

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119780.D
 Acq On : 6 Apr 2020 19:54
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 07 00:28:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	195118	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	723790	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	366204	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	697458	20.00	ng	0.00
76) Chrysene-d12	13.96	240	513128	20.00	ng	0.00
87) Perylene-d12	15.40	264	555561	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	953784	77.82	ng	0.00
7) Phenol-d6	6.42	99	1233566	78.79	ng	0.00
23) Nitrobenzene-d5	7.35	82	1090616	81.89	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	339923	89.97	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2006386	81.17	ng	0.00
79) Terphenyl-d14	12.90	244	2132262	81.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	203501	33.62	ng	99
3) Pyridine	3.18	79	541061	32.44	ng	93
4) n-Nitrosodimethylamine	3.13	42	269799	33.17	ng	98
6) Aniline	6.45	93	676286	31.30	ng	98
8) 2-Chlorophenol	6.57	128	518543	40.28	ng	99
9) Benzaldehyde	6.33	77	340064	34.24	ng	98
10) Phenol	6.43	94	689438	41.27	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	522013	39.07	ng	98
12) 1,3-Dichlorobenzene	6.72	146	567629	40.74	ng	96
13) 1,4-Dichlorobenzene	6.80	146	566417	40.64	ng	99
14) 1,2-Dichlorobenzene	6.96	146	536946	41.22	ng	99
15) Benzyl Alcohol	6.93	79	456965	38.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	938171	34.81	ng	99
17) 2-Methylphenol	7.04	107	461964	39.17	ng	99
18) Hexachloroethane	7.30	117	209462	41.01	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	359236	38.07	ng	98
20) 3+4-Methylphenols	7.20	107	571504	39.54	ng	# 70
22) Acetophenone	7.20	105	660688	38.20	ng	# 93
24) Nitrobenzene	7.37	77	564881	39.69	ng	98
25) Isophorone	7.61	82	1019293	37.73	ng	99
26) 2-Nitrophenol	7.69	139	280587	50.07	ng	91
27) 2,4-Dimethylphenol	7.73	122	422969	36.50	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	609615	38.16	ng	99
29) 2,4-Dichlorophenol	7.93	162	433386	40.71	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	475196	40.36	ng	99
31) Naphthalene	8.09	128	1523687	40.91	ng	99
32) Benzoic acid	7.85	122	366281	49.14	ng	97
33) 4-Chloroaniline	8.14	127	601273	35.23	ng	99
34) Hexachlorobutadiene	8.21	225	280241	42.54	ng	100
35) Caprolactam	8.52	113	128437	36.86	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	455097	39.11	ng	97
37) 2-Methylnaphthalene	8.79	142	982047	40.17	ng	99
38) 1-Methylnaphthalene	8.89	142	927911	40.10	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	449462	41.87	ng	99

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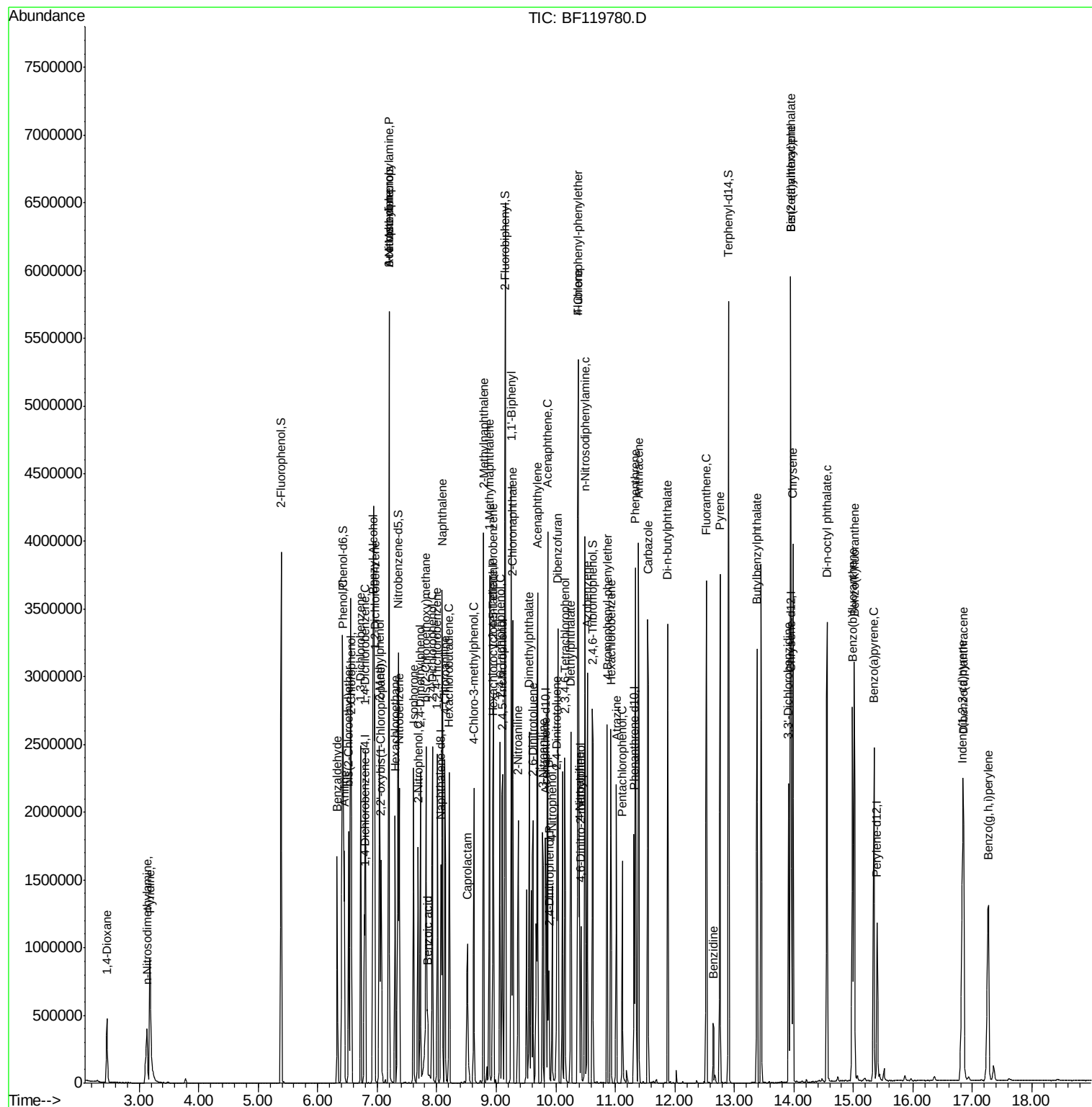
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	246446	40.39	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	314959	41.00	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	354350	41.18	ng	93
46) 1,1'-Biphenyl	9.25	154	1216877	40.80	ng	100
47) 2-Chloronaphthalene	9.27	162	939922	40.23	ng	99
48) 2-Nitroaniline	9.37	65	338568	41.99	ng	98
49) Acenaphthylene	9.69	152	1453339	39.61	ng	99
50) Dimethylphthalate	9.56	163	1048886	40.32	ng	100
51) 2,6-Dinitrotoluene	9.62	165	240472	43.13	ng	97
52) Acenaphthene	9.86	154	916541	40.07	ng	97
53) 3-Nitroaniline	9.79	138	291356	41.39	ng	89
54) 2,4-Dinitrophenol	9.89	184	98854	44.52	ng	99
55) Dibenzofuran	10.03	168	1312096	40.01	ng	100
56) 4-Nitrophenol	9.94	139	215213	38.76	ng	98
57) 2,4-Dinitrotoluene	10.02	165	321275	45.74	ng	96
58) Fluorene	10.38	166	992611	40.93	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	270817	42.10	ng	98
60) Diethylphthalate	10.25	149	1080441	40.93	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	498830	42.07	ng	98
62) 4-Nitroaniline	10.40	138	281029	41.63	ng	97
63) Azobenzene	10.53	77	1021448	38.42	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	149942	51.27	ng	96
66) n-Nitrosodiphenylamine	10.49	169	905664	39.55	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	323064	40.67	ng	95
68) Hexachlorobenzene	10.93	284	337422	41.51	ng	95
69) Atrazine	11.02	200	255501	40.70	ng	98
70) Pentachlorophenol	11.12	266	190923	40.05	ng	93
71) Phenanthrene	11.34	178	1448417	40.05	ng	98
72) Anthracene	11.39	178	1482682	40.34	ng	98
73) Carbazole	11.55	167	1416957	38.95	ng	99
74) Di-n-butylphthalate	11.88	149	1646438	42.31	ng	100
75) Fluoranthene	12.53	202	1570261	40.12	ng	98
77) Benzidine	12.65	184	173436	7.99	ng	98
78) Pyrene	12.76	202	1599922	37.99	ng	99
80) Butylbenzylphthalate	13.38	149	703247	41.29	ng	97
81) Benzo(a)anthracene	13.95	228	1335858	40.03	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	479101	36.42	ng	100
83) Chrysene	13.99	228	1342298	38.98	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	892024	43.93	ng	98
85) Di-n-octyl phthalate	14.56	149	1625201	45.51	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1478509	45.59	ng	99
88) Benzo(b)fluoranthene	14.99	252	1398311	37.68	ng	99
89) Benzo(k)fluoranthene	15.02	252	1338413	37.88	ng	99
90) Benzo(a)pyrene	15.34	252	1315679	39.01	ng	97
91) Dibenzo(a,h)anthracene	16.85	278	1198425	40.63	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1188358	40.10	ng	98

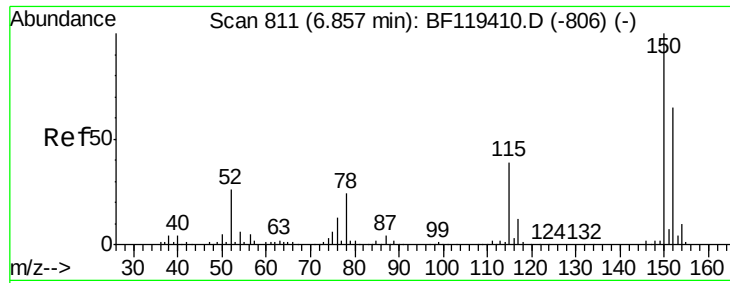
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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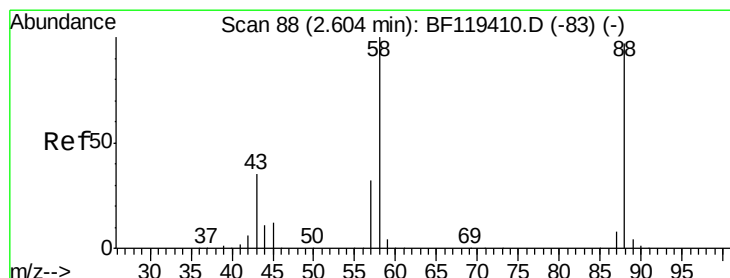
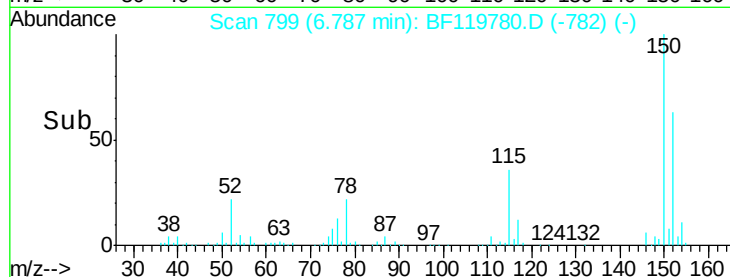
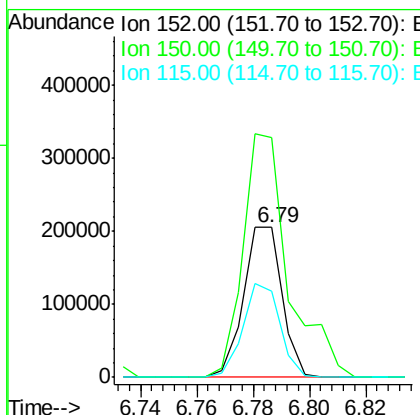
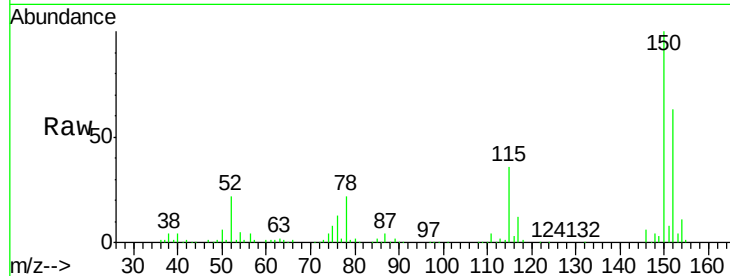




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

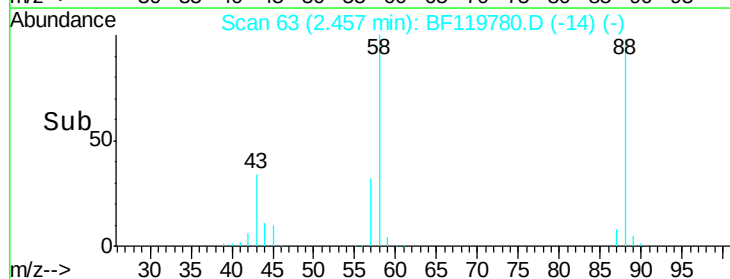
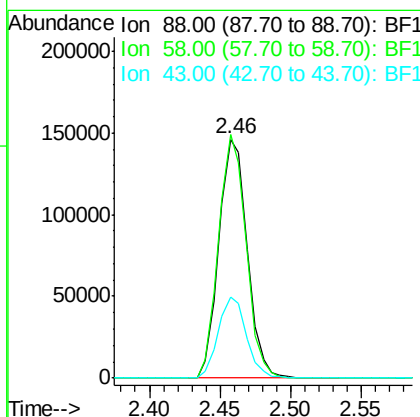
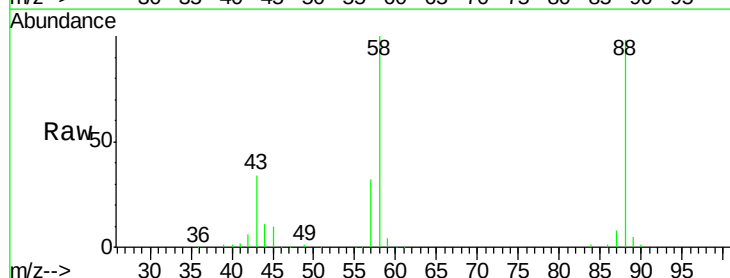
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

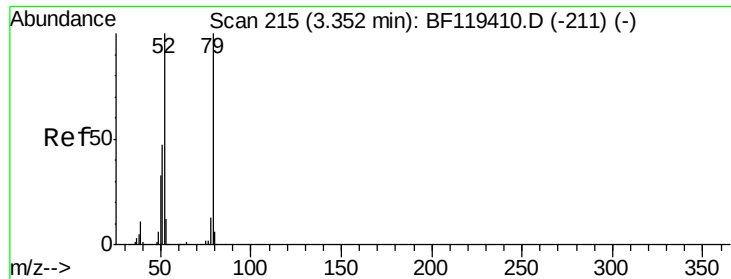
Tgt Ion: 152 Resp: 195118
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.5 186.7
 115 57.4 49.6 74.4



#2
 1,4-Dioxane
 Concen: 33.62 ng
 RT: 2.46 min Scan# 63
 Delta R.T. -0.01 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Tgt Ion: 88 Resp: 203501
 Ion Ratio Lower Upper
 88 100
 58 99.2 80.6 121.0
 43 34.1 27.5 41.3





#3

Pyridine

Concen: 32.44 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.01 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

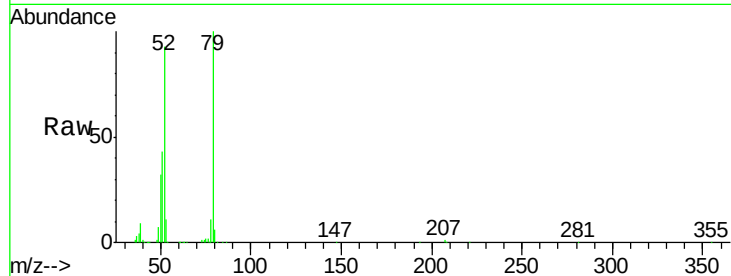
Tgt Ion: 79 Resp: 541061

Ion Ratio Lower Upper

79 100

52 93.4 80.2 120.2

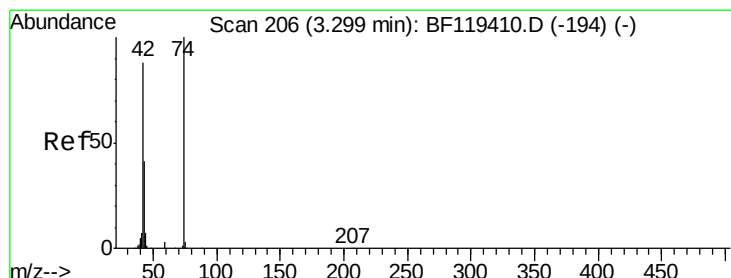
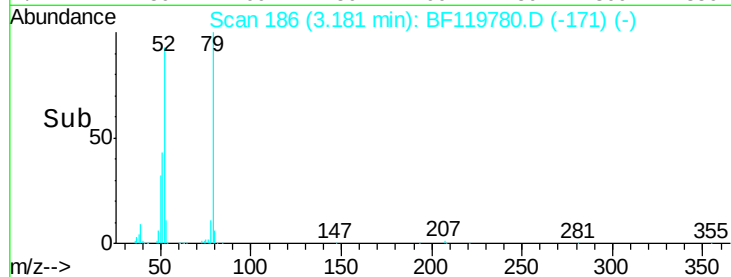
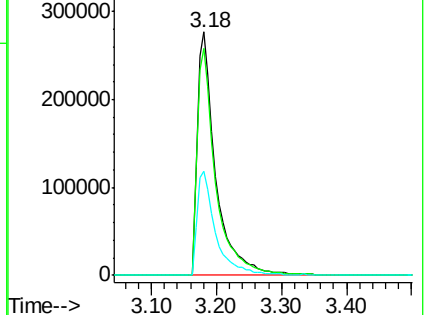
51 42.9 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.17 ng

RT: 3.13 min Scan# 178

Delta R.T. -0.01 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

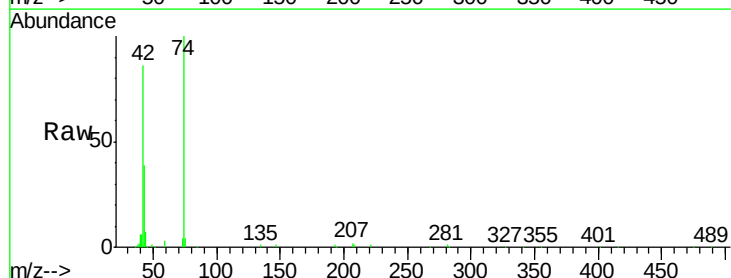
Tgt Ion: 42 Resp: 269799

Ion Ratio Lower Upper

42 100

74 116.4 91.5 137.3

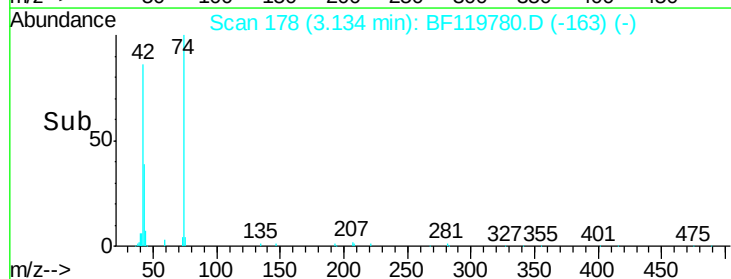
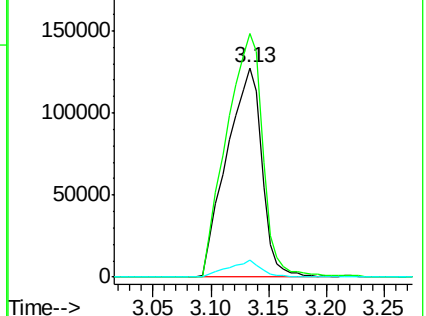
44 7.9 6.2 9.4

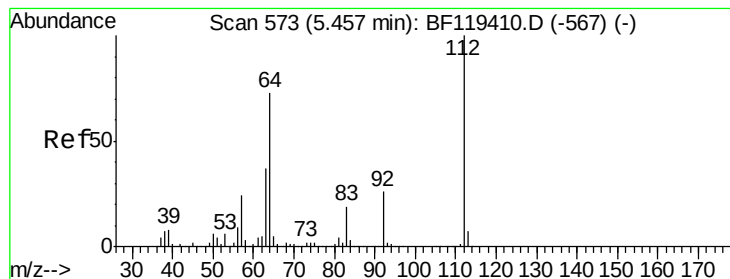


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.82 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.00 min

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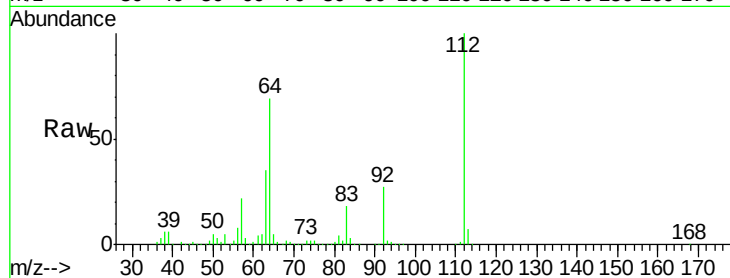
Tgt Ion: 112 Resp: 953784

Ion Ratio Lower Upper

112 100

64 69.4 56.7 85.1

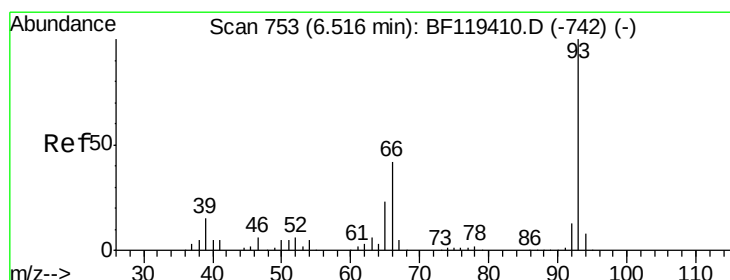
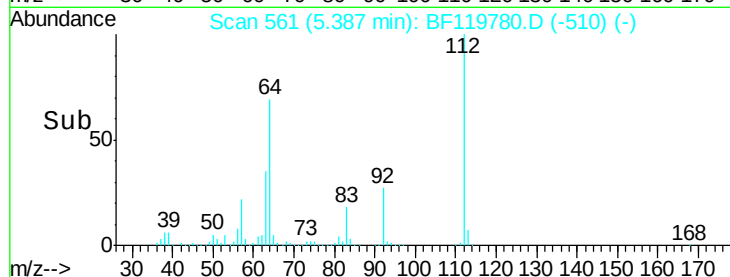
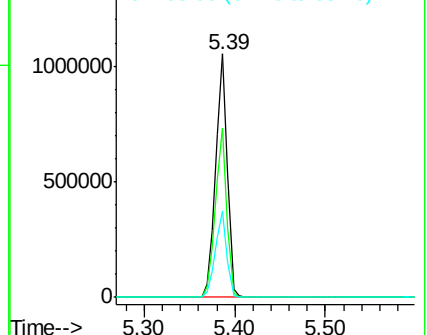
63 35.3 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.30 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

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Acq: 6 Apr 2020 19:54

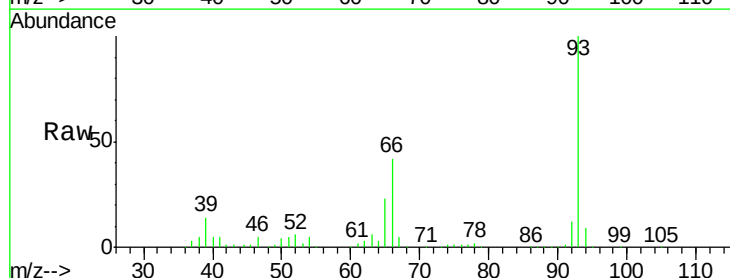
Tgt Ion: 93 Resp: 676286

Ion Ratio Lower Upper

93 100

66 41.8 34.9 52.3

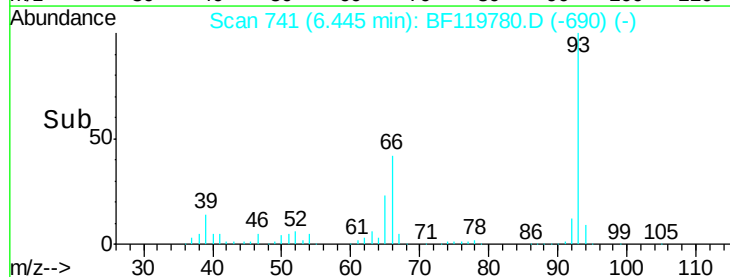
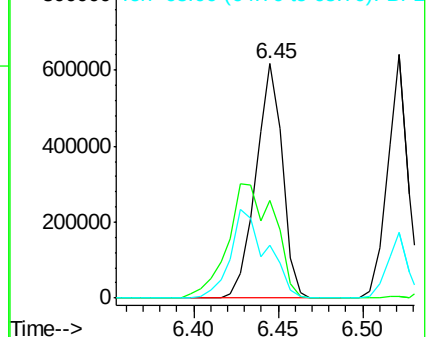
65 22.6 18.6 27.8

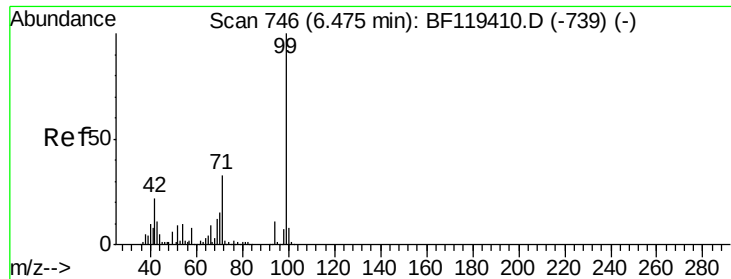


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.79 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

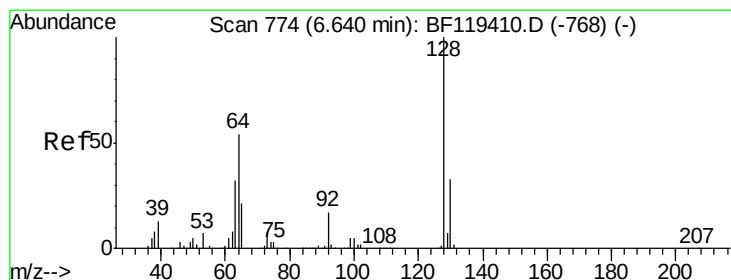
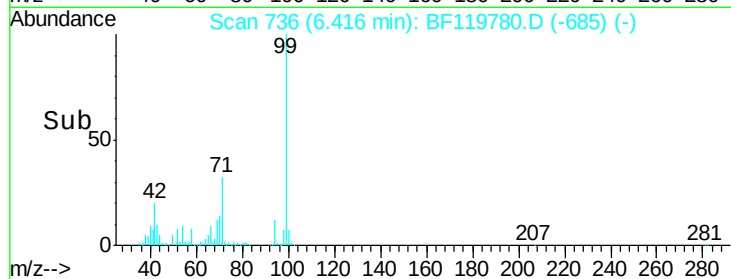
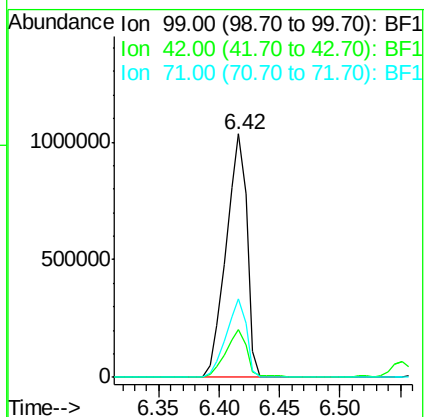
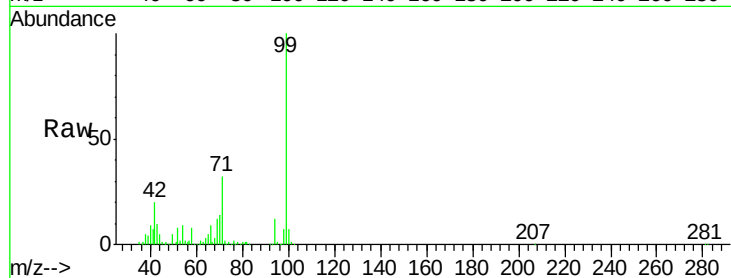
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Tgt Ion: 99 Resp: 1233566

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	32.1	26.4	39.6



#8

2-Chlorophenol

Concen: 40.28 ng

RT: 6.57 min Scan# 762

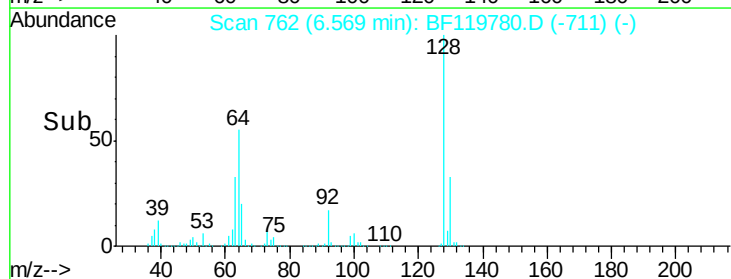
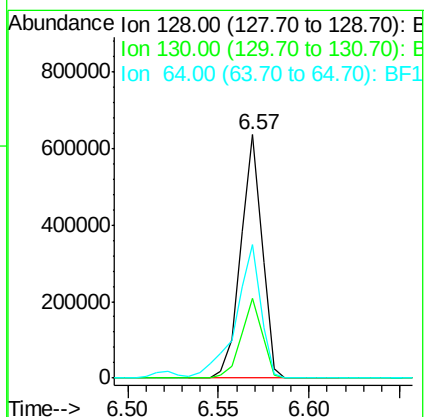
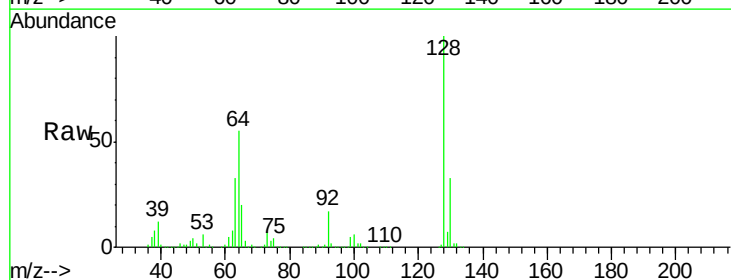
Delta R.T. -0.00 min

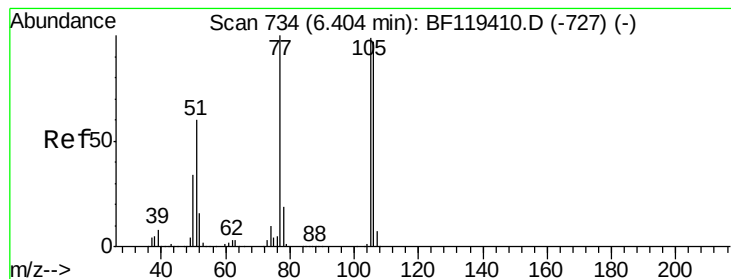
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Tgt Ion: 128 Resp: 518543

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	54.6	35.3	75.3





#9

Benzaldehyde

Concen: 34.24 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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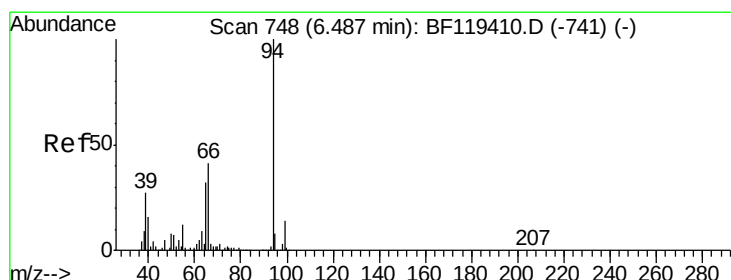
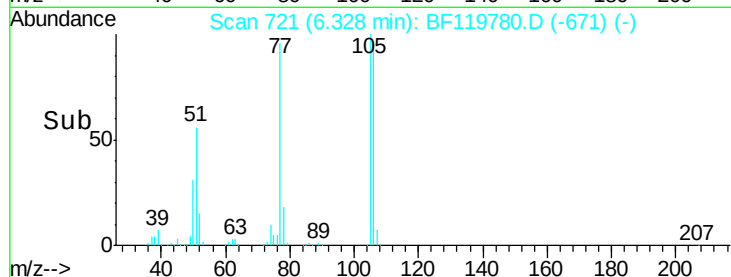
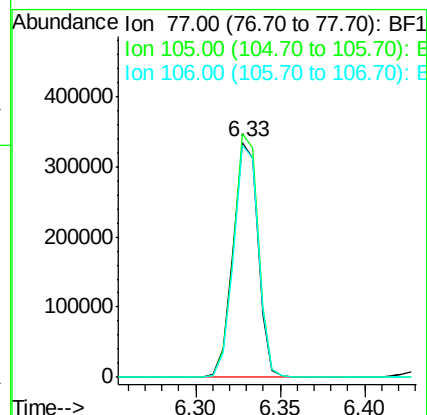
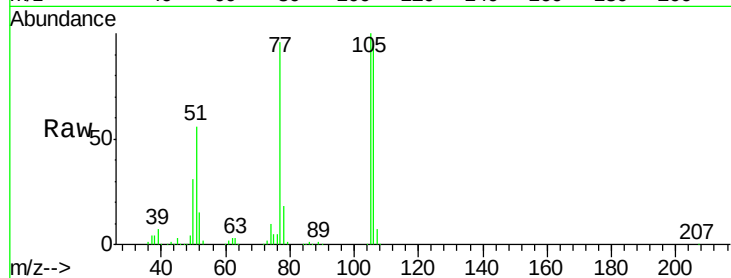
Tgt Ion: 77 Resp: 340064

Ion Ratio Lower Upper

77 100

105 103.8 80.9 120.9

106 99.0 77.9 117.9



#10

Phenol

Concen: 41.27 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

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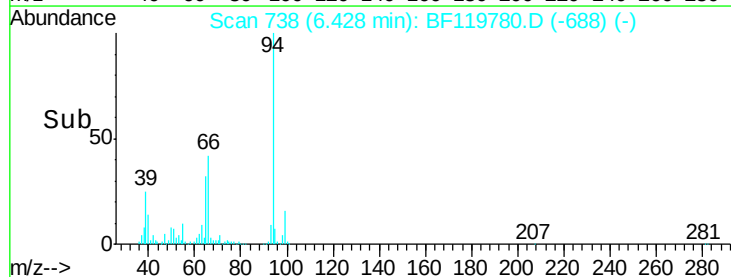
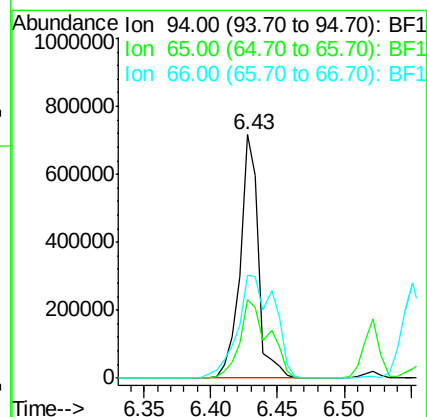
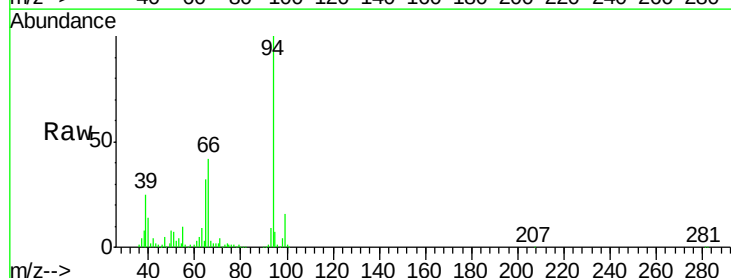
Tgt Ion: 94 Resp: 689438

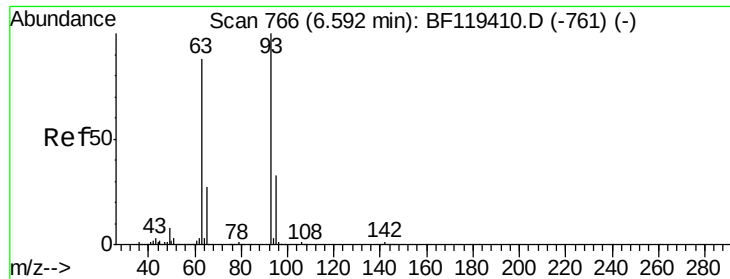
Ion Ratio Lower Upper

94 100

65 32.5 13.2 53.2

66 42.0 22.3 62.3

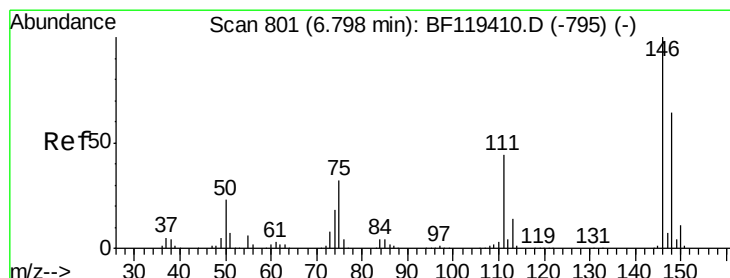
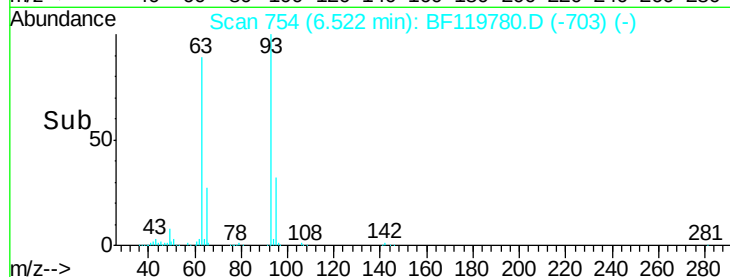
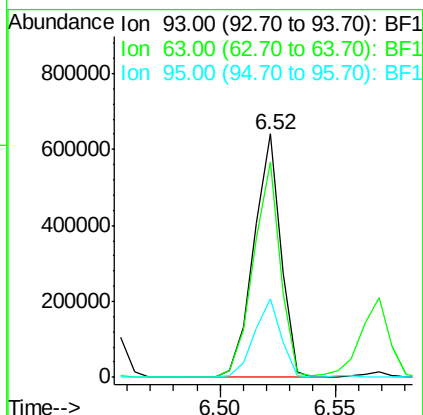
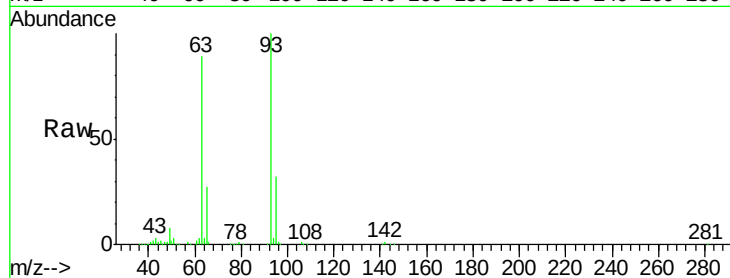




#11
bis(2-Chloroethyl)ether
Concen: 39.07 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

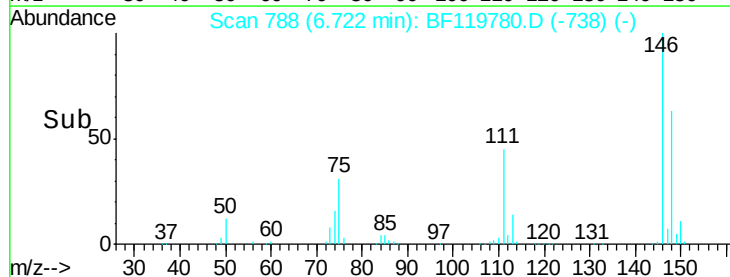
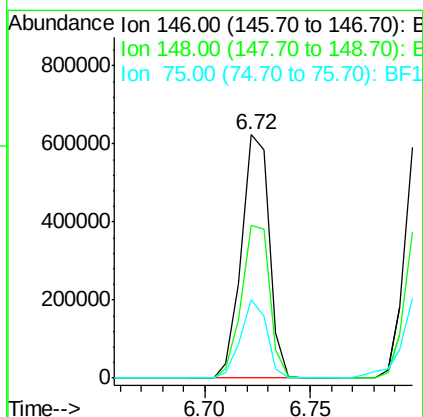
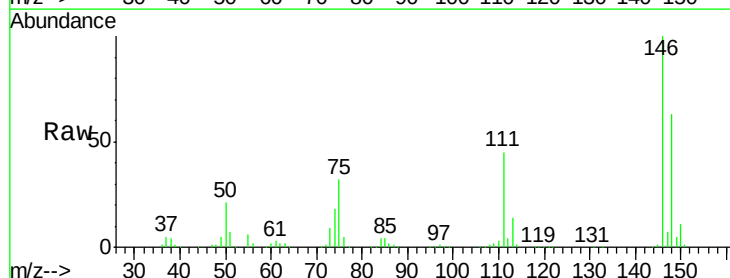
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

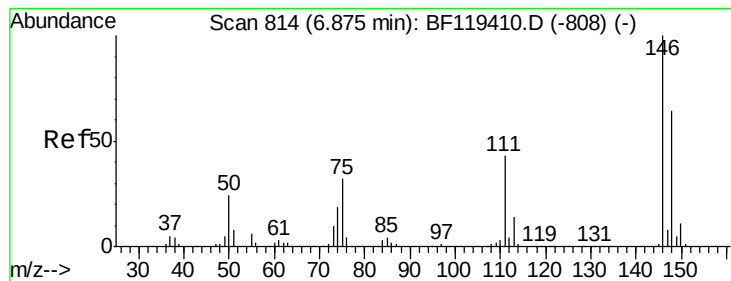
Tgt Ion: 93 Resp: 522013
Ion Ratio Lower Upper
93 100
63 88.7 70.2 110.2
95 32.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 40.74 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Tgt Ion: 146 Resp: 567629
Ion Ratio Lower Upper
146 100
148 62.6 52.2 78.4
75 32.3 23.0 34.4

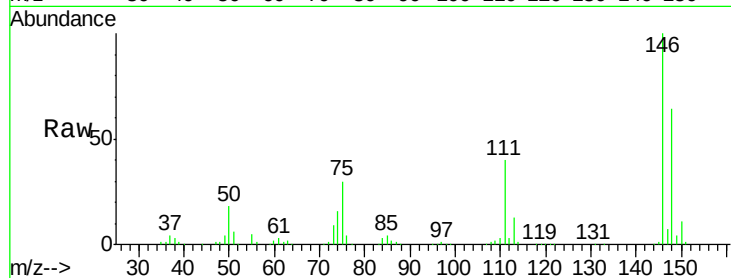




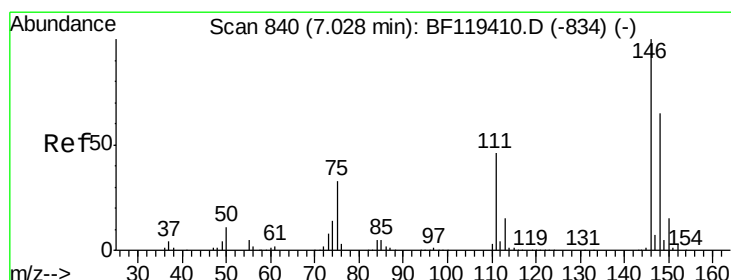
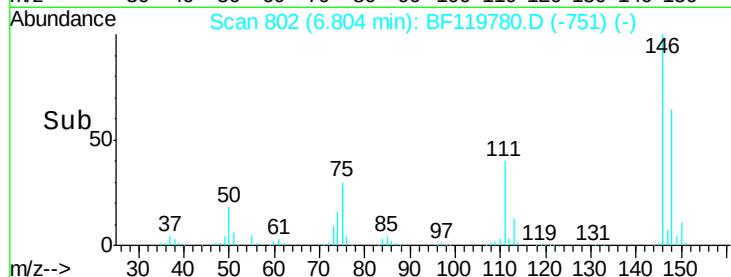
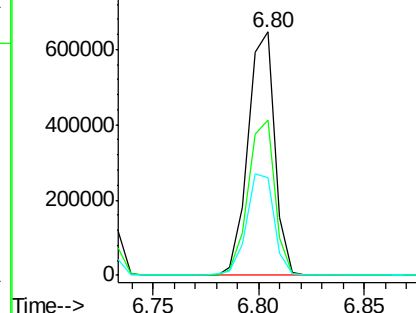
#13
 1,4-Dichlorobenzene
 Concen: 40.64 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 566417
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 40.0 33.3 49.9

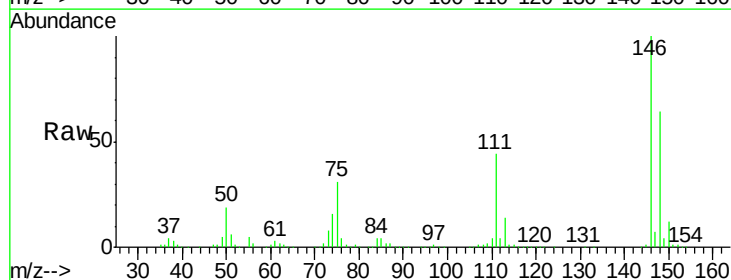


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

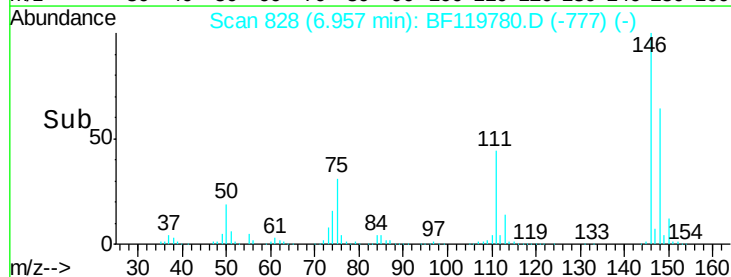
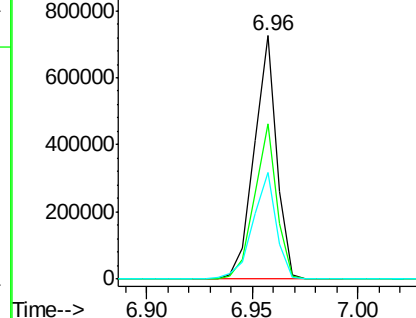


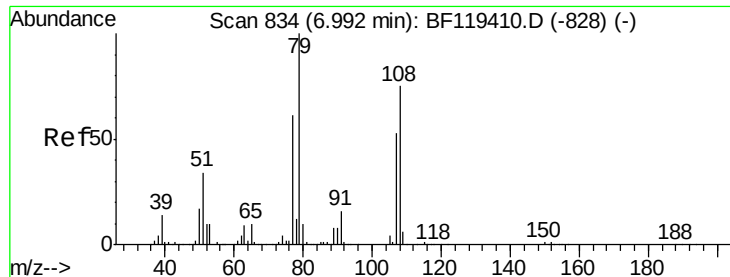
#14
 1,2-Dichlorobenzene
 Concen: 41.22 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Tgt Ion:146 Resp: 536946
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 43.9 36.1 54.1



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





#15

Benzyl Alcohol

Concen: 38.80 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

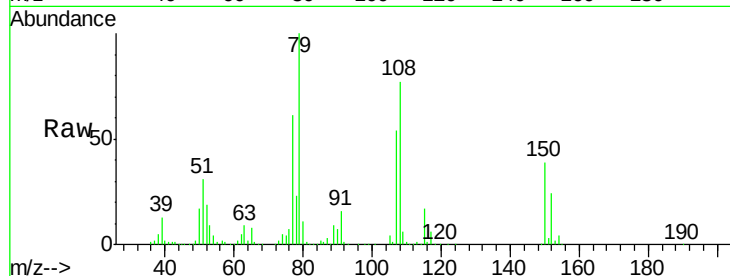
Tgt Ion: 79 Resp: 456965

Ion Ratio Lower Upper

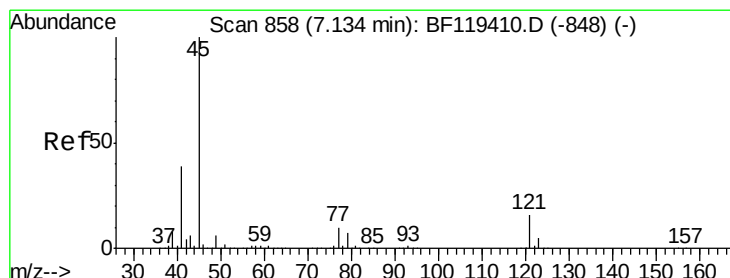
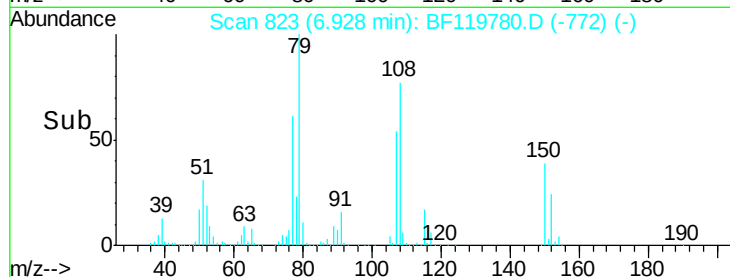
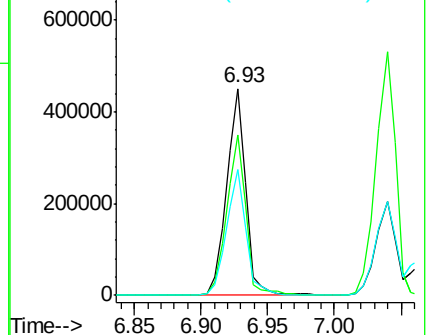
79 100

108 77.4 60.6 90.8

77 61.2 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.81 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

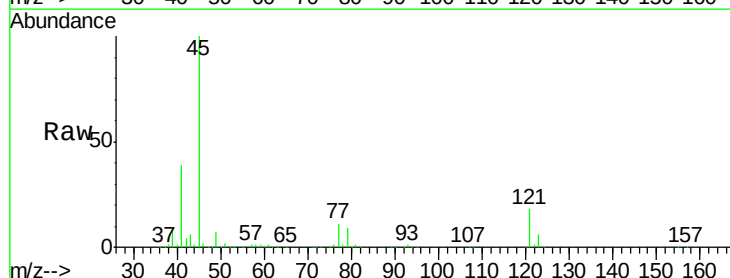
Tgt Ion: 45 Resp: 938171

Ion Ratio Lower Upper

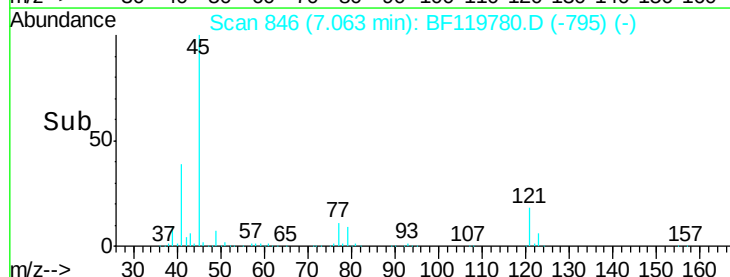
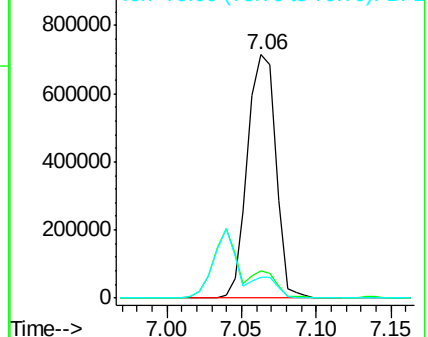
45 100

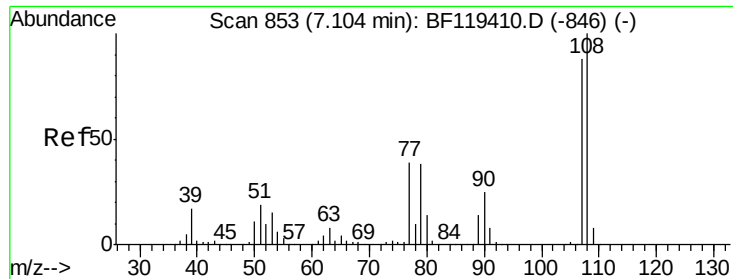
77 11.2 0.0 30.7

79 8.8 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

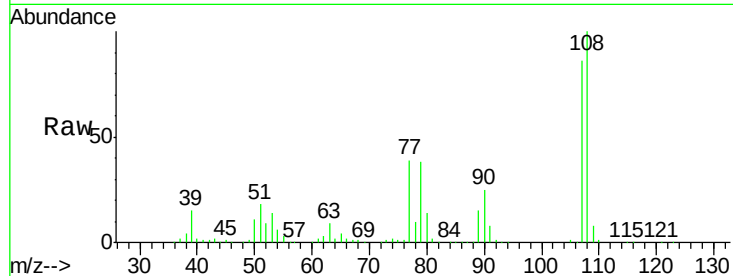




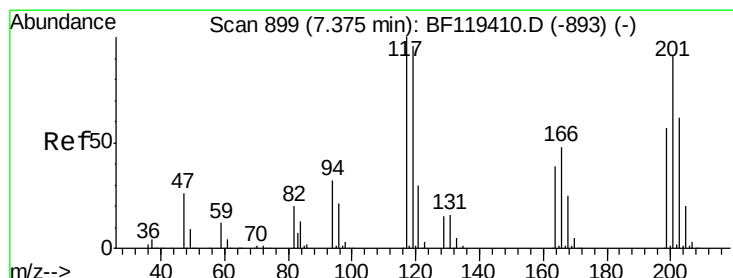
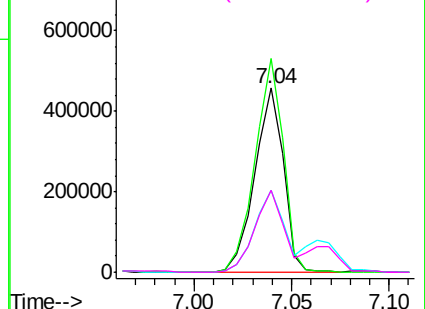
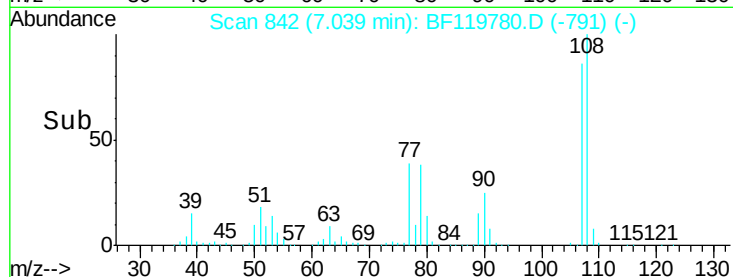
#17
2-Methylphenol
Concen: 39.17 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 461964
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.4
77 44.8 36.6 54.8
79 44.5 36.2 54.4

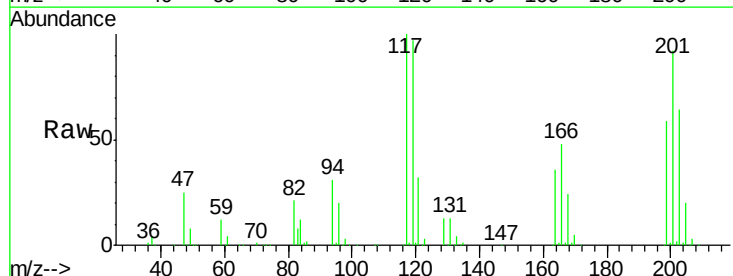


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

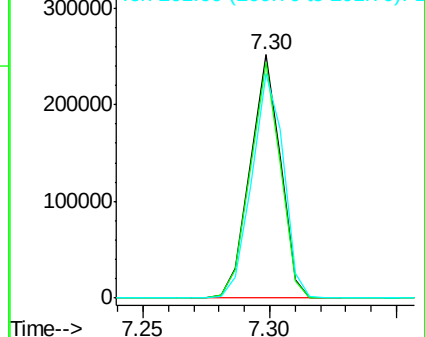
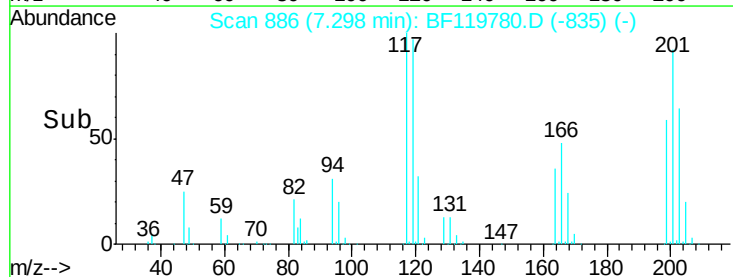


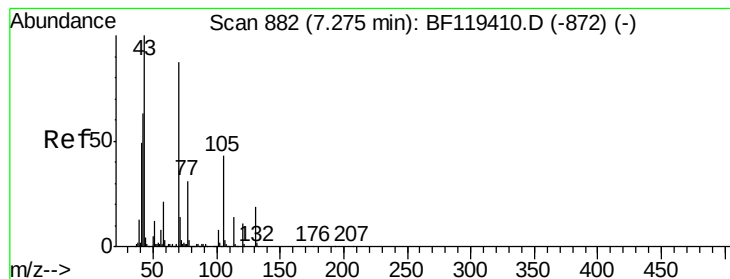
#18
Hexachloroethane
Concen: 41.01 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Tgt Ion:117 Resp: 209462
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
201 92.2 73.0 109.6



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





#19

n-Nitroso-di-n-propylamine

Concen: 38.07 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 359236

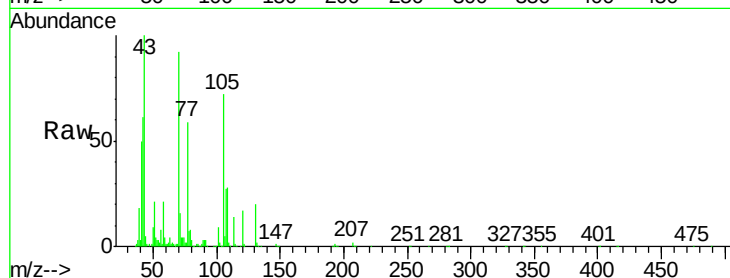
Ion Ratio Lower Upper

70 100

42 66.3 54.5 81.7

101 9.8 7.6 11.4

130 22.2 17.6 26.4

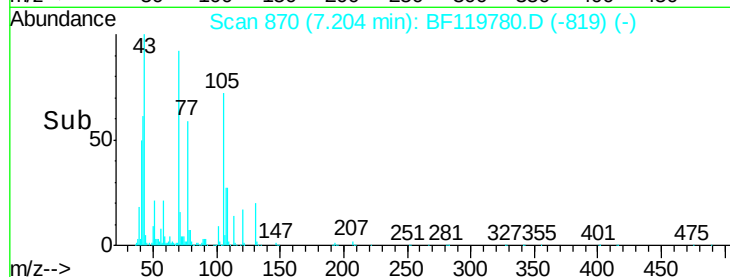
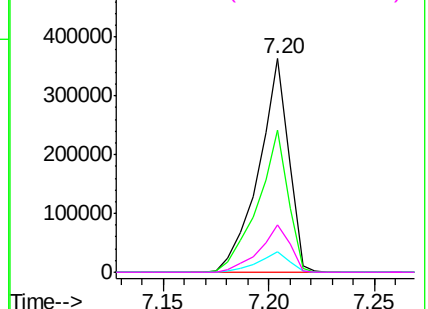


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 39.54 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Tgt Ion: 107 Resp: 571504

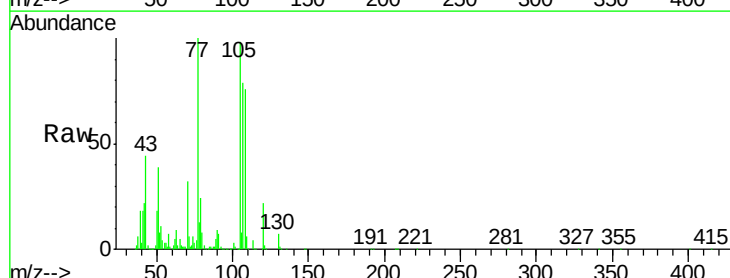
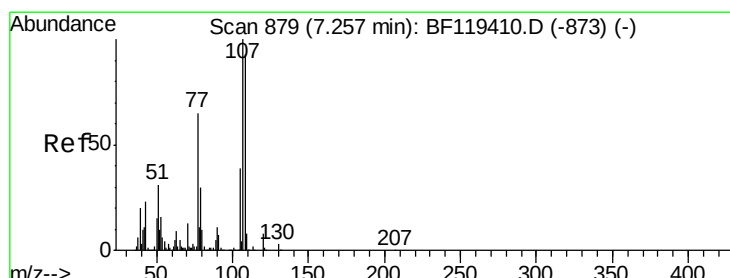
Ion Ratio Lower Upper

107 100

108 96.2 67.9 107.9

77 126.9 52.9 92.9#

79 30.8 7.7 47.7

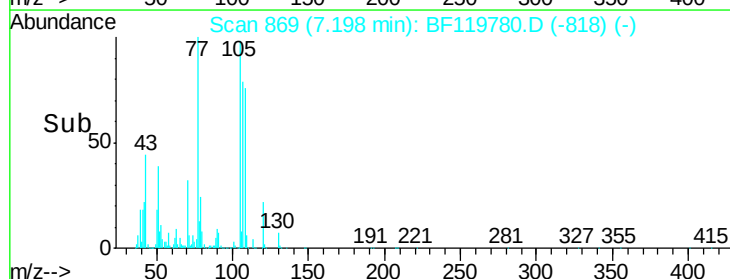
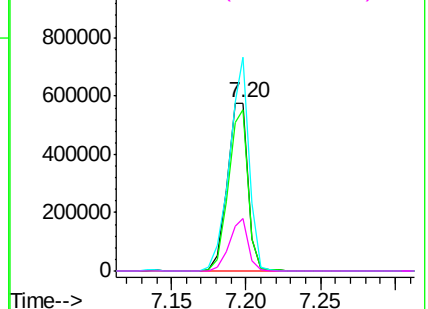


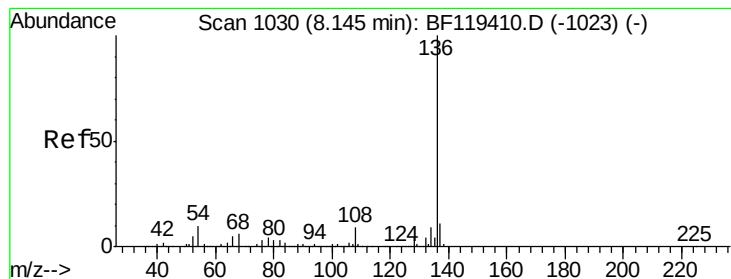
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 723790

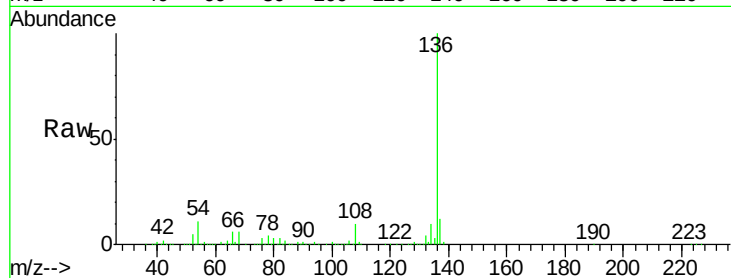
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 10.8 9.1 13.7

68 5.6 4.6 6.8

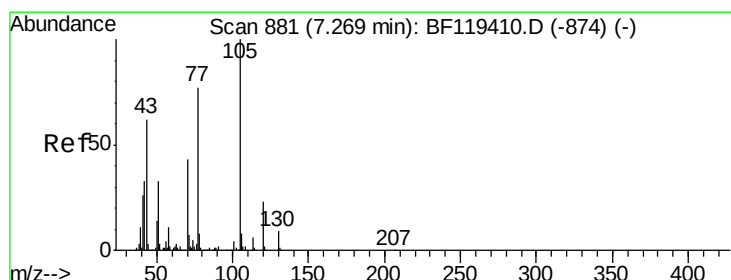
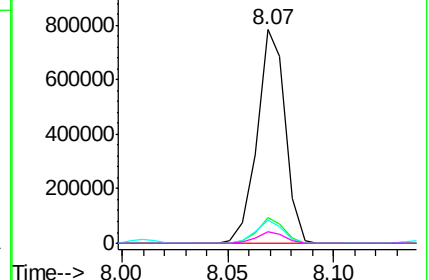
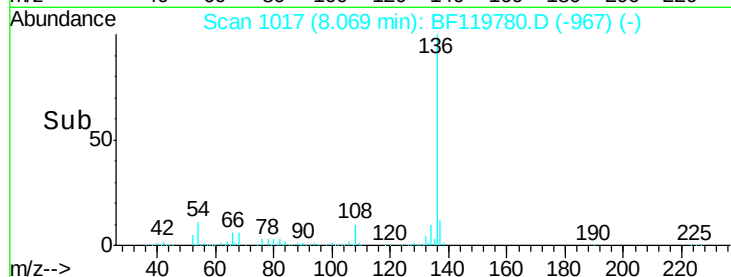


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.20 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Tgt Ion:105 Resp: 660688

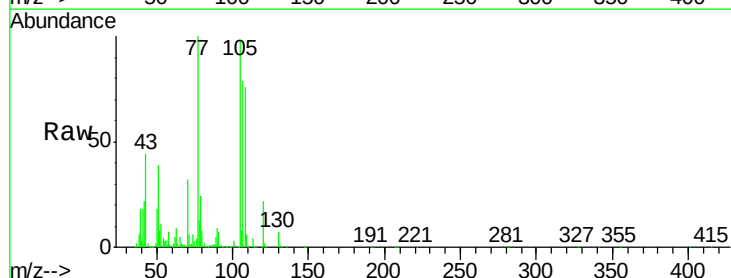
Ion Ratio Lower Upper

105 100

71 5.7 5.7 8.5#

51 39.6 26.2 39.4#

120 22.6 18.3 27.5

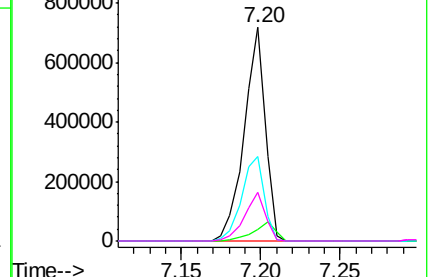
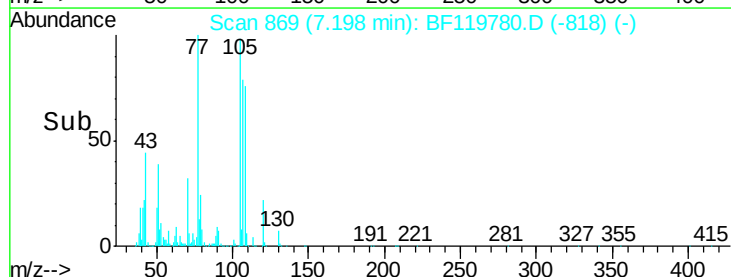


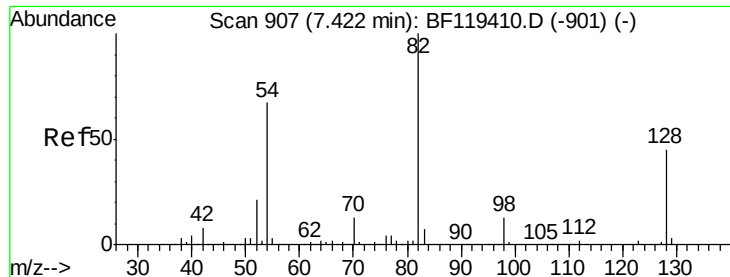
Abundance Ion 105.00 (104.70 to 105.70): E

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

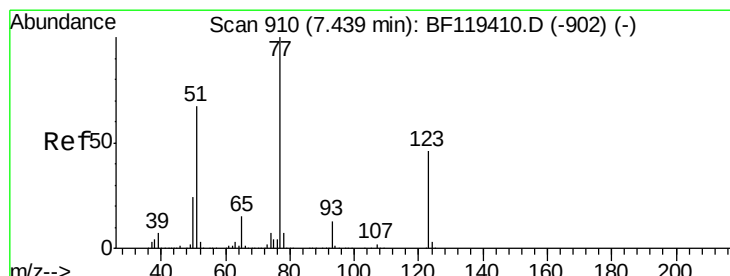
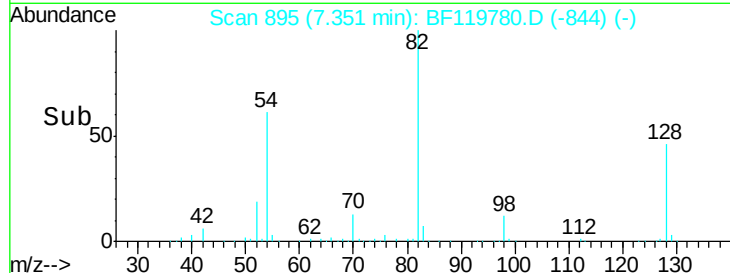
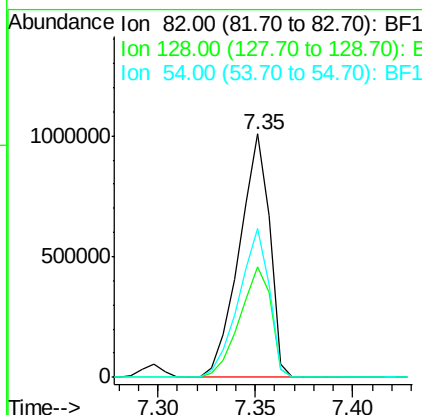
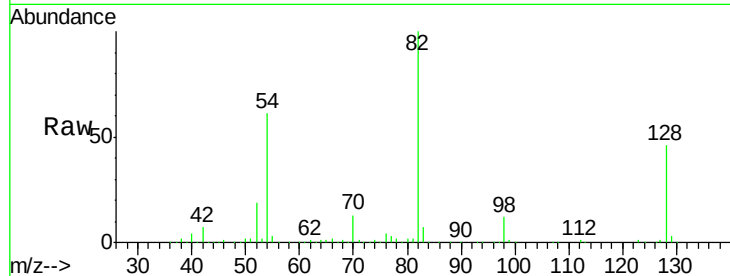




#23
 Nitrobenzene-d5
 Concen: 81.89 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

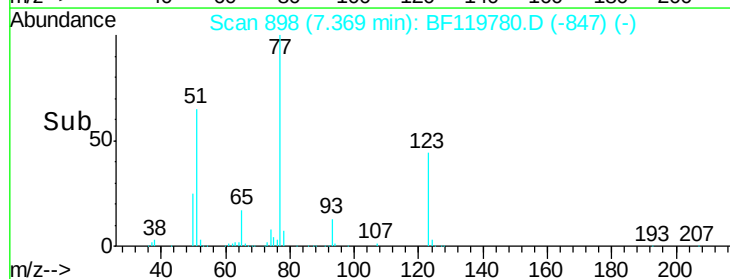
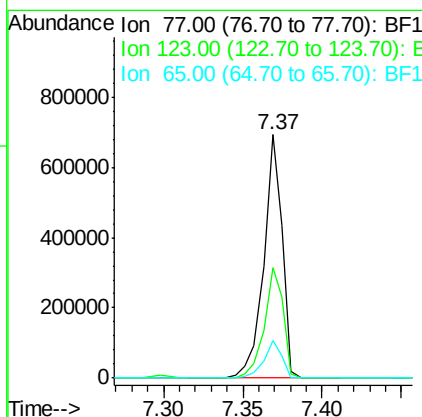
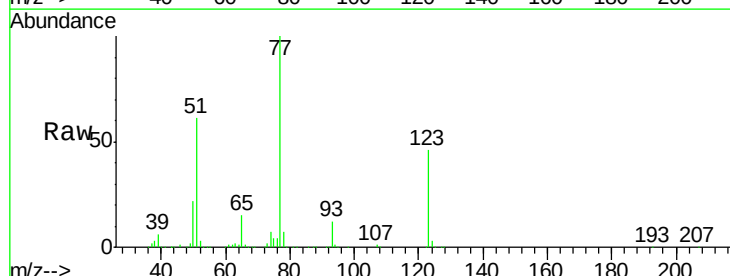
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

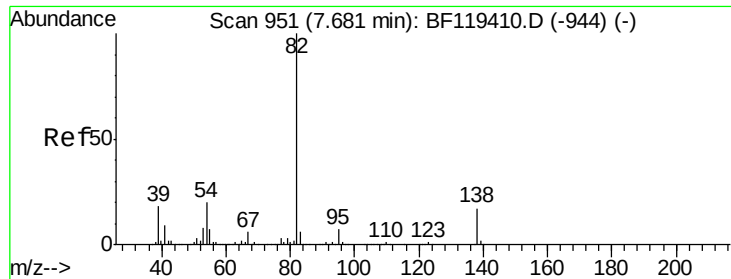
Tgt Ion: 82 Resp: 1090616
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.3 54.5
 54 61.0 50.6 75.8



#24
 Nitrobenzene
 Concen: 39.69 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Tgt Ion: 77 Resp: 564881
 Ion Ratio Lower Upper
 77 100
 123 45.6 38.0 57.0
 65 15.3 12.6 18.8





#25

Isophorone

Concen: 37.73 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

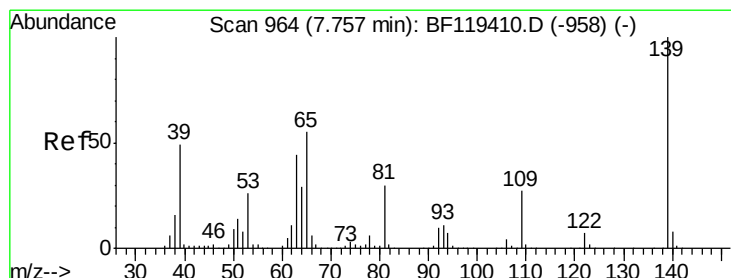
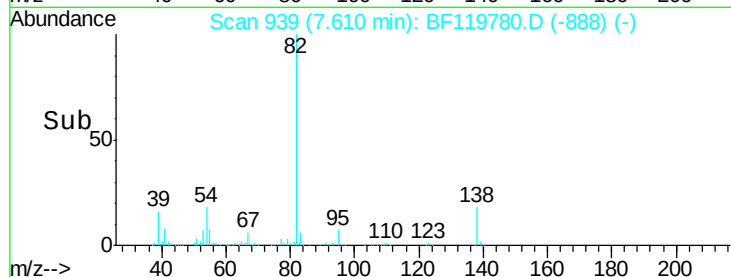
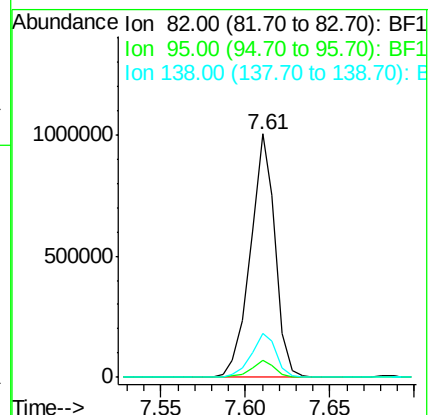
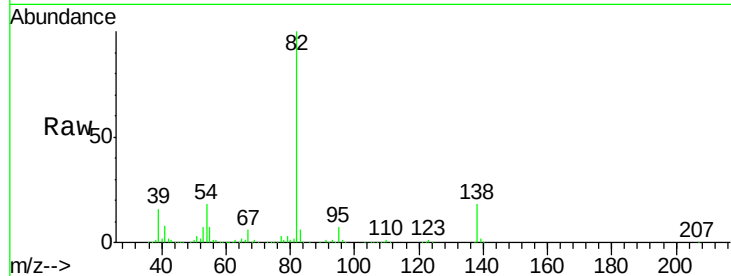
Tgt Ion: 82 Resp: 1019293

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 17.8 14.6 21.8



#26

2-Nitrophenol

Concen: 50.07 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

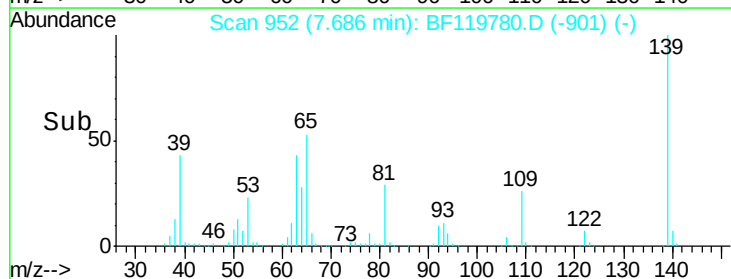
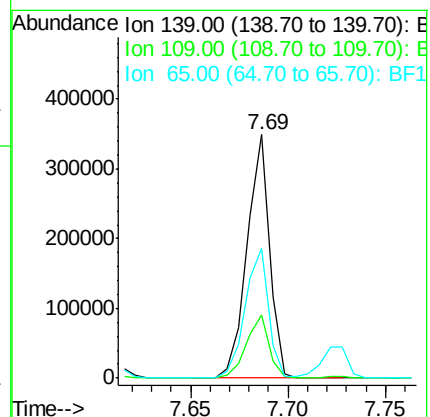
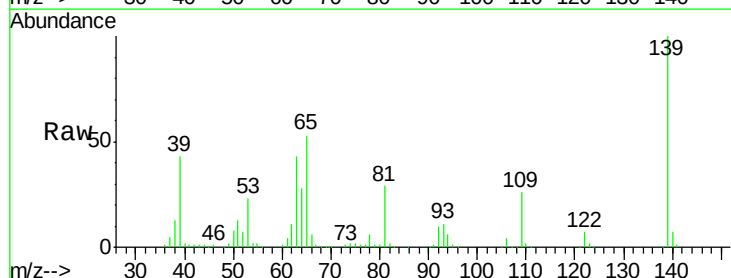
Tgt Ion: 139 Resp: 280587

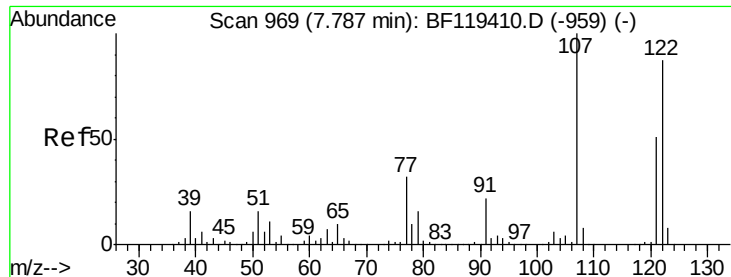
Ion Ratio Lower Upper

139 100

109 25.7 22.1 33.1

65 53.0 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 36.50 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

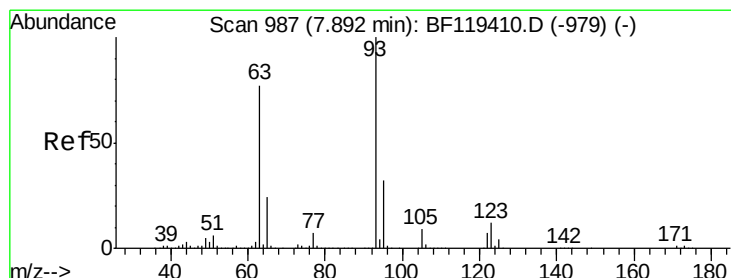
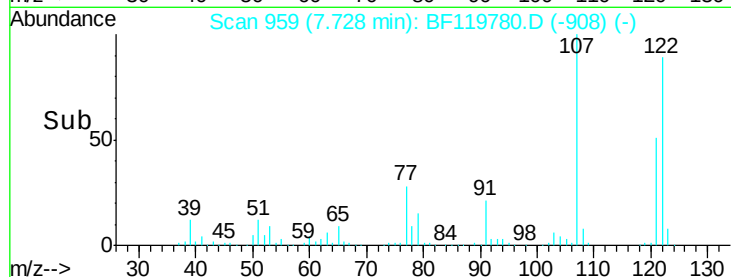
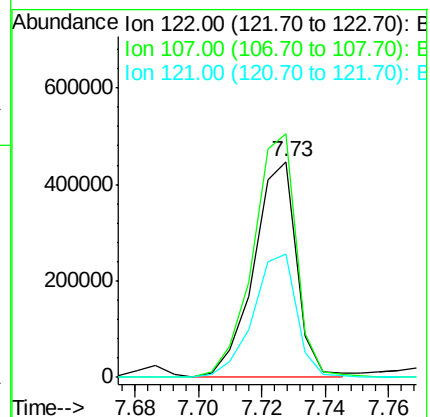
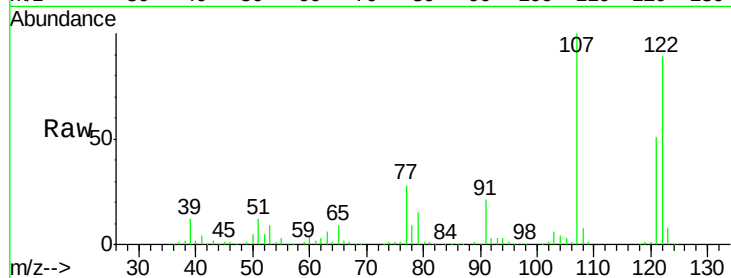
Tgt Ion:122 Resp: 422969

Ion Ratio Lower Upper

122 100

107 112.7 89.0 133.6

121 57.2 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.16 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

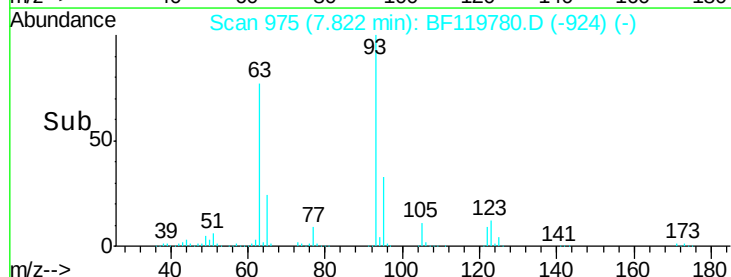
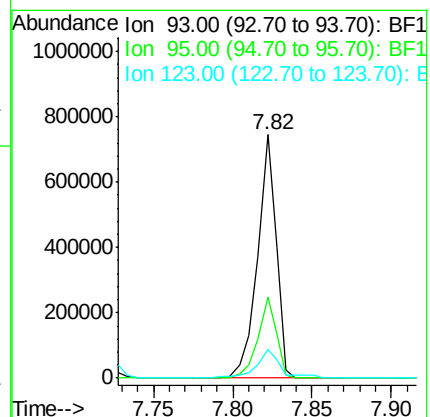
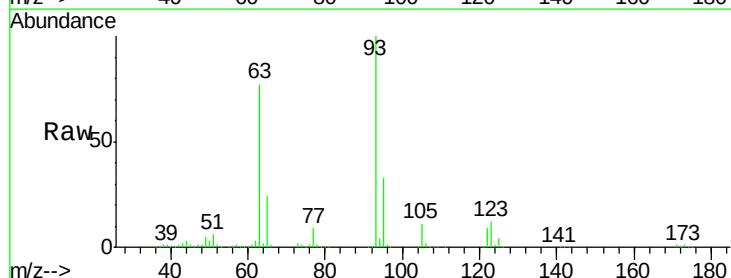
Tgt Ion: 93 Resp: 609615

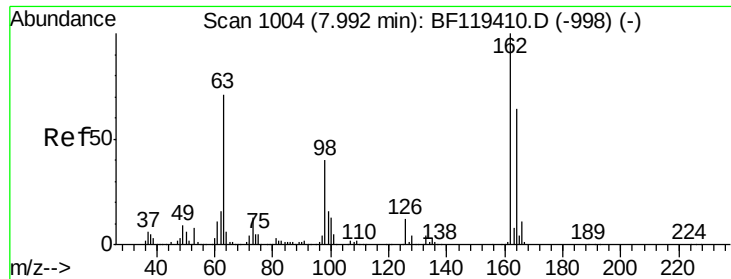
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 11.8 9.7 14.5

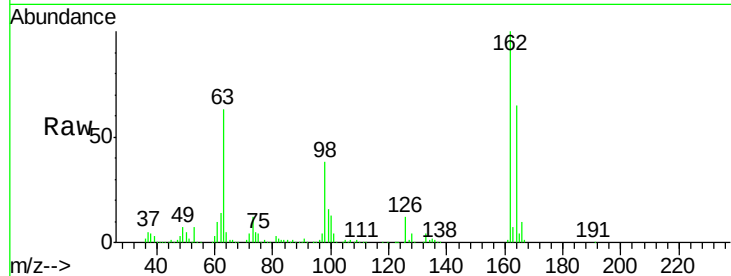




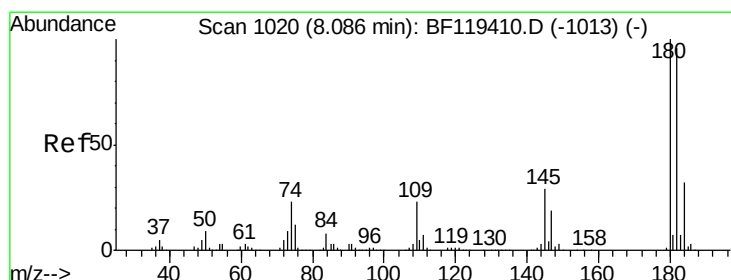
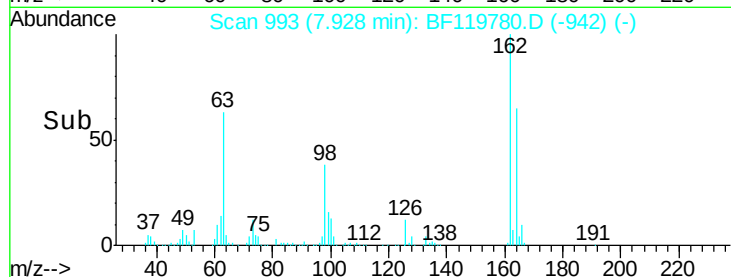
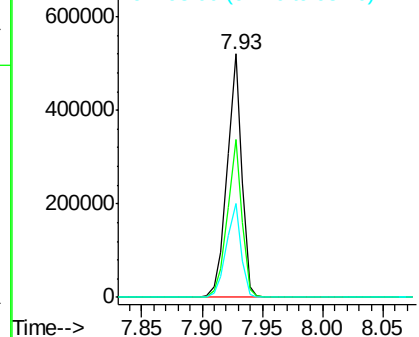
#29
2,4-Dichlorophenol
Concen: 40.71 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 433386
Ion Ratio Lower Upper
162 100
164 64.9 44.7 84.7
98 38.5 20.7 60.7

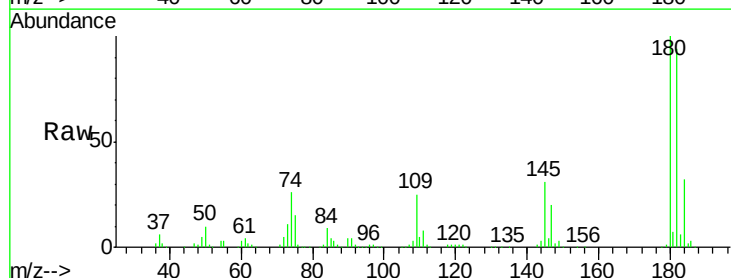


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

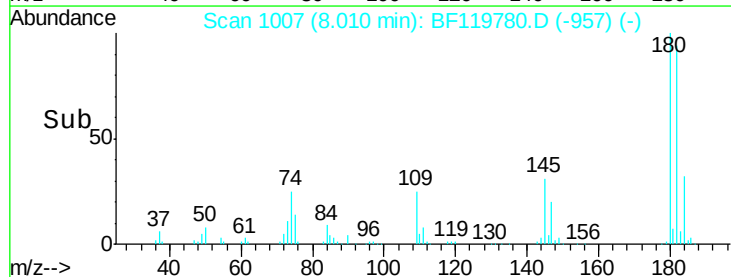
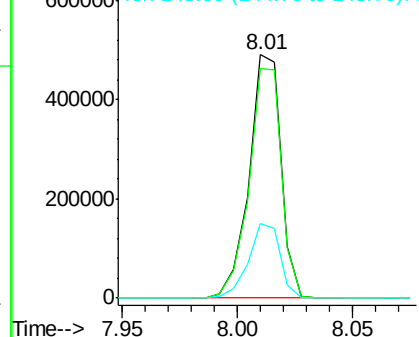


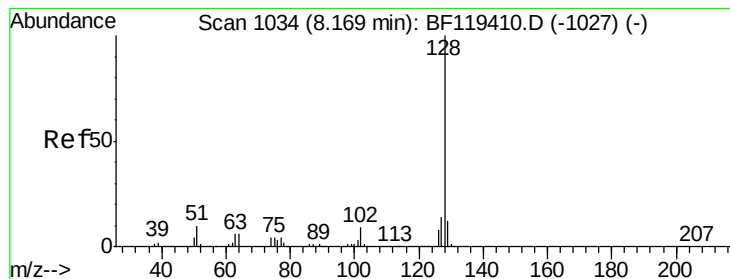
#30
1,2,4-Trichlorobenzene
Concen: 40.36 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Tgt Ion:180 Resp: 475196
Ion Ratio Lower Upper
180 100
182 94.1 74.7 112.1
145 30.8 24.5 36.7



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





#31

Naphthalene

Concen: 40.91 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

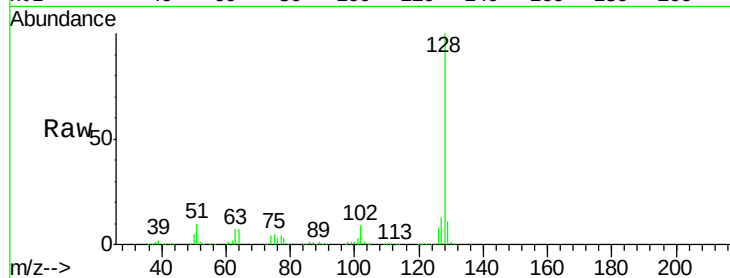
Tgt Ion:128 Resp: 1523687

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

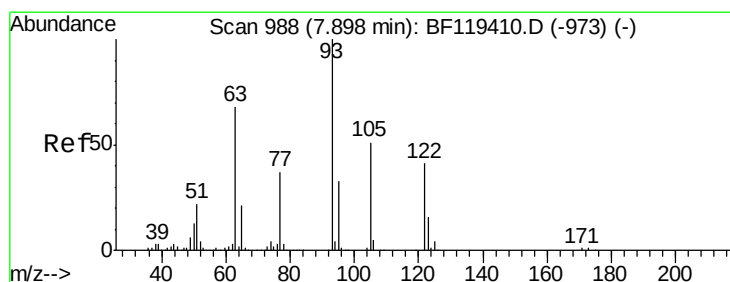
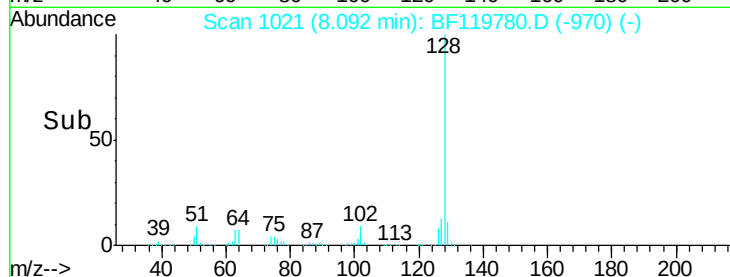
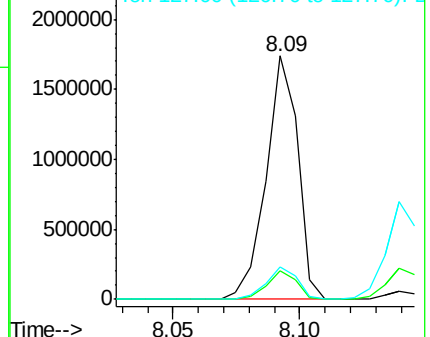
127 13.5 11.3 16.9



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: 49.14 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

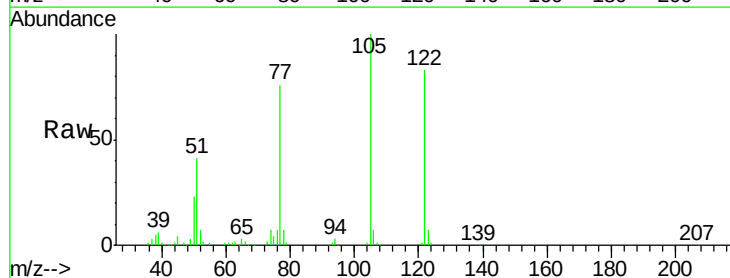
Tgt Ion:122 Resp: 366281

Ion Ratio Lower Upper

122 100

105 120.8 104.9 144.9

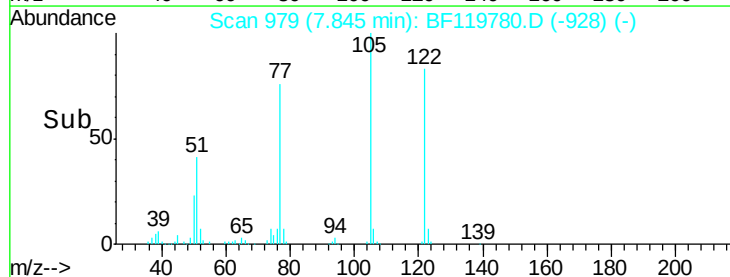
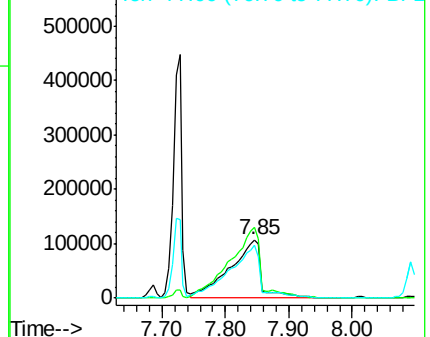
77 91.4 74.4 114.4

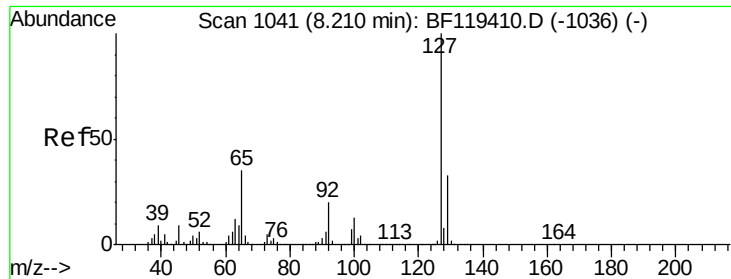


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

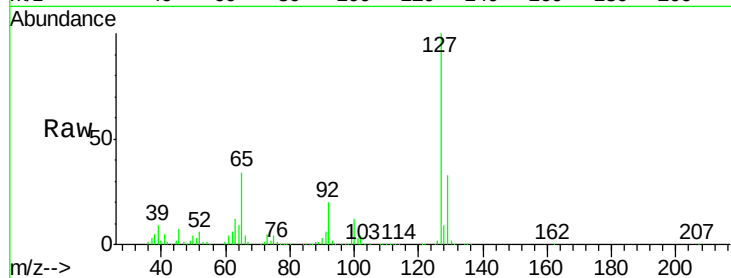




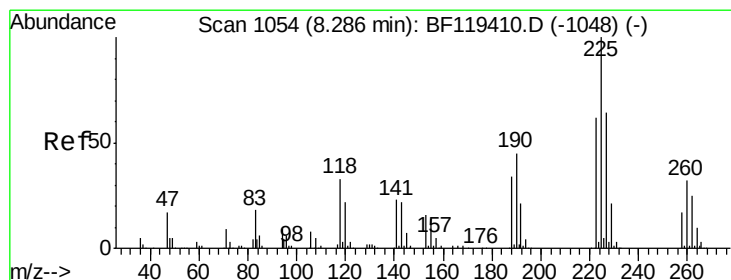
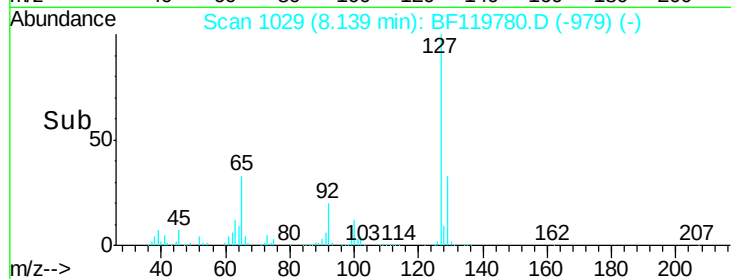
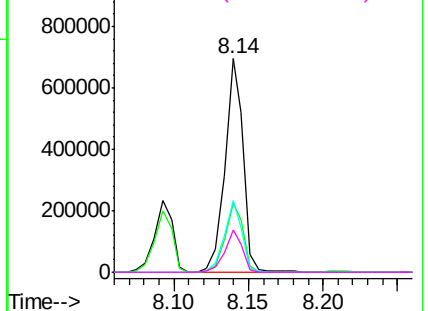
#33
4-Chloroaniline
Concen: 35.23 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	601273
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	33.7	27.4	41.0
92	19.8	15.3	22.9

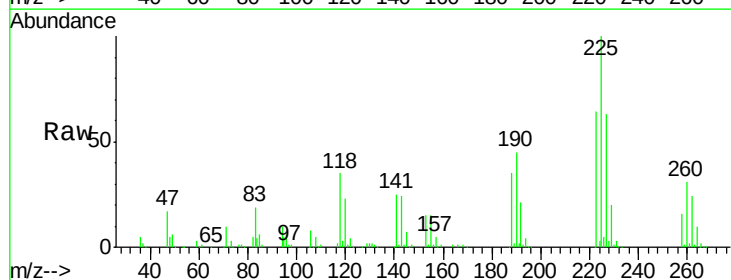


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

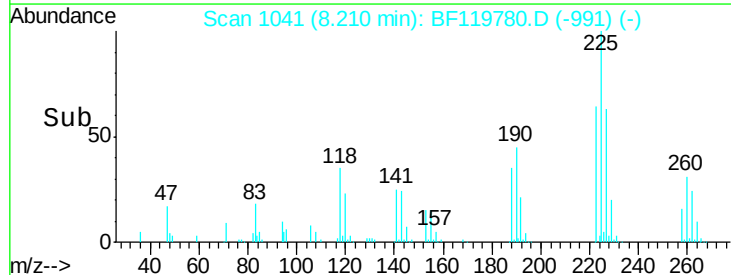
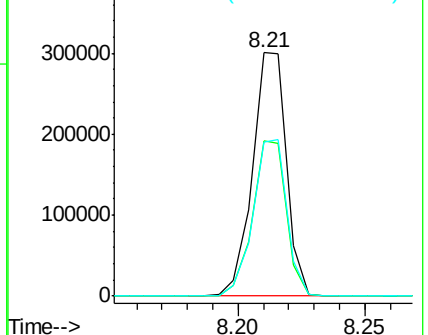


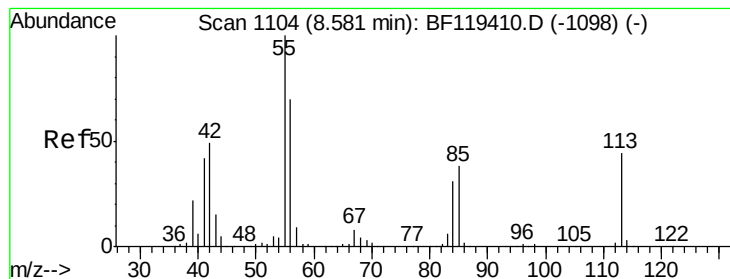
#34
Hexachlorobutadiene
Concen: 42.54 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Tgt Ion:	225	Resp:	280241
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.0	50.7	76.1



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





#35

Caprolactam

Concen: 36.86 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

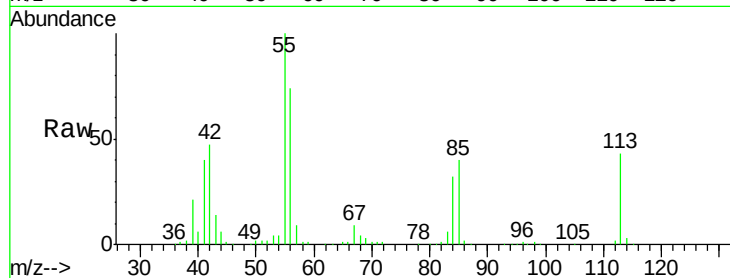
Tgt Ion:113 Resp: 128437

Ion Ratio Lower Upper

113 100

55 235.1 218.4 258.4

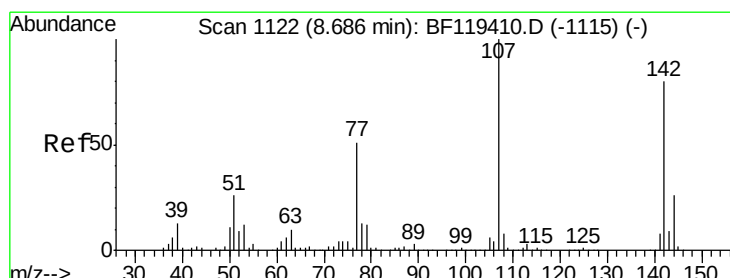
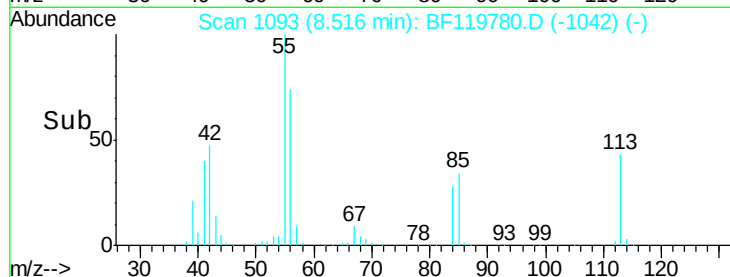
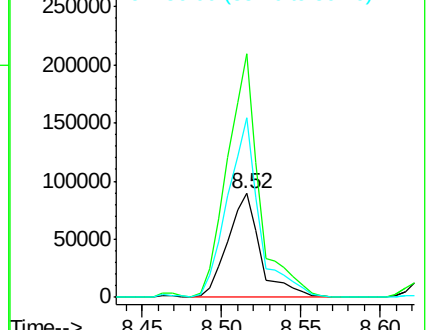
56 173.5 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.11 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

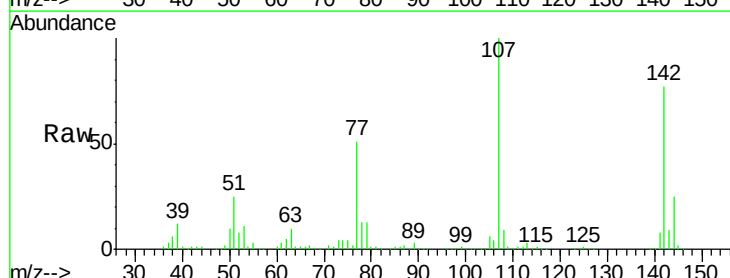
Tgt Ion:107 Resp: 455097

Ion Ratio Lower Upper

107 100

144 25.4 21.0 31.6

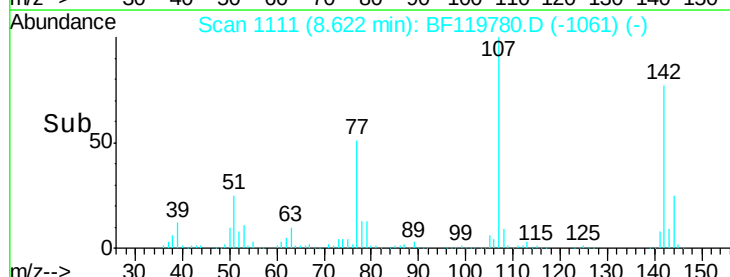
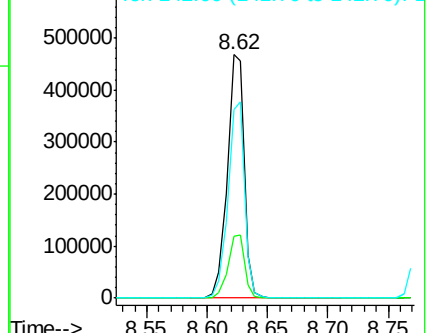
142 77.3 64.4 96.6

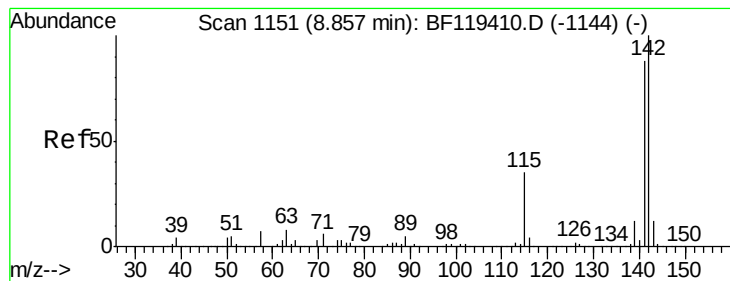


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.17 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

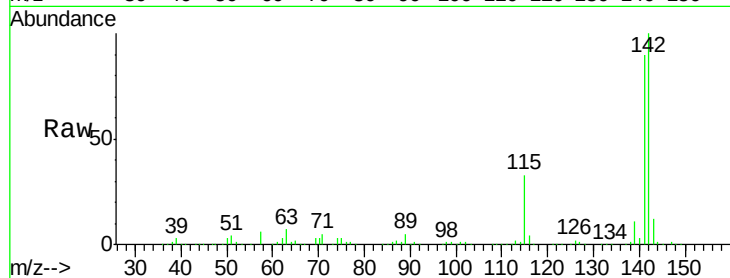
Tgt Ion:142 Resp: 982047

Ion Ratio Lower Upper

142 100

141 89.5 71.7 107.5

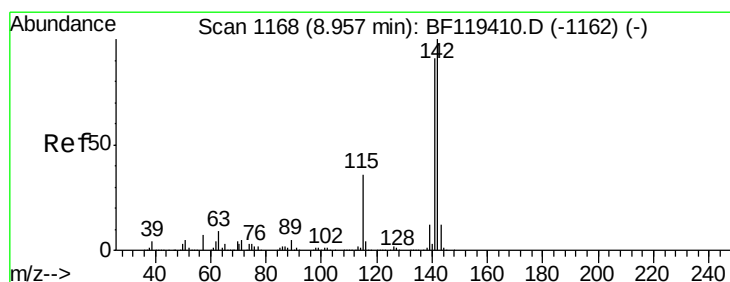
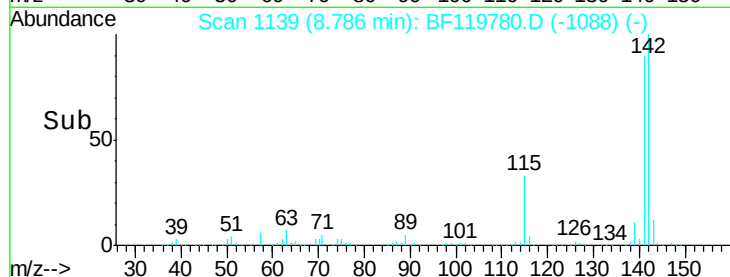
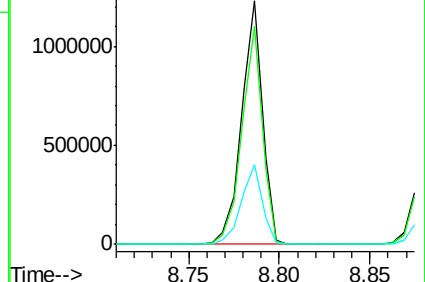
115 32.8 27.9 41.9



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: 40.10 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF119780.D

Acq: 6 Apr 2020 19:54

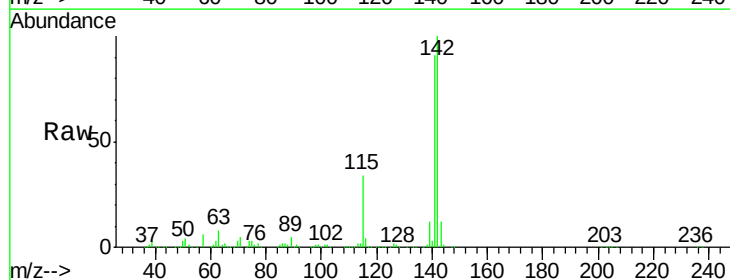
Tgt Ion:142 Resp: 927911

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

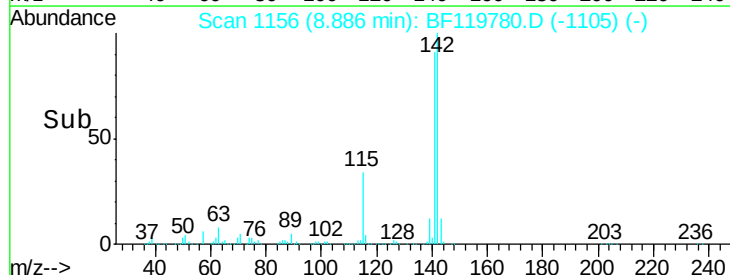
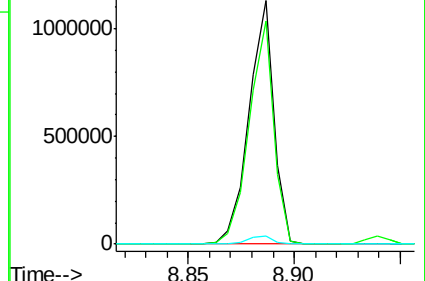
116 3.5 3.0 4.6

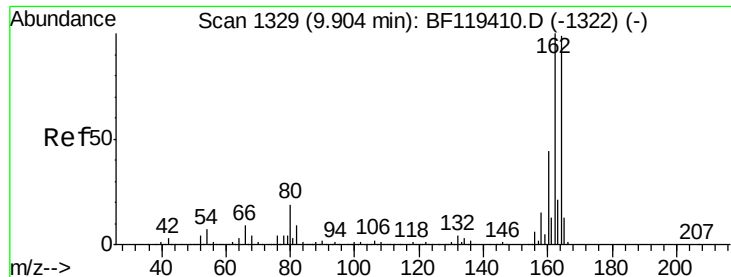


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

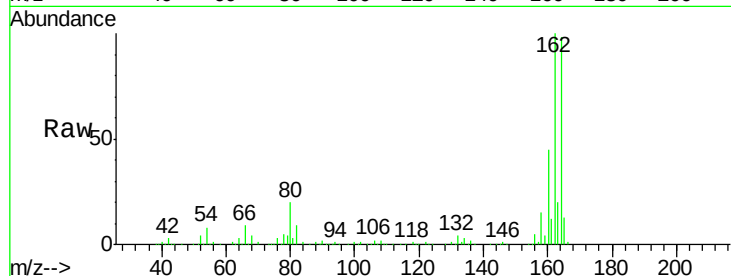




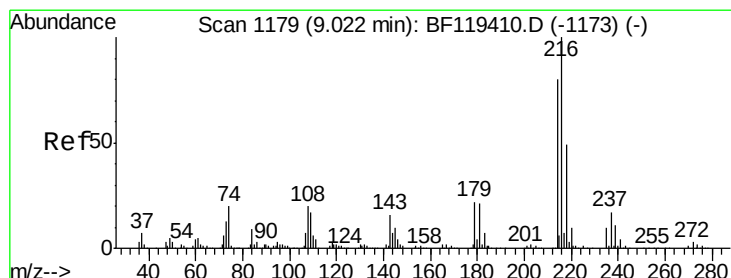
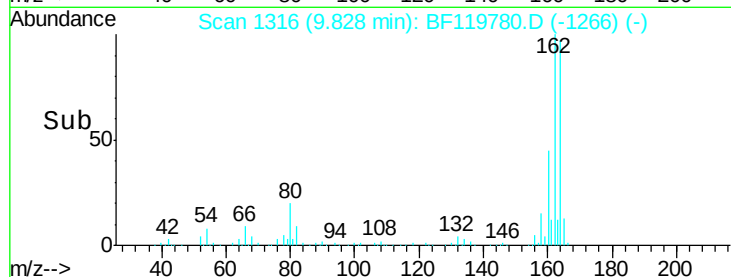
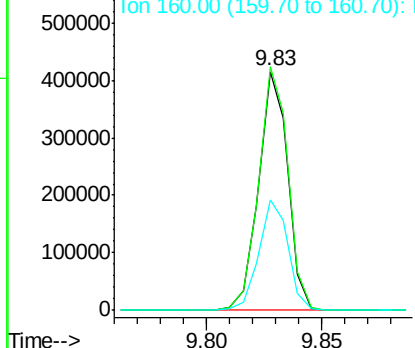
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:164 Resp: 366204
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.6 121.0
 160 46.1 35.7 53.5

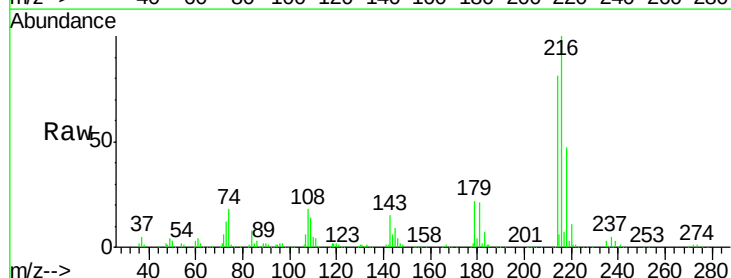


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

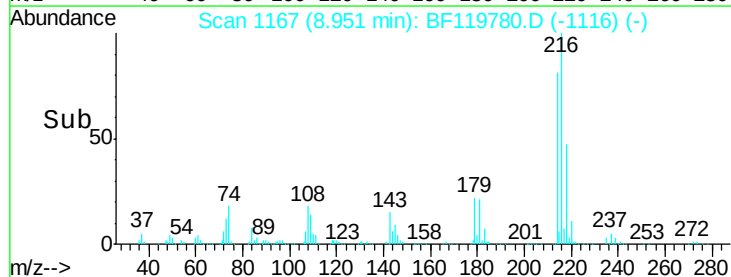
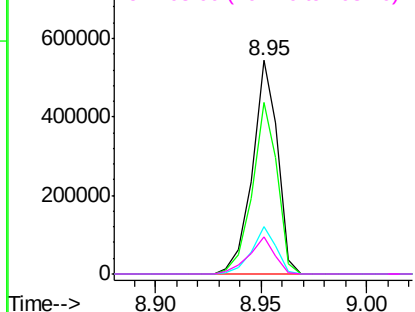


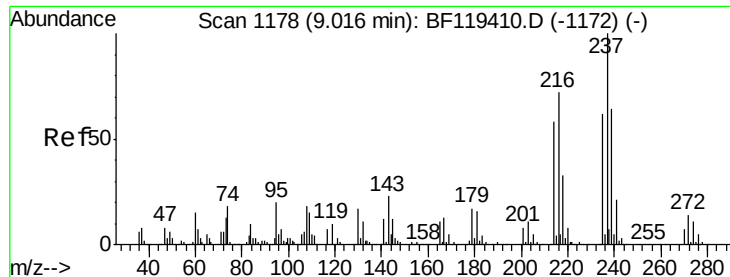
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.87 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Tgt Ion:216 Resp: 449462
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.2 94.8
 179 21.3 17.1 25.7
 108 18.1 15.1 22.7



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

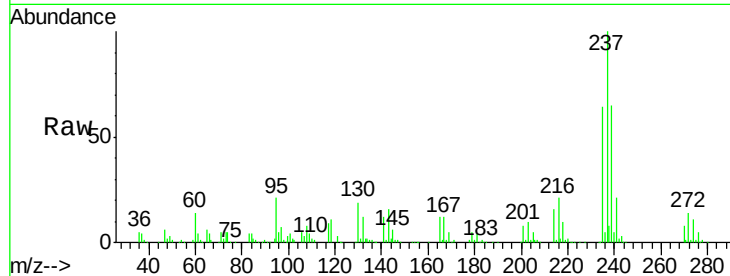




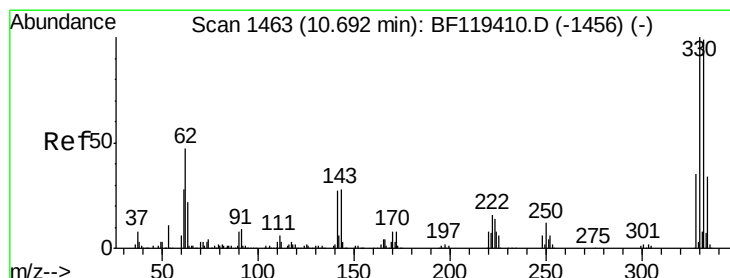
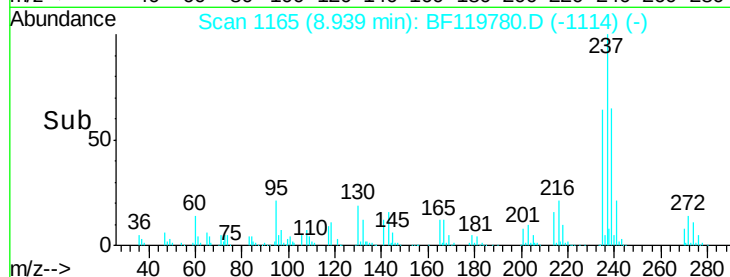
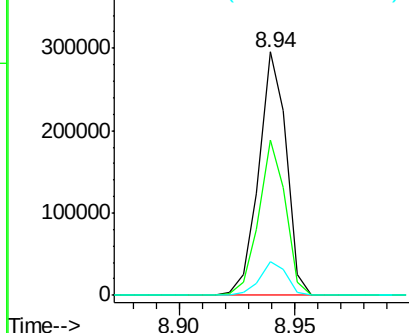
#41
Hexachlorocyclopentadiene
Concen: 40.39 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 246446
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 13.7 0.0 34.1

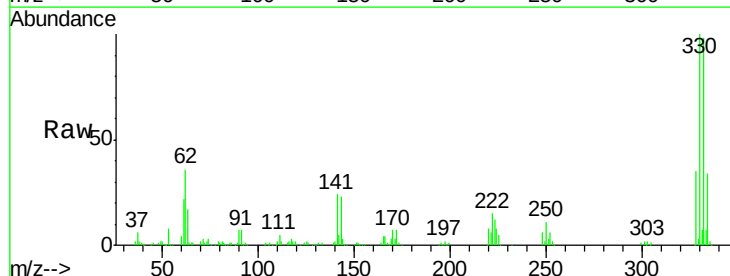


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

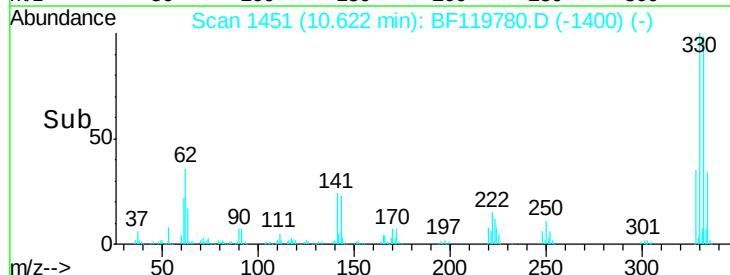
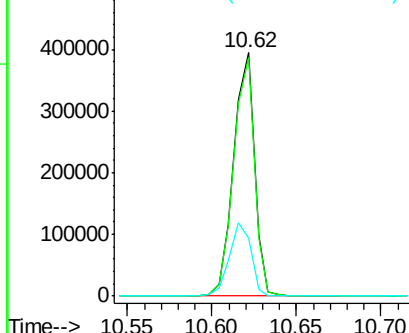


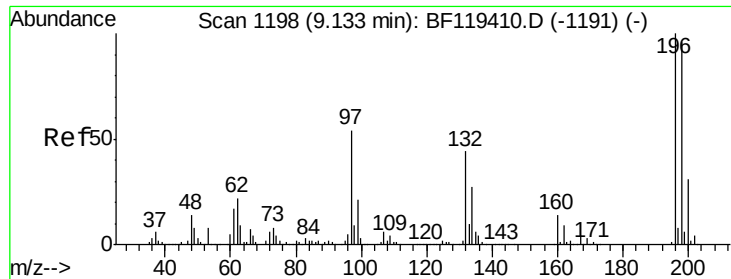
#42
2,4,6-Tribromophenol
Concen: 89.97 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Tgt Ion: 330 Resp: 339923
Ion Ratio Lower Upper
330 100
332 98.1 75.7 113.5
141 31.1 25.4 38.0



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

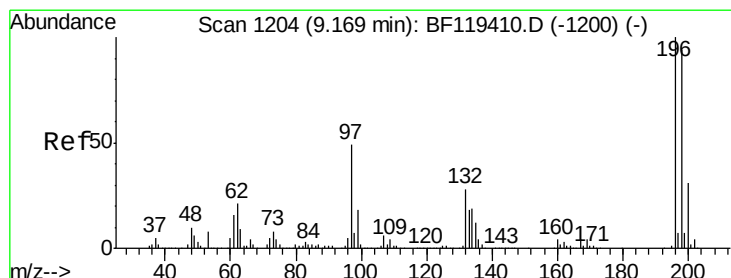
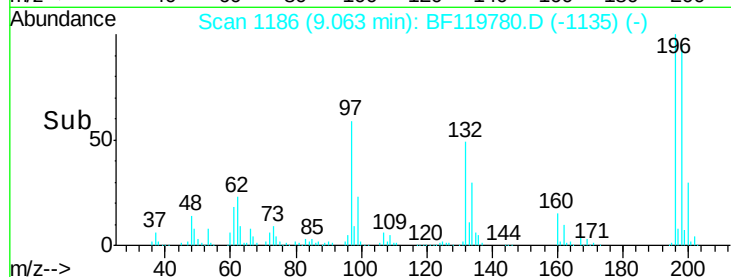
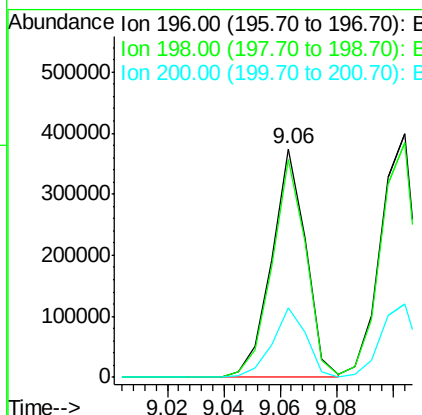
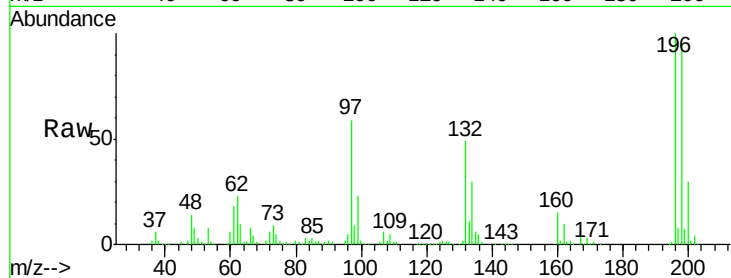




#43
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

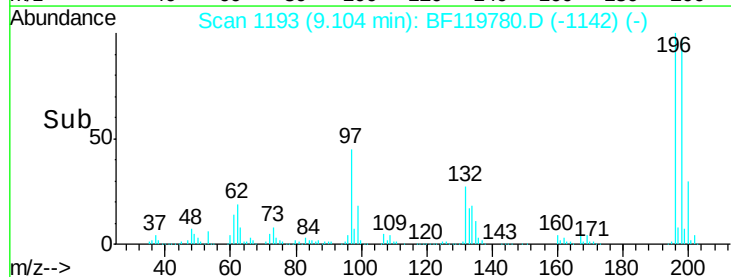
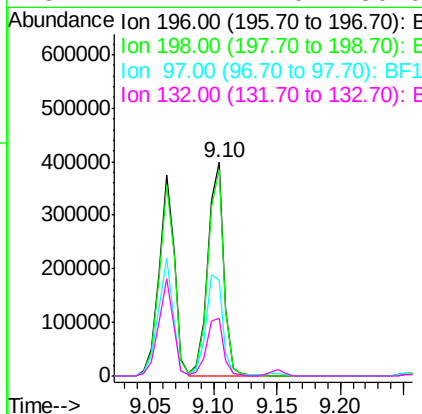
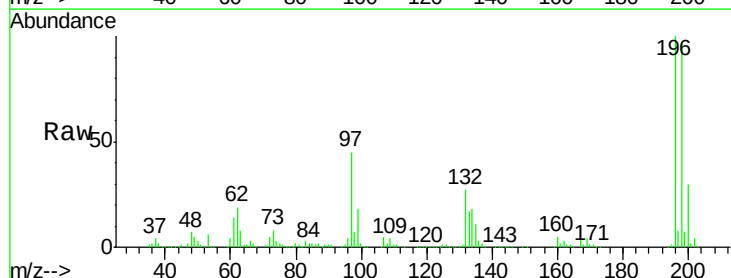
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

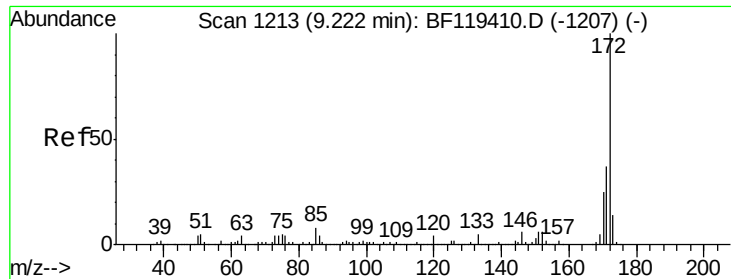
Tgt Ion:196 Resp: 314959
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 200 30.5 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.18 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Tgt Ion:196 Resp: 354350
 Ion Ratio Lower Upper
 196 100
 198 96.5 73.8 110.8
 97 45.0 42.6 63.8
 132 27.2 24.0 36.0

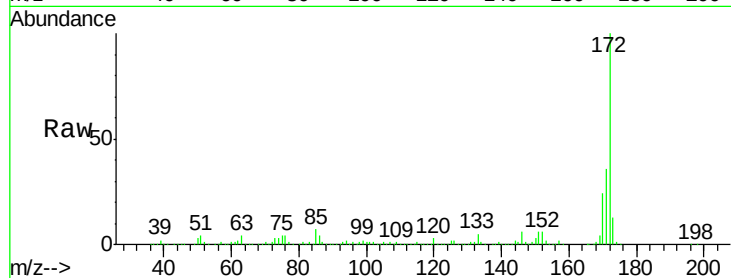




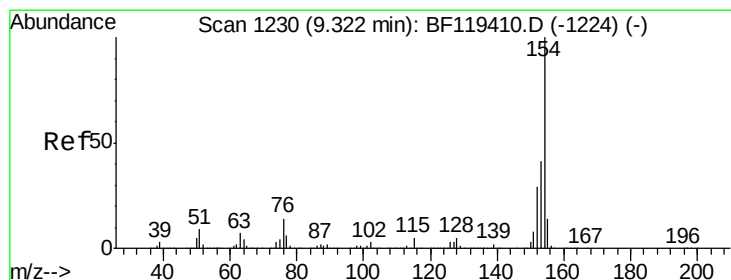
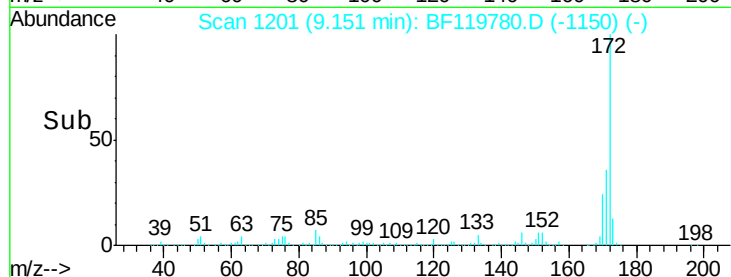
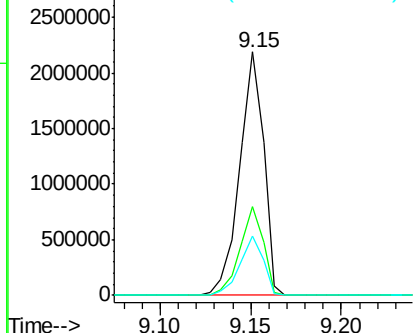
#45
2-Fluorobiphenyl
Concen: 81.17 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2006386
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.2 20.2 30.2

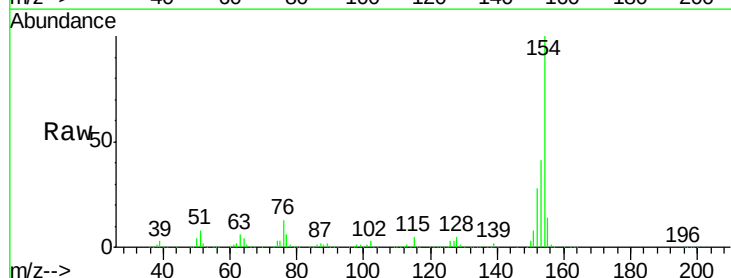


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

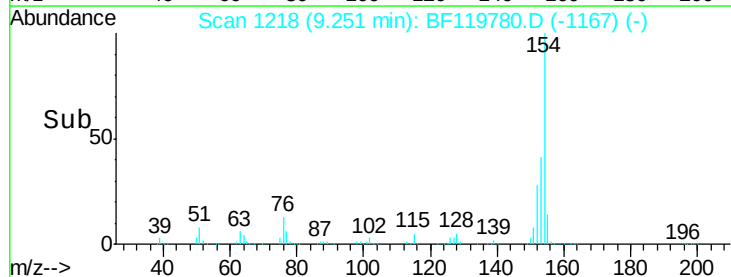
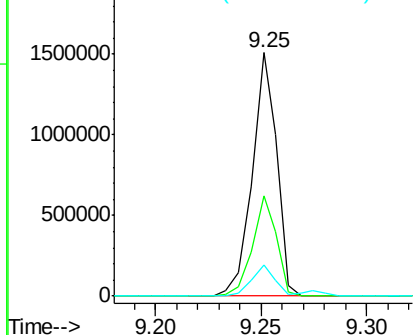


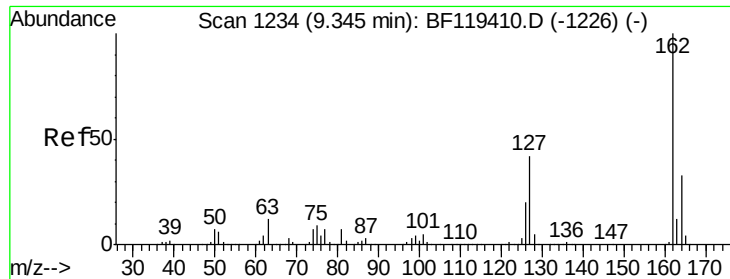
#46
1,1'-Biphenyl
Concen: 40.80 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF119780.D
Acq: 6 Apr 2020 19:54

Tgt Ion:154 Resp: 1216877
Ion Ratio Lower Upper
154 100
153 41.2 21.4 61.4
76 12.9 0.0 33.0



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

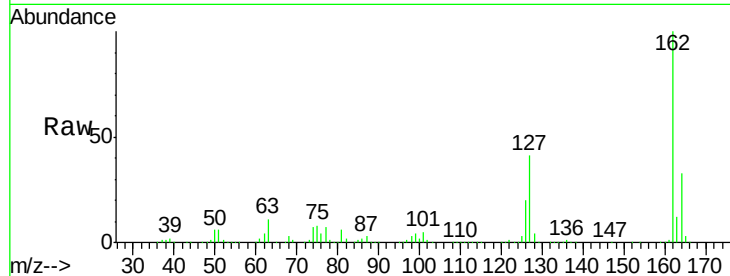




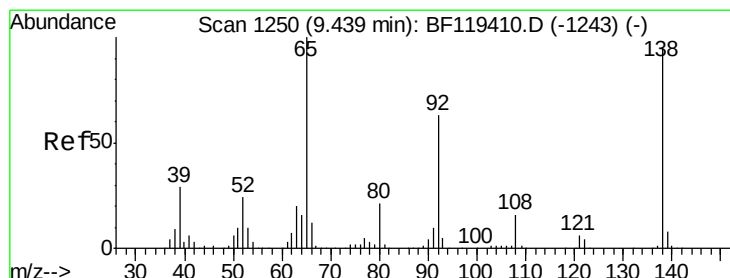
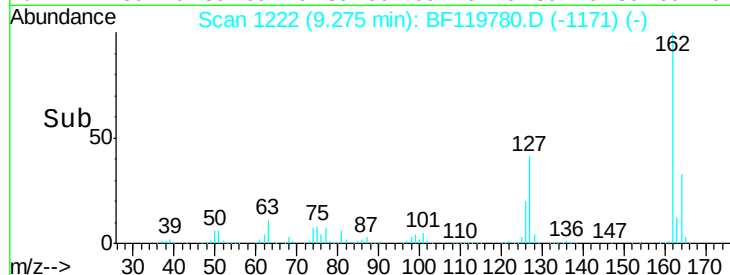
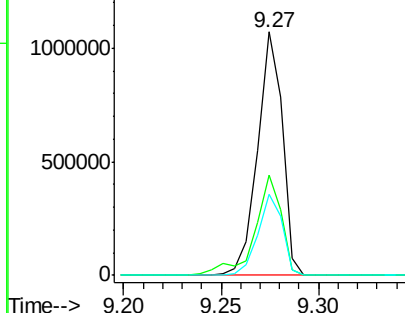
#47
 2-Chloronaphthalene
 Concen: 40.23 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 939922
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.7 50.5
 164 33.4 26.3 39.5

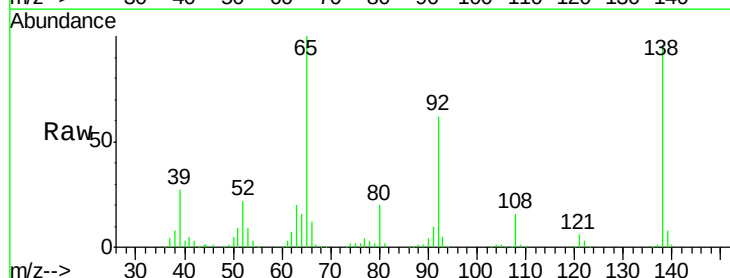


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.99 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF119780.D
 Acq: 6 Apr 2020 19:54

Tgt Ion: 65 Resp: 338568
 Ion Ratio Lower Upper
 65 100
 92 62.0 50.0 75.0
 138 96.2 75.0 112.4



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

