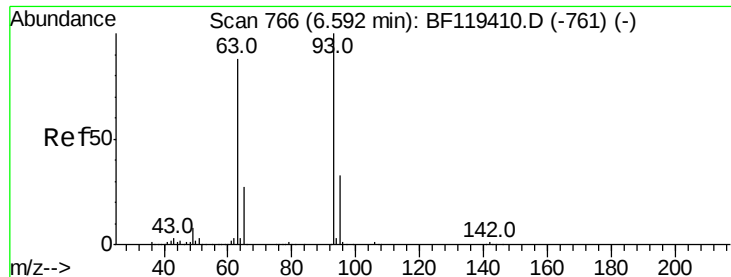


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



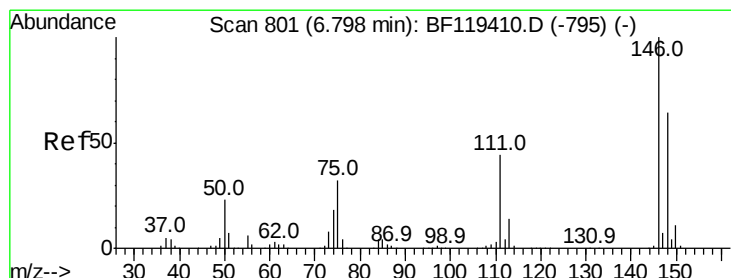
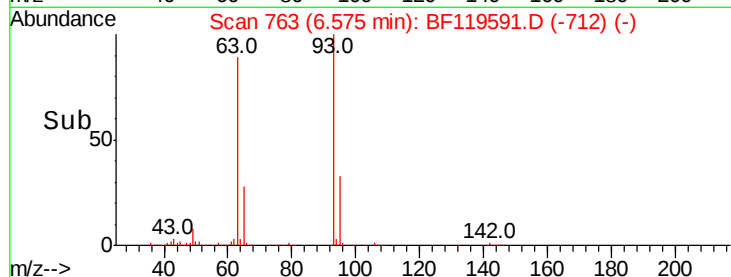
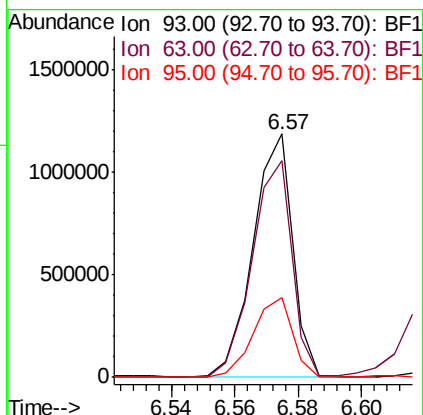
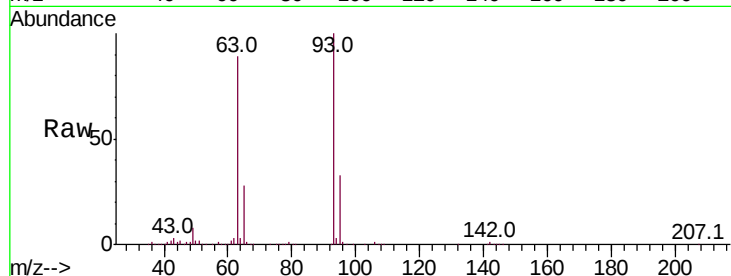


#11
bis(2-Chloroethyl)ether
Concen: 41.416 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 1023216

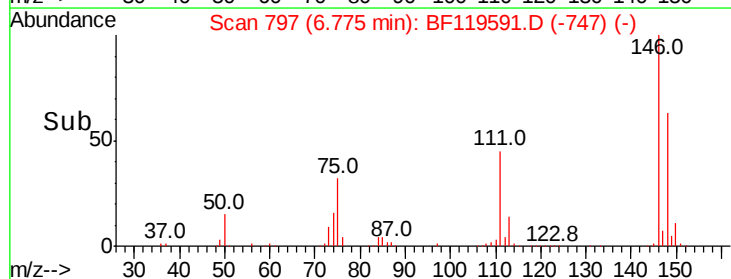
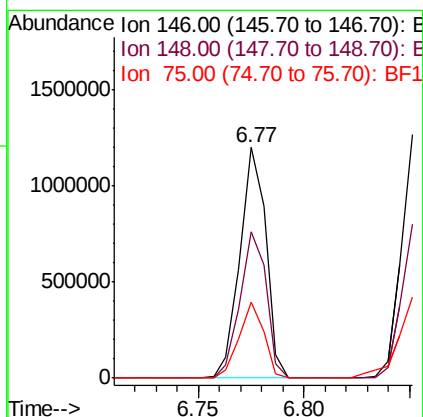
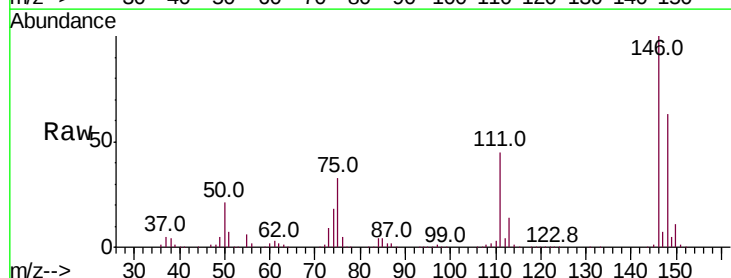
Ion	Ratio	Lower	Upper
93	100		
63	89.2	70.2	110.2
95	32.9	13.4	53.4

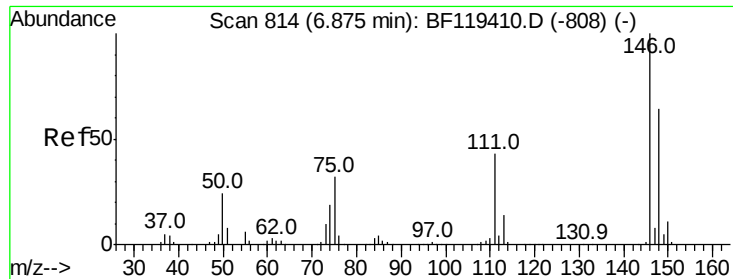


#12
1,3-Dichlorobenzene
Concen: 39.682 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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



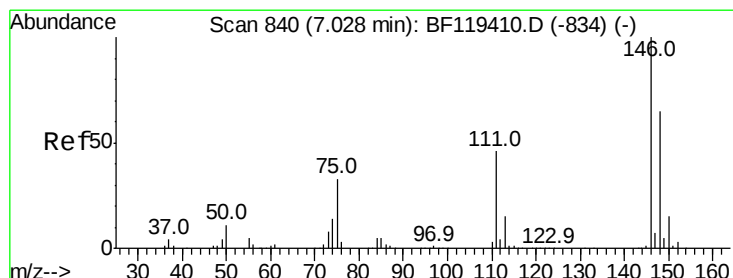
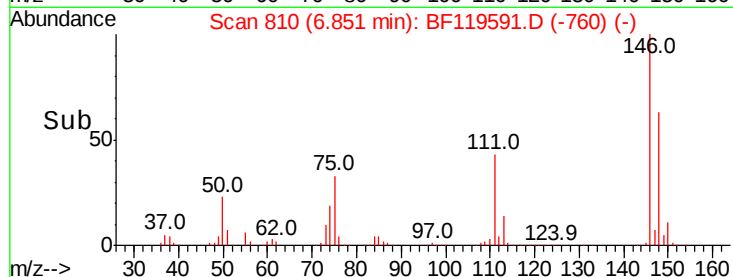
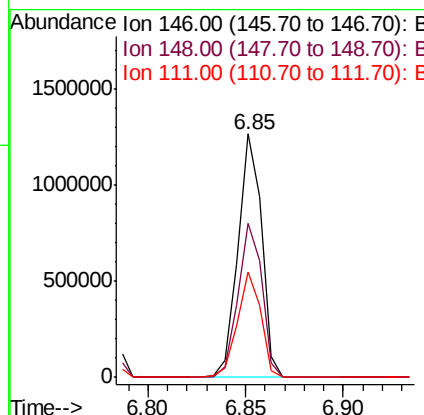
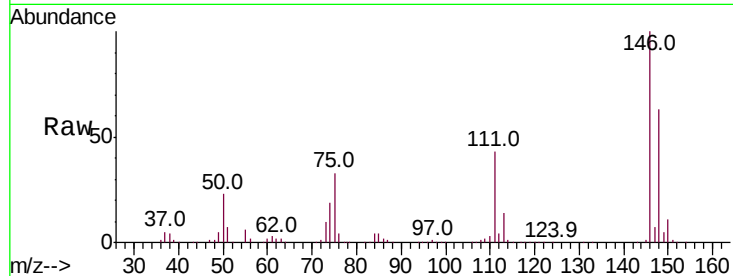


#13
 1,4-Dichlorobenzene
 Concen: 41.193 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 1061467

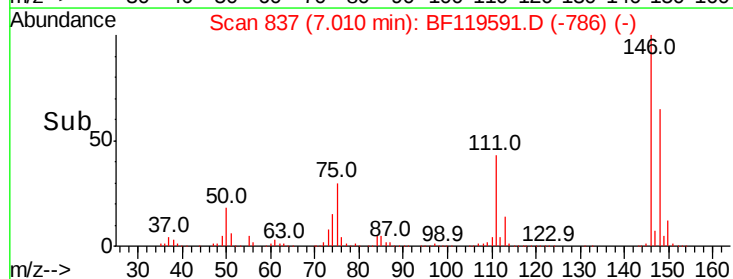
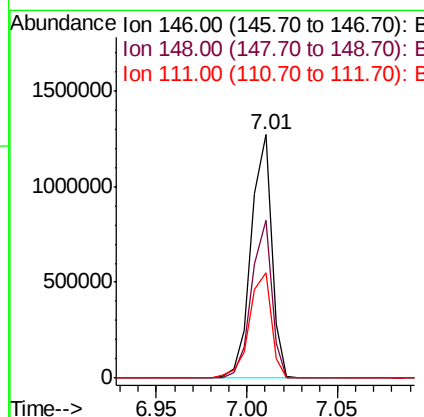
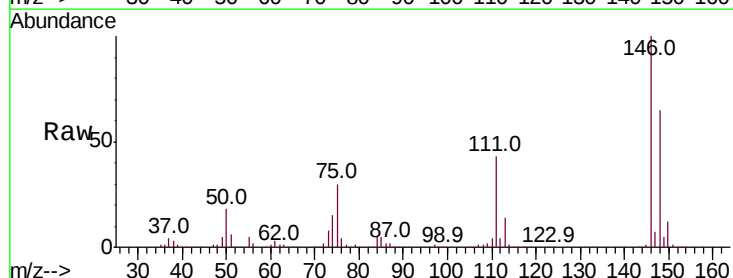
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.5	77.3
111	43.1	33.3	49.9

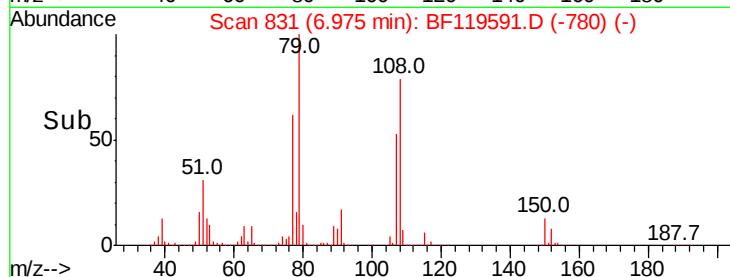
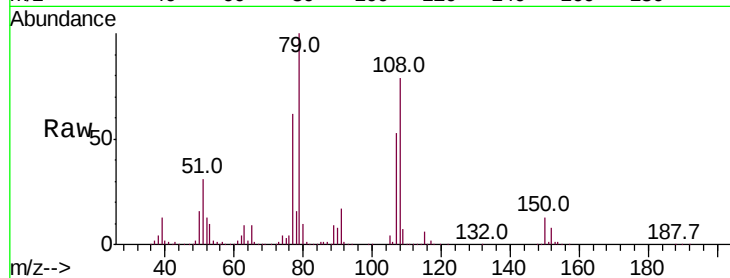
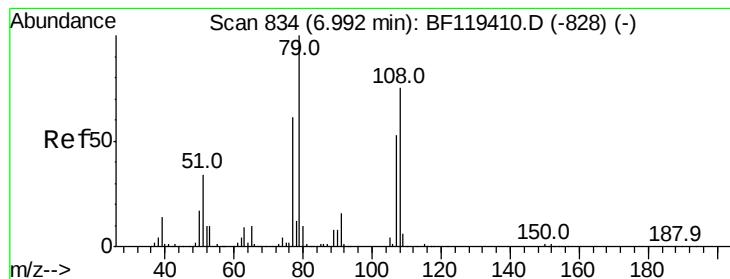


#14
 1,2-Dichlorobenzene
 Concen: 41.443 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

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: 40.035 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

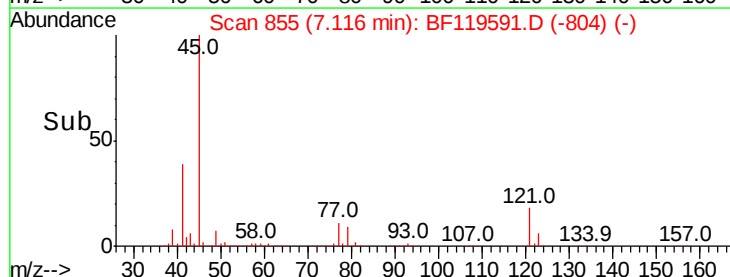
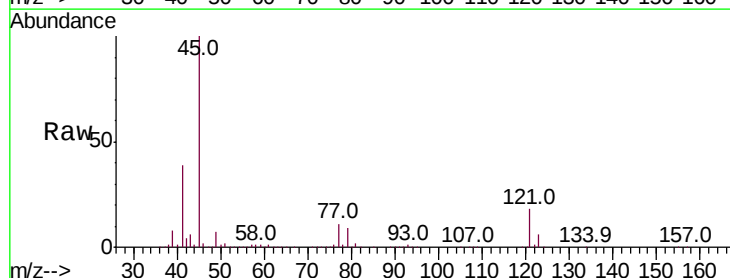
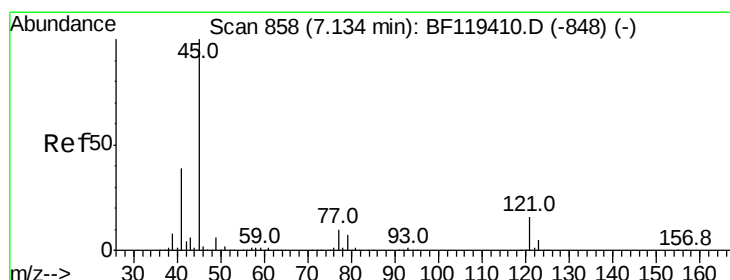
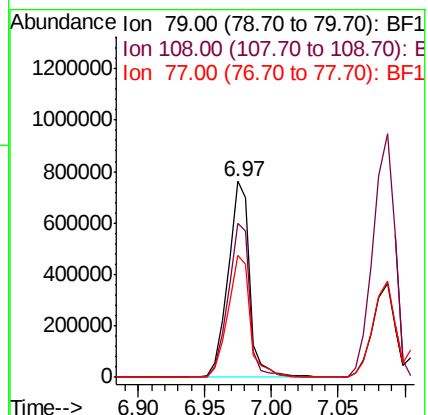
Tot Ion: 79 Resp: 871848

Ion Ratio Lower Upper

79 100

108 78.6 60.6 90.8

77 62.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.514 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

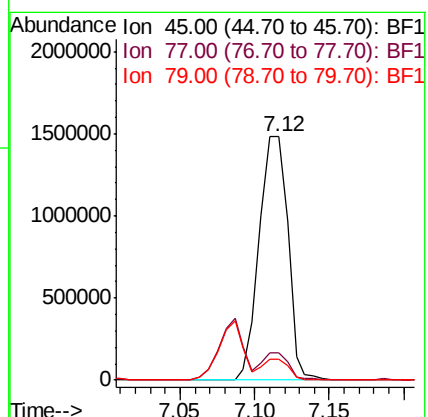
Tgt Ion: 45 Resp: 1969121

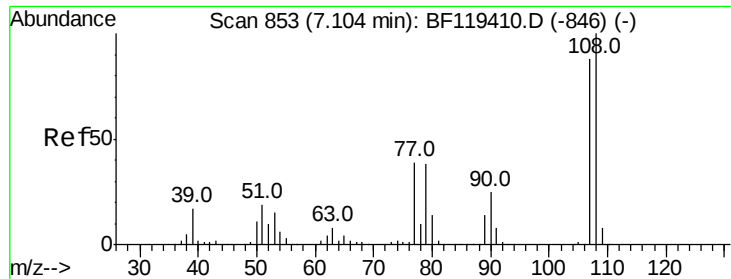
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.7

79 8.8 0.0 28.2





#17

2-Methylphenol

Concen: 42.559 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

Tot Ion:107 Resp: 928152

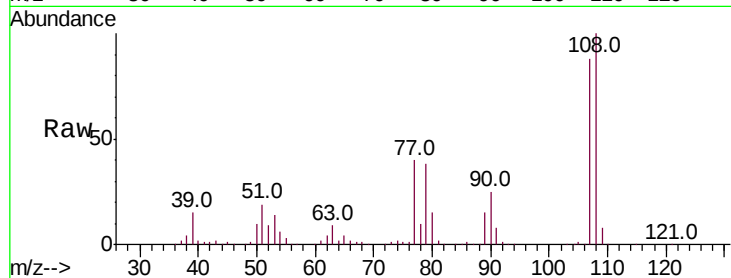
Ion Ratio Lower Upper

107 100

108 113.9 92.2 138.4

77 45.0 36.6 54.8

79 43.7 36.2 54.4



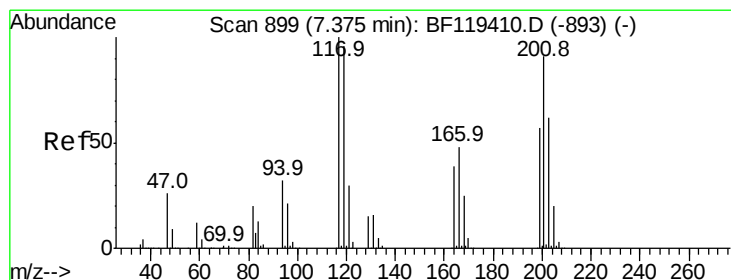
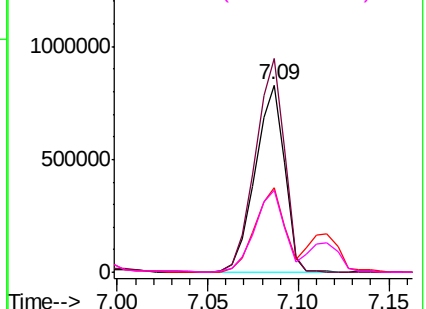
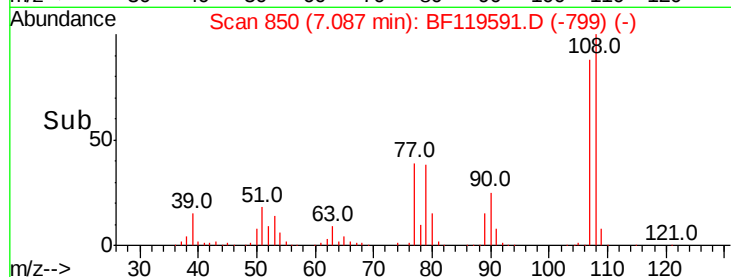
Abundance

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: 41.292 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

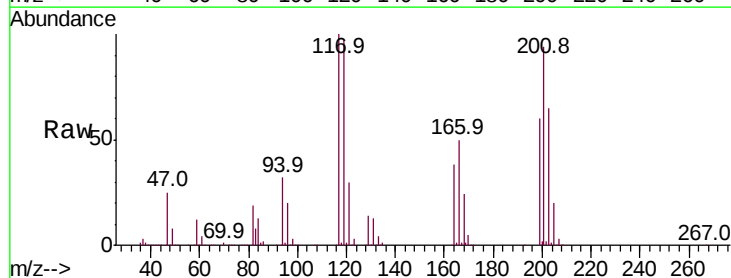
Tgt Ion:117 Resp: 389924

Ion Ratio Lower Upper

117 100

119 96.6 76.1 114.1

201 94.5 73.0 109.6

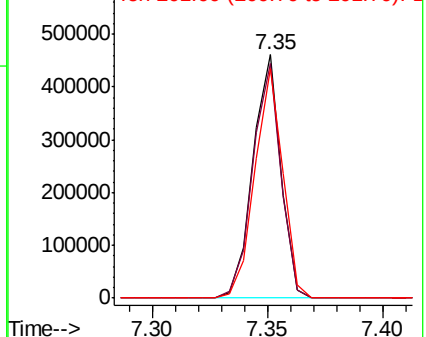
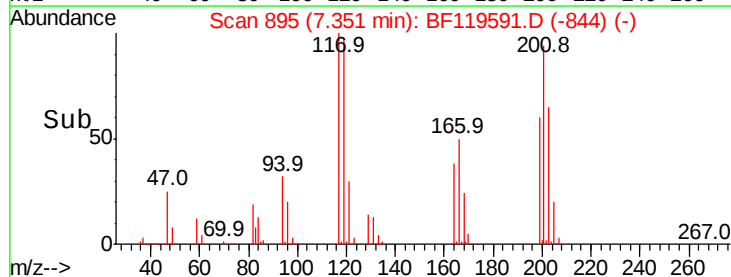


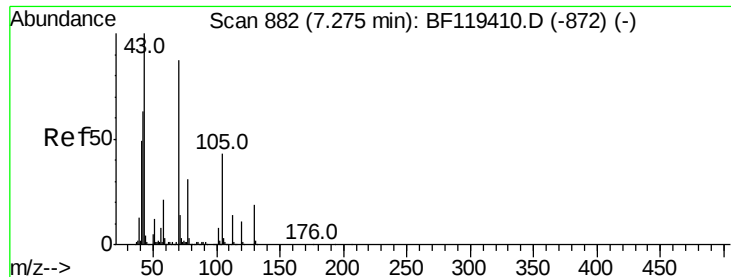
Abundance

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

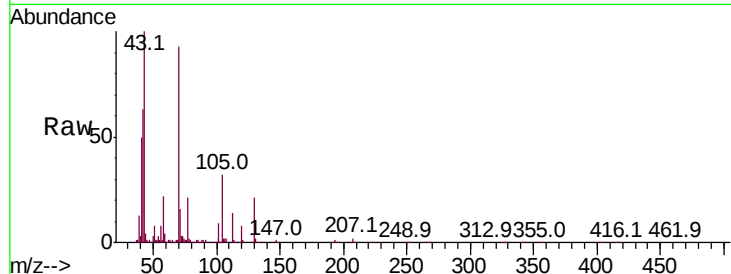




#19
n-Nitroso-di-n-propylamine
Concen: 41.108 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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



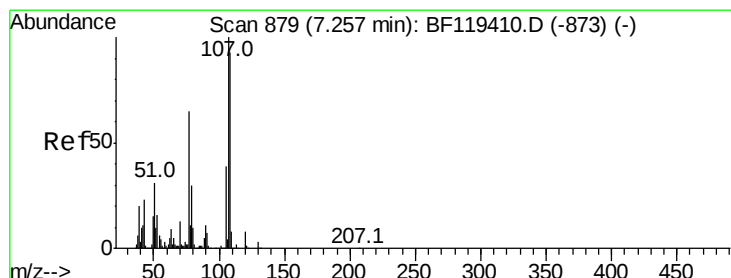
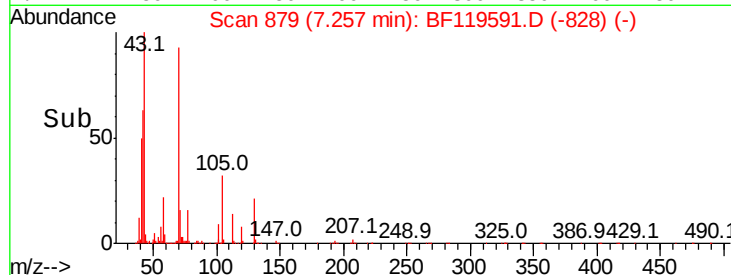
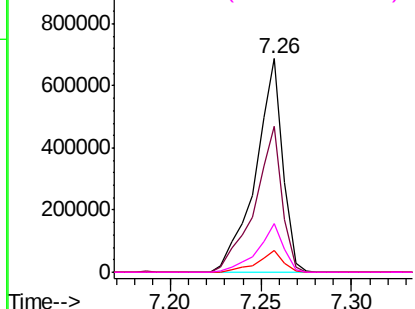
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

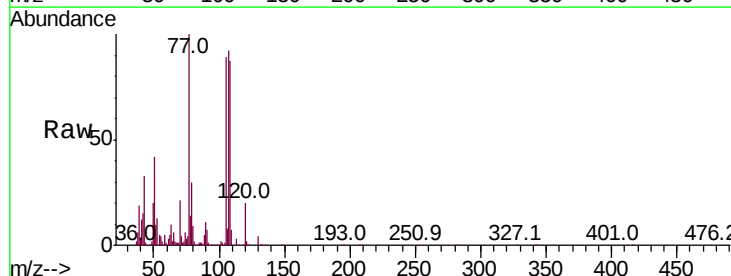
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.834 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



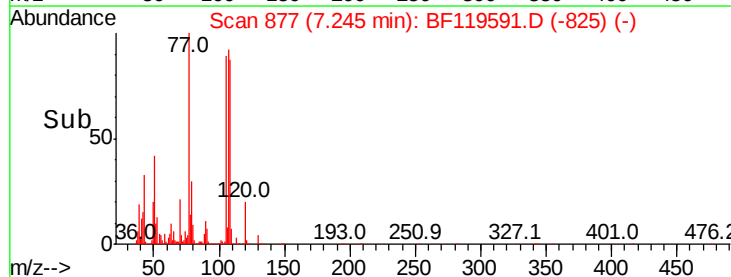
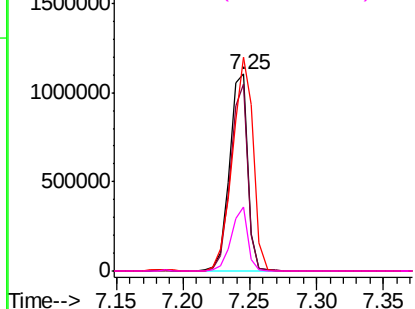
Abundance

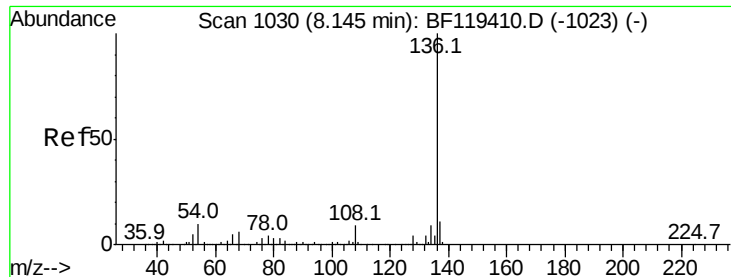
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 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

Tot Ion:136 Resp: 1352926

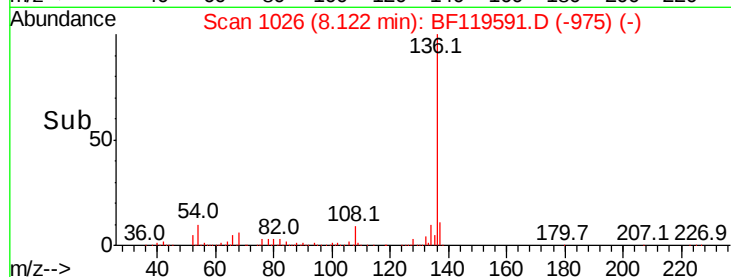
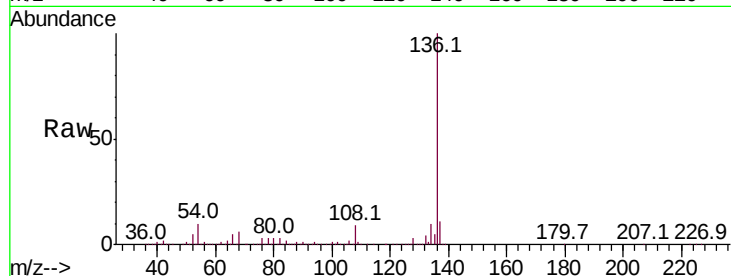
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.2 9.1 13.7

68 5.8 4.6 6.8

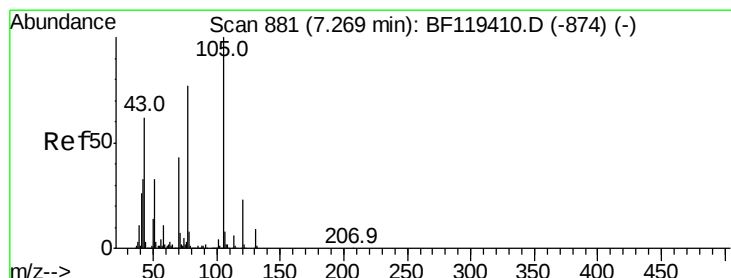
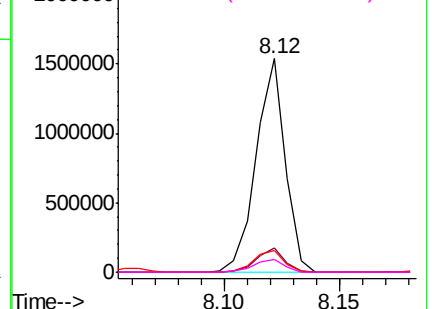


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.870 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

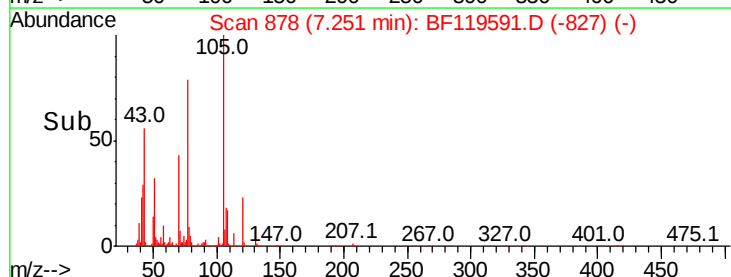
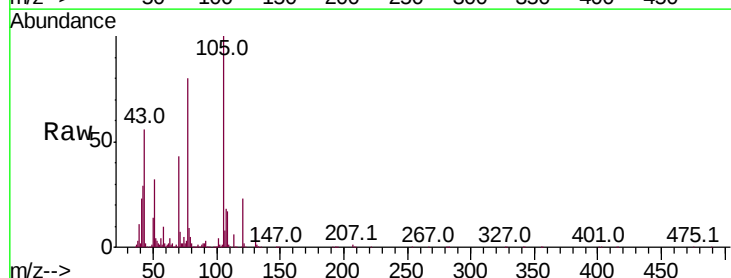
Ion Ratio Lower Upper

105 100

71 7.2 5.7 8.5

51 31.8 26.2 39.4

120 22.8 18.3 27.5

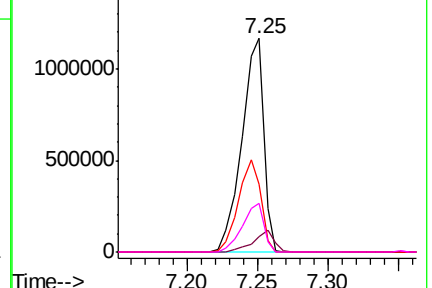


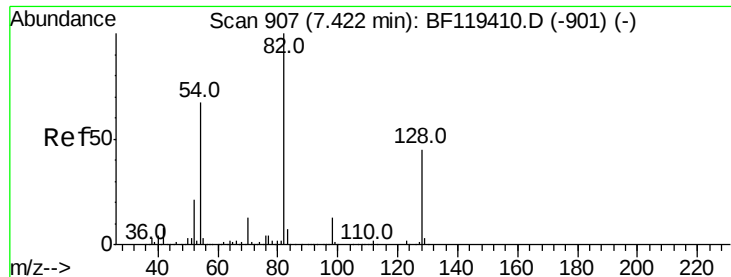
Abundance Ion 105.00 (104.70 to 105.70): E

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

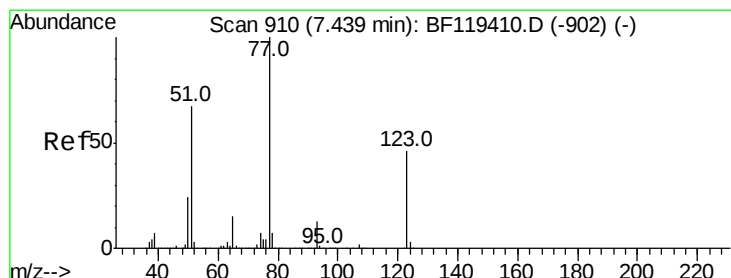
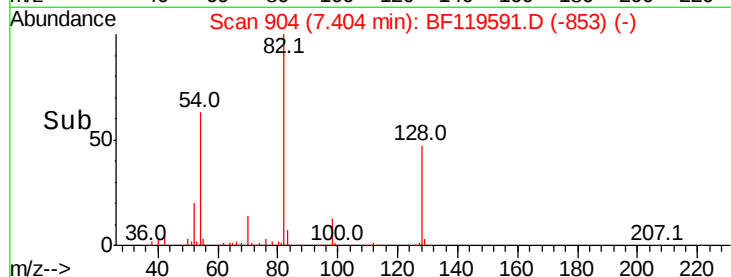
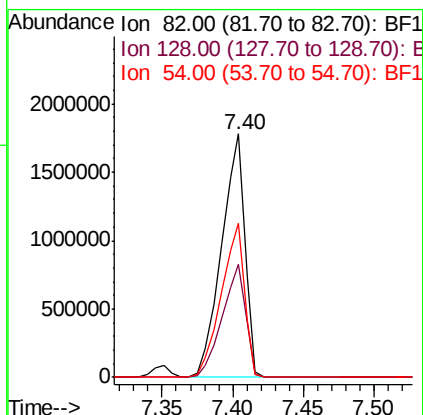
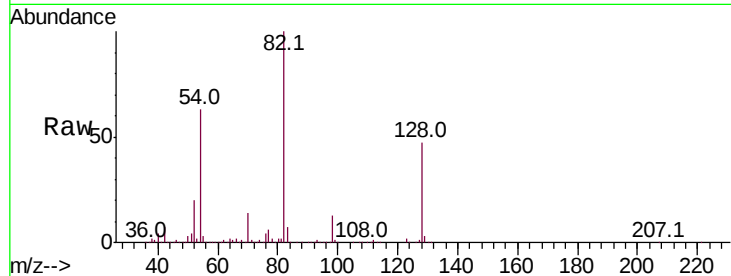




#23
 Nitrobenzene-d5
 Concen: 81.939 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

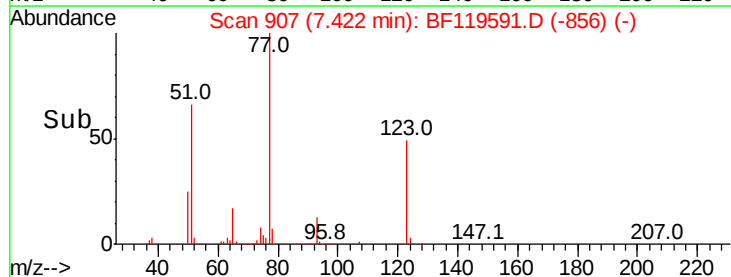
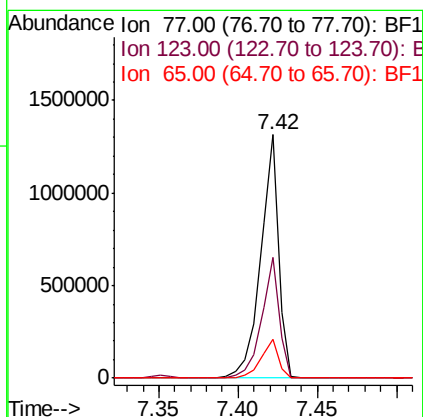
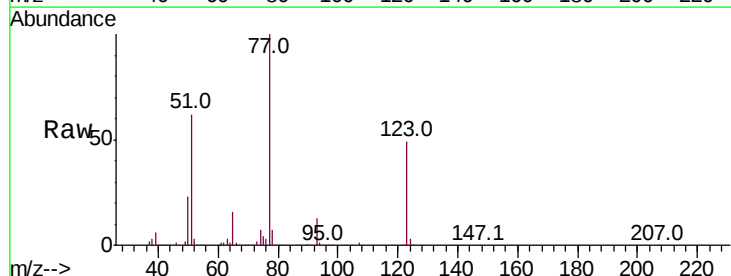
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

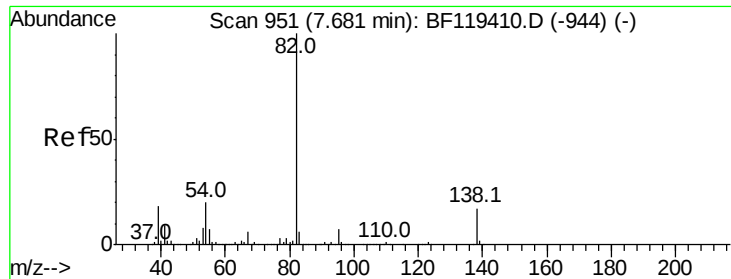
Tot Ion: 82 Resp: 2039779
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.3 54.5
 54 63.1 50.6 75.8



#24
 Nitrobenzene
 Concen: 39.247 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: 39.739 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

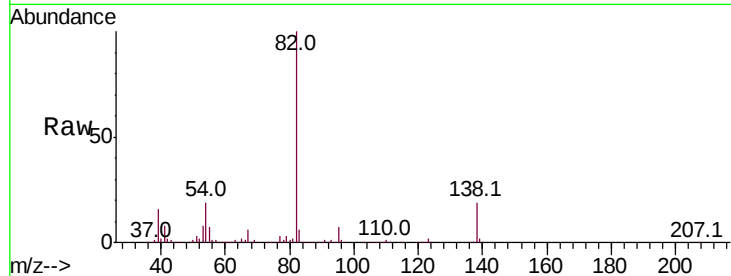
Tot Ion: 82 Resp: 2006757

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

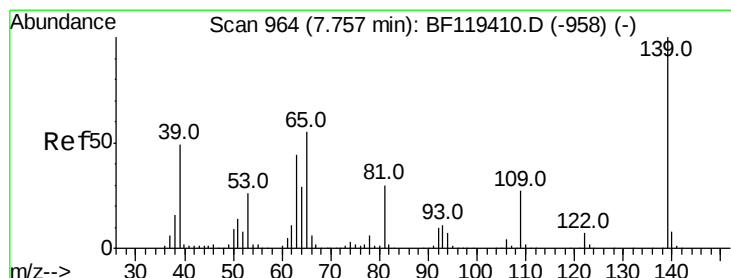
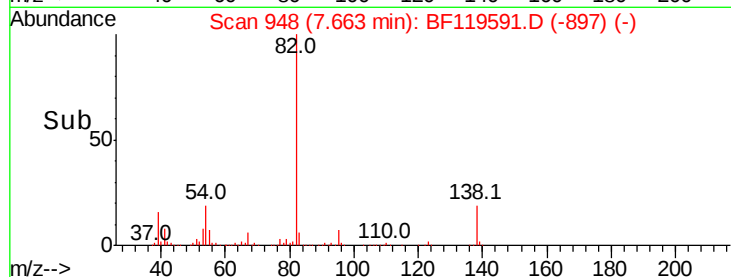
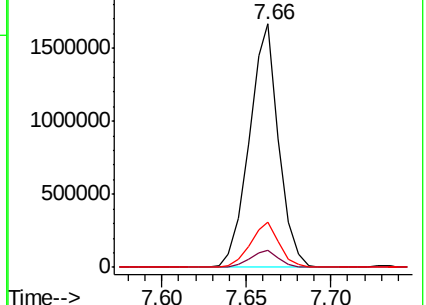
138 18.7 14.6 21.8



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: 50.106 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

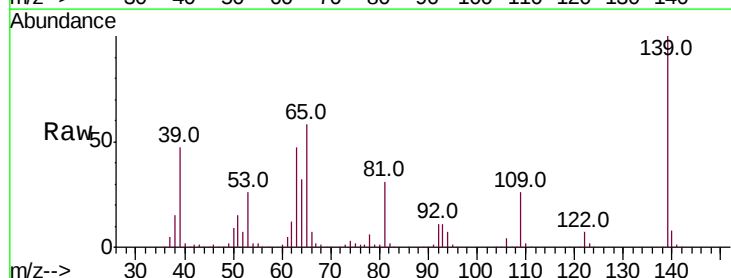
Tgt Ion:139 Resp: 524859

Ion Ratio Lower Upper

139 100

109 26.5 22.1 33.1

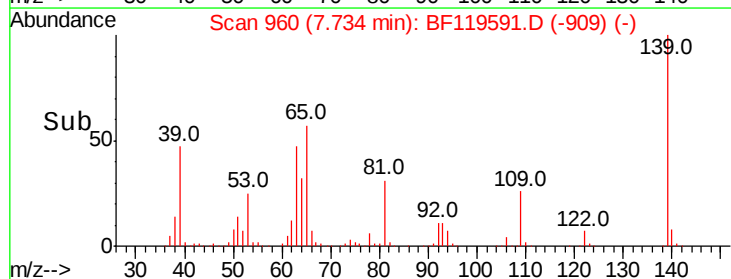
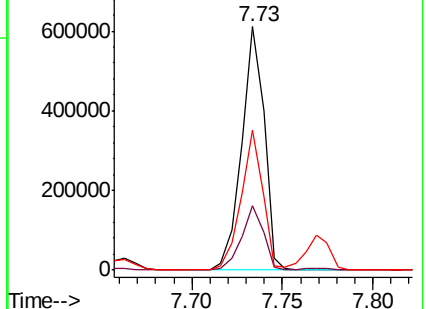
65 57.5 49.2 73.8

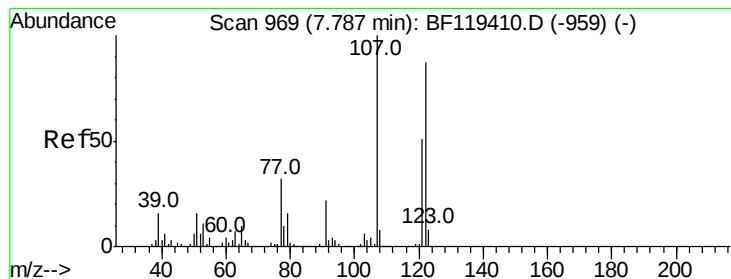


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

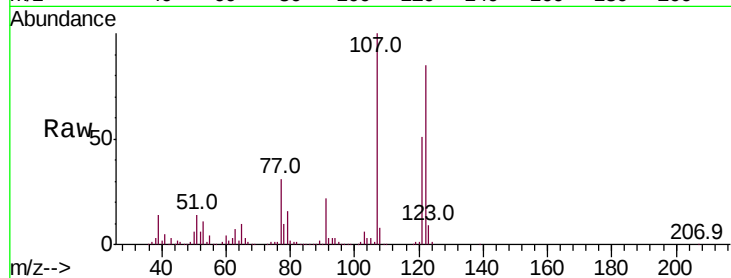




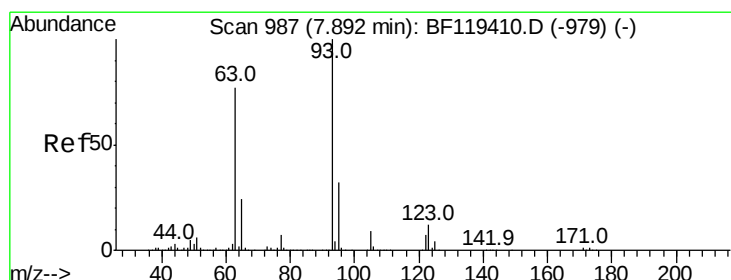
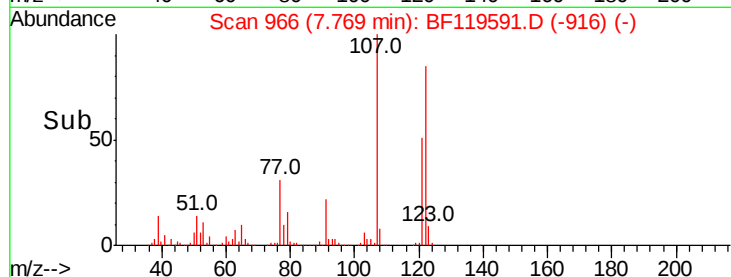
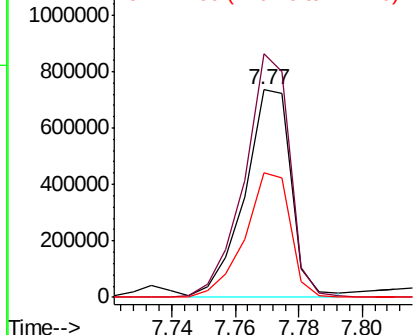
#27
 2,4-Dimethylphenol
 Concen: 34.612 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 749680
 Ion Ratio Lower Upper
 122 100
 107 117.5 89.0 133.6
 121 59.9 46.7 70.1

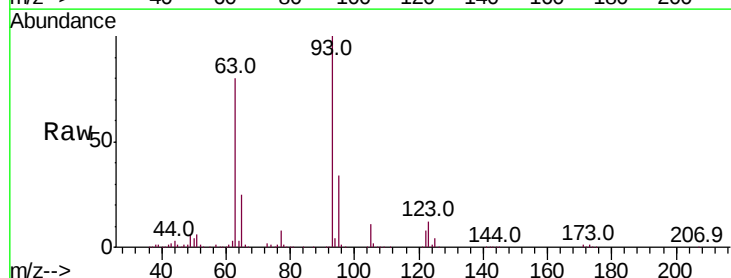


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

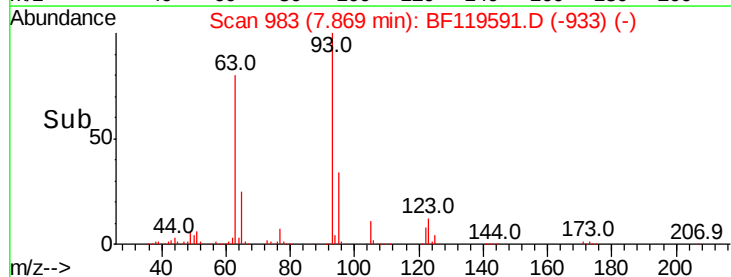
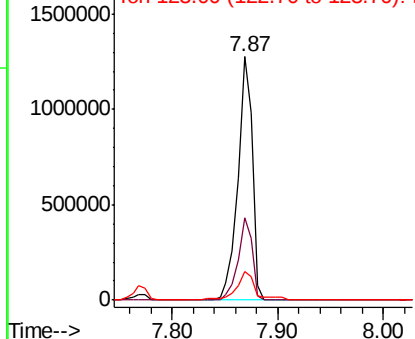


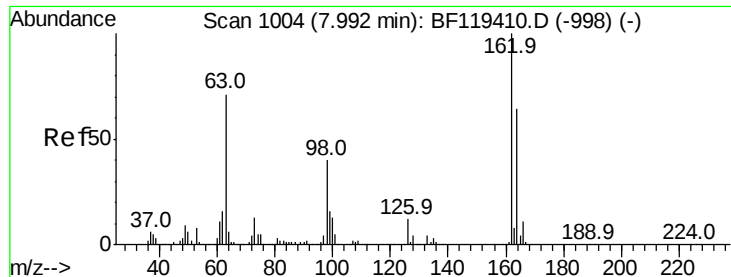
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.704 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

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

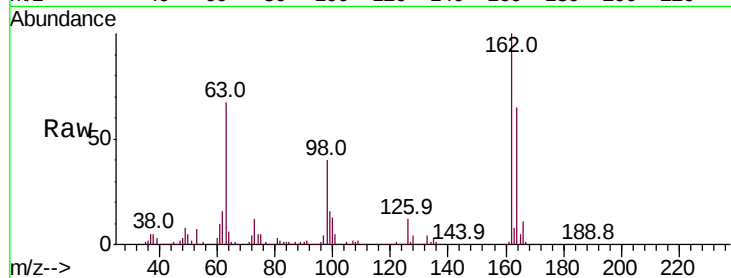




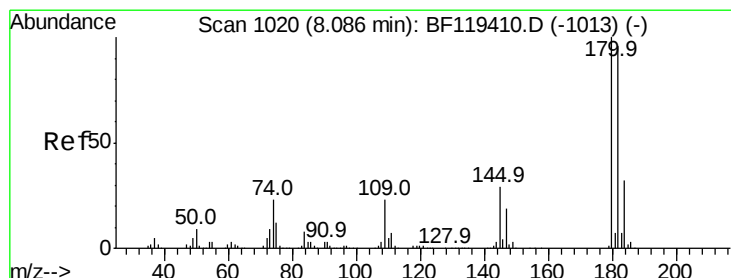
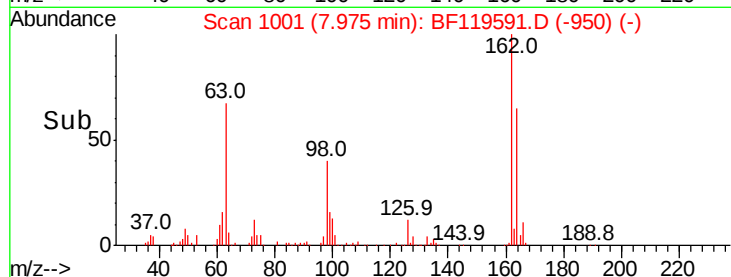
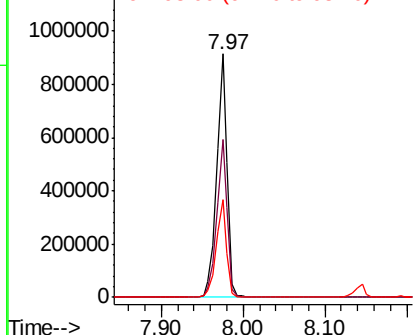
#29
2,4-Dichlorophenol
Concen: 41.349 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

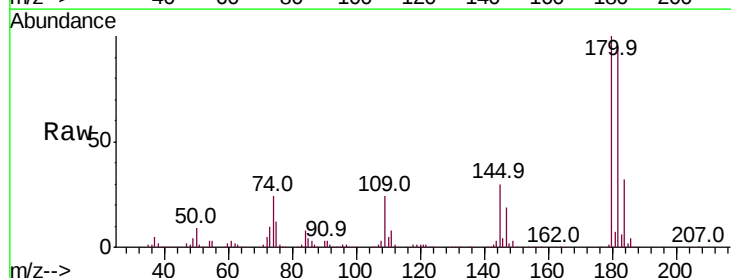


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

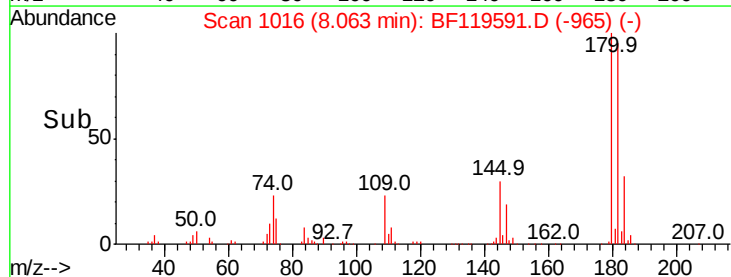
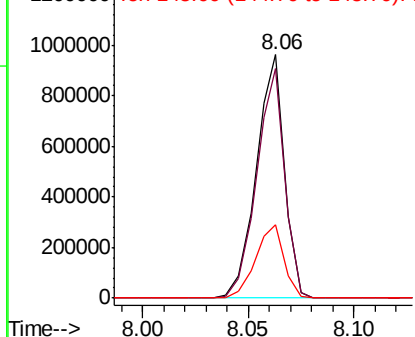


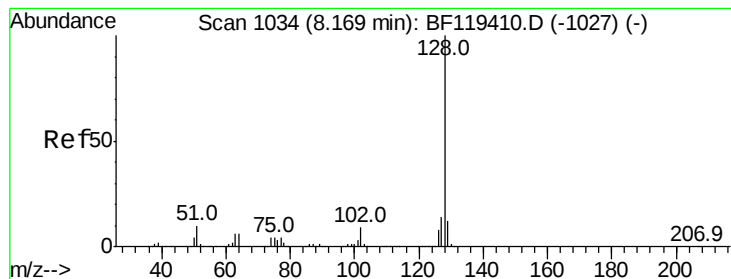
#30
1,2,4-Trichlorobenzene
Concen: 40.307 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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: 40.406 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

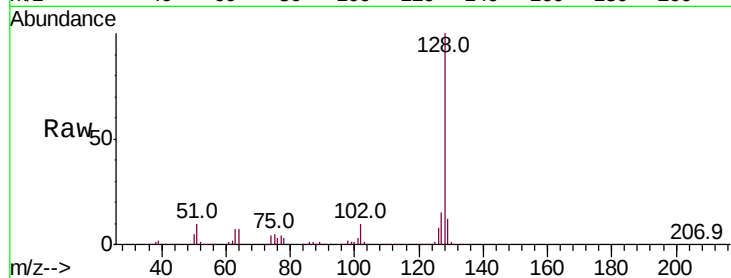
Tot Ion:128 Resp: 2813223

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

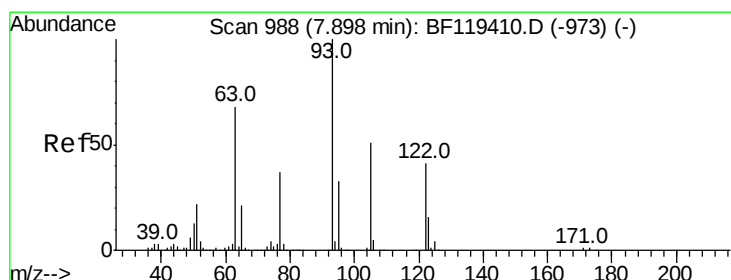
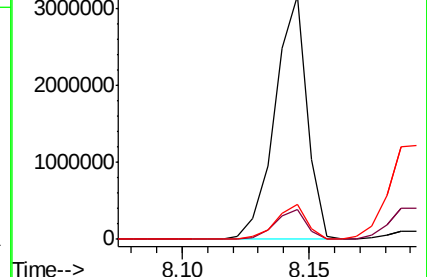
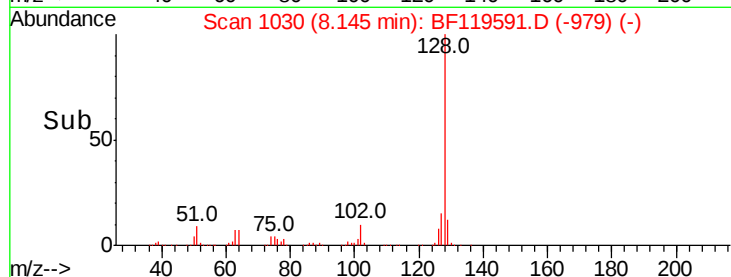
127 14.6 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.523 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

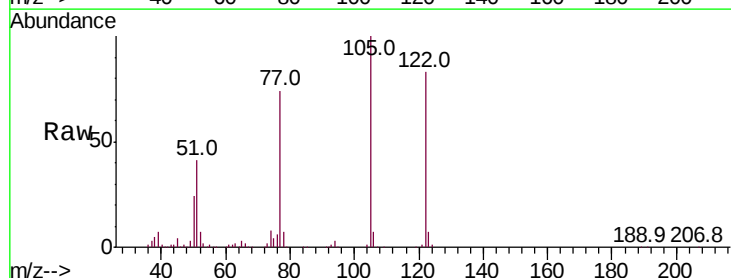
Tgt Ion:122 Resp: 689992

Ion Ratio Lower Upper

122 100

105 121.2 104.9 144.9

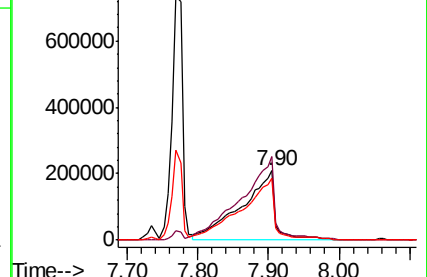
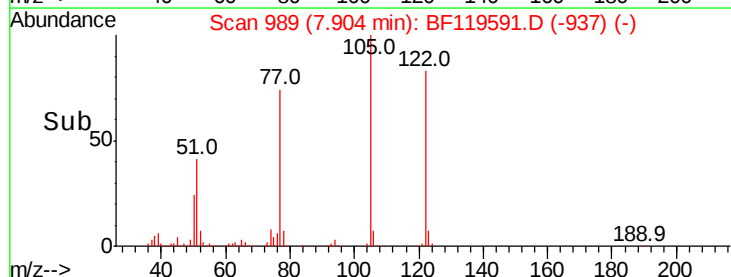
77 89.7 74.4 114.4

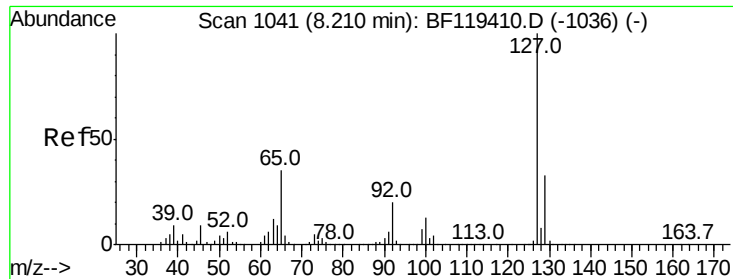


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

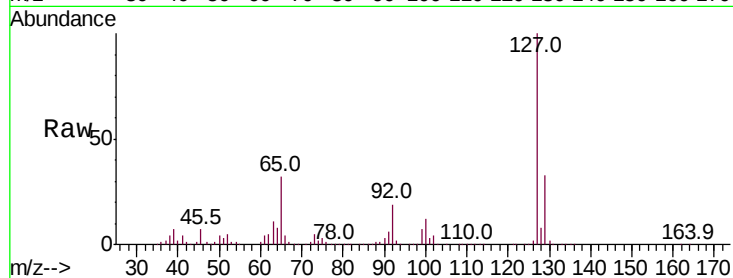




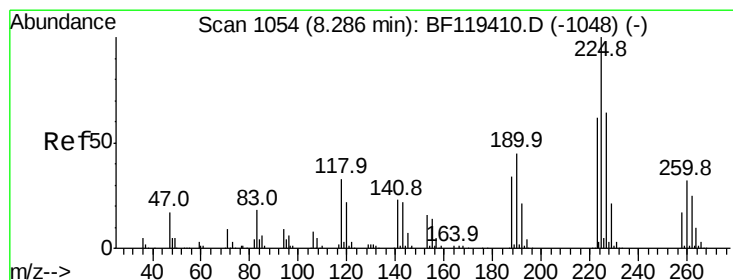
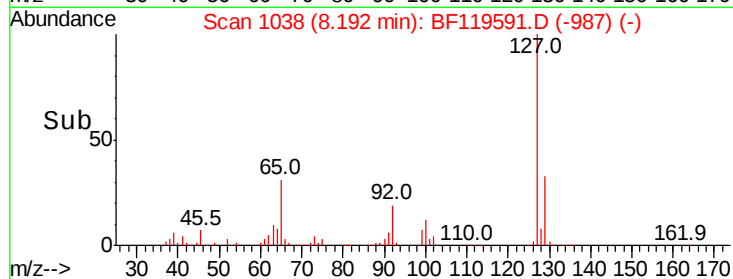
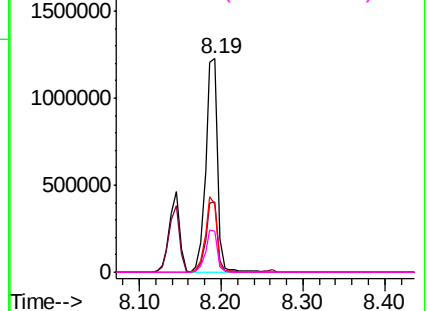
#33
4-Chloroaniline
Concen: 38.778 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

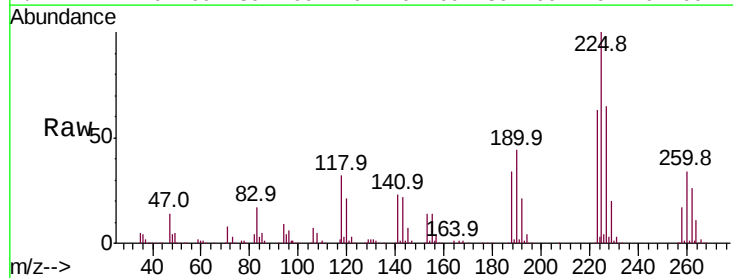


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

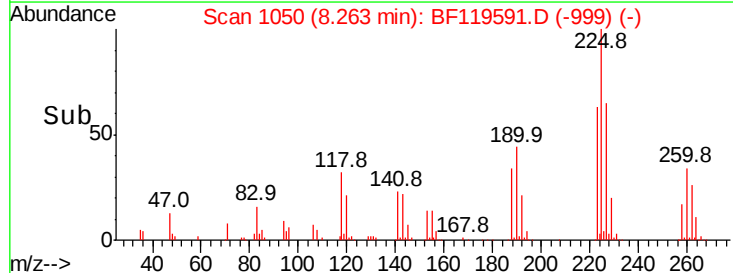
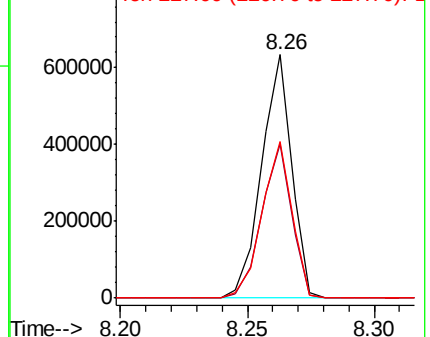


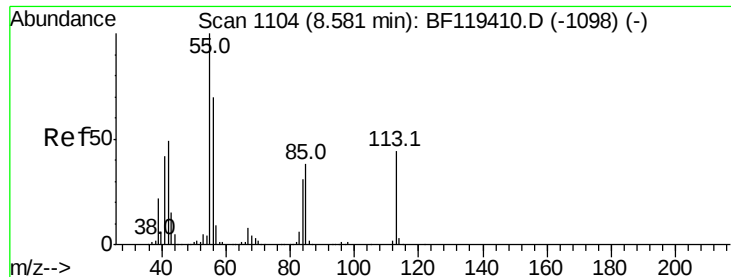
#34
Hexachlorobutadiene
Concen: 42.863 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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

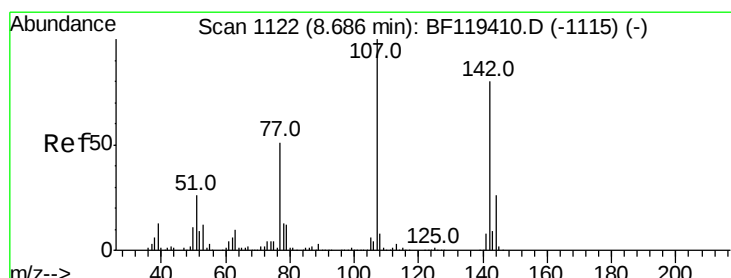
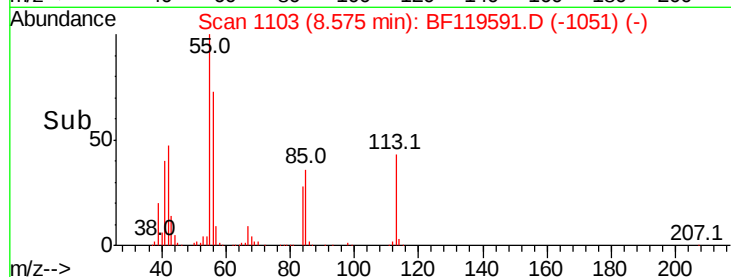
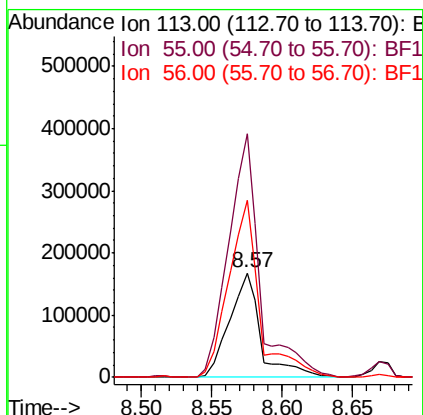
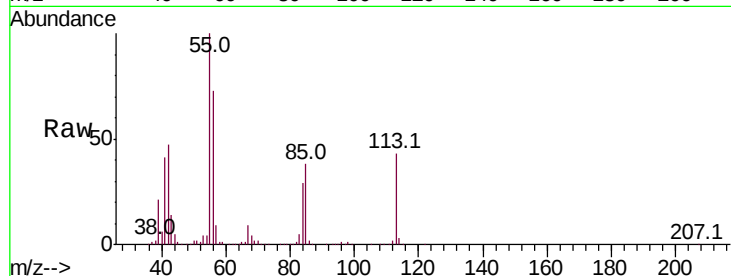




#35
 Caprolactam
 Concen: 39.528 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

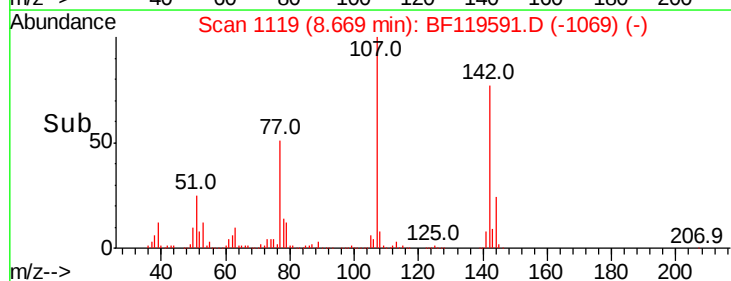
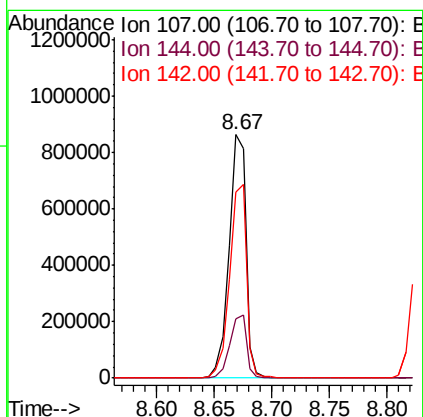
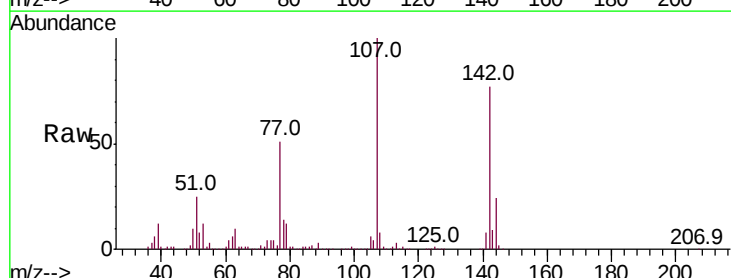
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

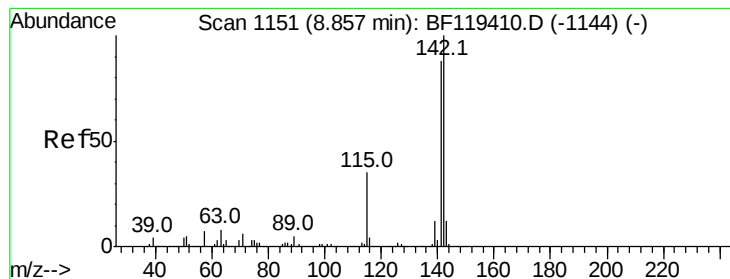
Tot Ion:113 Resp: 257455
 Ion Ratio Lower Upper
 113 100
 55 233.6 218.4 258.4
 56 169.9 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.478 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: 40.604 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

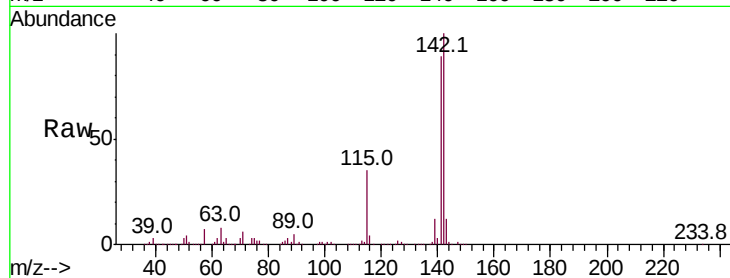
Tot Ion:142 Resp: 1855310

Ion Ratio Lower Upper

142 100

141 88.5 71.7 107.5

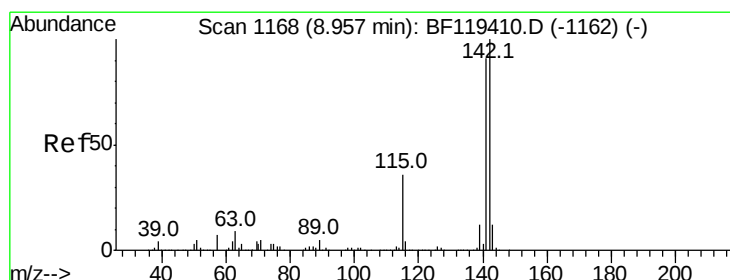
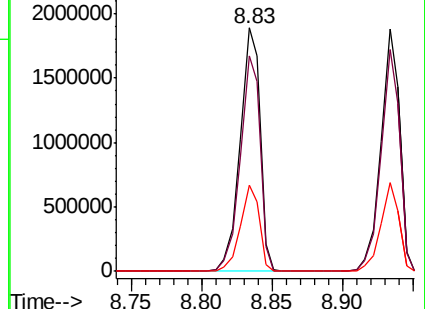
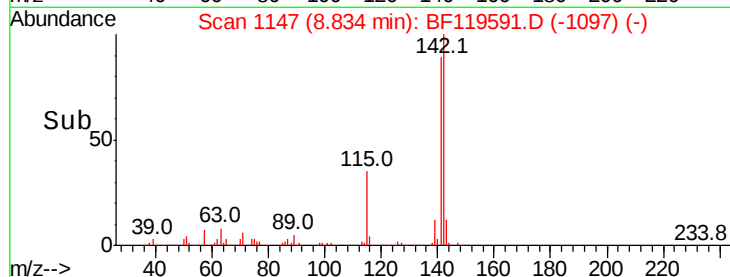
115 35.3 27.9 41.9



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: 40.037 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

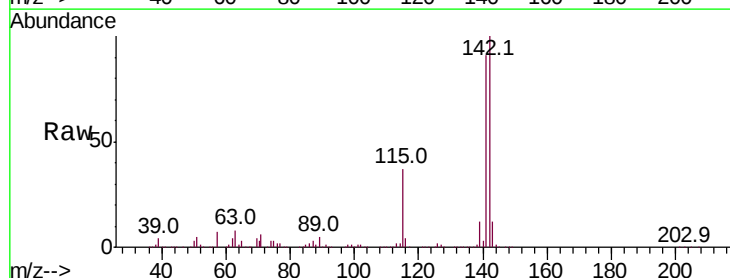
Tgt Ion:142 Resp: 1731550

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

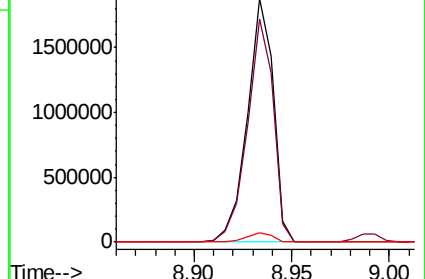
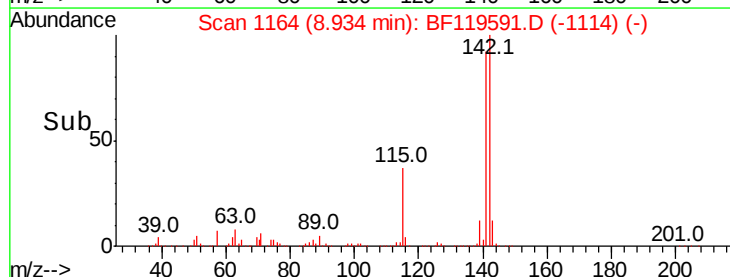
116 3.7 3.0 4.6

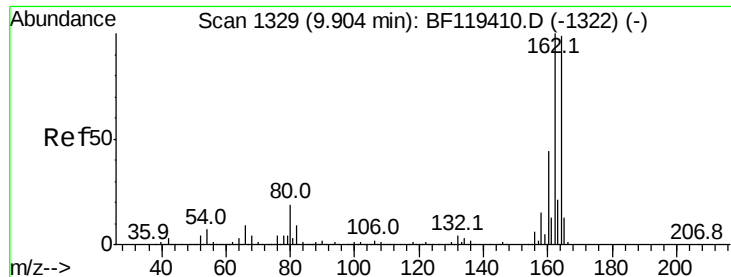


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

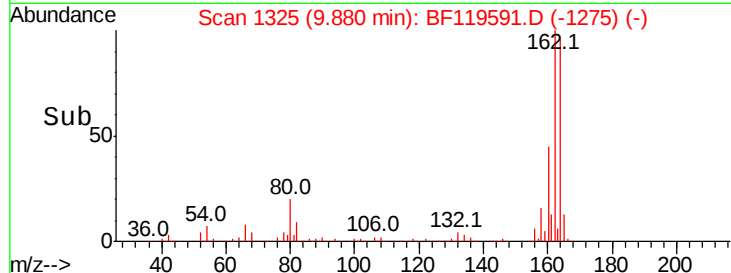
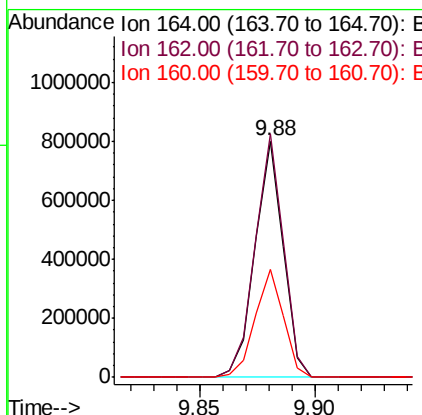
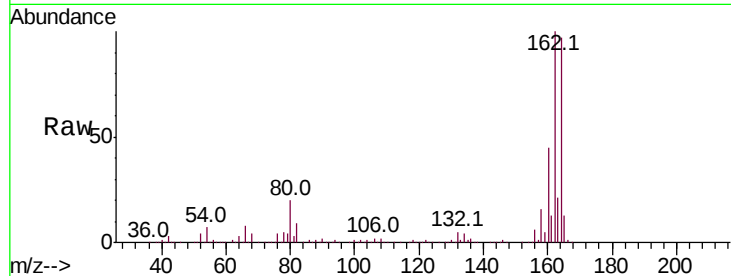




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

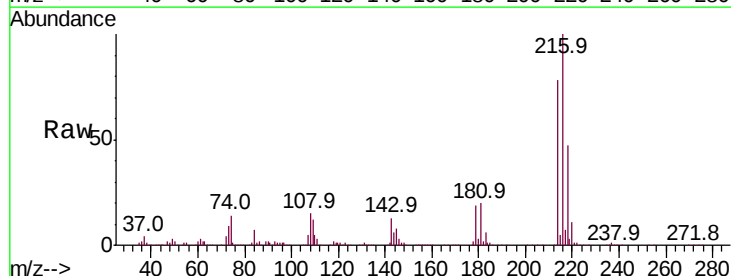
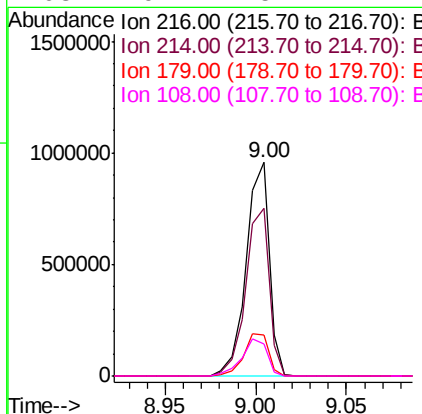
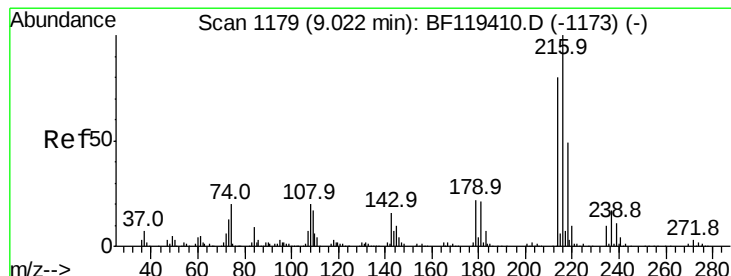
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

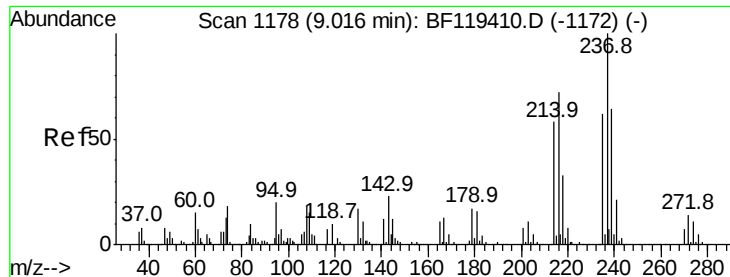
Tot Ion:164 Resp: 686720
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.6 121.0
 160 45.9 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.059 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

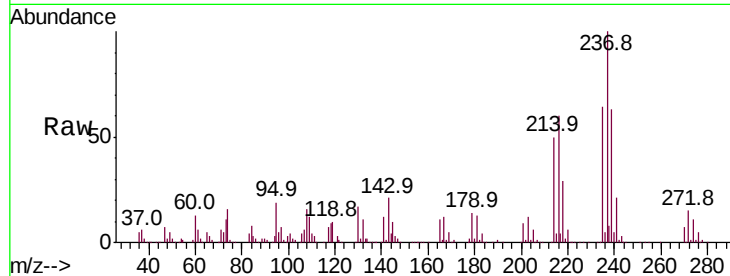




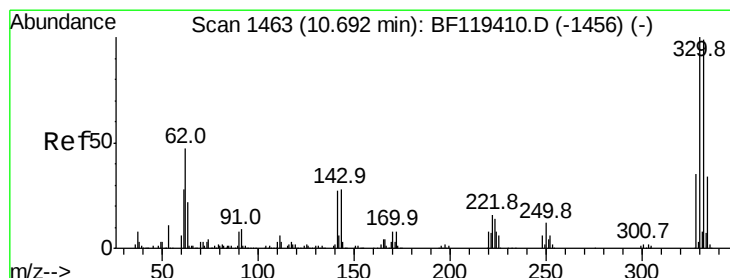
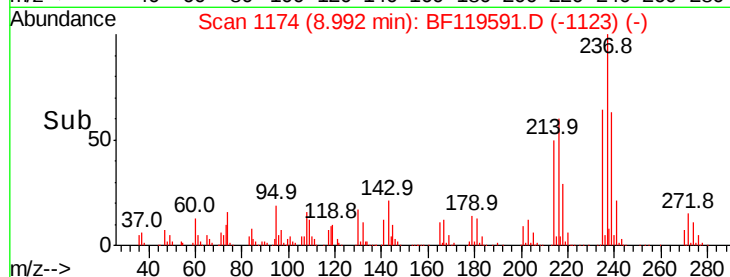
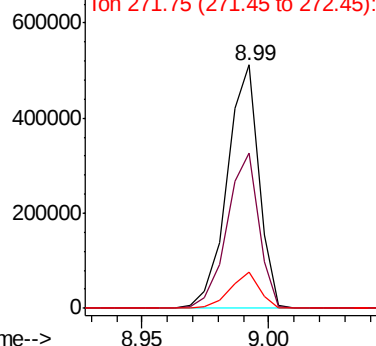
#41
Hexachlorocyclopentadiene
Concen: 39.226 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

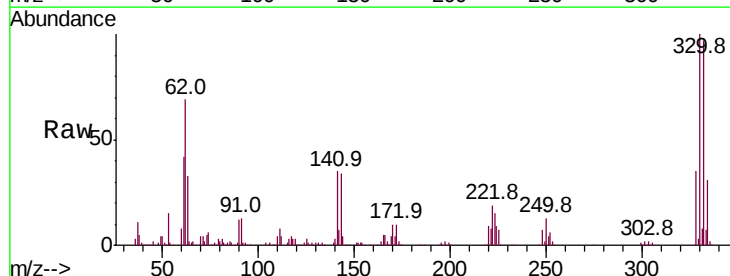


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

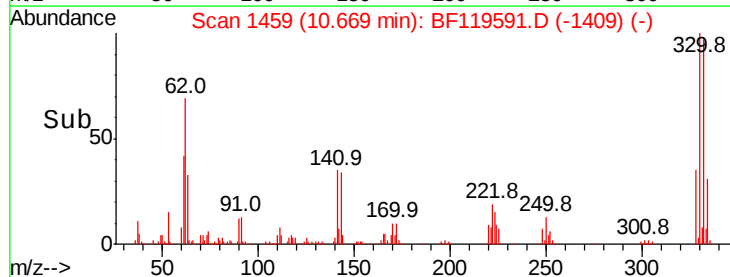
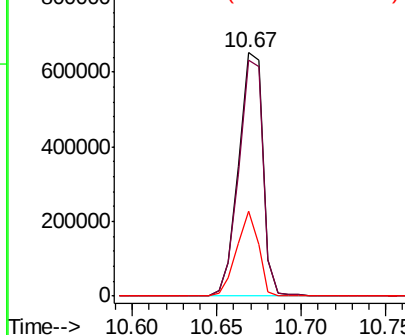


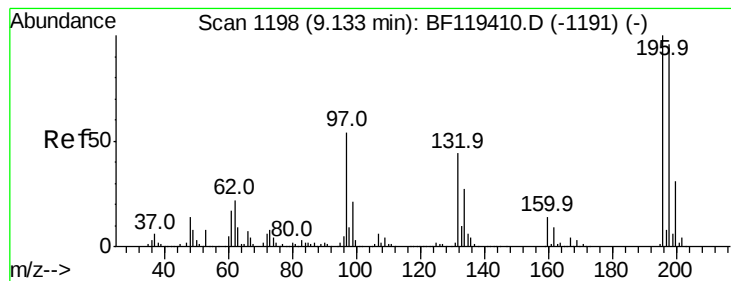
#42
2,4,6-Tribromophenol
Concen: 92.714 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.669 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

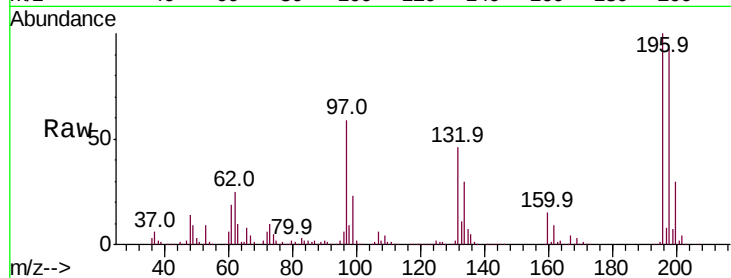
Tot Ion:196 Resp: 614619

Ion Ratio Lower Upper

196 100

198 93.5 76.6 115.0

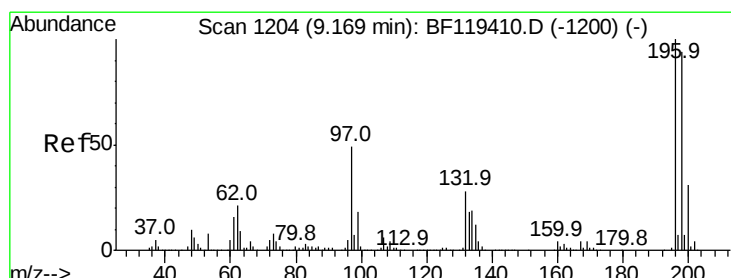
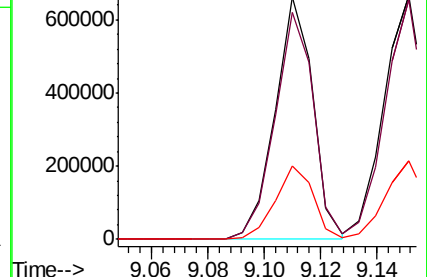
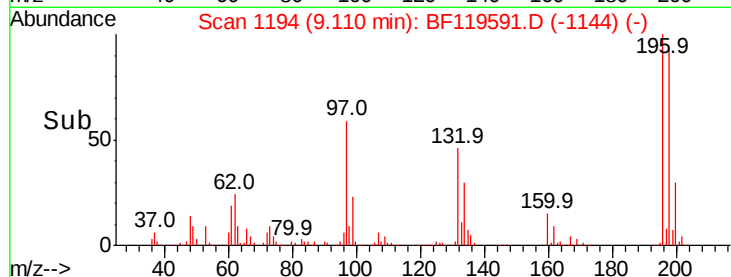
200 30.4 24.6 36.8



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: 42.540 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

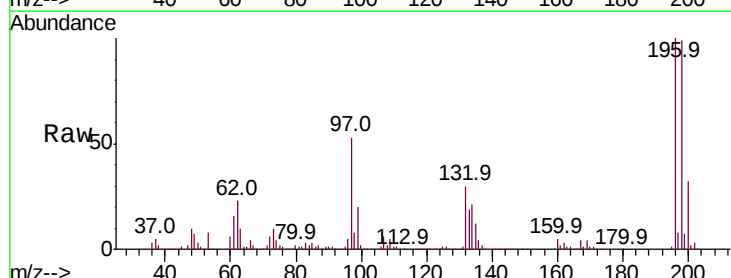
Ion Ratio Lower Upper

196 100

198 98.7 73.8 110.8

97 53.5 42.6 63.8

132 30.3 24.0 36.0

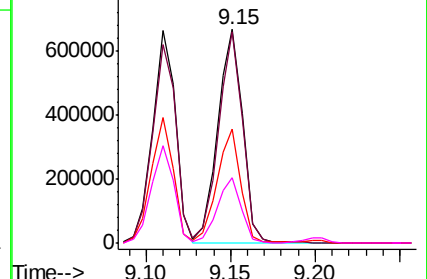
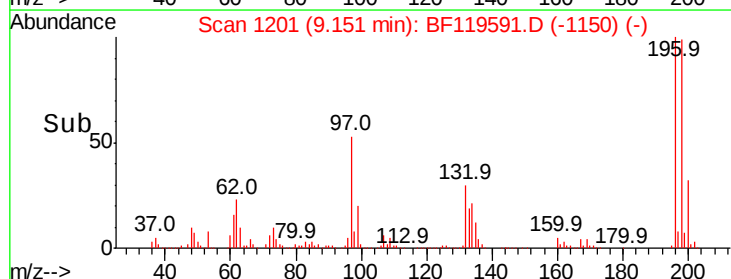


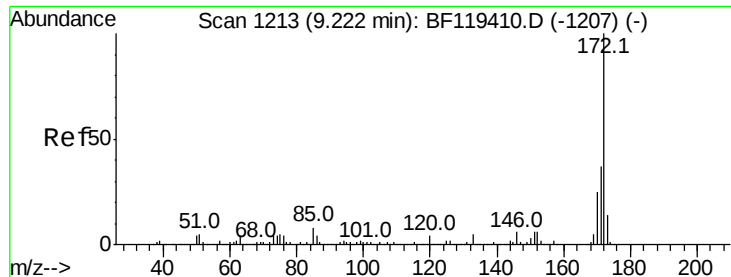
Abundance Ion 196.00 (195.70 to 196.70): E

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



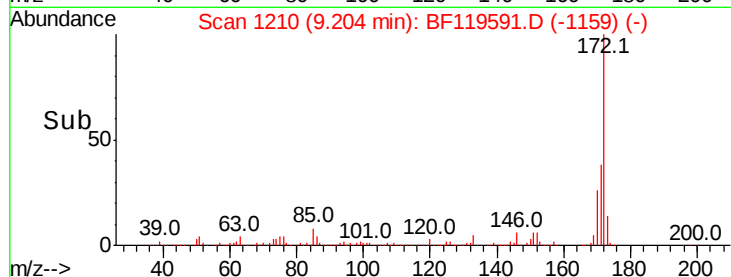
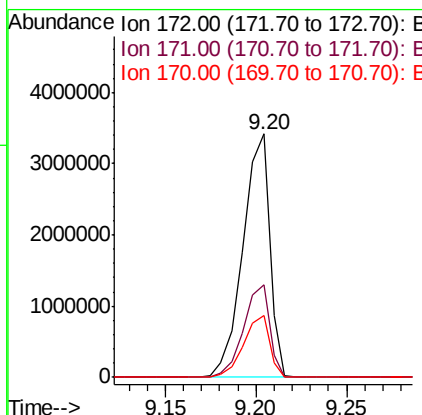
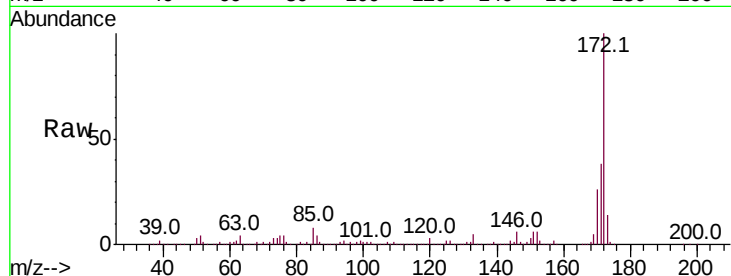


#45
 2-Fluorobiphenyl
 Concen: 75.891 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 3517859

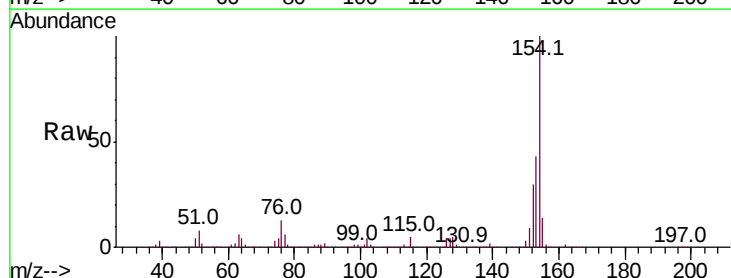
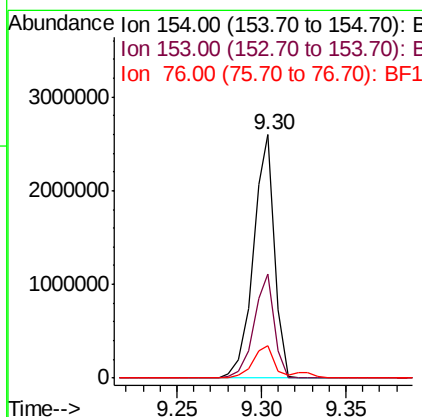
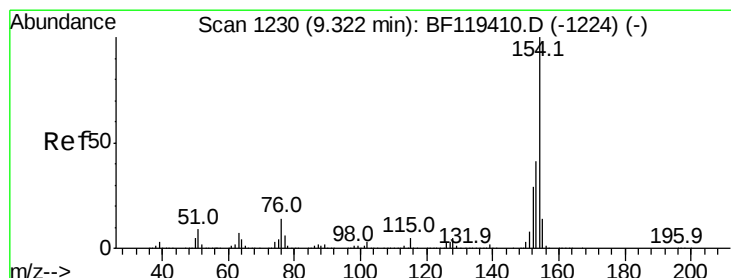
Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.6	44.4
170	25.6	20.2	30.2

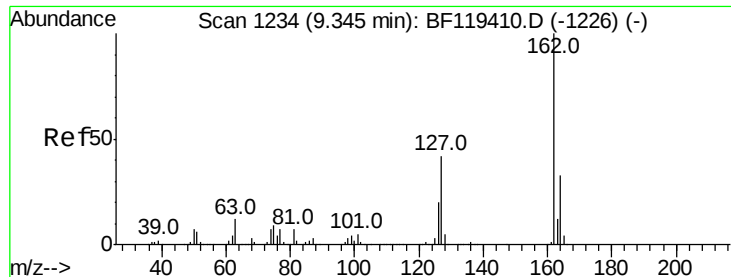


#46
 1,1'-Biphenyl
 Concen: 40.381 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

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





#47

2-Chloronaphthalene

Concen: 40.316 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

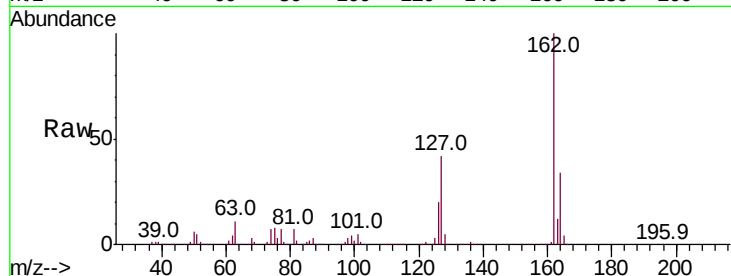
Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1766242

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.7	50.5
164	33.9	26.3	39.5

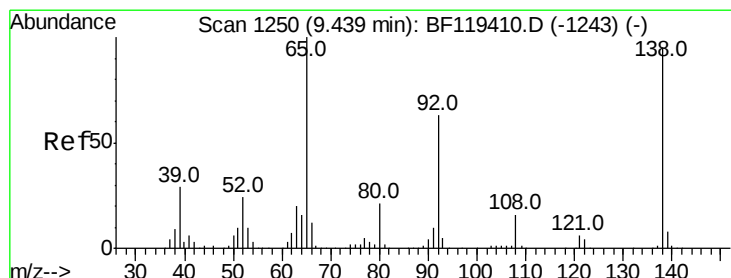
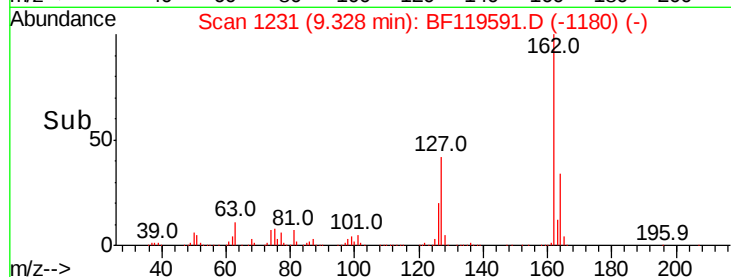
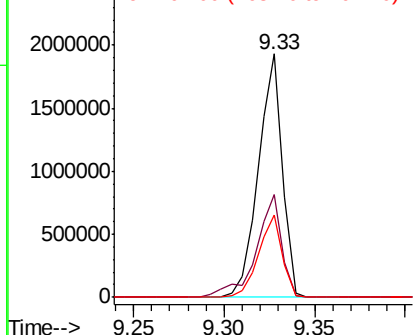


Abundance

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: 43.817 ng

RT: 9.42 min Scan# 1247

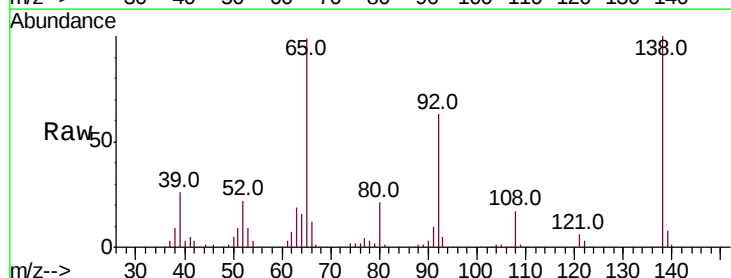
Delta R.T. -0.00 min

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

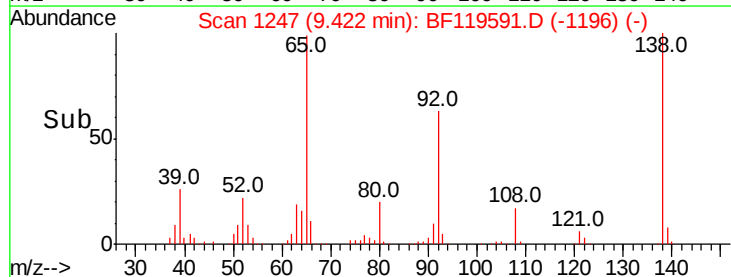
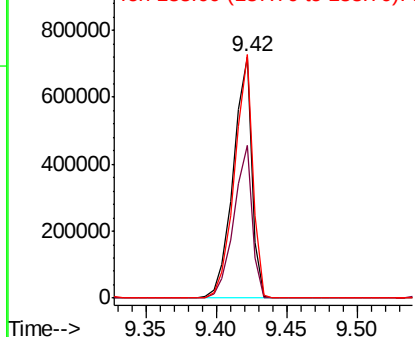


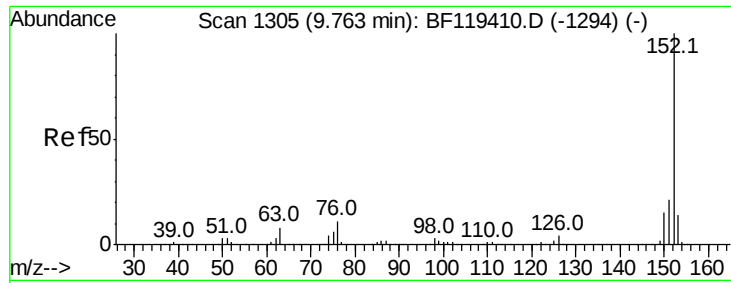
Abundance

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: 39.400 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

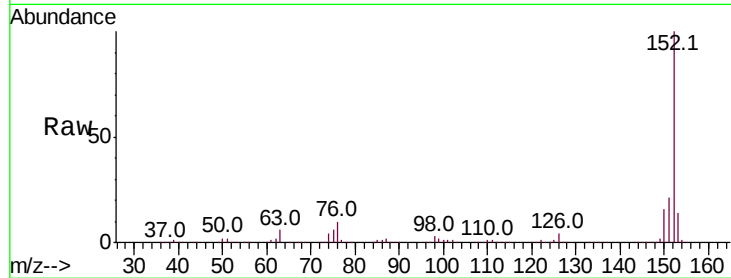
Tot Ion:152 Resp: 2710690

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

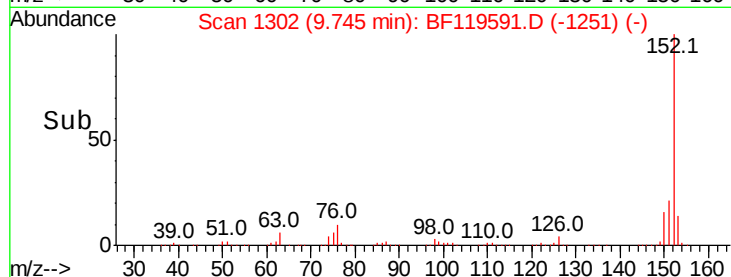
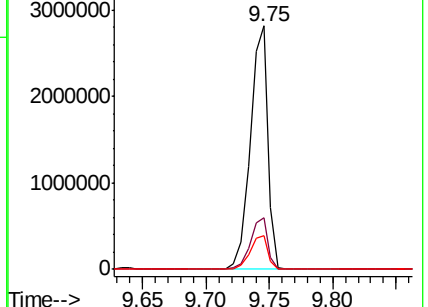
153 14.0 11.2 16.8



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: 41.527 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

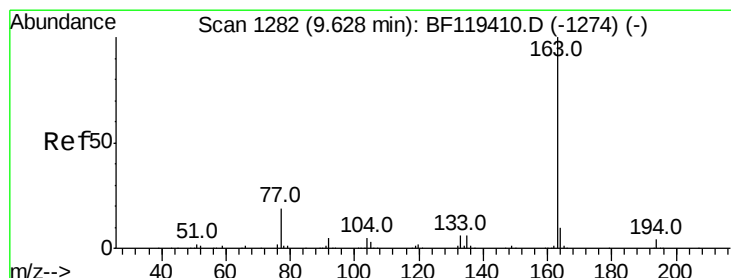
Tgt Ion:163 Resp: 2025622

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

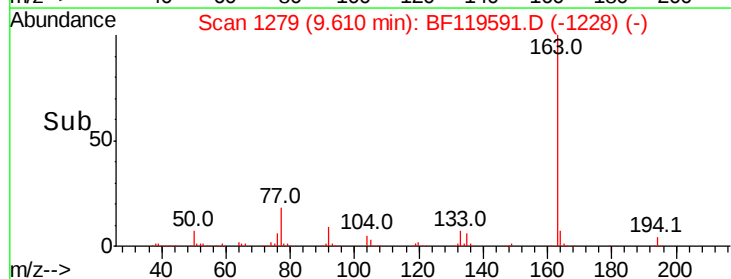
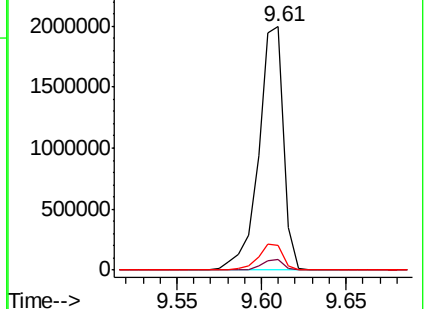
164 10.1 8.2 12.2

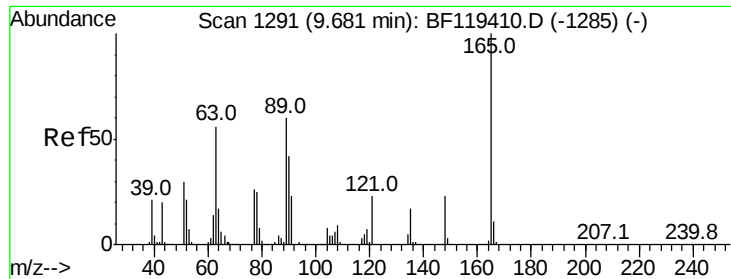


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

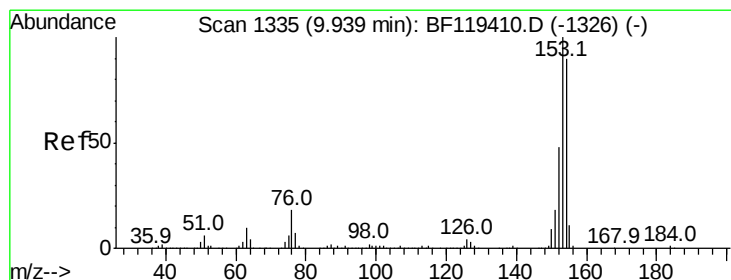
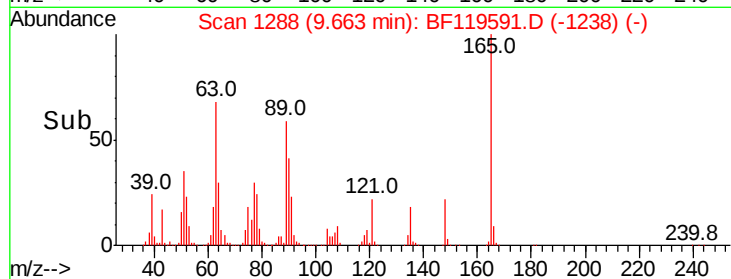
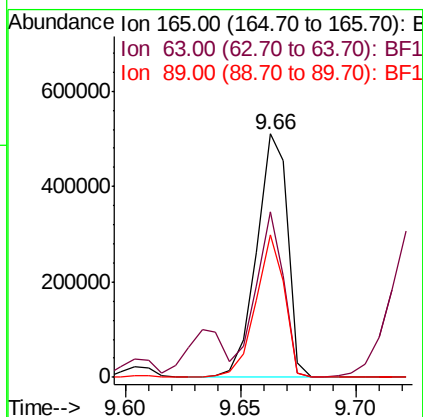
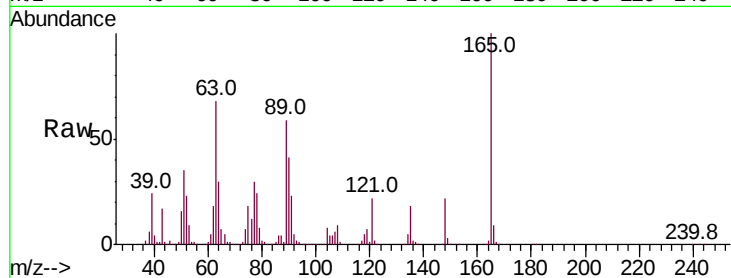




#51
 2,6-Dinitrotoluene
 Concen: 45.785 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

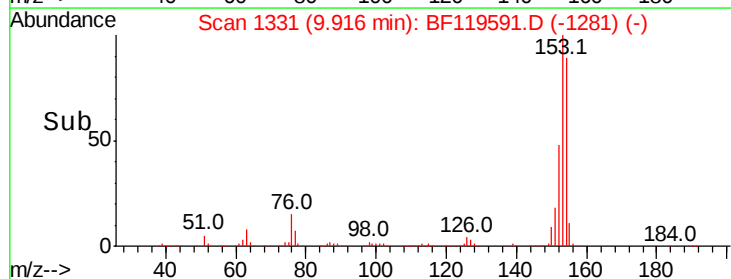
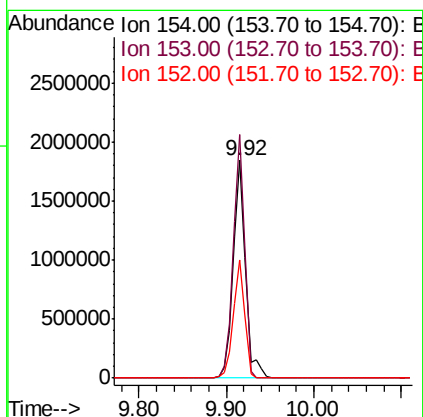
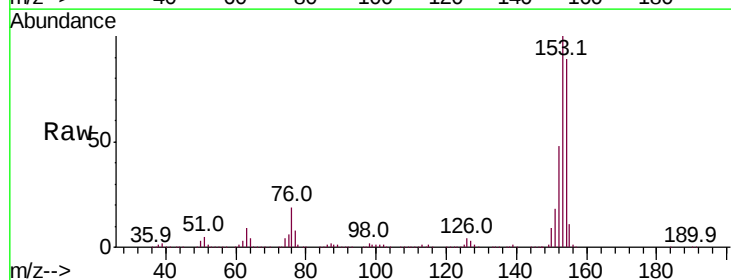
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

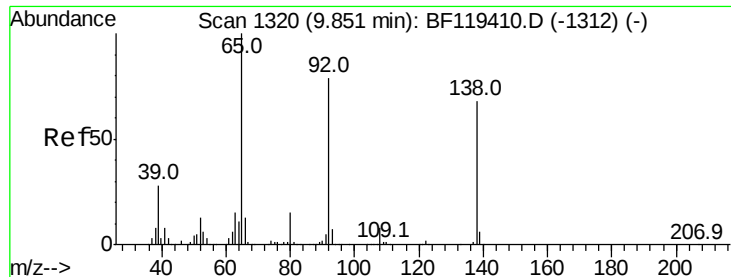
Tot Ion:165 Resp: 478694
 Ion Ratio Lower Upper
 165 100
 63 68.1 45.0 67.4#
 89 58.6 41.5 62.3



#52
 Acenaphthene
 Concen: 40.969 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

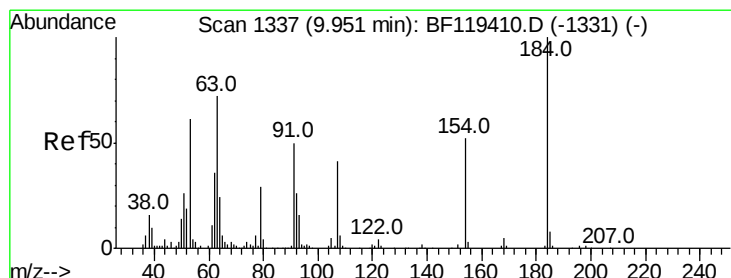
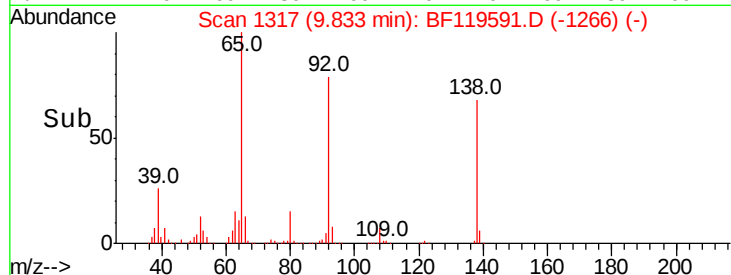
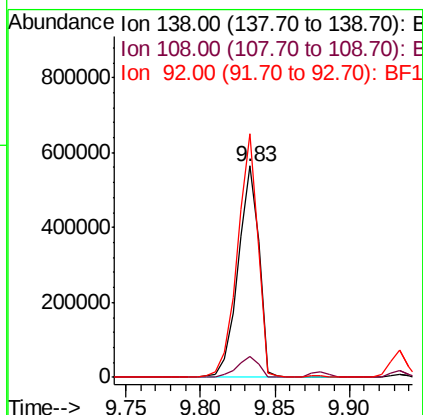
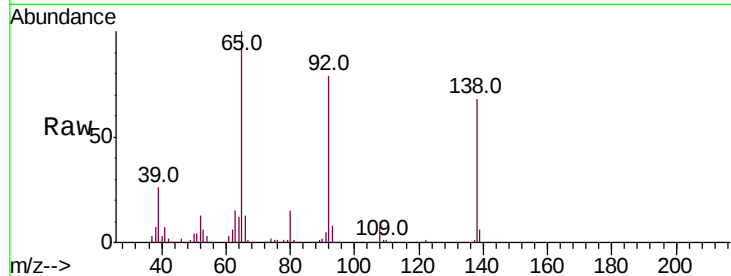




#53
3-Nitroaniline
Concen: 41.652 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

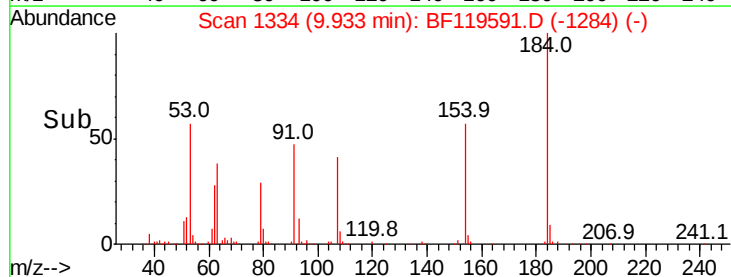
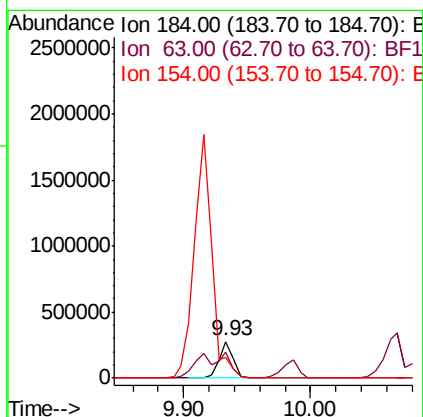
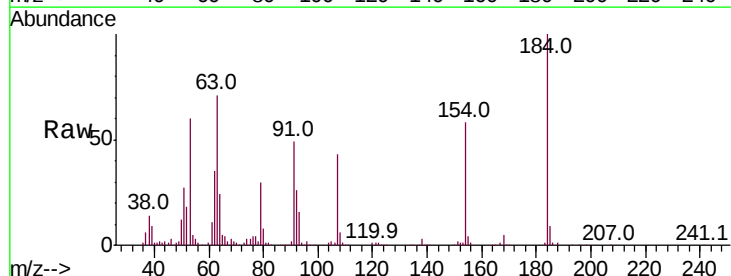
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

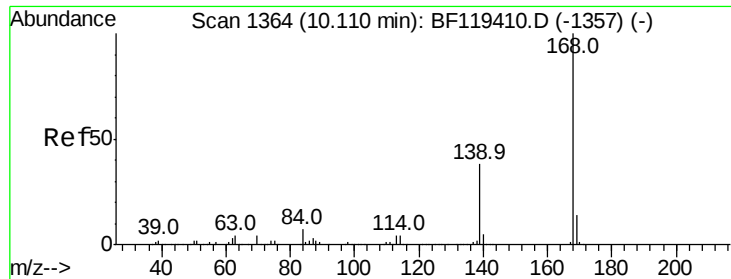
Tot Ion:138 Resp: 549796
Ion Ratio Lower Upper
138 100
108 10.1 8.6 13.0
92 115.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 51.450 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

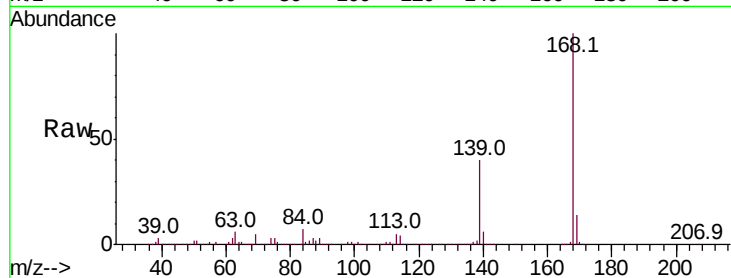




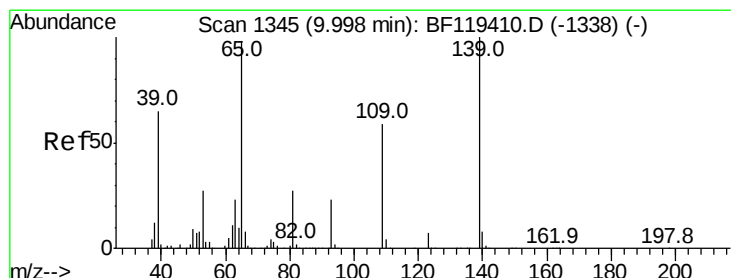
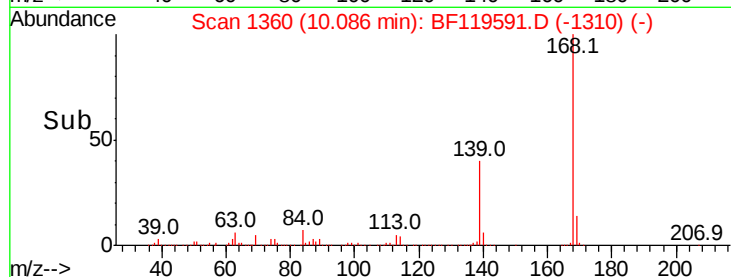
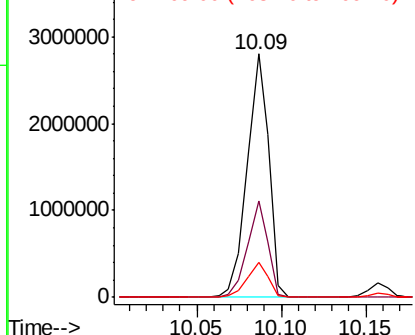
#55
Dibenzofuran
Concen: 40.833 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

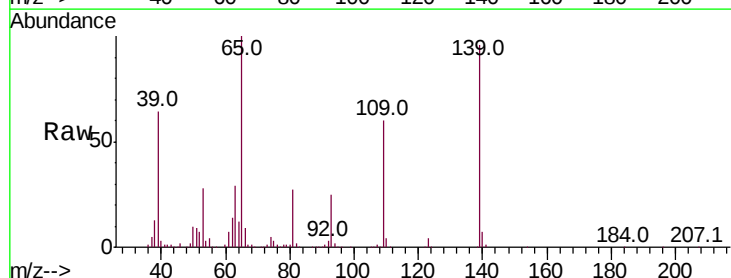


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

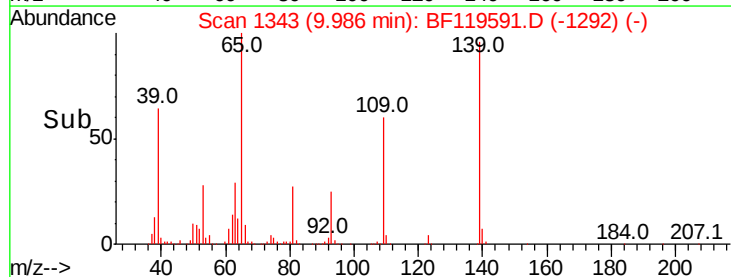
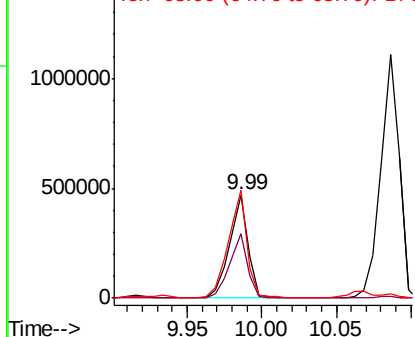


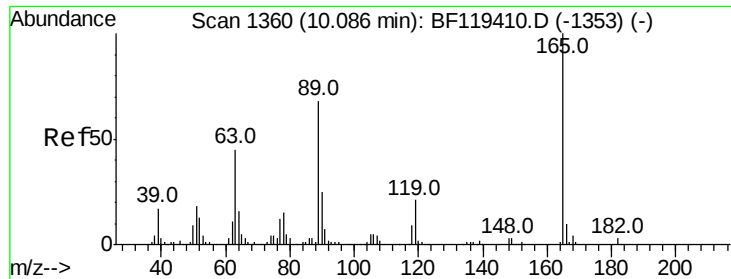
#56
4-Nitrophenol
Concen: 40.547 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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



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

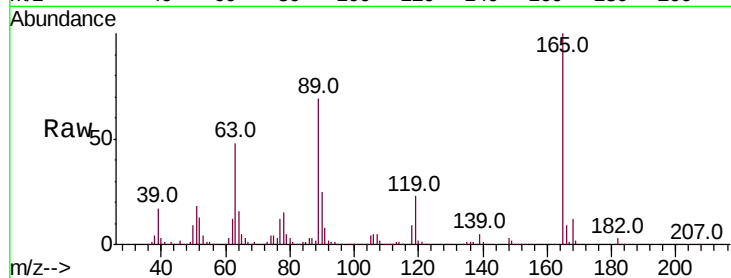




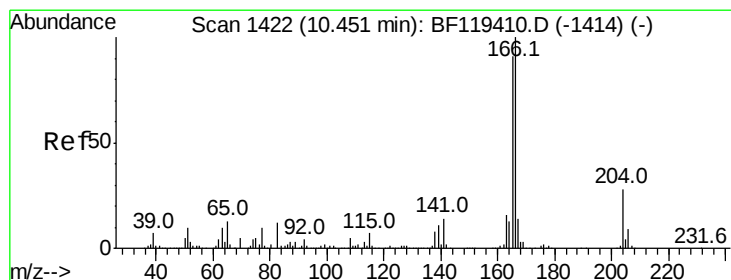
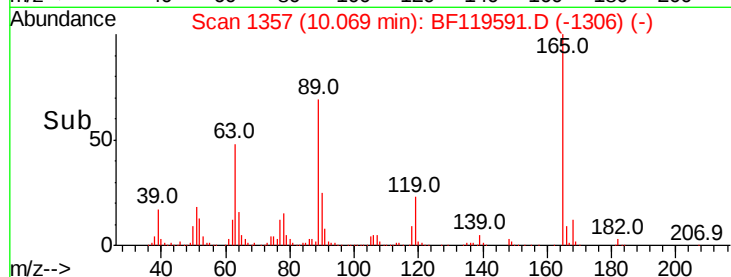
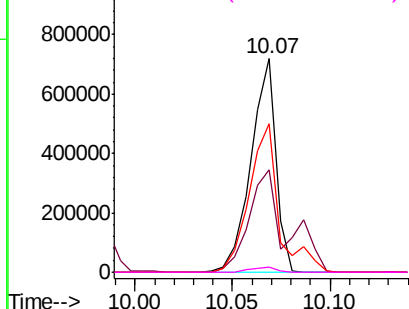
#57
2,4-Dinitrotoluene
Concen: 48.329 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

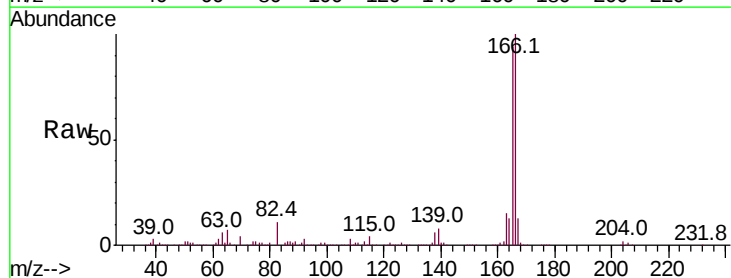


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

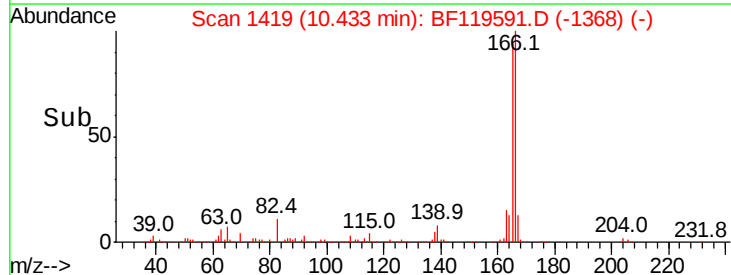
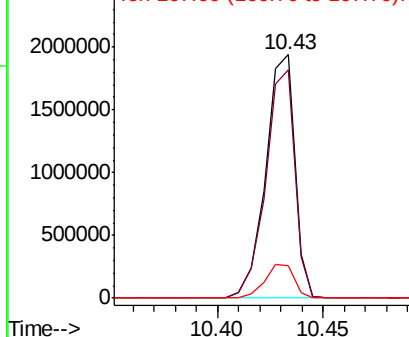


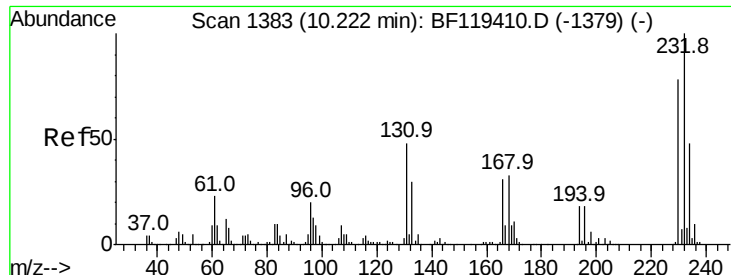
#58
Fluorene
Concen: 40.921 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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

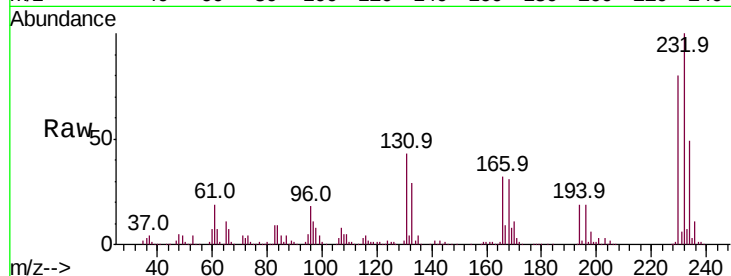




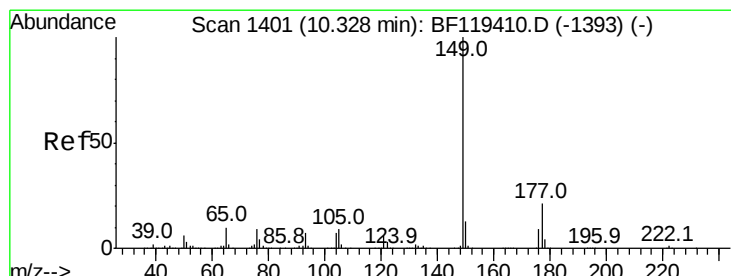
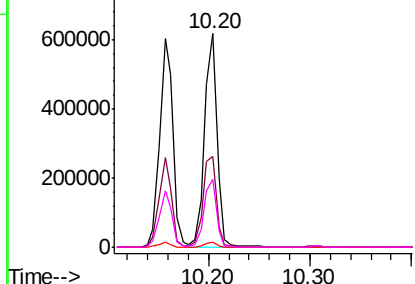
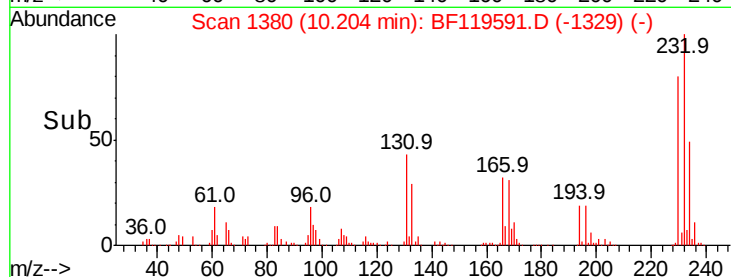
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.720 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot 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

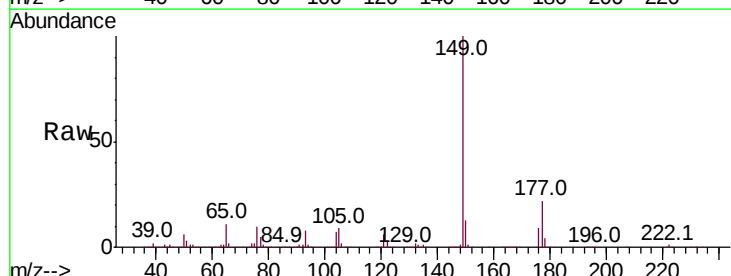


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

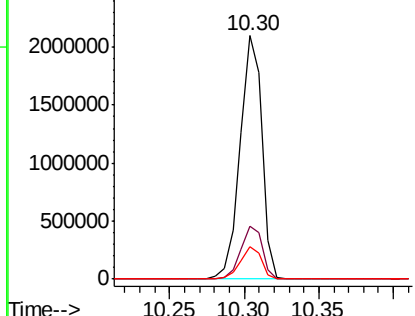
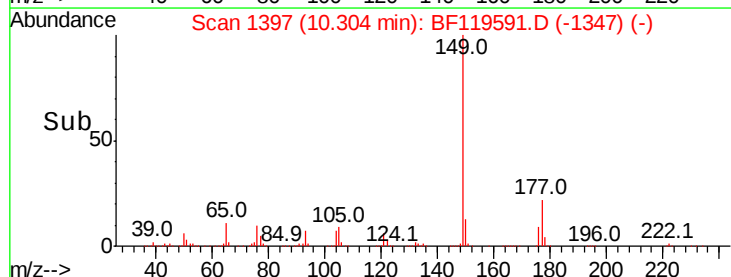


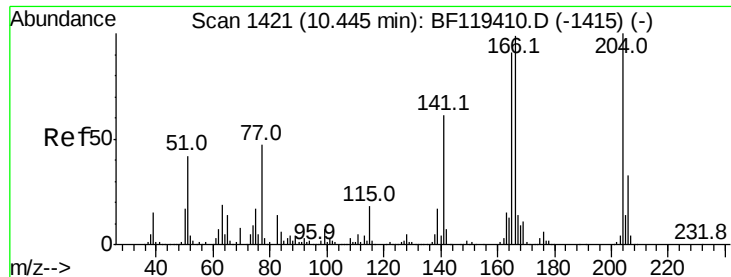
#60
 Diethylphthalate
 Concen: 43.041 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

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



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

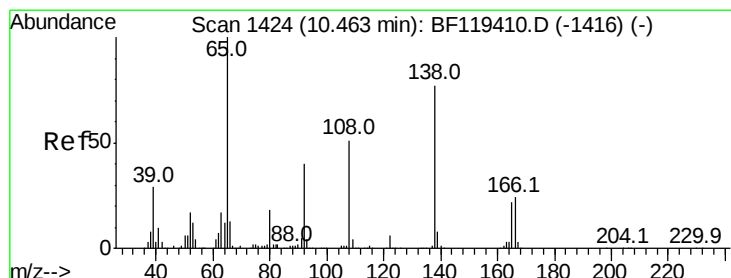
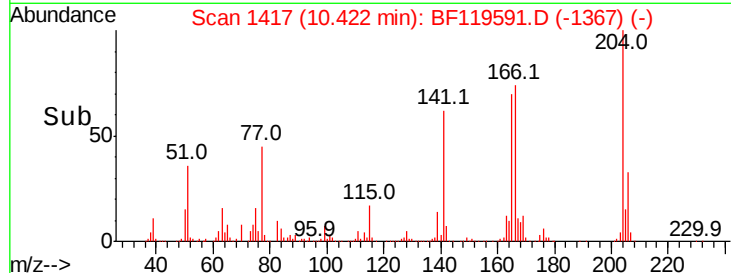
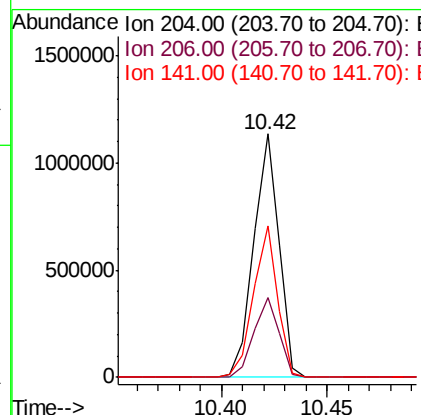
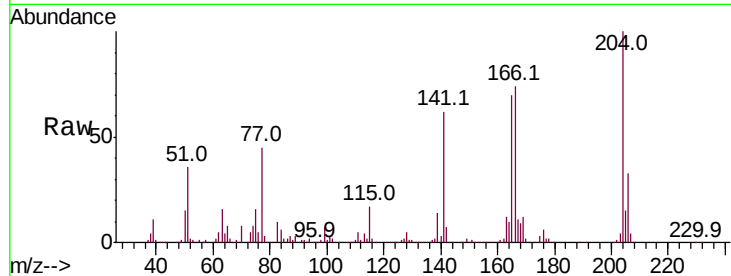




#61
 4-Chlorophenyl-phenylether
 Concen: 42.374 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

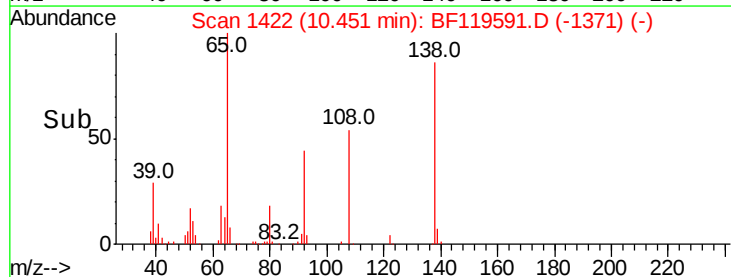
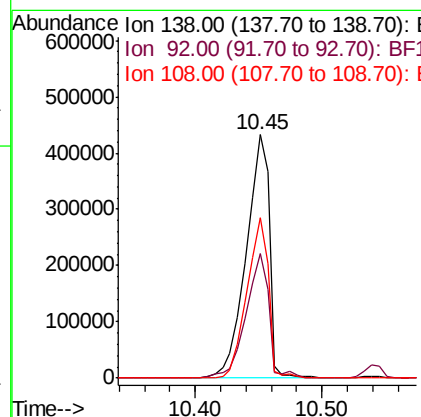
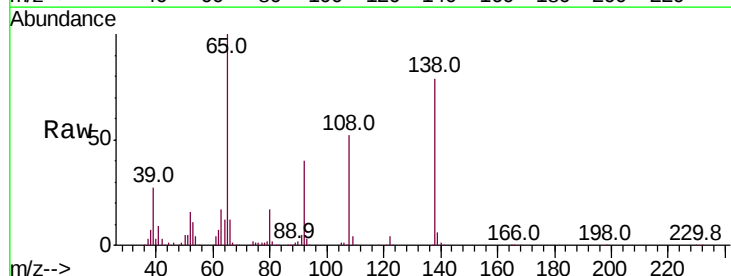
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

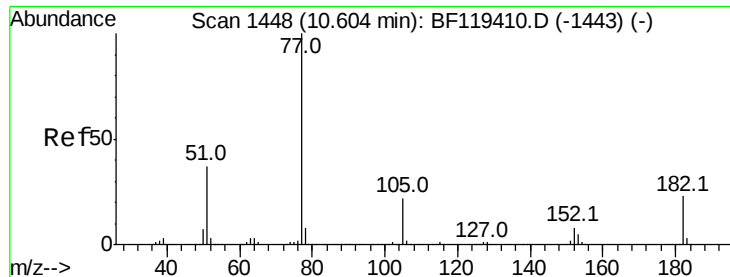
Tot Ion:	204	Resp:	942286
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	62.2	47.3	70.9



#62
 4-Nitroaniline
 Concen: 43.226 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: 41.724 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

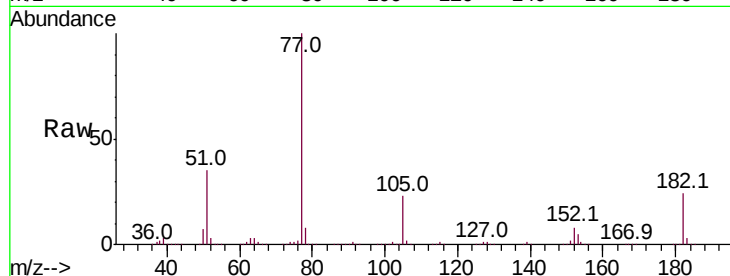
BNA_F

ClientSampleId :

SSTDCCC040

Tot 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

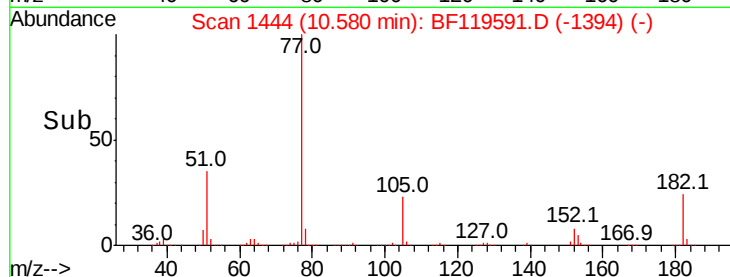


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



Time-->

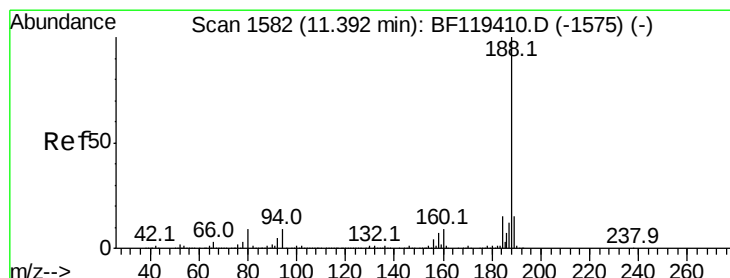
10.58

2000000

1000000

0

10.55 10.60 10.65



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

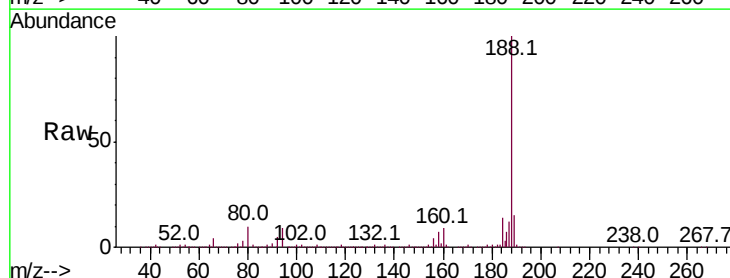
Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Tgt Ion: 188 Resp: 1332191

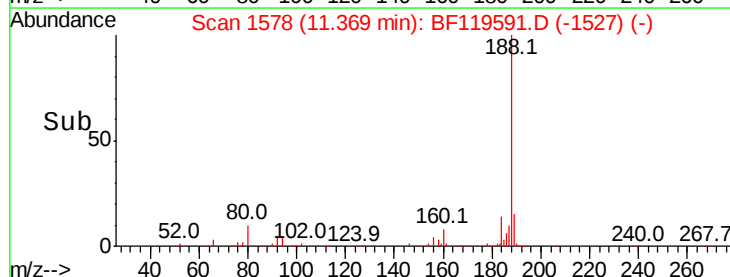
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.0	9.0	13.4



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



Time-->

11.37

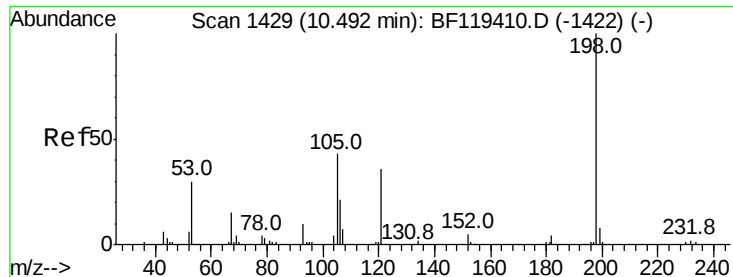
1500000

1000000

500000

0

11.30 11.35 11.40



#65

4,6-Dinitro-2-methylphenol

Concen: 56.469 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

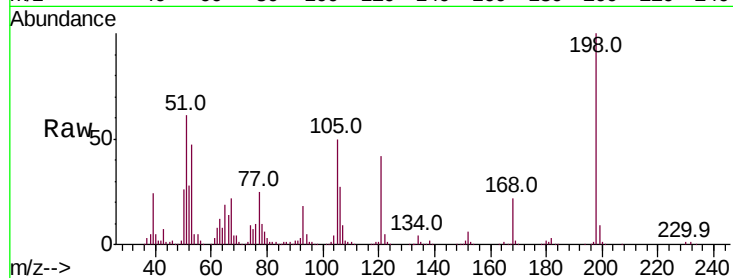
Tot Ion:198 Resp: 315450

Ion Ratio Lower Upper

198 100

51 61.5 29.0 69.0

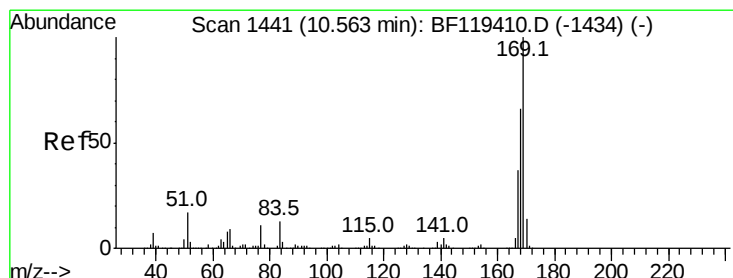
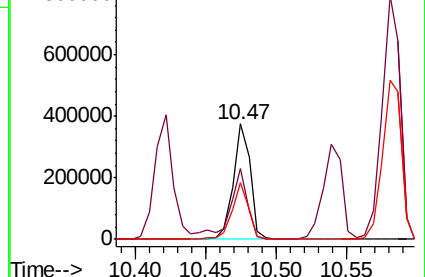
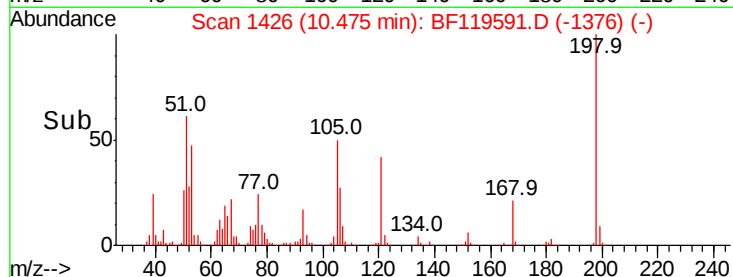
105 49.5 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.334 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

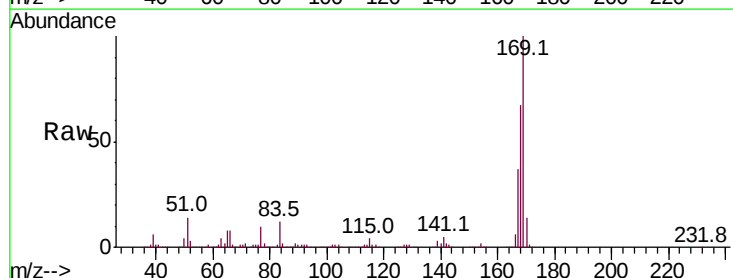
Tgt Ion:169 Resp: 1763938

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

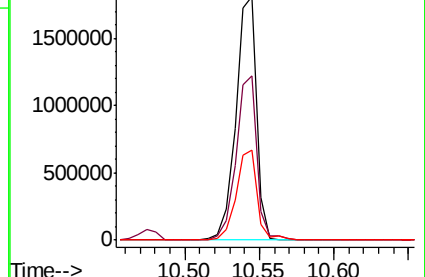
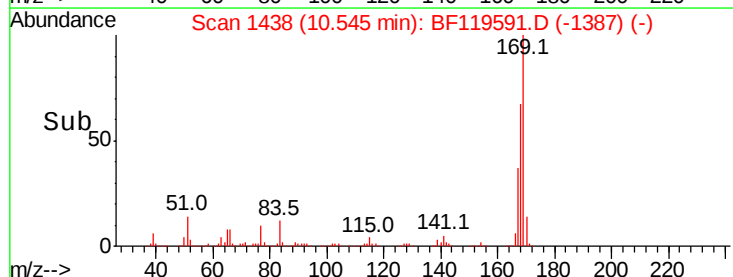
167 37.0 29.1 43.7

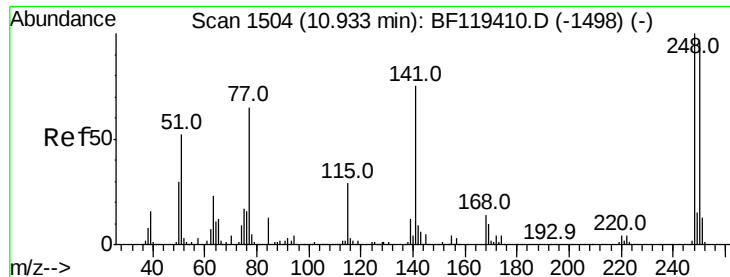


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

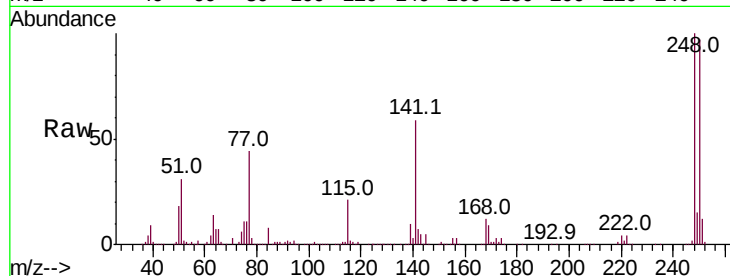




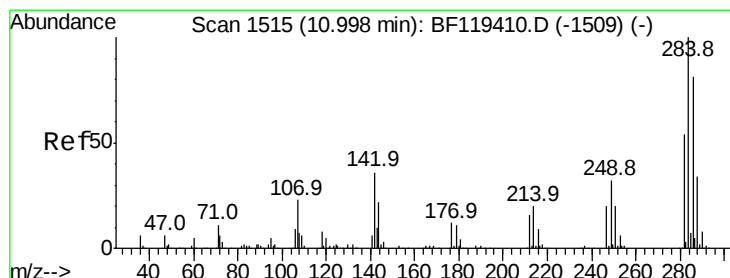
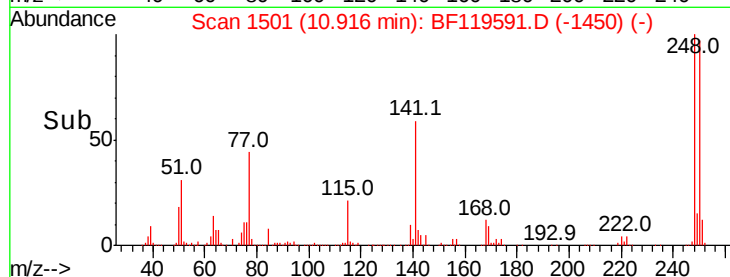
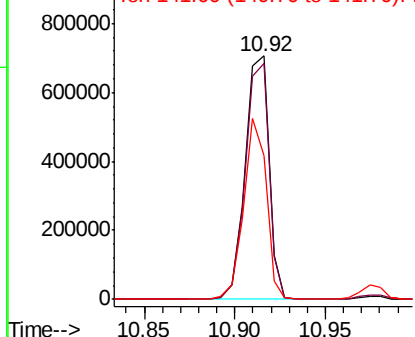
#67
4-Bromophenyl-phenylether
Concen: 42.831 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

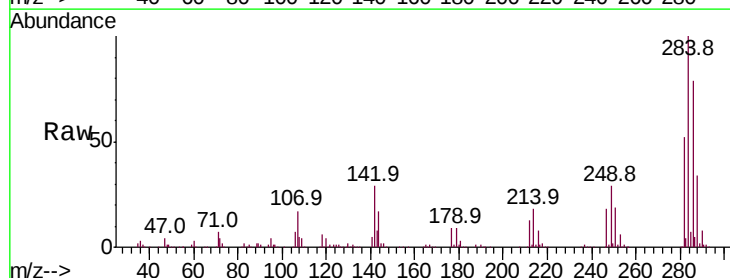


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

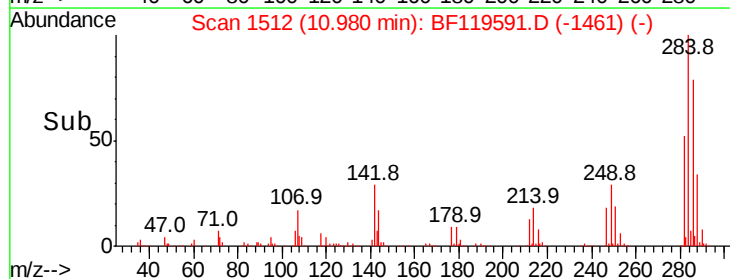
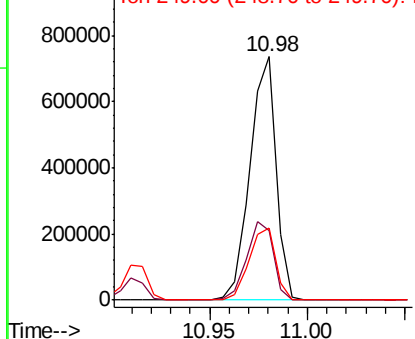


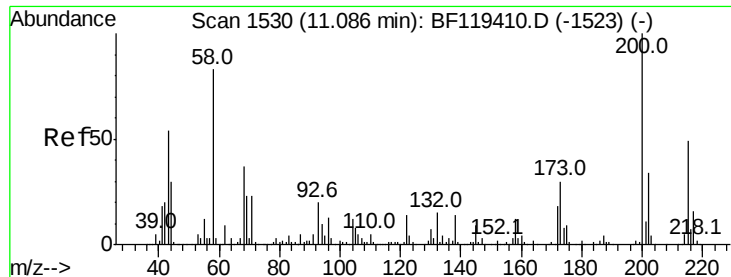
#68
Hexachlorobenzene
Concen: 43.792 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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

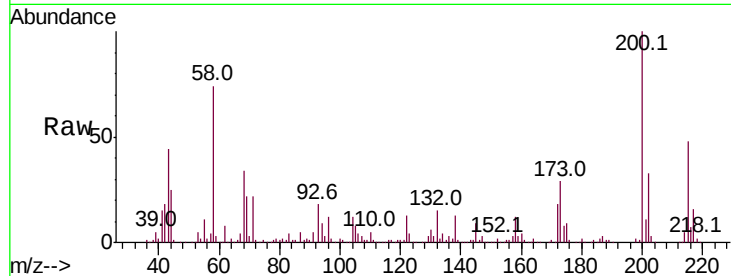




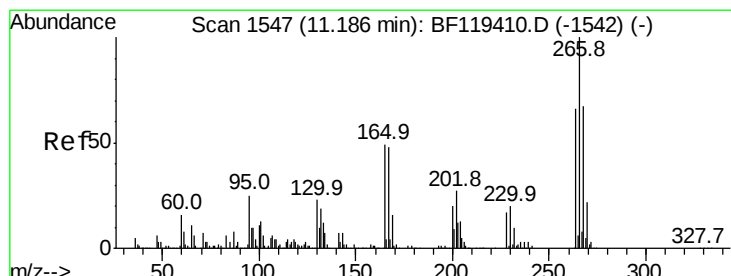
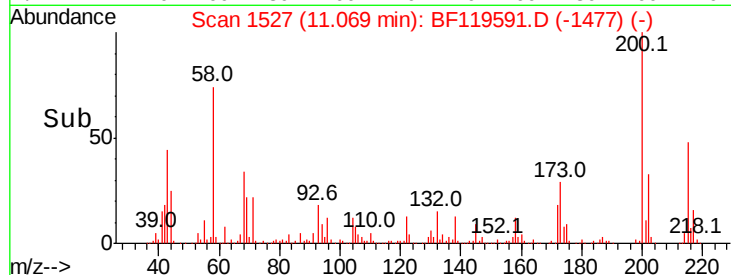
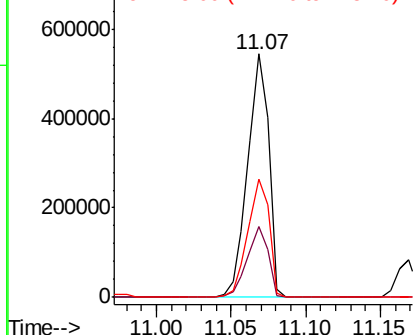
#69
Atrazine
Concen: 44.381 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 532113
Ion Ratio Lower Upper
200 100
173 29.2 9.3 49.3
215 48.5 29.5 69.5

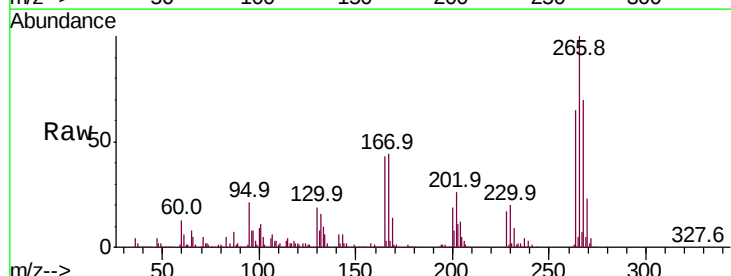


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

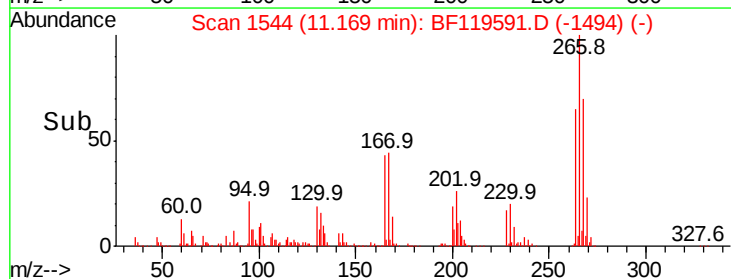
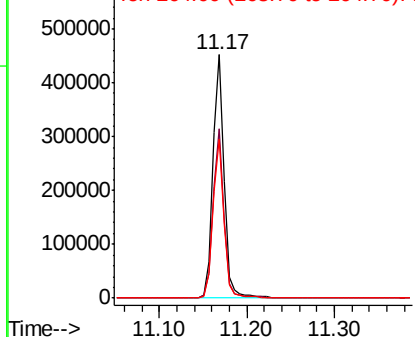


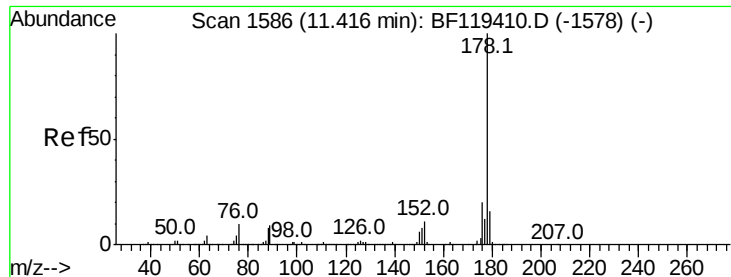
#70
Pentachlorophenol
Concen: 44.531 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

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: 39.938 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

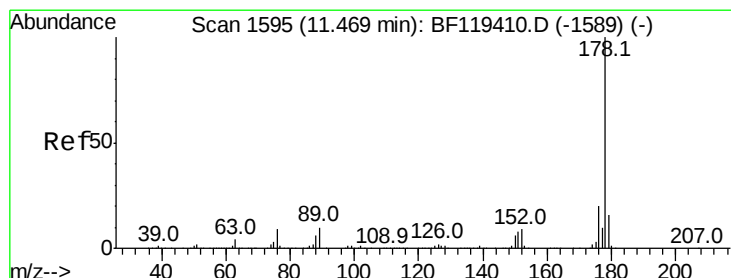
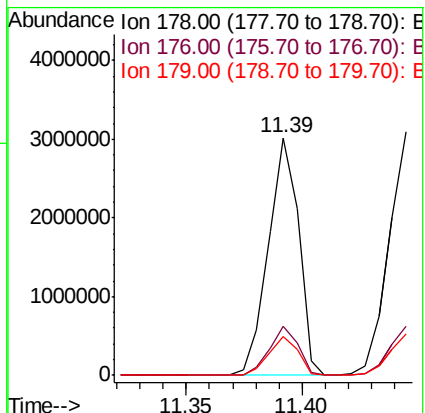
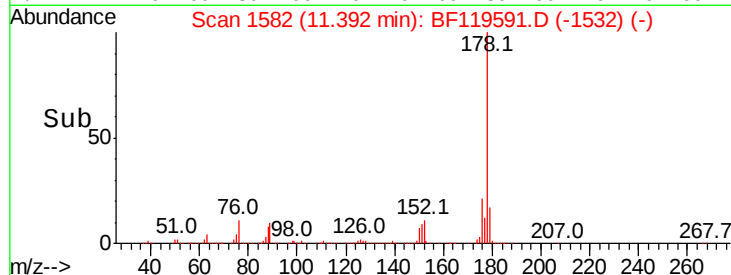
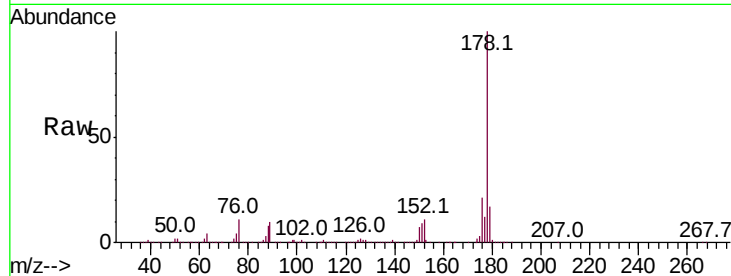
Tot Ion:178 Resp: 2758846

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

179 16.5 13.2 19.8



#72

Anthracene

Concen: 39.771 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

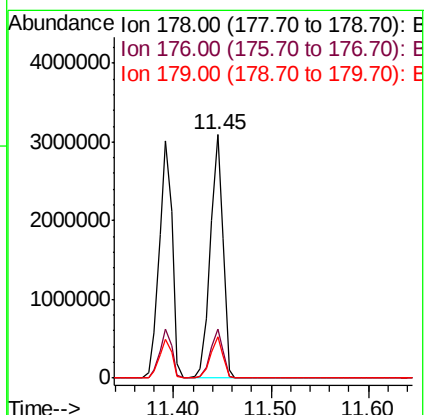
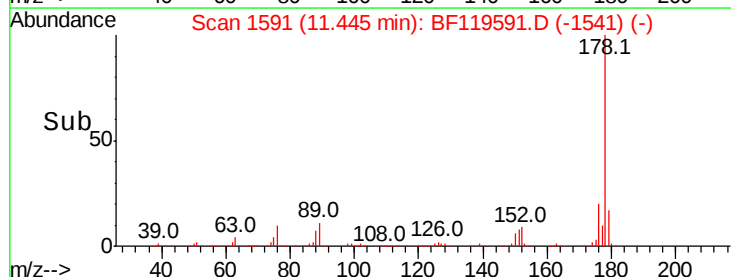
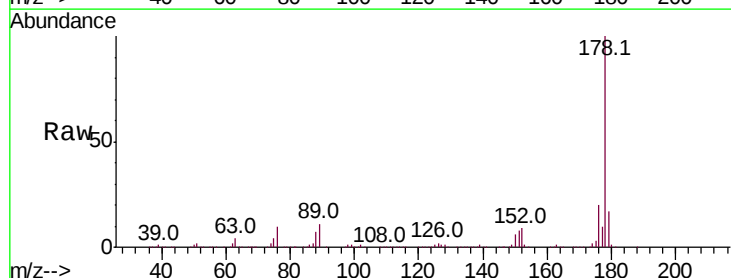
Tgt Ion:178 Resp: 2792165

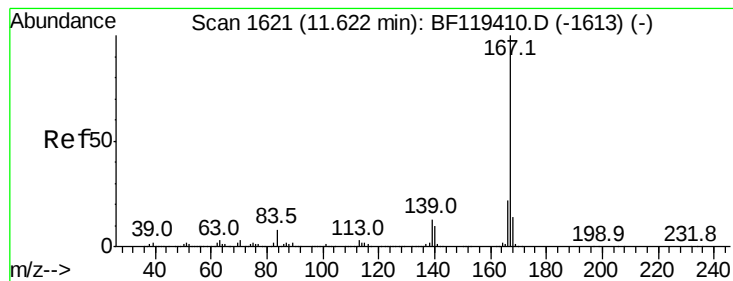
Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

179 16.9 13.0 19.4





#73

Carbazole

Concen: 38.967 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

Instrument :

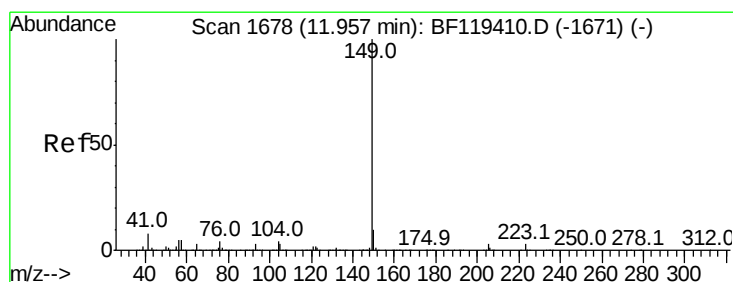
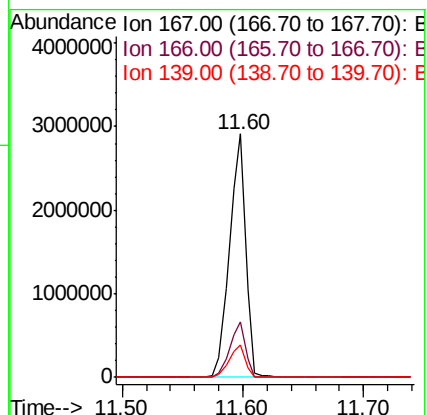
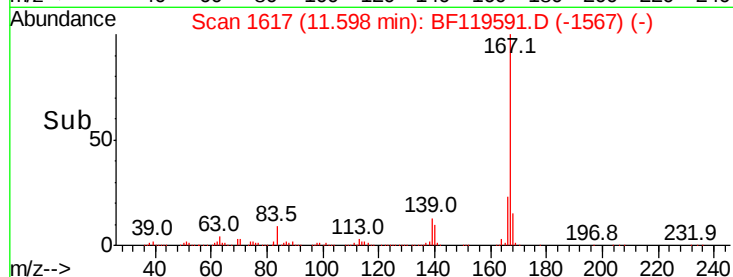
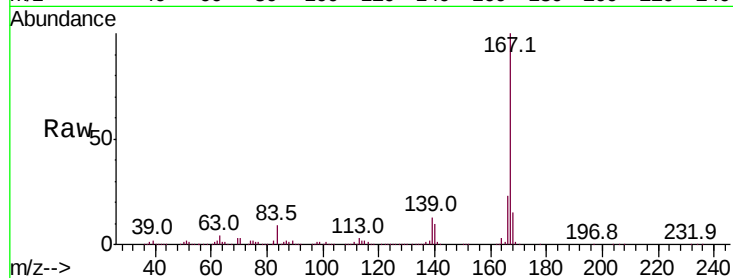
BNA_F

ClientSampleId :

SSTDCCC040

Tot 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: 43.797 ng

RT: 11.93 min Scan# 1674

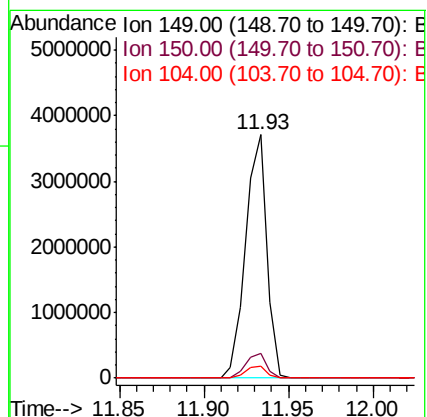
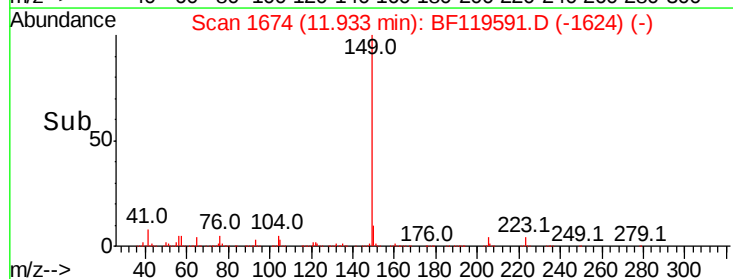
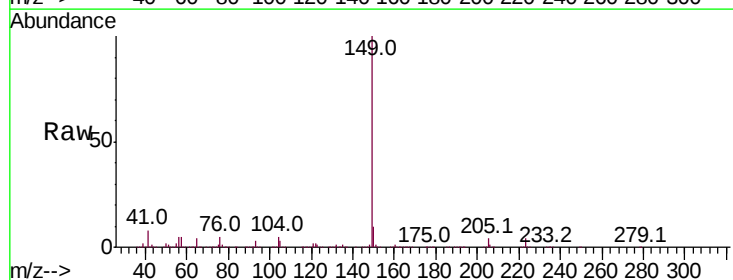
Delta R.T. -0.01 min

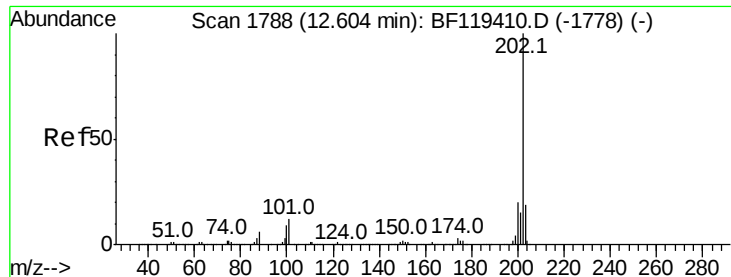
Lab File: BF119591.D

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: 38.735 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

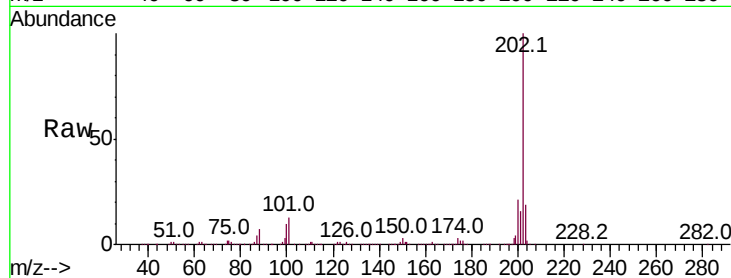
Tot Ion:202 Resp: 2895767

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.2

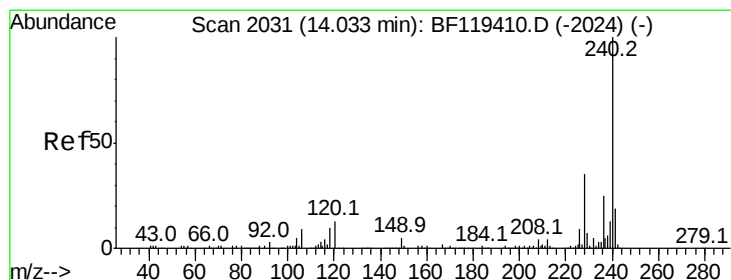
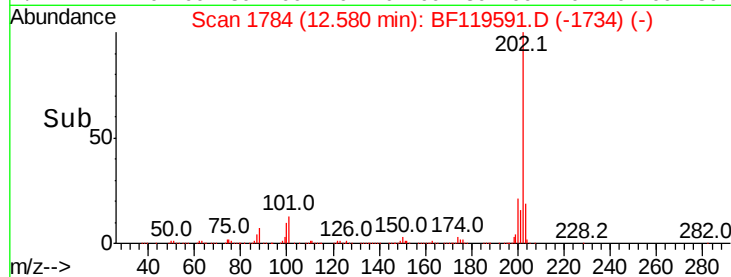
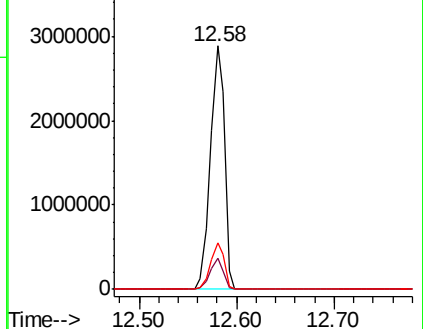
203 19.1 0.0 38.8



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: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

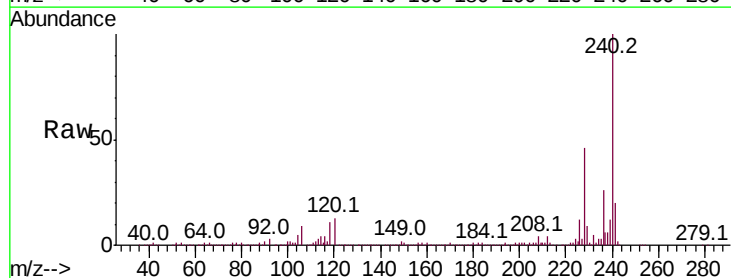
Tgt Ion:240 Resp: 866056

Ion Ratio Lower Upper

240 100

120 12.5 10.6 15.8

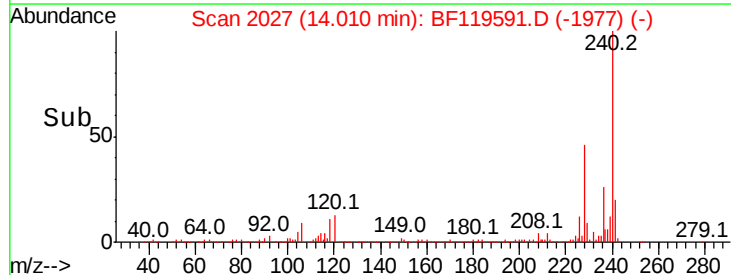
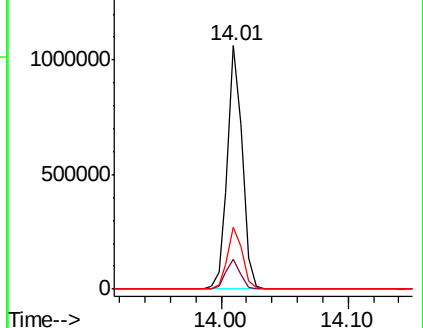
236 25.6 20.2 30.2

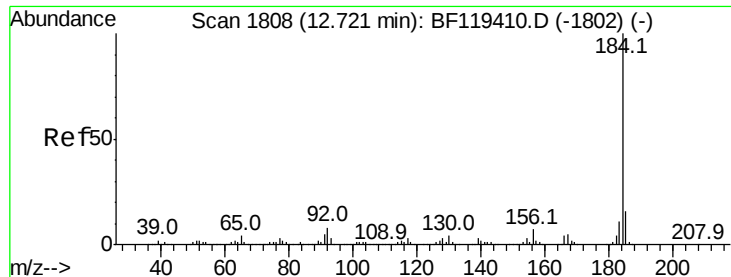


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.806 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

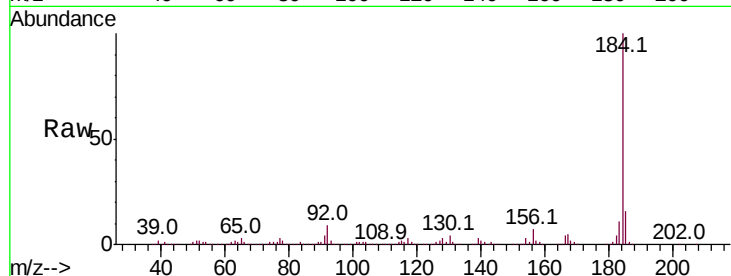
Tot Ion:184 Resp: 1312342

Ion Ratio Lower Upper

184 100

185 15.8 12.3 18.5

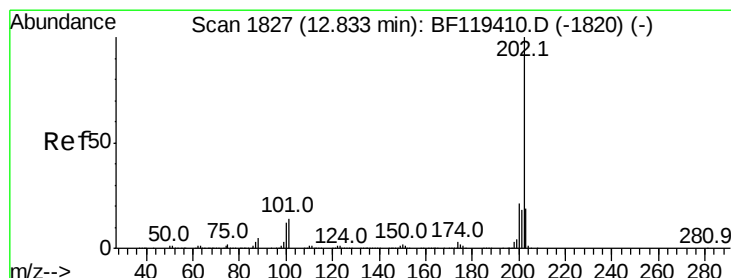
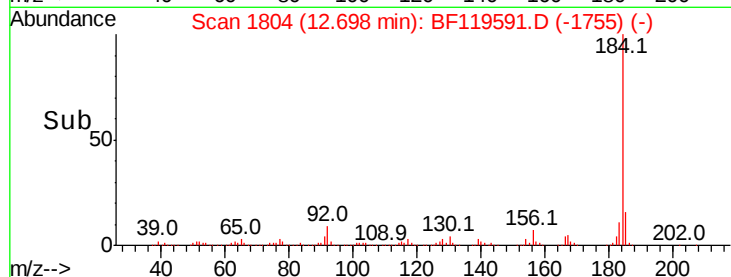
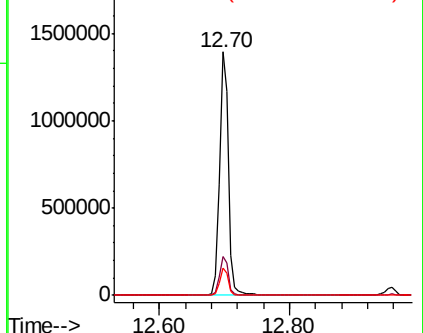
183 11.2 9.0 13.6



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: 41.801 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

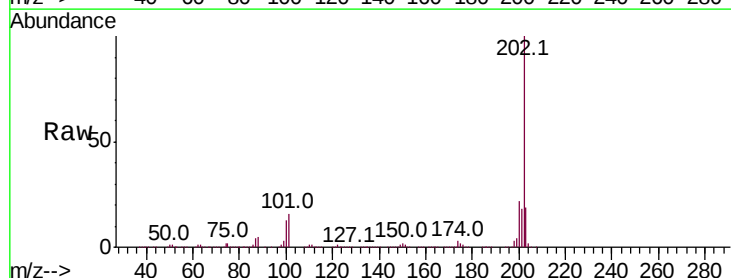
Tgt Ion:202 Resp: 2971055

Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

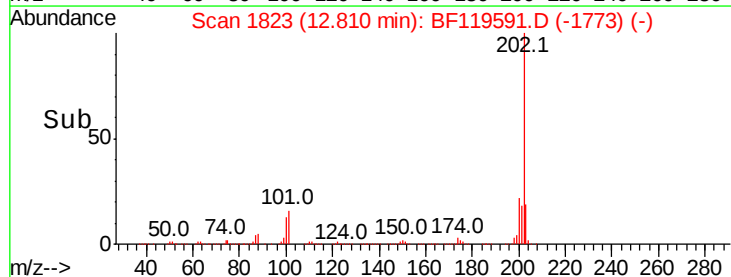
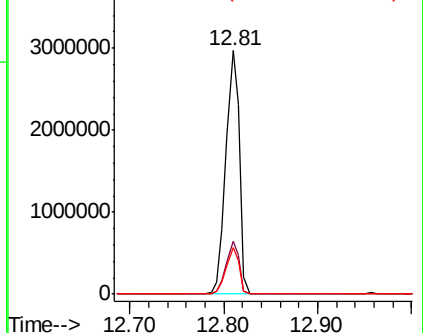
203 19.2 15.1 22.7

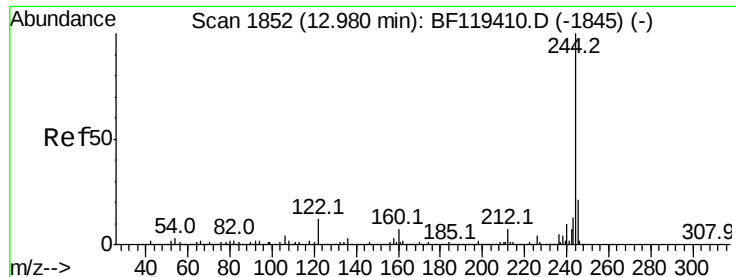


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.410 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

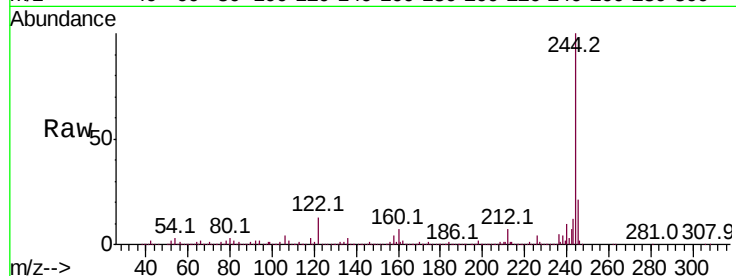
Tot Ion:244 Resp: 3908082

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

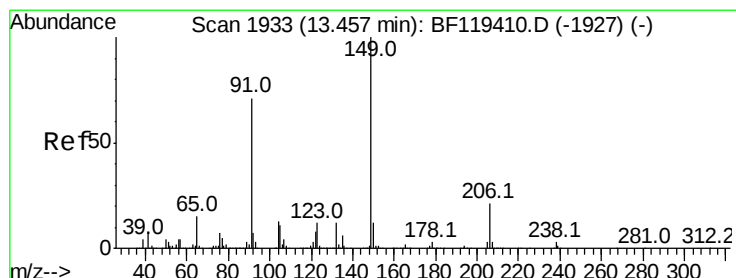
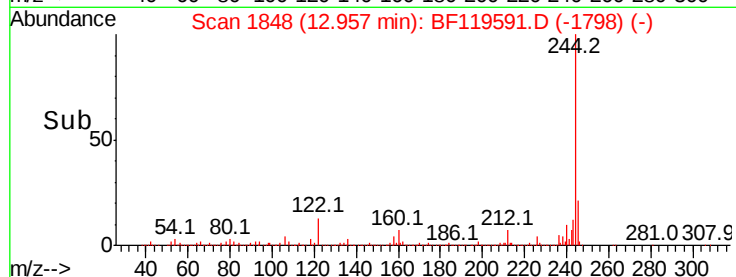
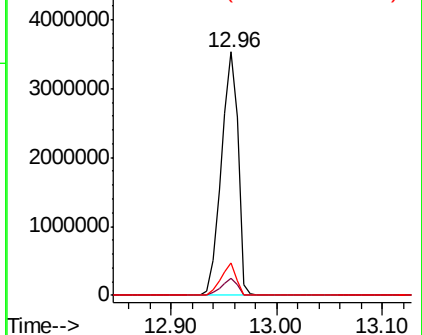
122 13.3 10.3 15.5



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: 49.283 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

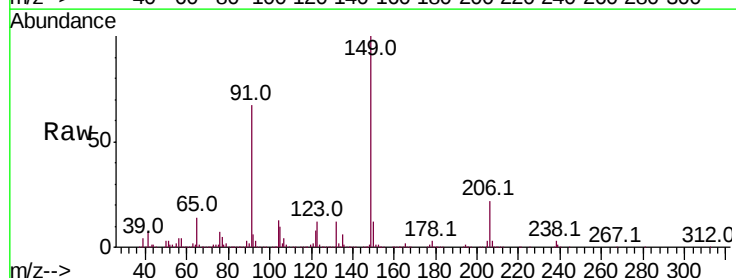
Tgt Ion:149 Resp: 1416751

Ion Ratio Lower Upper

149 100

91 67.1 54.7 82.1

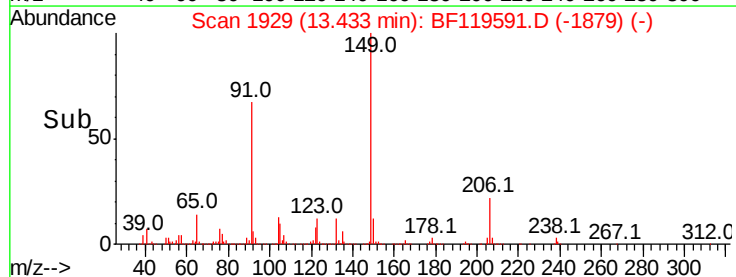
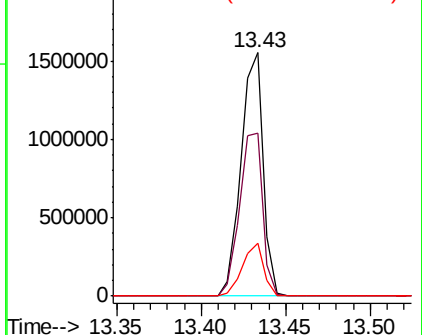
206 21.6 16.2 24.2

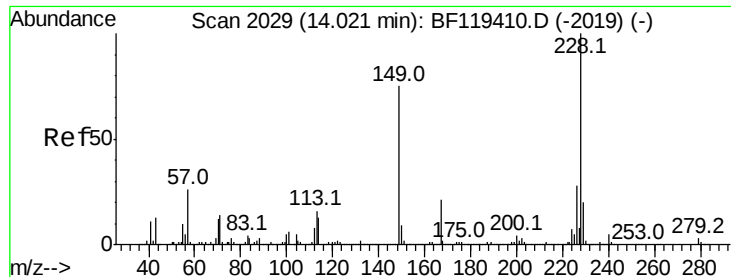


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

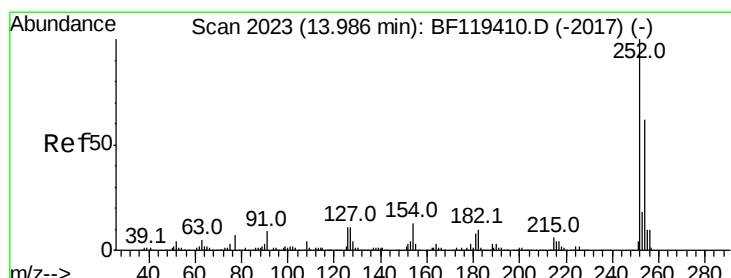
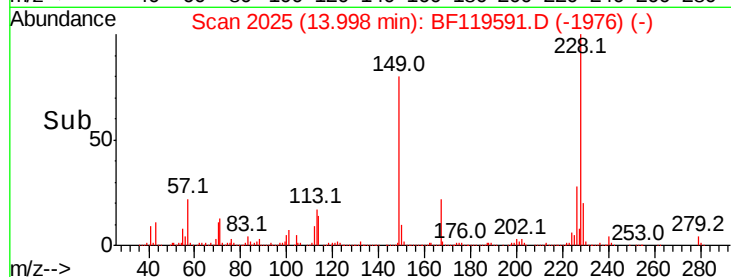
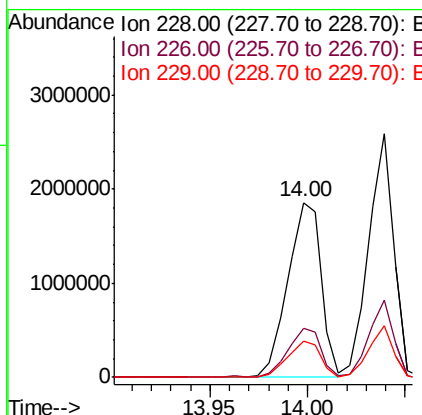
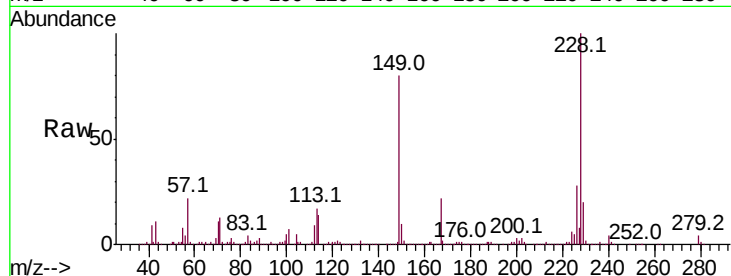




#81
Benzo(a)anthracene
Concen: 39.036 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

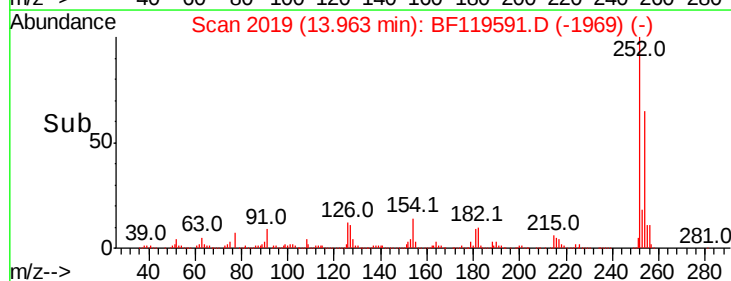
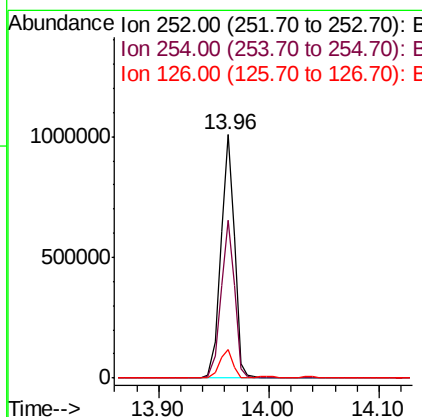
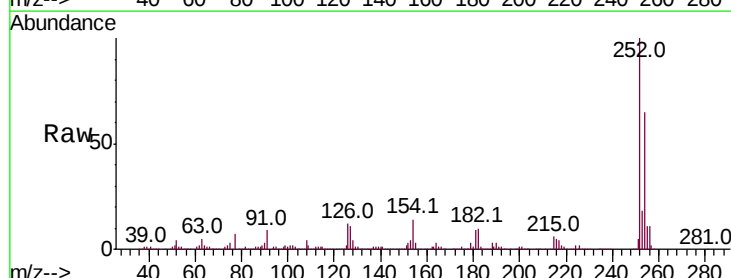
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

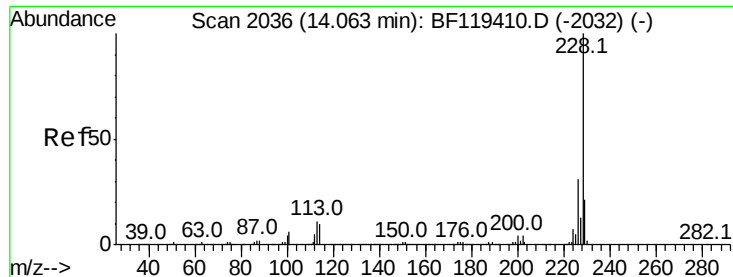
Tot Ion:228 Resp: 2198440
Ion Ratio Lower Upper
228 100
226 28.4 21.8 32.8
229 20.5 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 39.076 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





#83

Chrvsene

Concen: 39.740 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

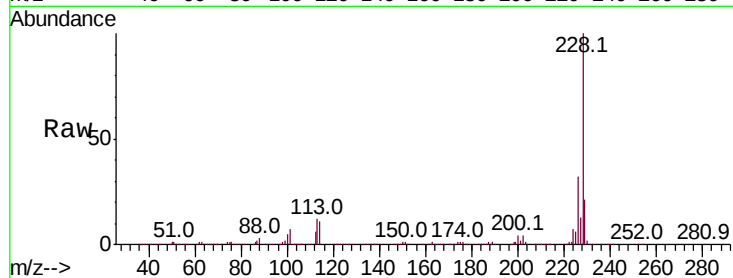
Tot Ion:228 Resp: 2309822

Ion Ratio Lower Upper

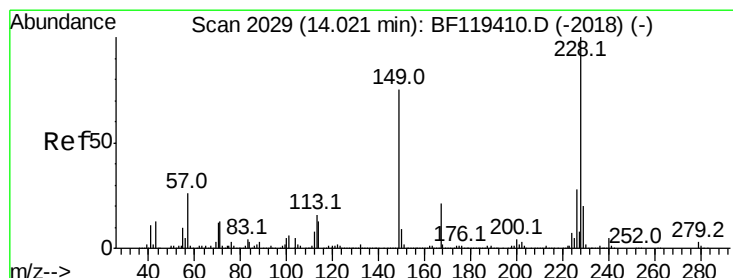
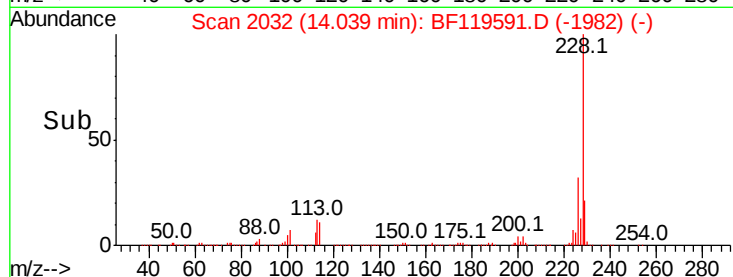
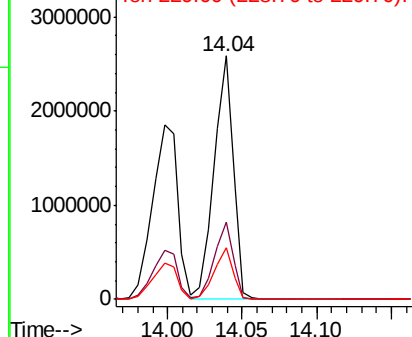
228 100

226 31.7 25.4 38.0

229 21.2 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.228 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

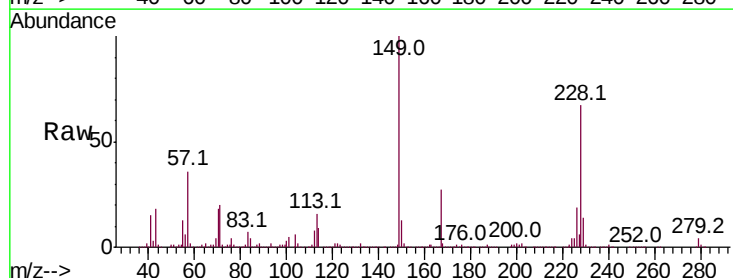
Tgt Ion:149 Resp: 1755525

Ion Ratio Lower Upper

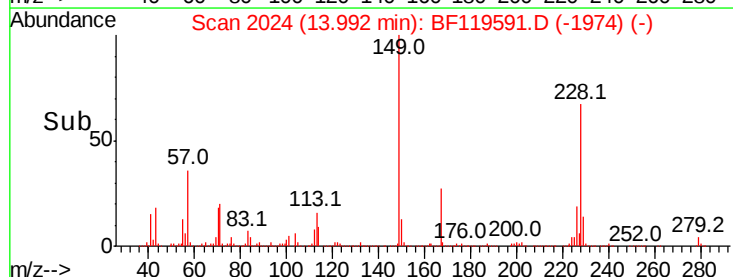
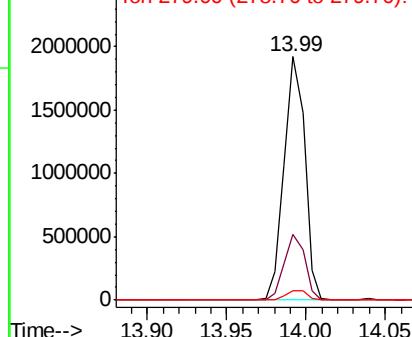
149 100

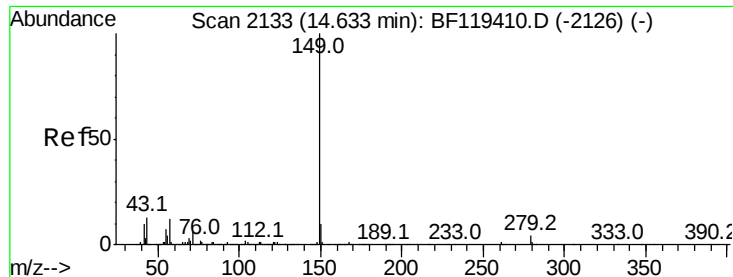
167 27.2 21.3 31.9

279 3.7 2.7 4.1



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

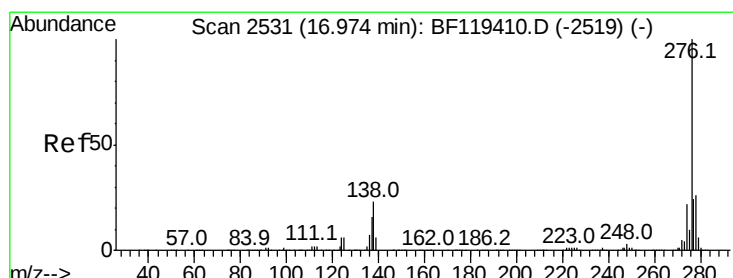
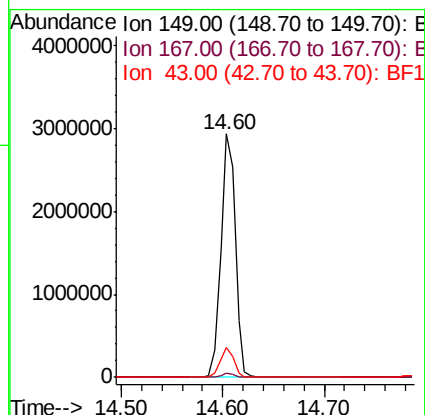
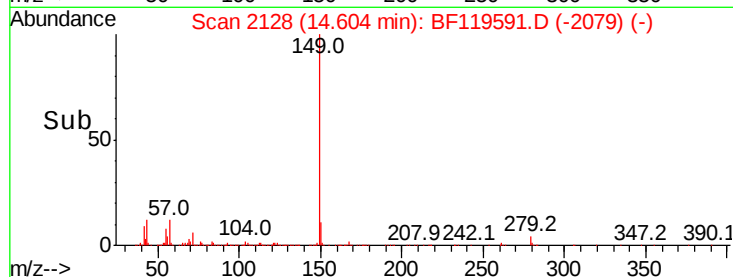
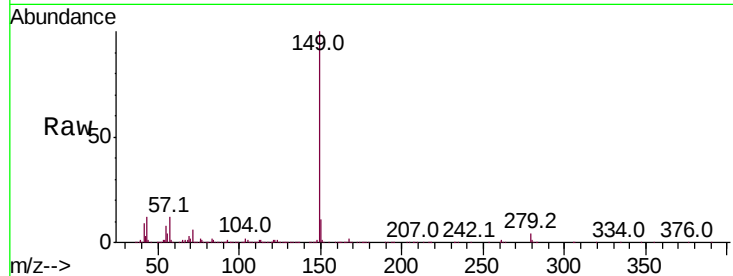




#85
Di-n-octyl phthalate
Concen: 48.062 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

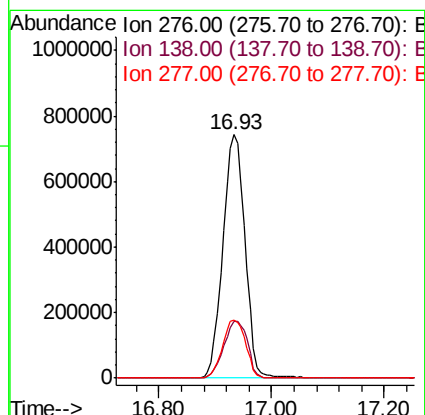
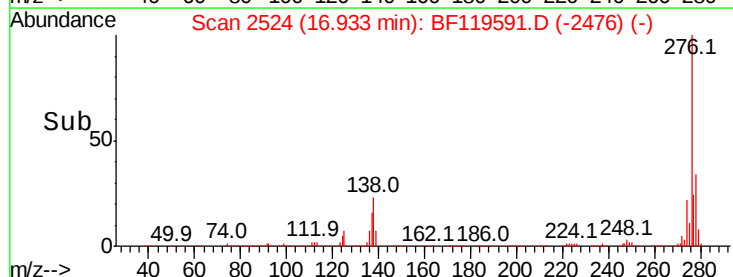
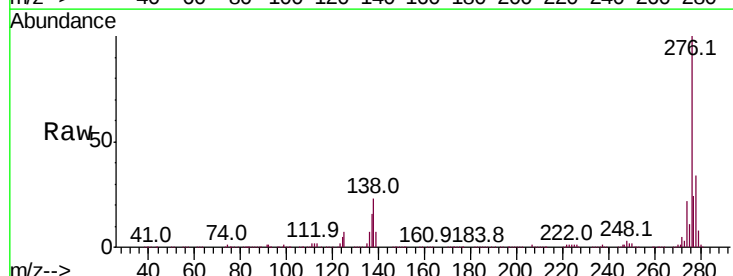
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

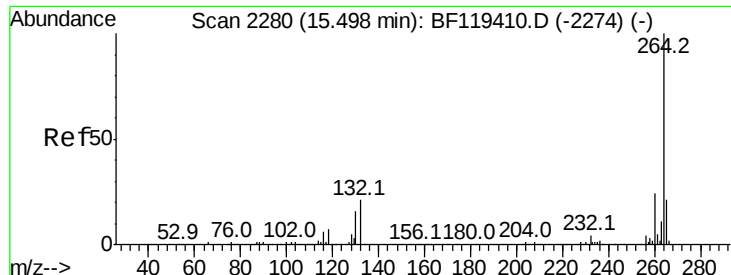
Tot Ion:149 Resp: 2896688
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.110 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

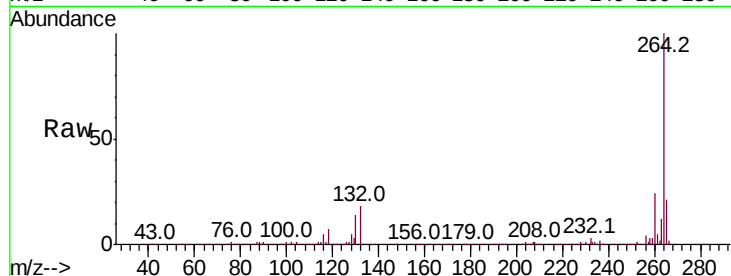




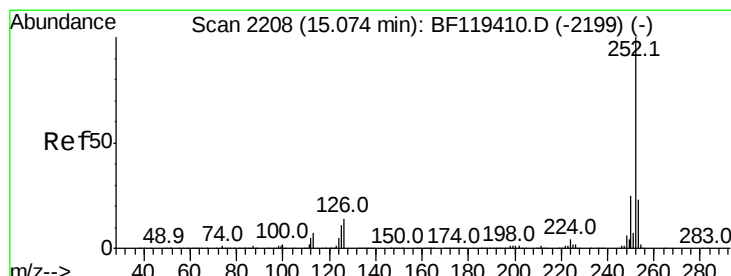
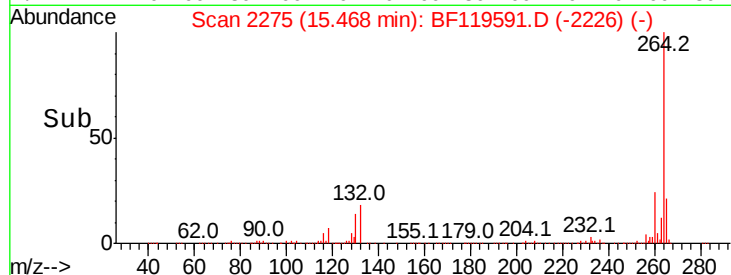
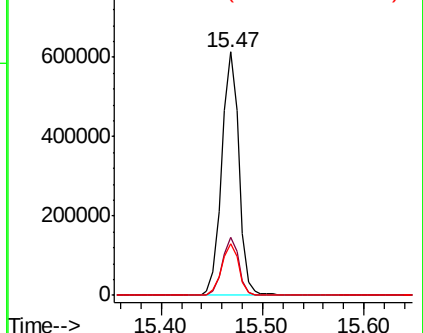
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:264 Resp: 722812
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.2 17.7 26.5

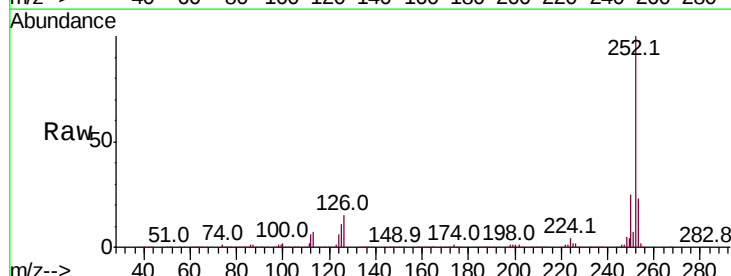


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

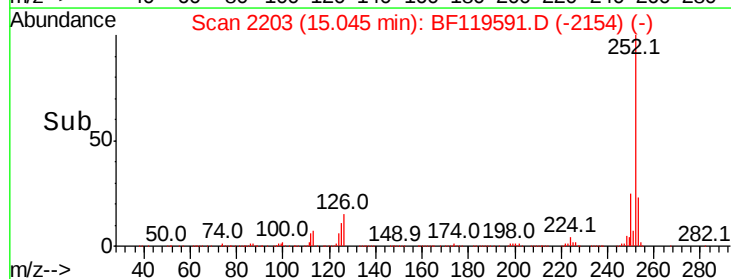
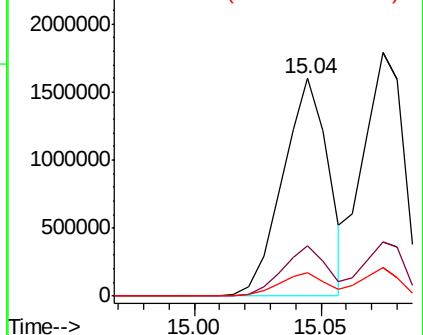


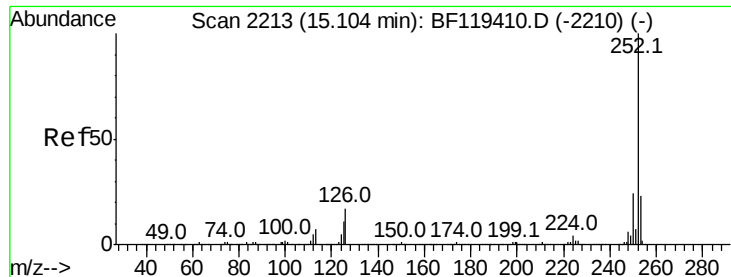
#88
 Benzo(b)fluoranthene
 Concen: 41.414 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF119591.D
 Acq: 28 Mar 2020 2:26

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



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.699 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

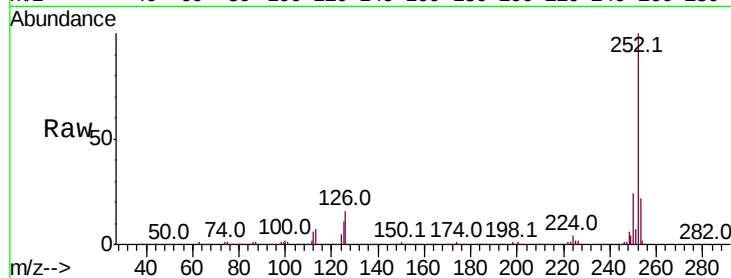
Tot Ion:252 Resp: 2009100

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

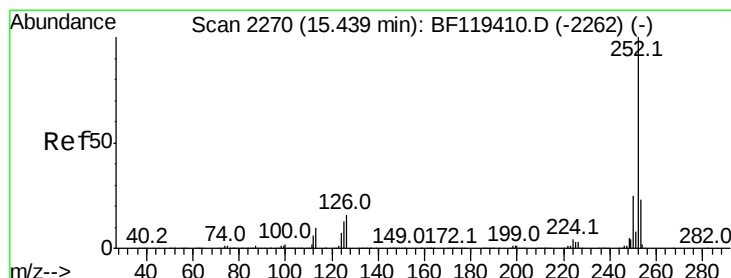
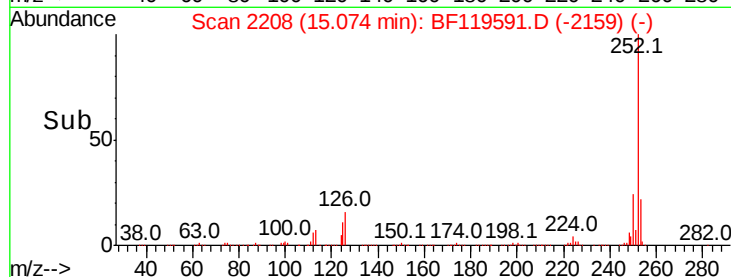
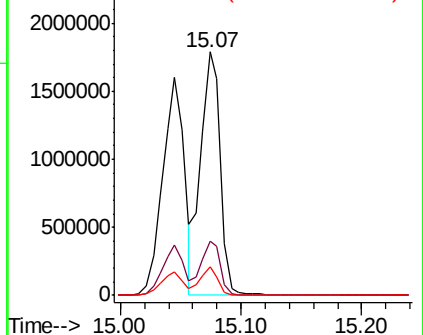
125 11.5 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.695 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF119591.D

Acq: 28 Mar 2020 2:26

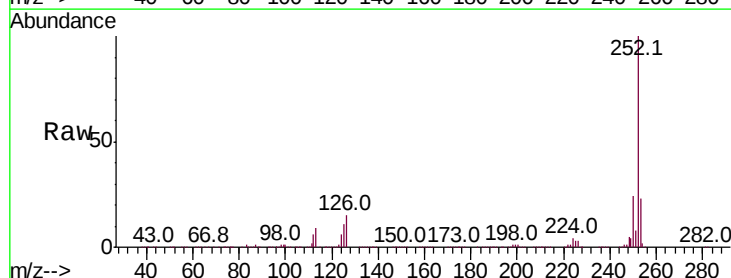
Tgt Ion:252 Resp: 1829559

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

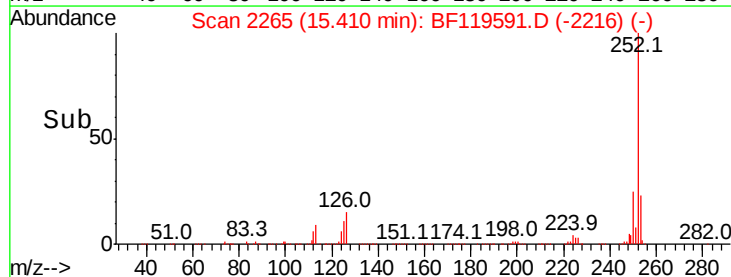
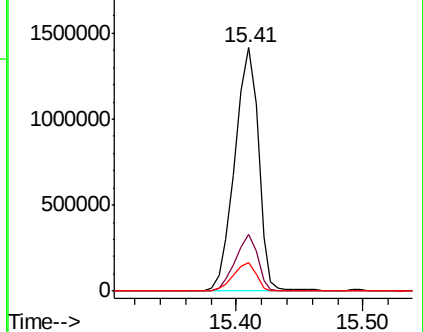
125 11.5 9.4 14.2

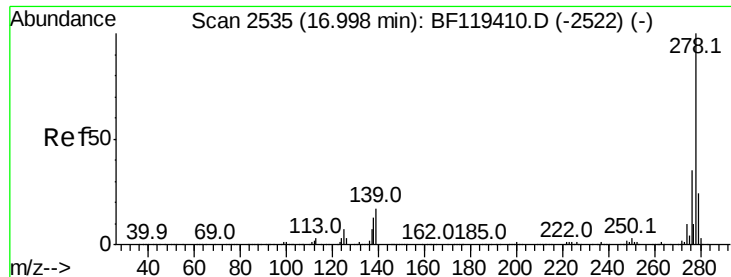


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

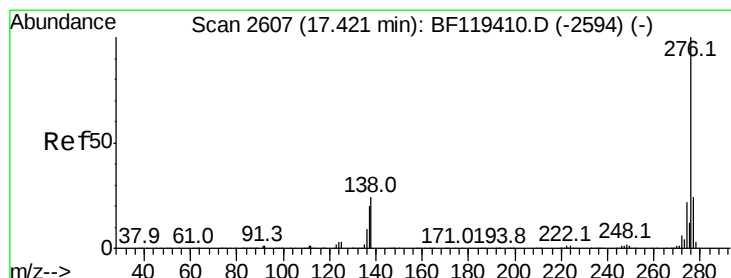
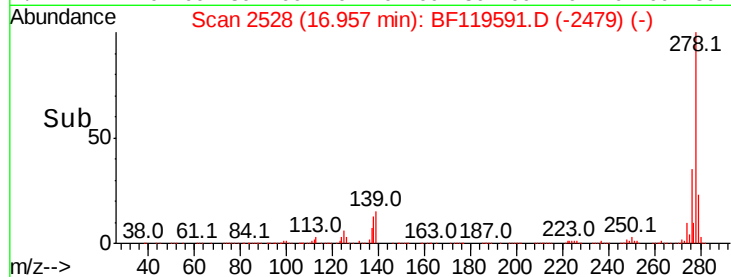
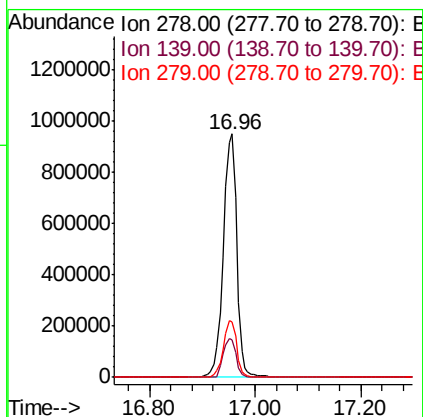
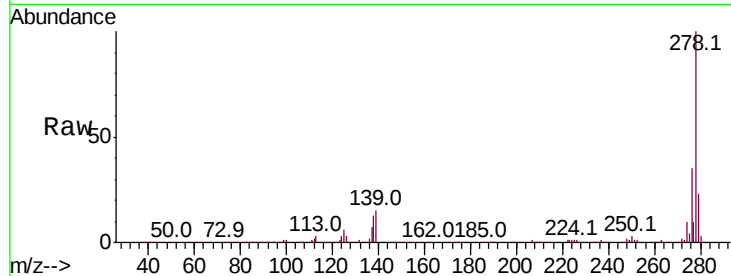




#91
Dibenzo(a,h)anthracene
Concen: 43.919 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF119591.D
Acq: 28 Mar 2020 2:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1685612
Ion Ratio Lower Upper
278 100
139 15.2 12.6 19.0
279 22.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 44.644 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

