

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119811.D
 Acq On : 7 Apr 2020 10:21
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 07 11:16:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	197125	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	713965	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	358979	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	677110	20.00	ng	0.00
76) Chrysene-d12	13.96	240	501134	20.00	ng	0.00
87) Perylene-d12	15.40	264	504660	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	969632	78.30	ng	0.00
7) Phenol-d6	6.42	99	1240926	78.45	ng	0.00
23) Nitrobenzene-d5	7.35	82	1107274	84.29	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	337809	91.21	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2014711	83.15	ng	0.00
79) Terphenyl-d14	12.90	244	2094490	81.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	219363	35.868	ng	97
3) Pyridine	3.19	79	588229	34.912	ng	95
4) n-Nitrosodimethylamine	3.14	42	275241	33.499	ng	98
6) Aniline	6.45	93	805853	36.912	ng	97
8) 2-Chlorophenol	6.57	128	524560	40.333	ng	98
9) Benzaldehyde	6.33	77	343030	34.184	ng	98
10) Phenol	6.43	94	694467	41.145	ng	89
11) bis(2-Chloroethyl)ether	6.52	93	519714	38.499	ng	99
12) 1,3-Dichlorobenzene	6.72	146	567783	40.337	ng	96
13) 1,4-Dichlorobenzene	6.80	146	571429	40.586	ng	98
14) 1,2-Dichlorobenzene	6.96	146	538368	40.909	ng	98
15) Benzyl Alcohol	6.93	79	453207	38.088	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	933024	34.266	ng	99
17) 2-Methylphenol	7.04	107	466691	39.165	ng	98
18) Hexachloroethane	7.30	117	210660	40.828	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	358062	37.554	ng	97
20) 3+4-Methylphenols	7.19	107	571399	39.127	ng	# 88
22) Acetophenone	7.20	105	672390	39.413	ng	# 90
24) Nitrobenzene	7.37	77	557008	39.675	ng	99
25) Isophorone	7.61	82	1015740	38.116	ng	99
26) 2-Nitrophenol	7.69	139	281977	51.011	ng	91
27) 2,4-Dimethylphenol	7.73	122	420926	36.826	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	605030	38.395	ng	100
29) 2,4-Dichlorophenol	7.93	162	426794	40.638	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	475783	40.964	ng	100
31) Naphthalene	8.09	128	1507156	41.021	ng	99
32) Benzoic acid	7.85	122	279722	38.044	ng	99
33) 4-Chloroaniline	8.14	127	649404	38.573	ng	100
34) Hexachlorobutadiene	8.21	225	282078	43.407	ng	100
35) Caprolactam	8.52	113	129158	37.577	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	451631	39.345	ng	98
37) 2-Methylnaphthalene	8.79	142	979048	40.602	ng	98
38) 1-Methylnaphthalene	8.89	142	917893	40.217	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	448724	42.646	ng	99

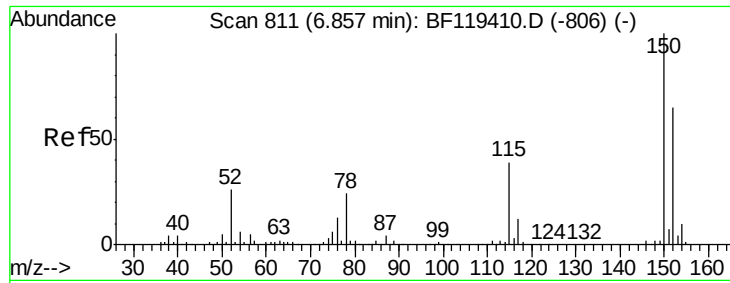
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119811.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	219522	36.698	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	312624	41.518	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	351628	41.686	ng	95
46) 1,1'-Biphenyl	9.25	154	1234798	42.234	ng	97
47) 2-Chloronaphthalene	9.27	162	941272	41.101	ng	99
48) 2-Nitroaniline	9.37	65	332509	42.064	ng	99
49) Acenaphthylene	9.69	152	1452591	40.390	ng	98
50) Dimethylphthalate	9.56	163	1045511	41.003	ng	99
51) 2,6-Dinitrotoluene	9.62	165	238386	43.617	ng	99
52) Acenaphthene	9.86	154	912098	40.681	ng	99
53) 3-Nitroaniline	9.79	138	283251	41.051	ng	90
54) 2,4-Dinitrophenol	9.89	184	90490	42.058	ng	99
55) Dibenzofuran	10.03	168	1302722	40.526	ng	100
56) 4-Nitrophenol	9.94	139	205175	37.694	ng	97
57) 2,4-Dinitrotoluene	10.02	165	314898	45.737	ng	97
58) Fluorene	10.38	166	987665	41.549	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	261809	41.523	ng	99
60) Diethylphthalate	10.26	149	1061114	41.002	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	494620	42.550	ng	97
62) 4-Nitroaniline	10.40	138	273606	41.351	ng	99
63) Azobenzene	10.53	77	1017157	39.030	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	143920	50.688	ng	95
66) n-Nitrosodiphenylamine	10.49	169	886693	39.890	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	325732	42.240	ng	95
68) Hexachlorobenzene	10.93	284	332917	42.181	ng	93
69) Atrazine	11.02	200	246681	40.480	ng	97
70) Pentachlorophenol	11.12	266	184933	39.961	ng	99
71) Phenanthrene	11.34	178	1410821	40.183	ng	99
72) Anthracene	11.39	178	1433403	40.170	ng	99
73) Carbazole	11.54	167	1388369	39.308	ng	99
74) Di-n-butylphthalate	11.88	149	1617939	42.822	ng	100
75) Fluoranthene	12.53	202	1521548	40.044	ng	99
77) Benzidine	12.65	184	619994	29.234	ng	100
78) Pyrene	12.76	202	1572906	38.245	ng	99
80) Butylbenzylphthalate	13.38	149	690874	41.533	ng	95
81) Benzo(a)anthracene	13.95	228	1290725	39.607	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	495098	38.532	ng	98
83) Chrysene	13.99	228	1298769	38.617	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	892378	45.003	ng	100
85) Di-n-octyl phthalate	14.56	149	1605935	46.049	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1318275	41.619	ng	99
88) Benzo(b)fluoranthene	14.99	252	1295374	38.426	ng	98
89) Benzo(k)fluoranthene	15.02	252	1296867	40.401	ng	100
90) Benzo(a)pyrene	15.34	252	1217125	39.728	ng	98
91) Dibenzo(a,h)anthracene	16.85	278	1084308	40.465	ng	100
92) Benzo(g,h,i)perylene	17.26	276	1060592	39.397	ng	98

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

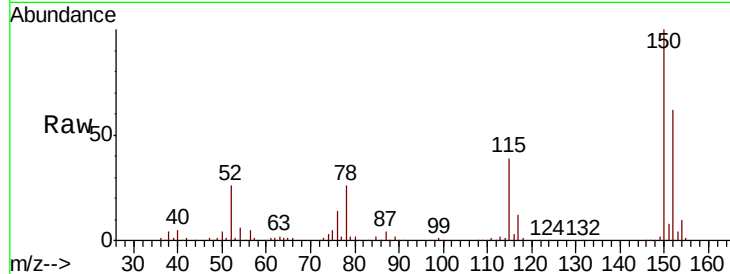


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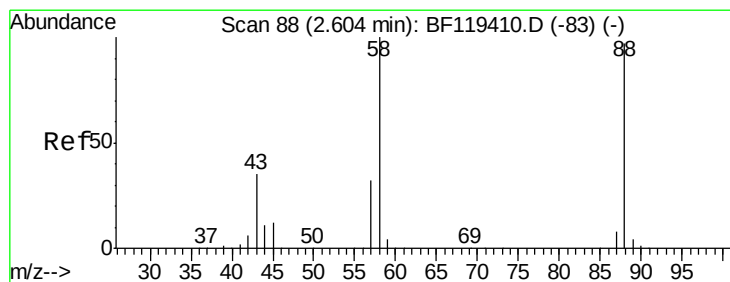
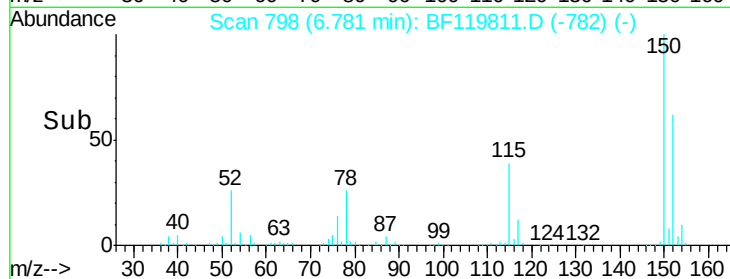
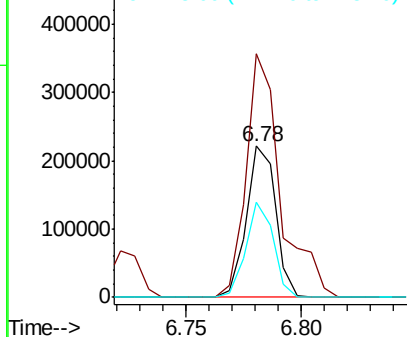
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 197125
Ion Ratio Lower Upper
152 100
150 161.0 124.5 186.7
115 63.0 49.6 74.4



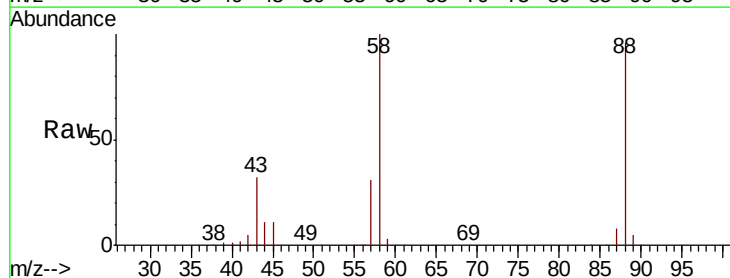
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



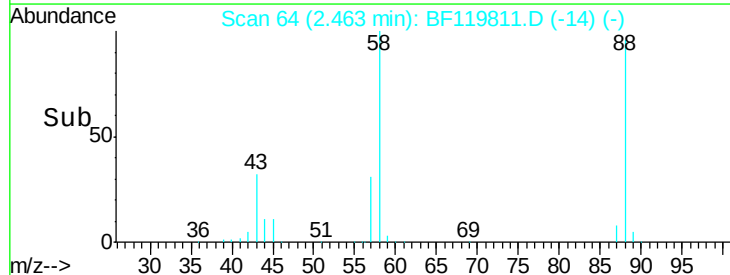
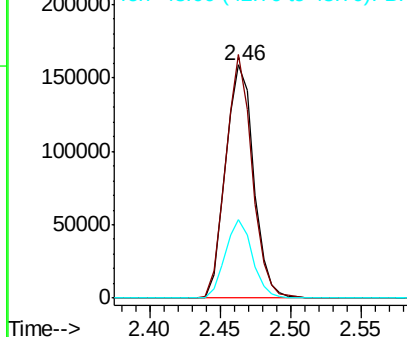
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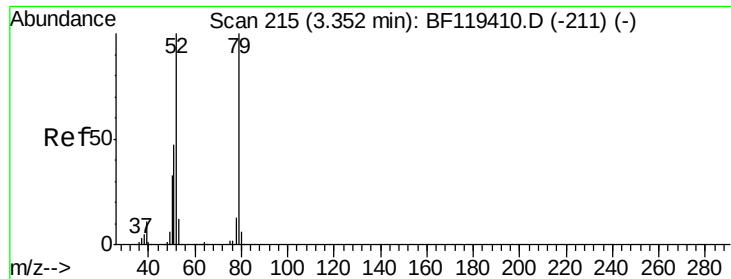
1,4-Dioxane
Concen: 35.868 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion: 88 Resp: 219363
Ion Ratio Lower Upper
88 100
58 98.0 80.6 121.0
43 32.6 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: 34.912 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

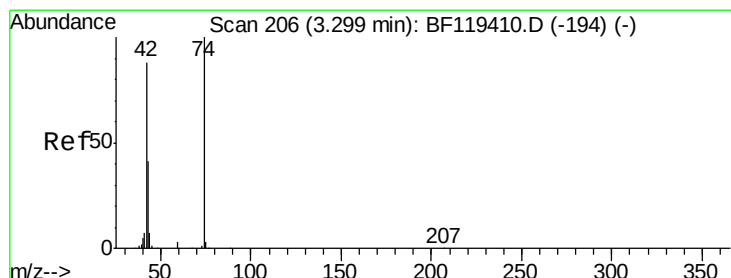
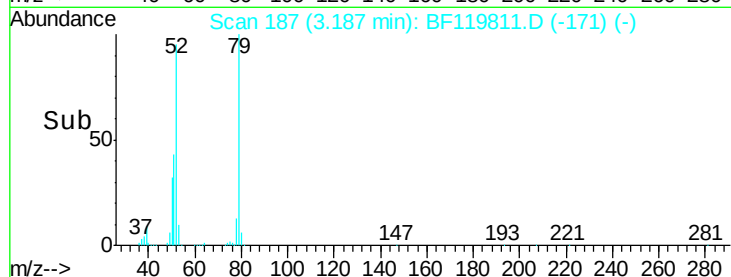
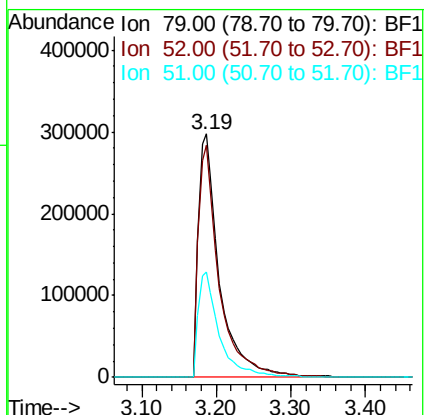
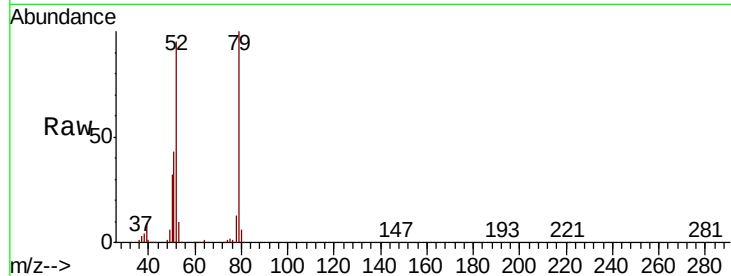
Tot Ion: 79 Resp: 588229

Ion Ratio Lower Upper

79 100

52 95.4 80.2 120.2

51 43.4 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 33.499 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

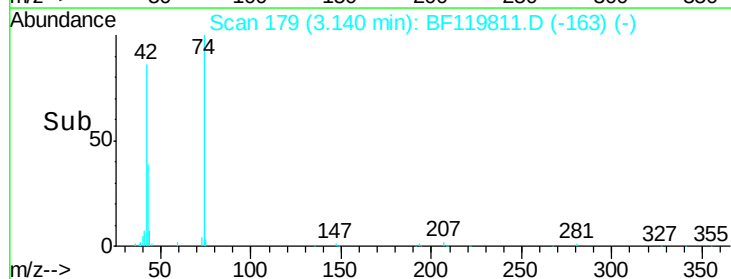
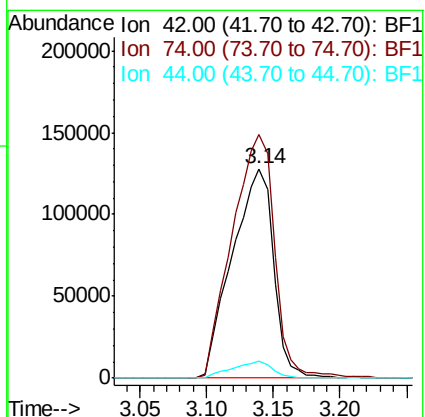
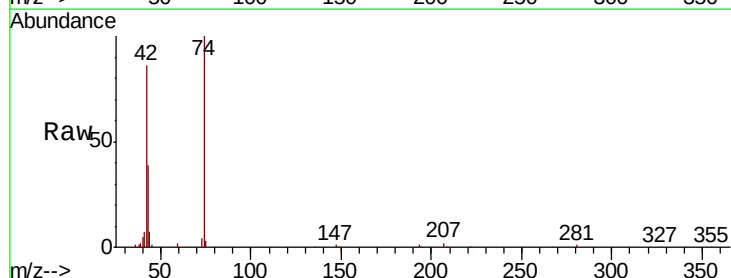
Tgt Ion: 42 Resp: 275241

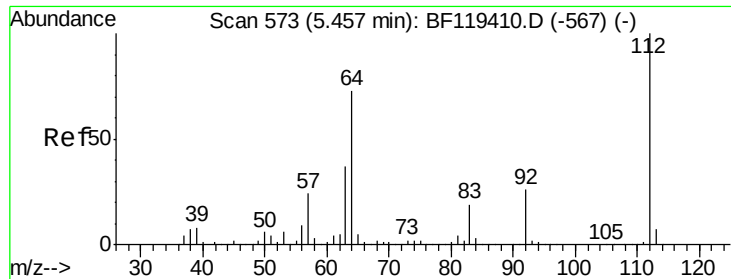
Ion Ratio Lower Upper

42 100

74 116.3 91.5 137.3

44 8.3 6.2 9.4





#5

2-Fluorophenol

Concen: 78.304 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

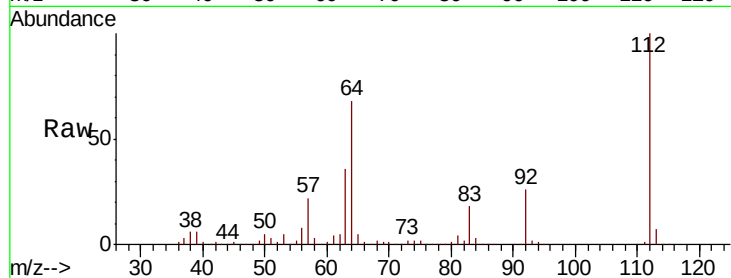
Tot Ion:112 Resp: 969632

Ion Ratio Lower Upper

112 100

64 68.1 56.7 85.1

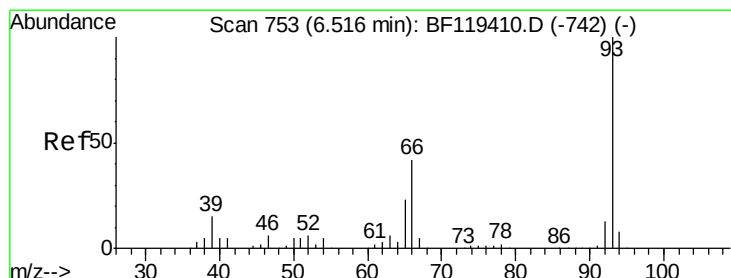
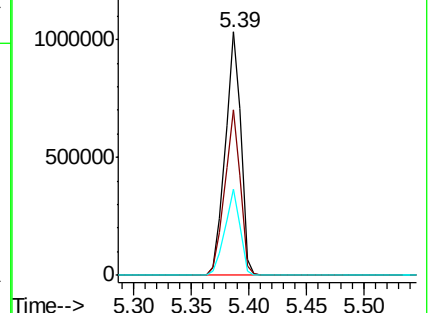
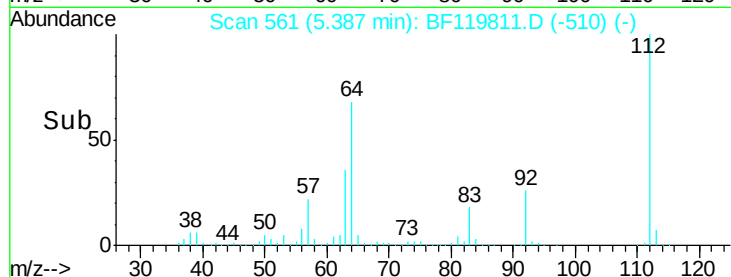
63 35.5 29.5 44.3



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: 36.912 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

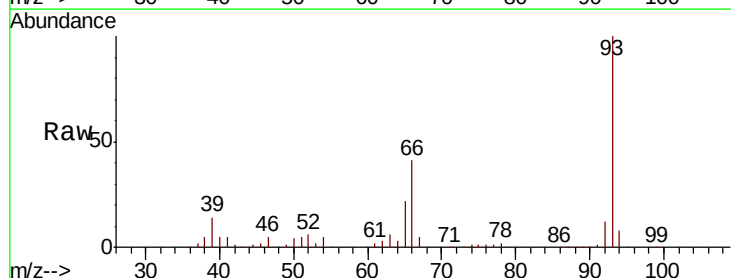
Tgt Ion: 93 Resp: 805853

Ion Ratio Lower Upper

93 100

66 41.4 34.9 52.3

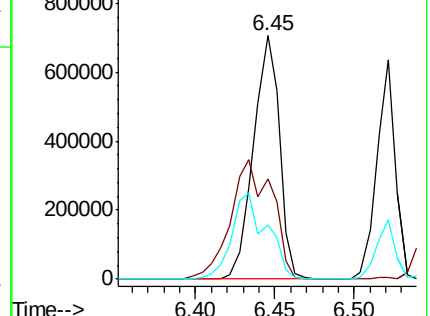
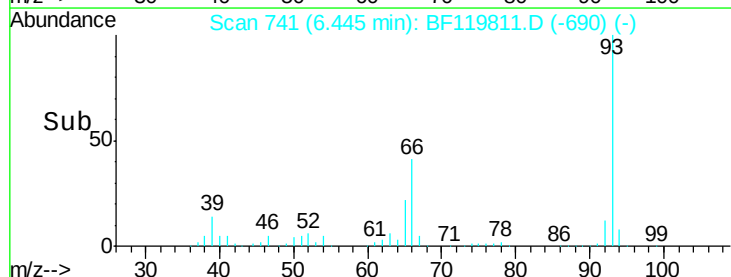
65 22.2 18.6 27.8

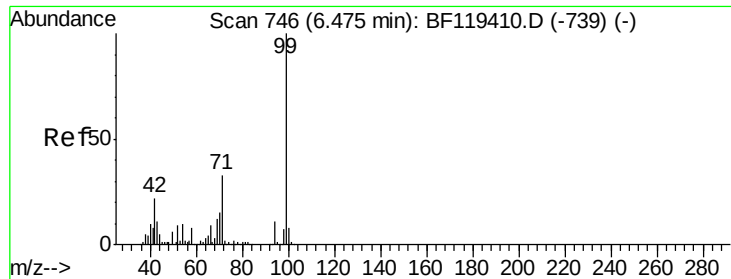


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.448 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

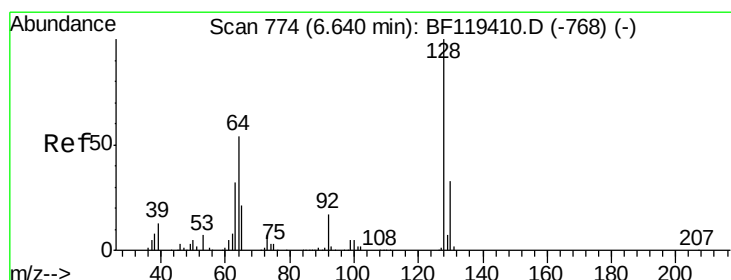
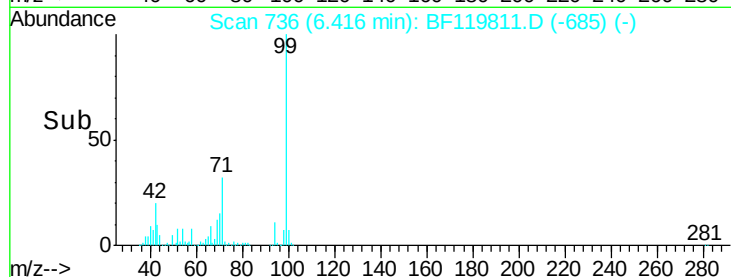
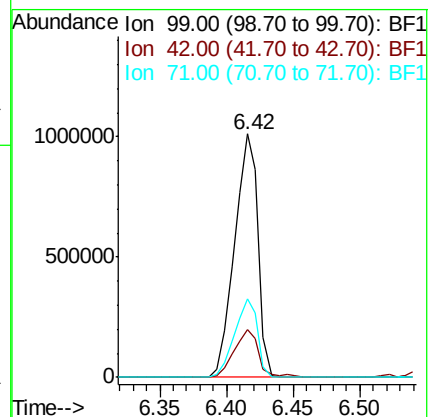
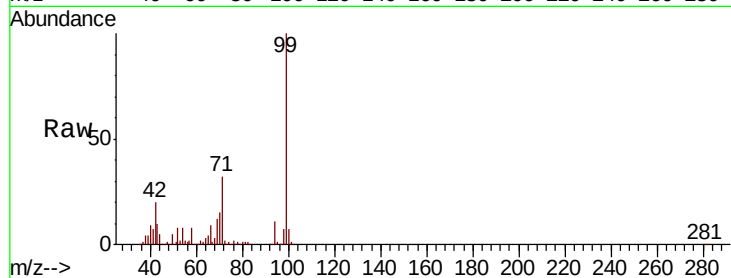
Tot Ion: 99 Resp: 1240926

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

71 32.3 26.4 39.6



#8

2-Chlorophenol

Concen: 40.333 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

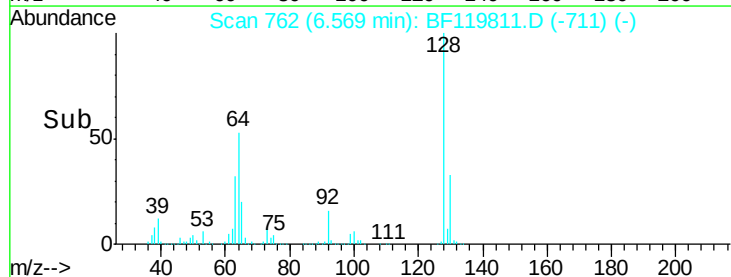
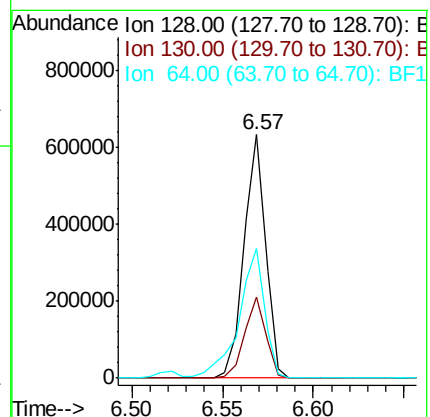
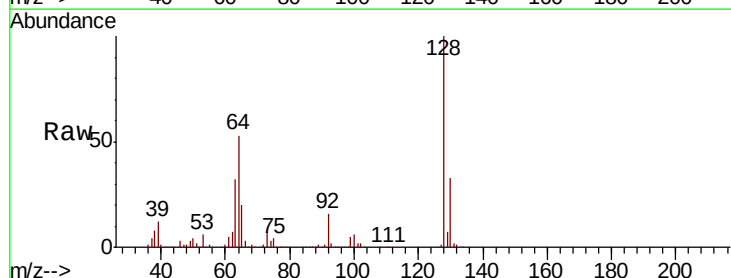
Tgt Ion: 128 Resp: 524560

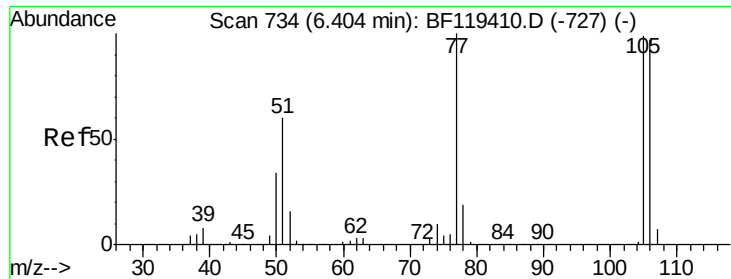
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 53.5 35.3 75.3

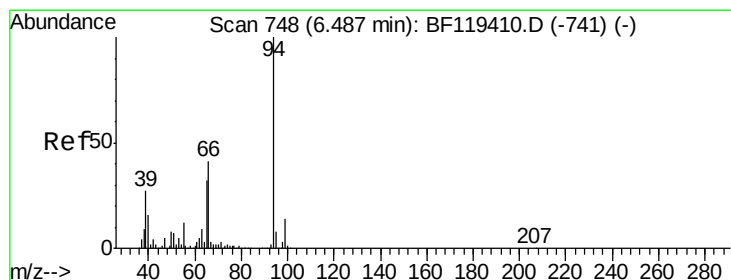
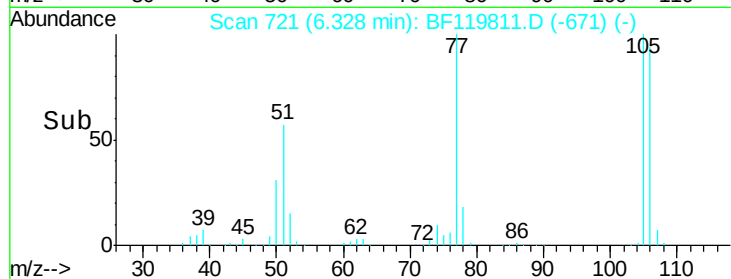
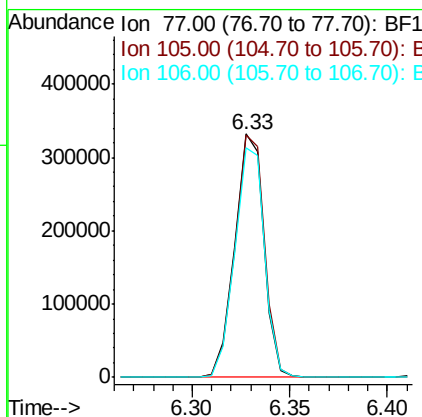
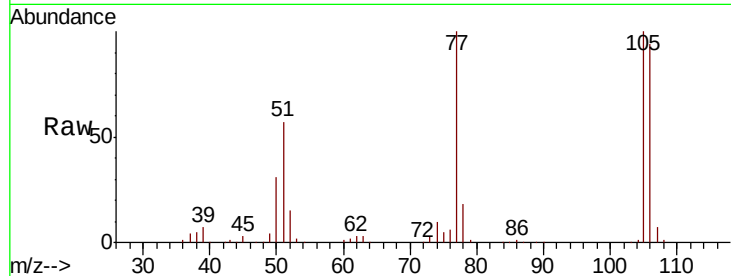




#9
Benzaldehyde
Concen: 34.184 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

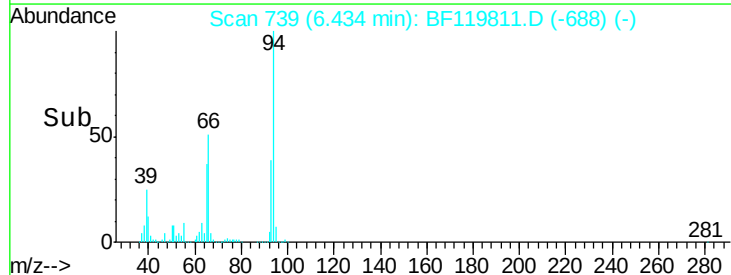
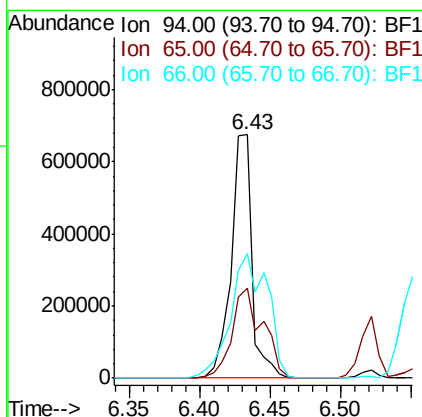
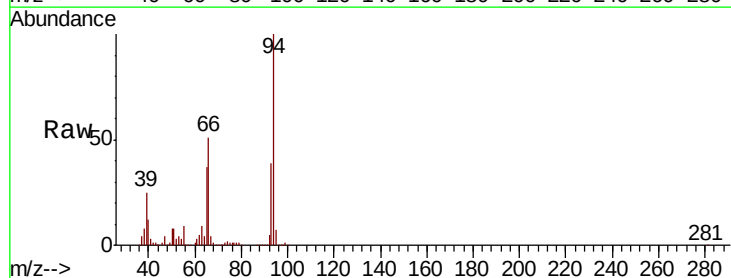
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

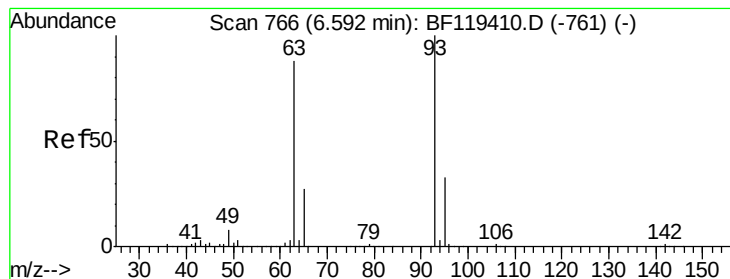
Tot Ion: 77 Resp: 343030
Ion Ratio Lower Upper
77 100
105 99.5 80.9 120.9
106 94.5 77.9 117.9



#10
Phenol
Concen: 41.145 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion: 94 Resp: 694467
Ion Ratio Lower Upper
94 100
65 36.9 13.2 53.2
66 51.3 22.3 62.3

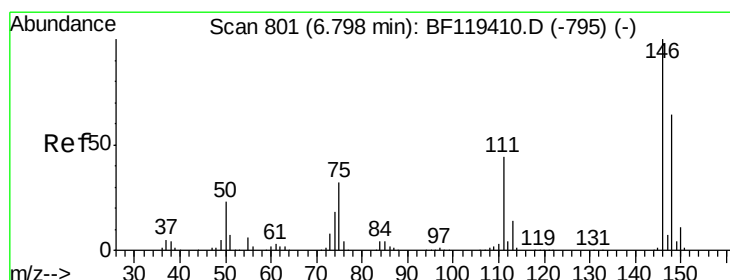
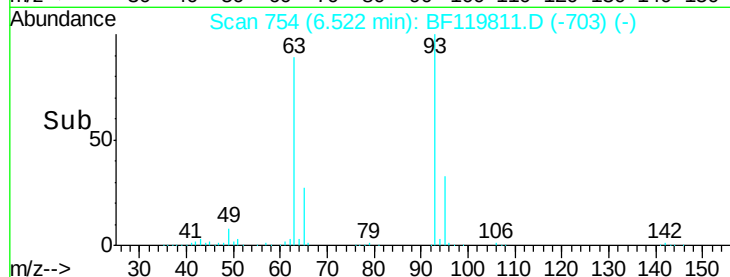
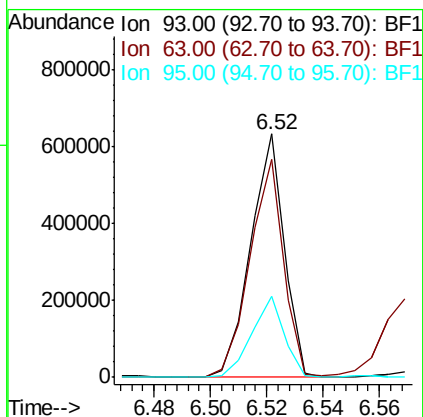
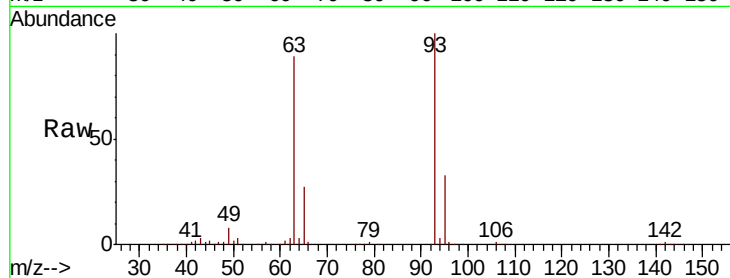




#11
 bis(2-Chloroethyl)ether
 Concen: 38.499 ng
 RT: 6.52 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

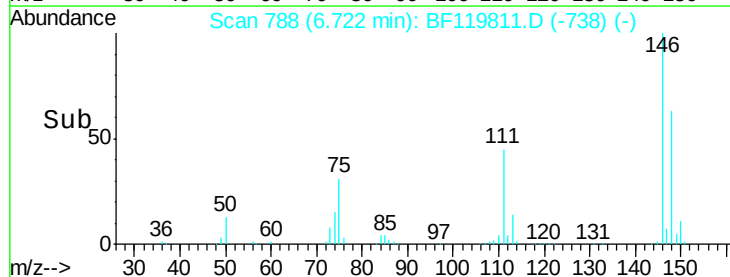
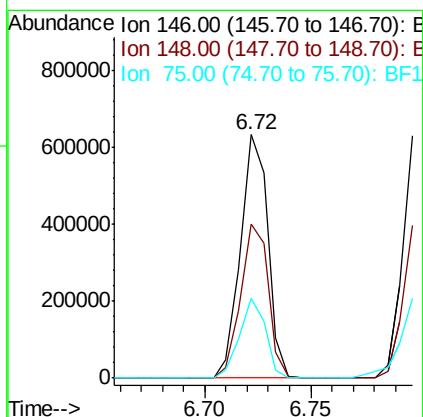
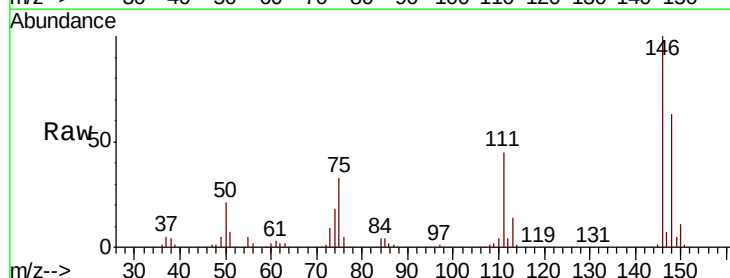
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

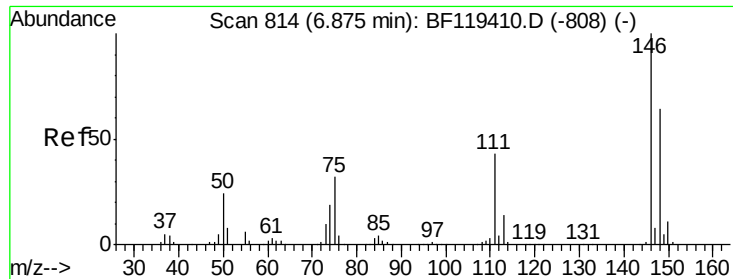
Tot Ion: 93 Resp: 519714
 Ion Ratio Lower Upper
 93 100
 63 89.4 70.2 110.2
 95 33.1 13.4 53.4



#12
 1,3-Dichlorobenzene
 Concen: 40.337 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion: 146 Resp: 567783
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.4
 75 32.5 23.0 34.4

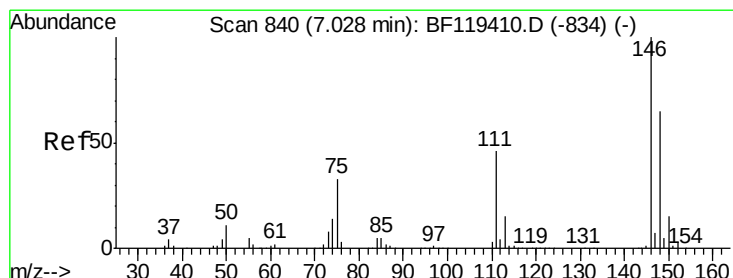
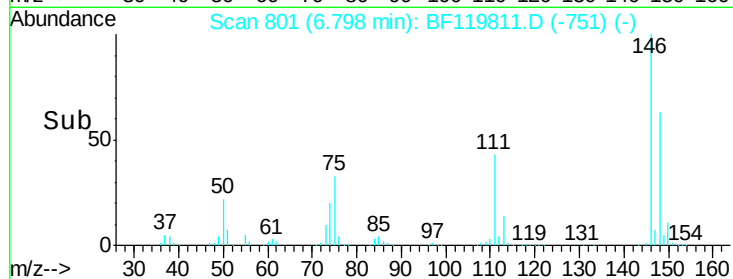
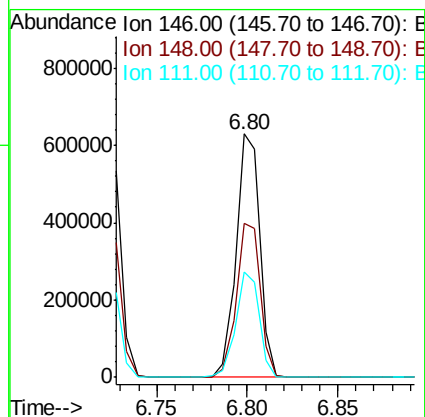
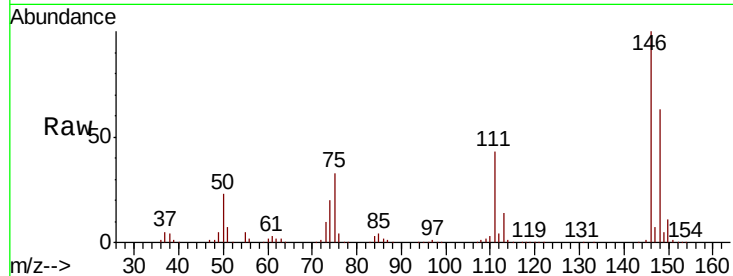




#13
 1,4-Dichlorobenzene
 Concen: 40.586 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

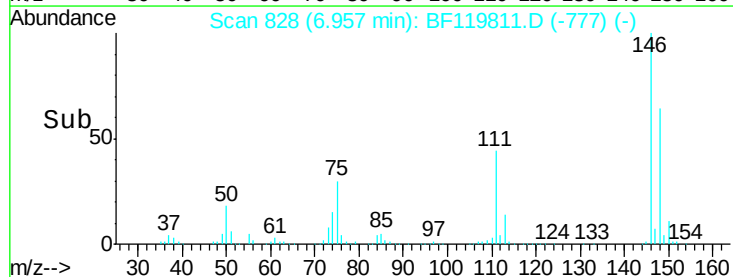
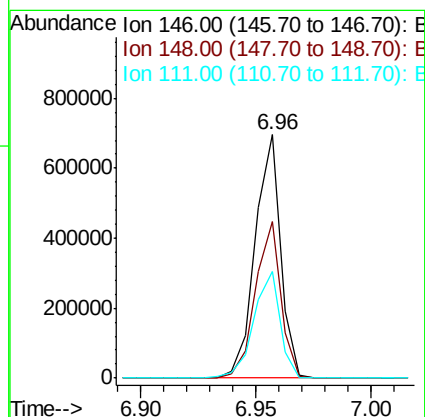
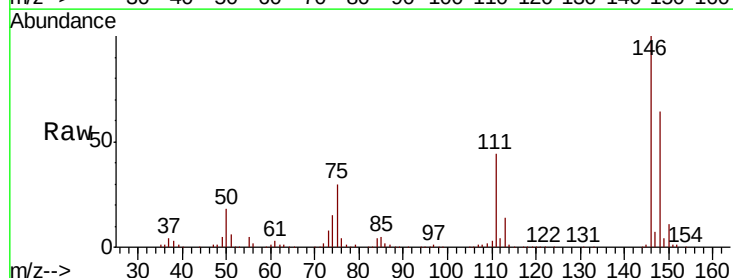
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

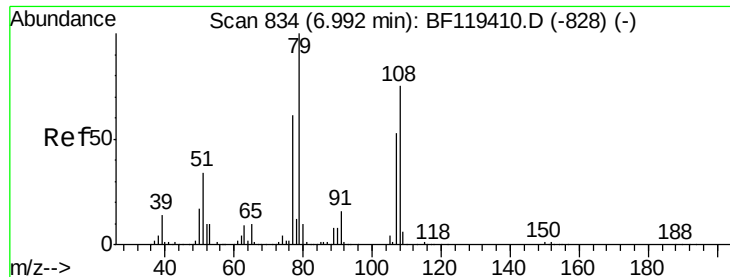
Tot Ion:146 Resp: 571429
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 43.2 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 40.909 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:146 Resp: 538368
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 43.7 36.1 54.1

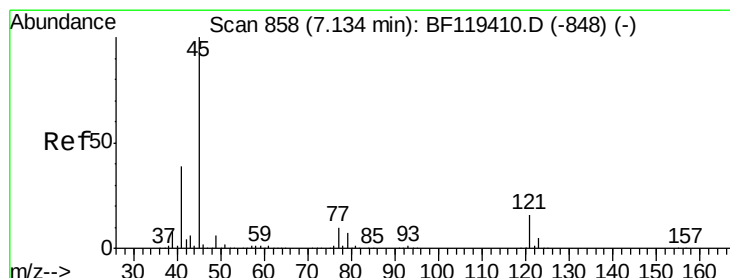
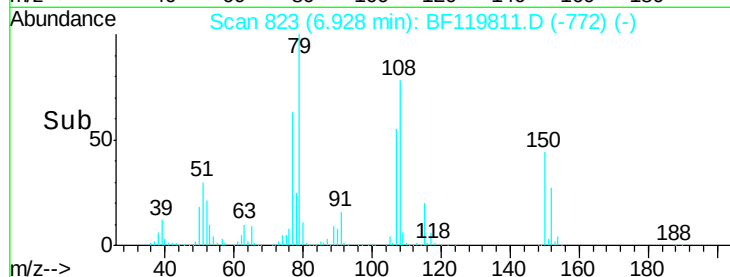
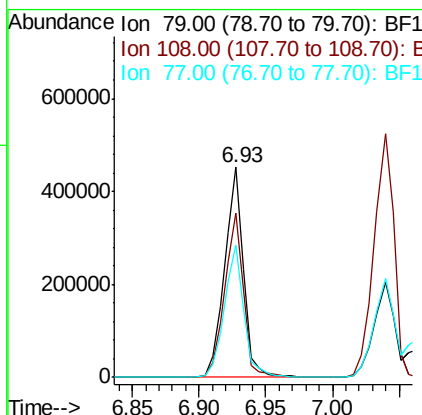
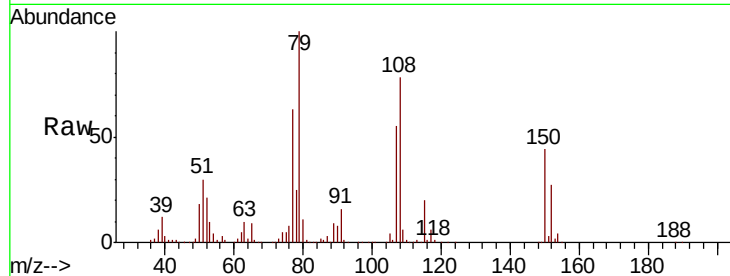




#15
Benzvl Alcohol
Concen: 38.088 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

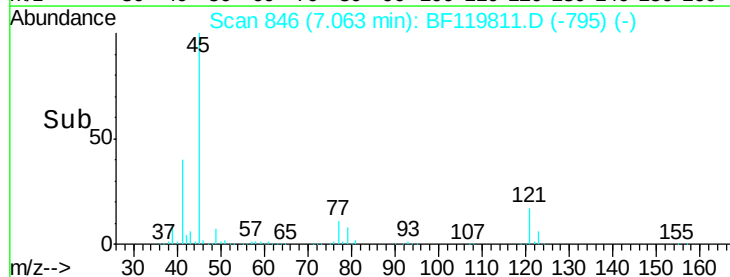
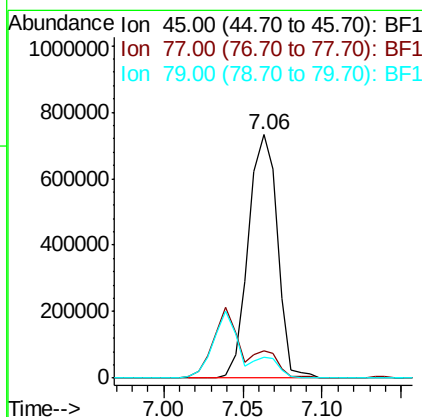
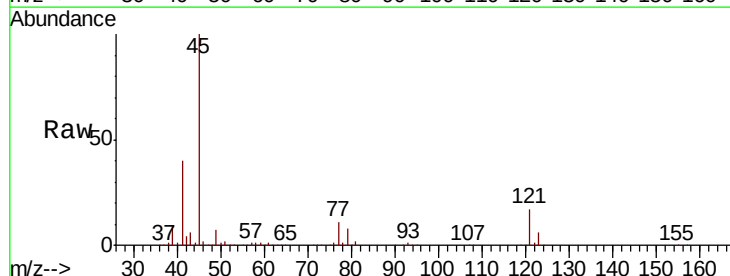
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

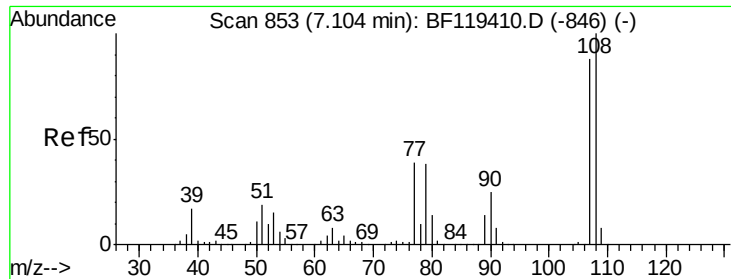
Tot Ion: 79 Resp: 453207
Ion Ratio Lower Upper
79 100
108 78.5 60.6 90.8
77 63.1 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.266 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion: 45 Resp: 933024
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.7
79 8.4 0.0 28.2

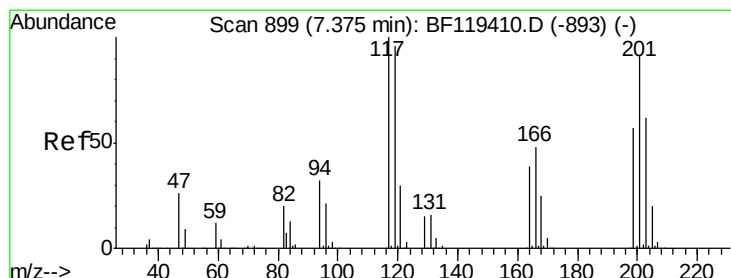
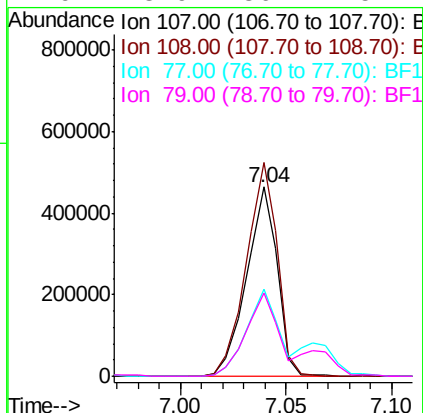
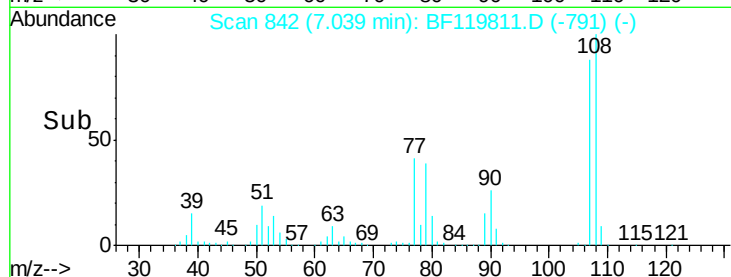
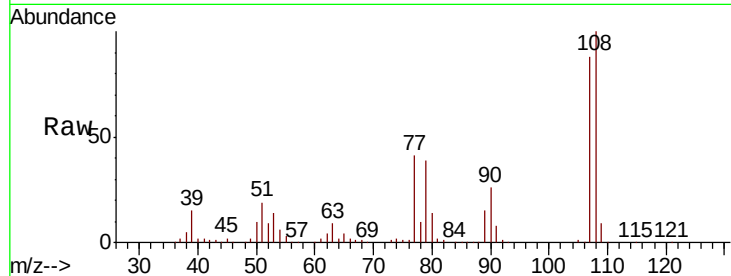




#17
2-Methylphenol
Concen: 39.165 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

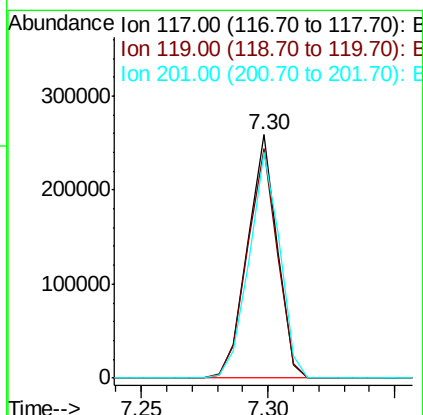
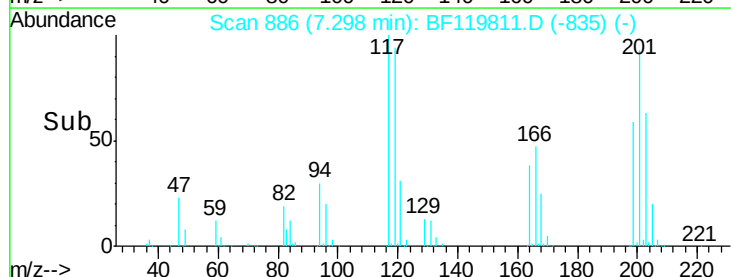
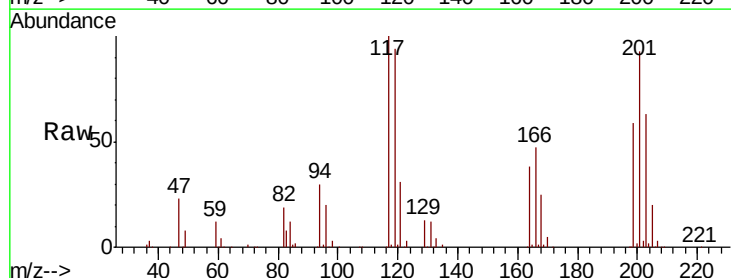
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

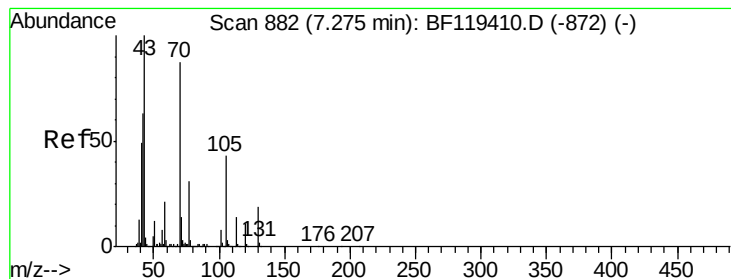
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	92.2	138.4
77	45.8	36.6	54.8
79	43.9	36.2	54.4



#18
Hexachloroethane
Concen: 40.828 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.1	114.1
201	92.7	73.0	109.6





#19

n-Nitroso-di-n-propylamine

Concen: 37.554 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 358062

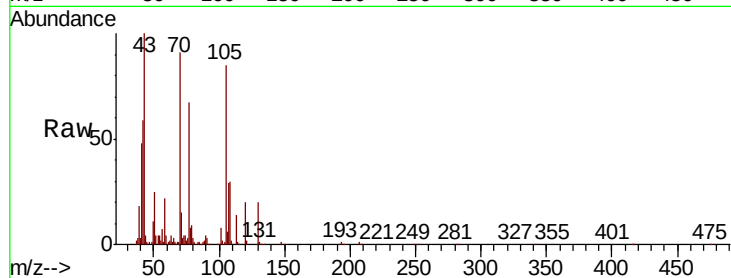
Ion Ratio Lower Upper

70 100

42 65.2 54.5 81.7

101 9.3 7.6 11.4

130 21.6 17.6 26.4

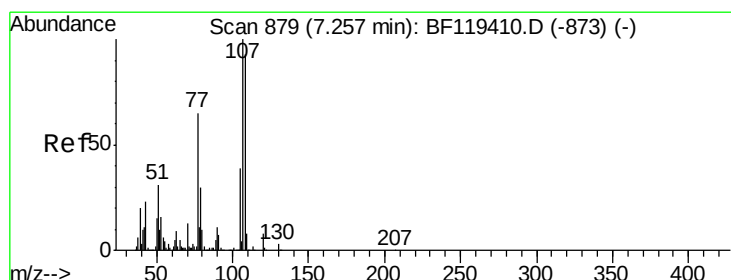
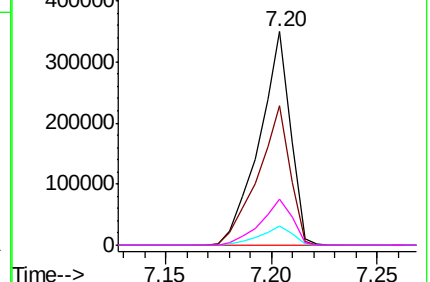
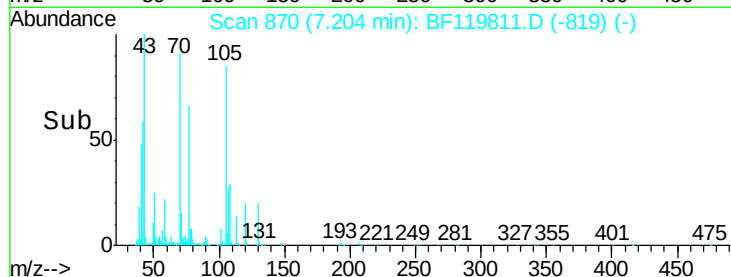


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 39.127 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Tgt Ion: 107 Resp: 571399

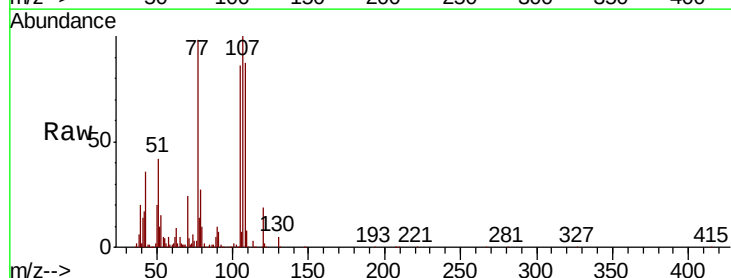
Ion Ratio Lower Upper

107 100

108 86.9 67.9 107.9

77 98.0 52.9 92.9#

79 27.0 7.7 47.7

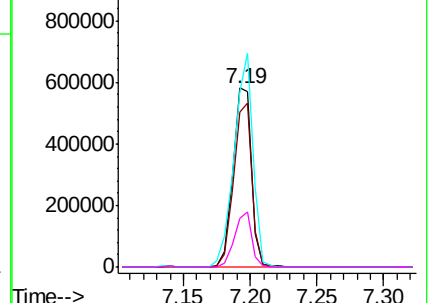
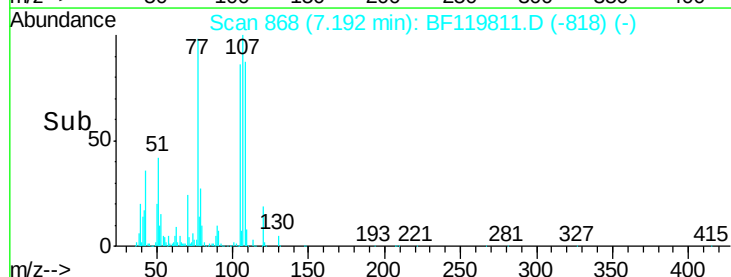


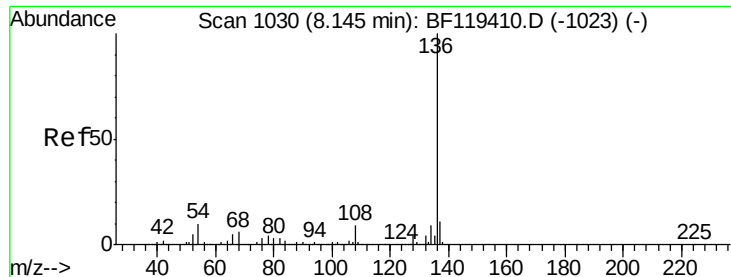
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

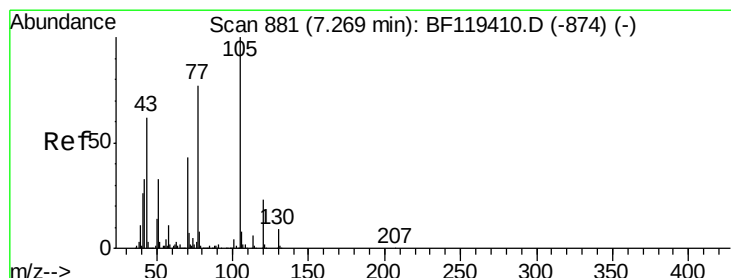
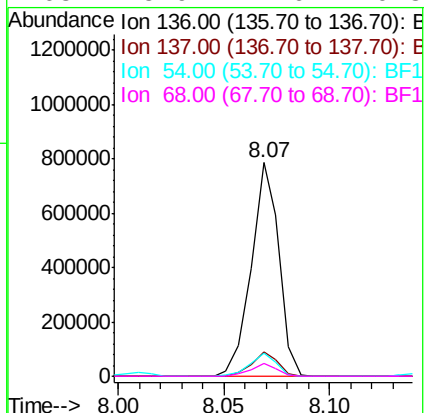
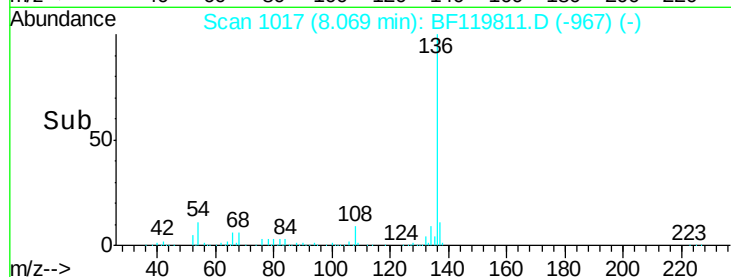
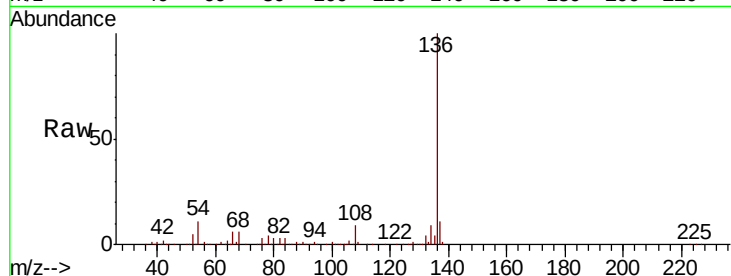




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

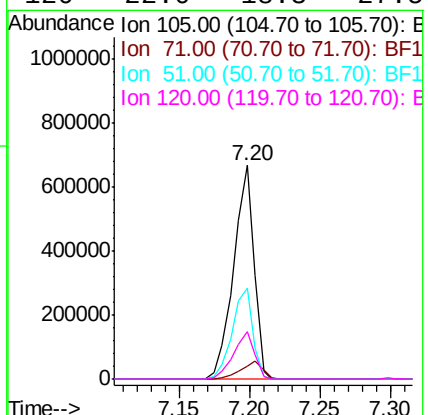
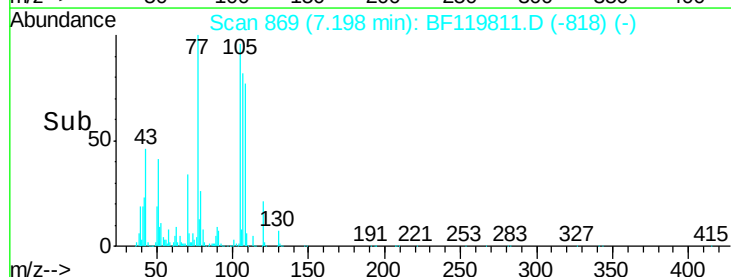
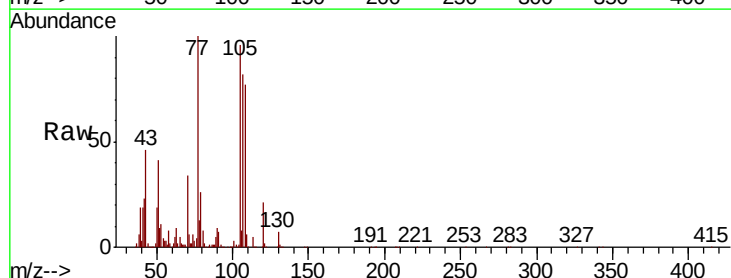
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

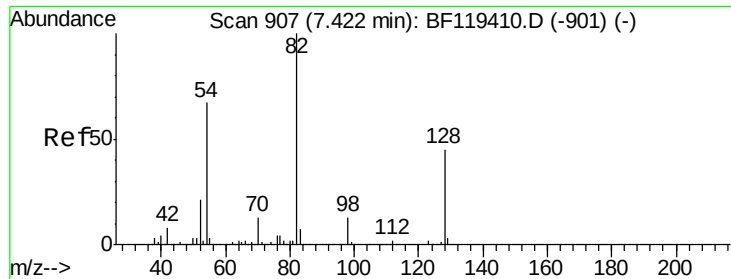
Tot Ion:136	Resp:	713965
Ion	Ratio	Lower Upper
136	100	
137	11.4	8.7 13.1
54	10.5	9.1 13.7
68	5.9	4.6 6.8



#22
Acetophenone
Concen: 39.413 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:105	Resp:	672390
Ion	Ratio	Lower Upper
105	100	
71	6.1	5.7 8.5
51	42.3	26.2 39.4#
120	22.0	18.3 27.5

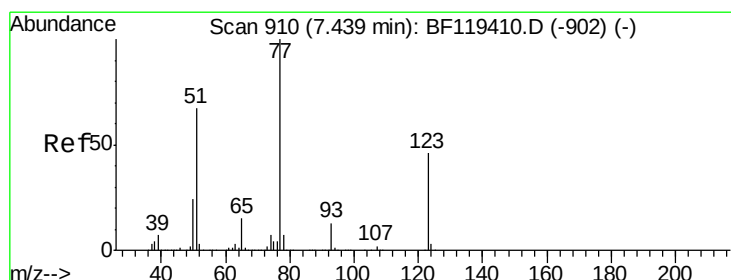
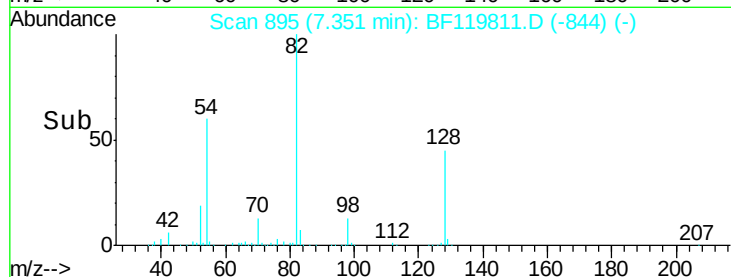
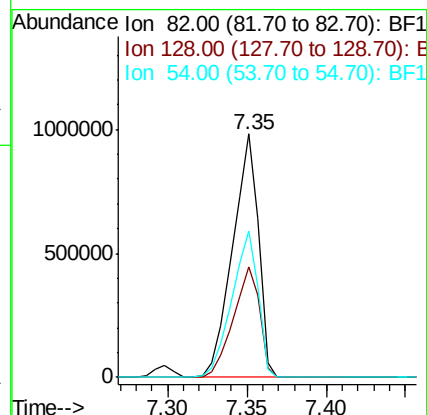
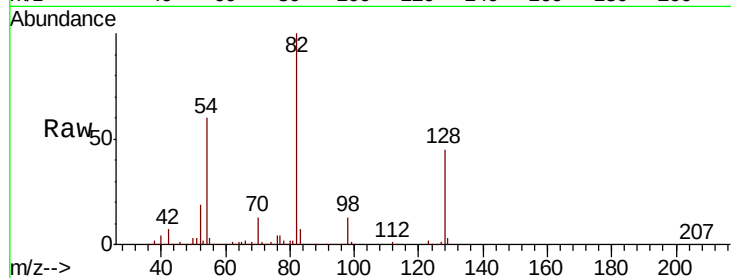




#23
 Nitrobenzene-d5
 Concen: 84.287 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

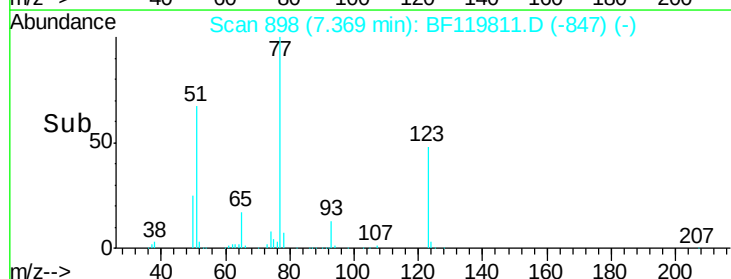
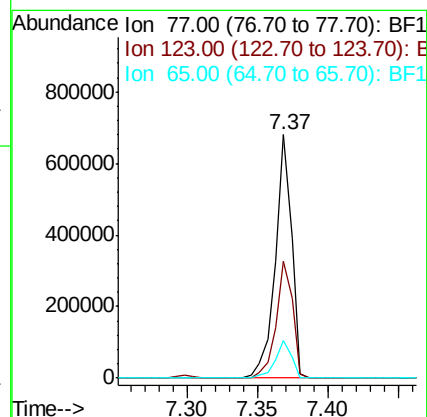
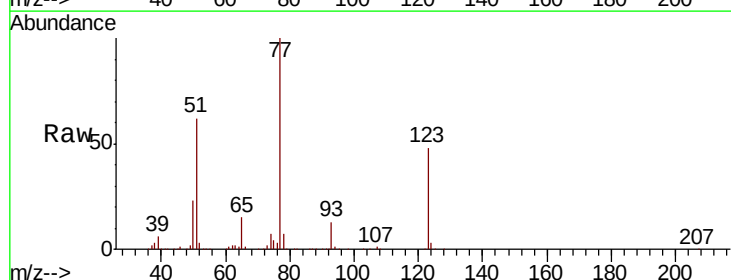
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

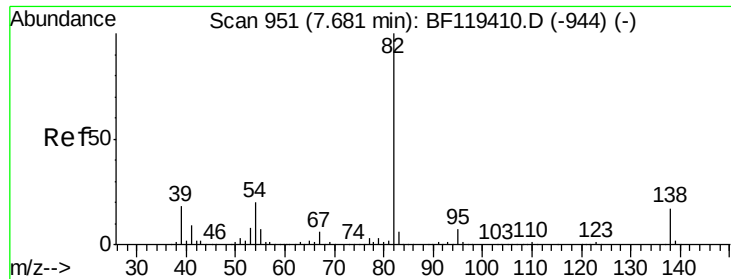
Tot Ion: 82 Resp: 1107274
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.3 54.5
 54 60.1 50.6 75.8



#24
 Nitrobenzene
 Concen: 39.675 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion: 77 Resp: 557008
 Ion Ratio Lower Upper
 77 100
 123 48.0 38.0 57.0
 65 15.2 12.6 18.8

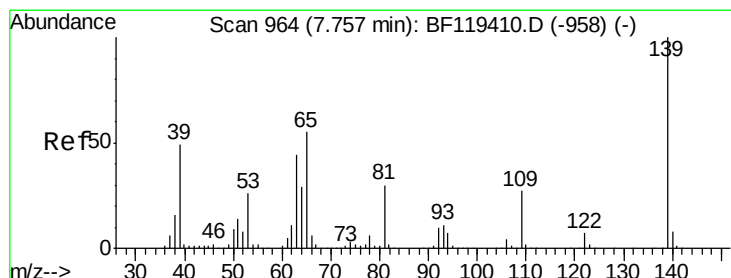
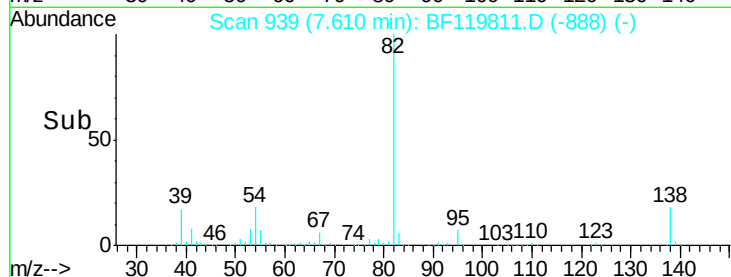
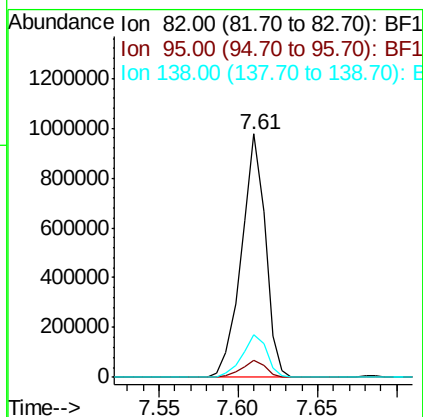
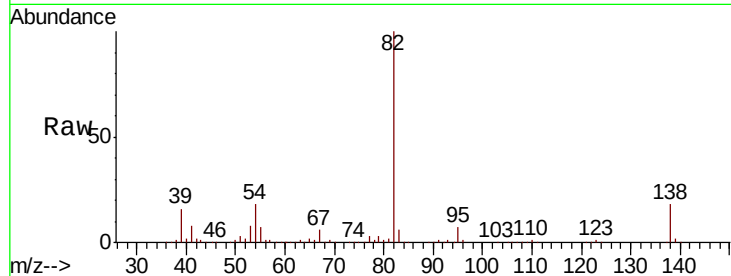




#25
Isophorone
Concen: 38.116 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

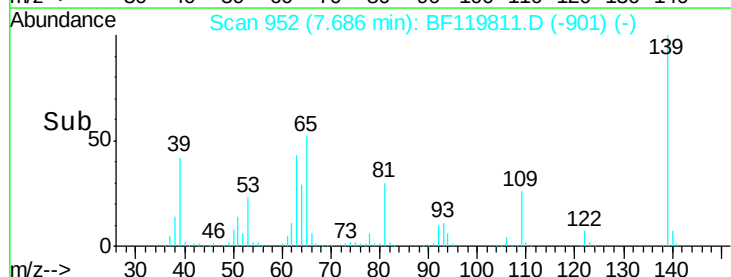
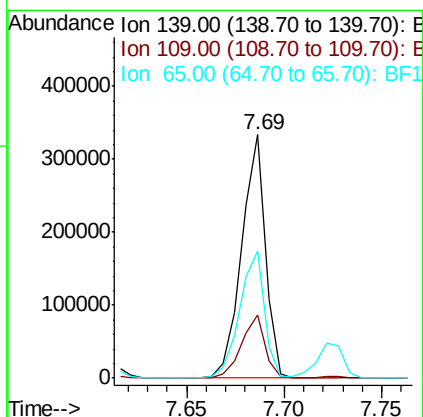
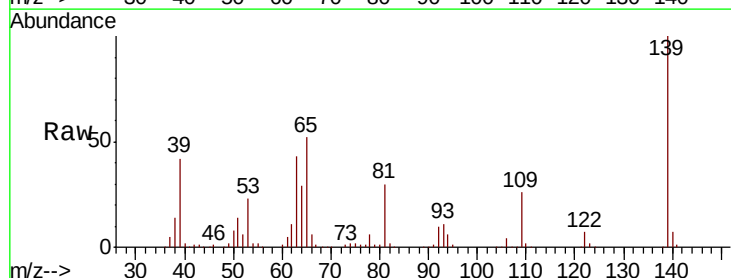
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

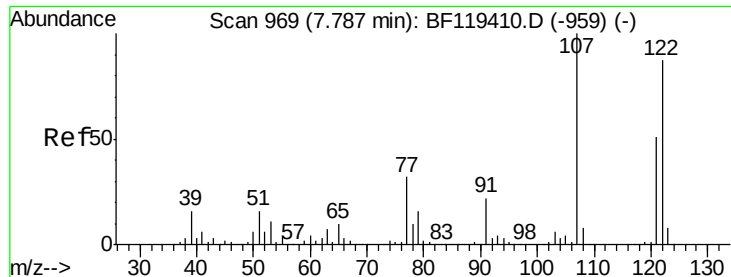
Tot Ion: 82 Resp: 1015740
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 17.7 14.6 21.8



#26
2-Nitrophenol
Concen: 51.011 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion: 139 Resp: 281977
Ion Ratio Lower Upper
139 100
109 26.0 22.1 33.1
65 52.4 49.2 73.8

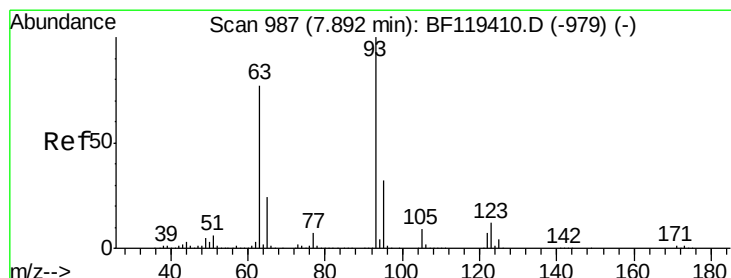
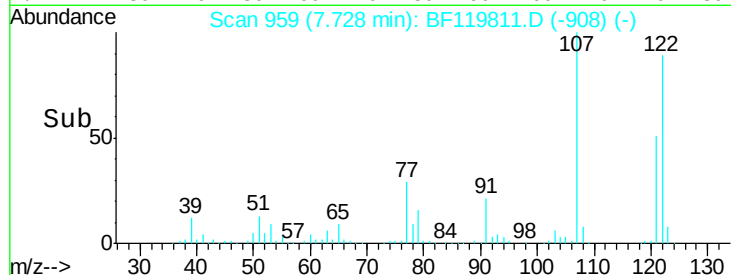
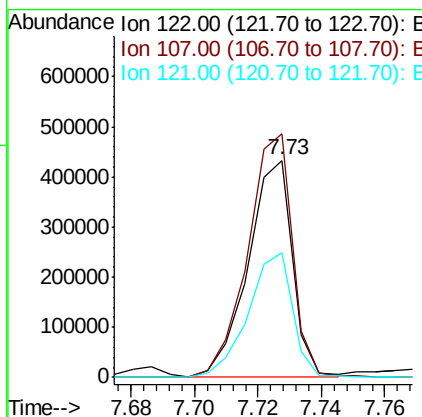
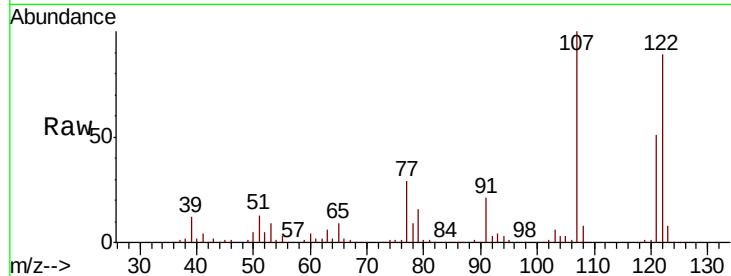




#27
 2,4-Dimethylphenol
 Concen: 36.826 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

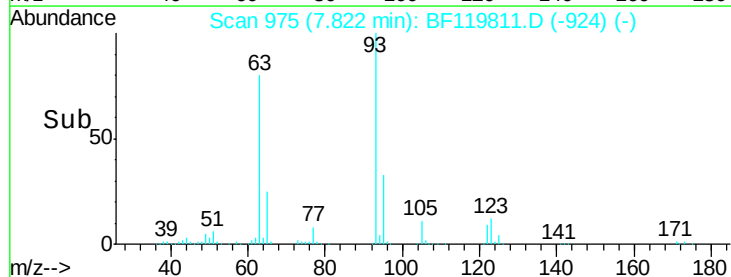
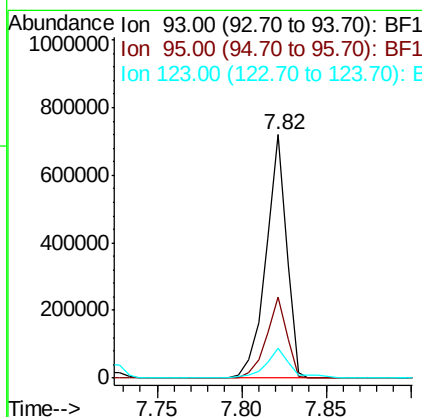
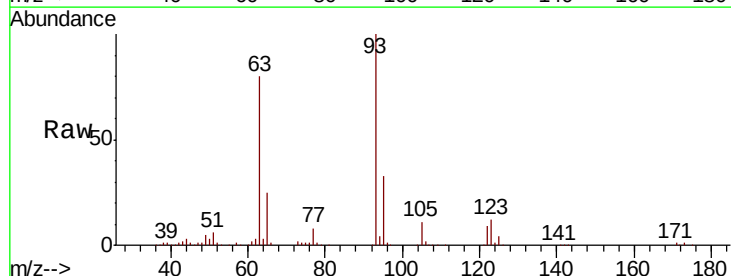
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

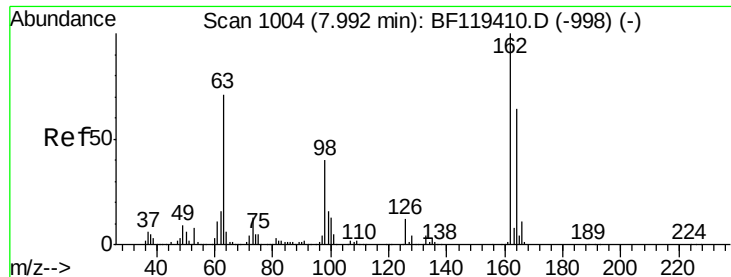
Tot Ion:122 Resp: 420926
 Ion Ratio Lower Upper
 122 100
 107 112.3 89.0 133.6
 121 57.5 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.395 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion: 93 Resp: 605030
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 12.1 9.7 14.5

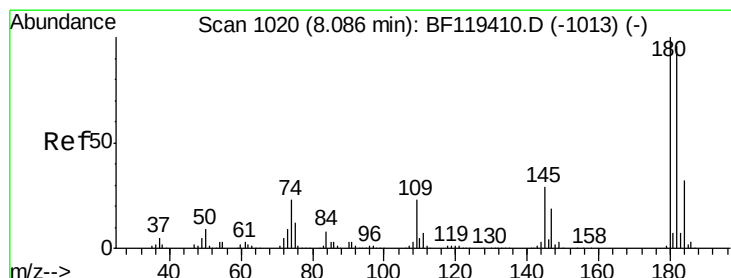
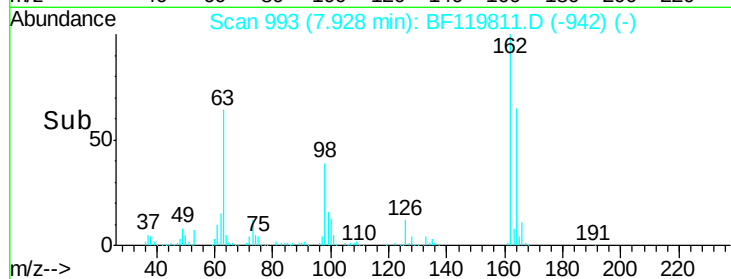
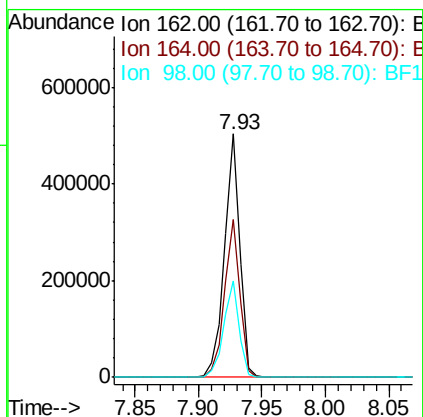
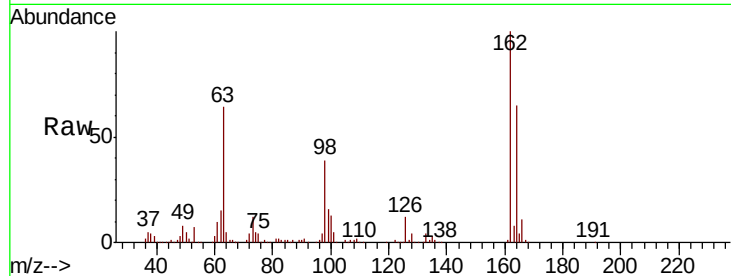




#29
2,4-Dichlorophenol
Concen: 40.638 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

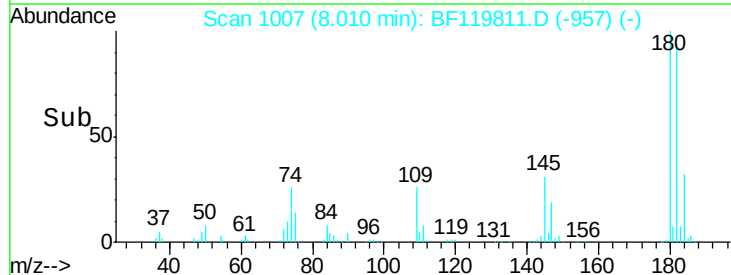
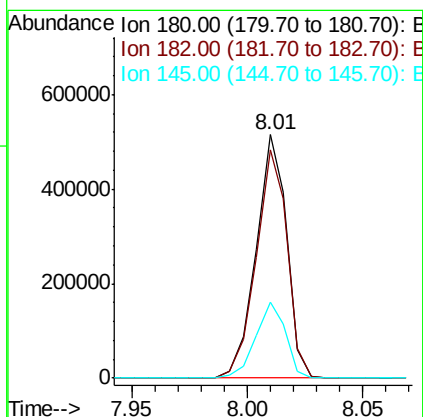
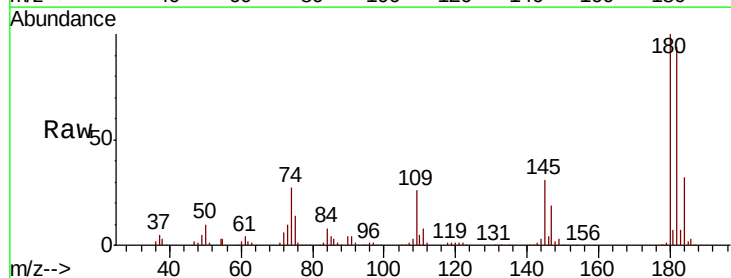
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

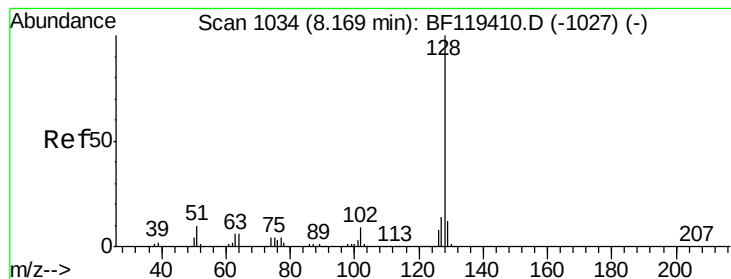
Tot Ion:162 Resp: 426794
Ion Ratio Lower Upper
162 100
164 64.8 44.7 84.7
98 39.4 20.7 60.7



#30
1,2,4-Trichlorobenzene
Concen: 40.964 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:180 Resp: 475783
Ion Ratio Lower Upper
180 100
182 93.5 74.7 112.1
145 31.3 24.5 36.7





#31

Naphthalene

Concen: 41.021 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

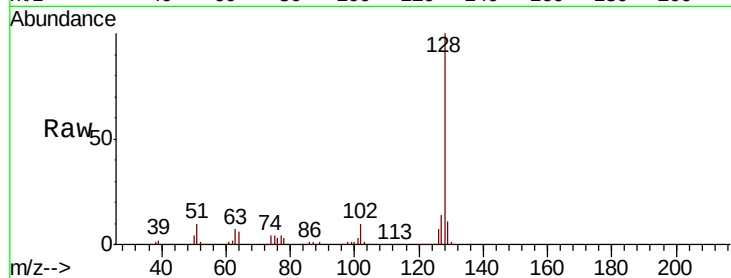
Tot Ion:128 Resp: 1507156

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

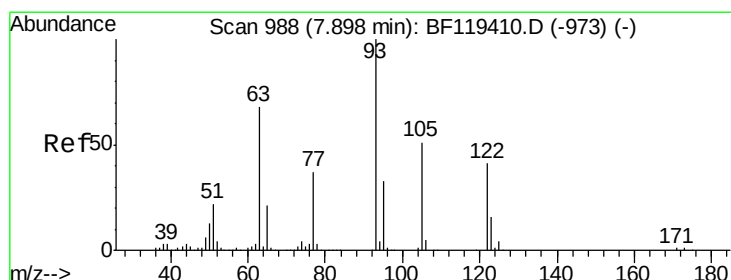
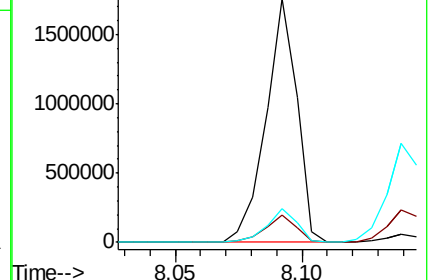
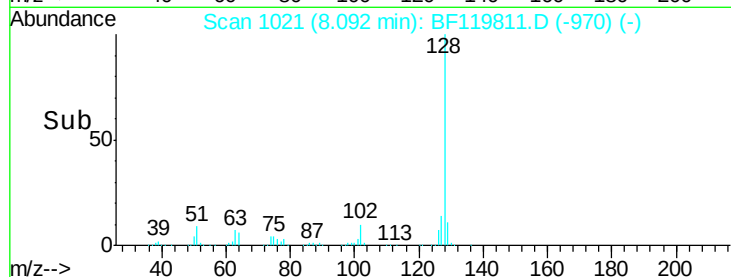
127 13.7 11.3 16.9



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: 38.044 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

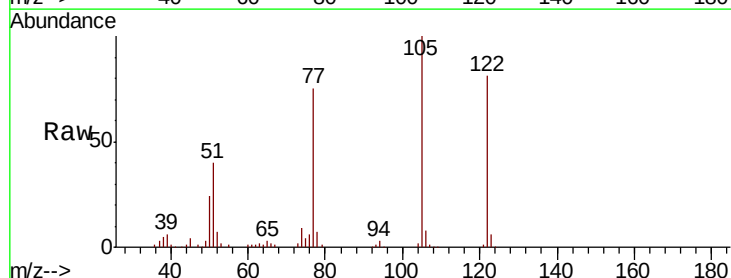
Tgt Ion:122 Resp: 279722

Ion Ratio Lower Upper

122 100

105 124.1 104.9 144.9

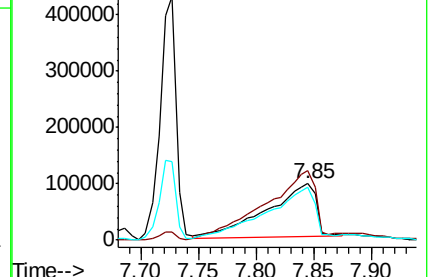
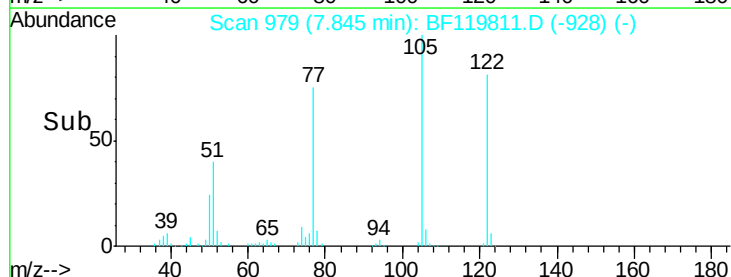
77 93.6 74.4 114.4

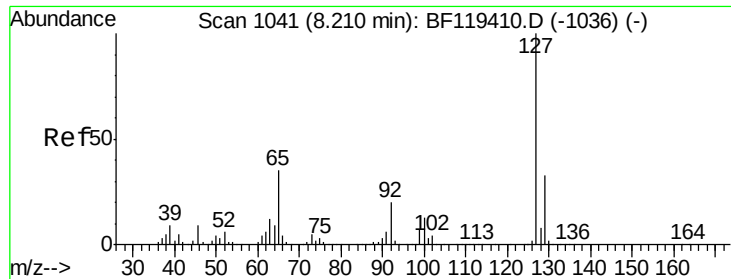


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

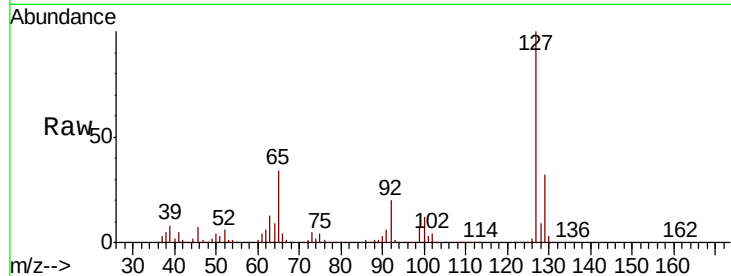




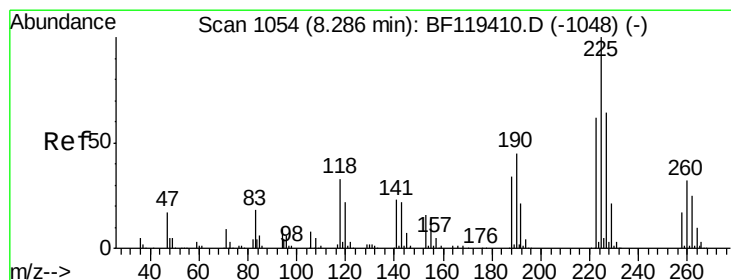
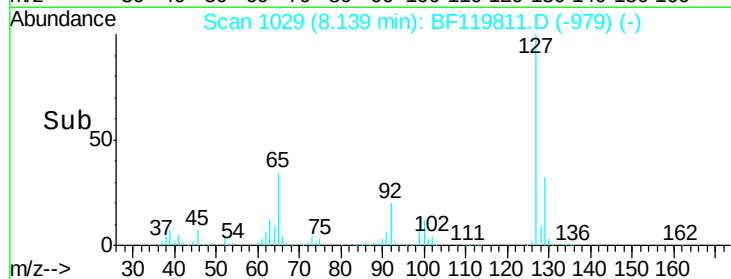
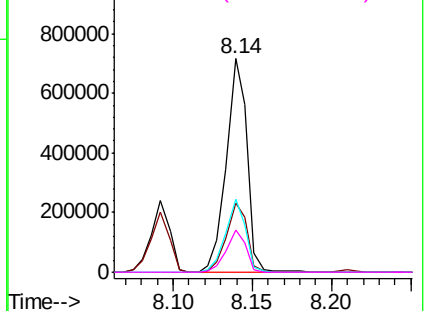
#33
4-Chloroaniline
Concen: 38.573 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	649404
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.2 39.4
65	34.2	27.4 41.0
92	19.6	15.3 22.9

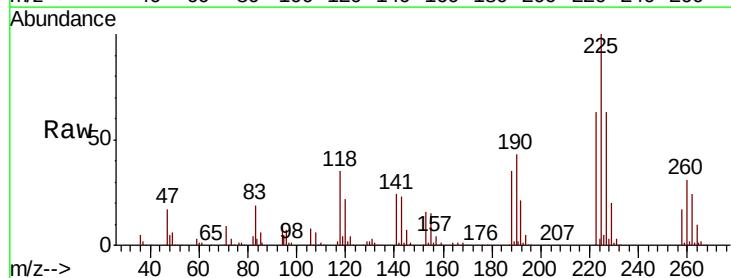


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

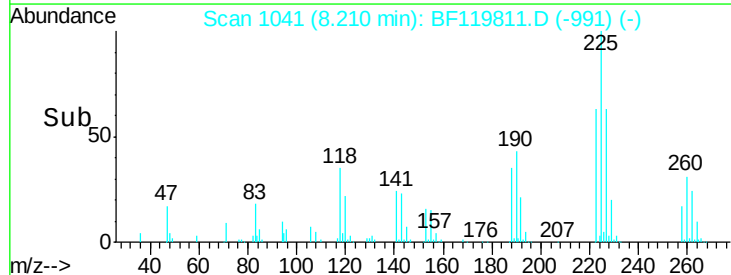
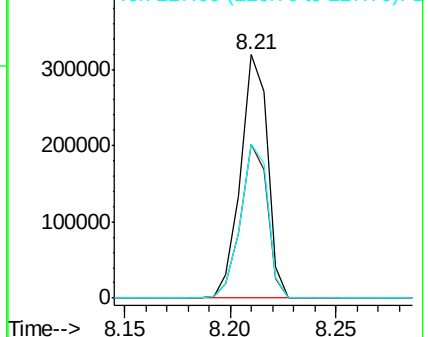


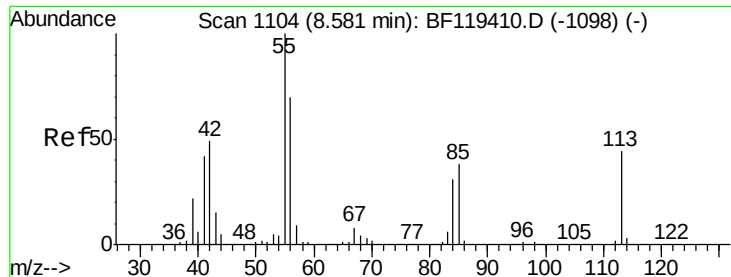
#34
Hexachlorobutadiene
Concen: 43.407 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:225	Resp:	282078
Ion Ratio	Lower	Upper
225	100	
223	63.2	51.0 76.6
227	63.4	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

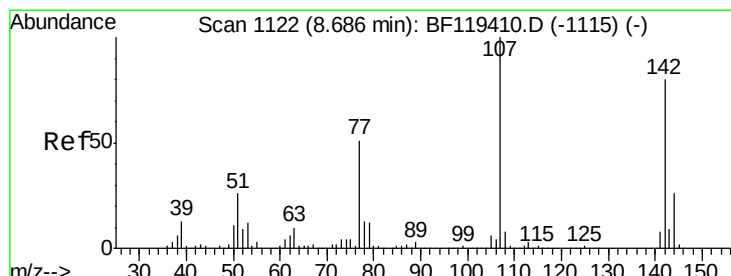
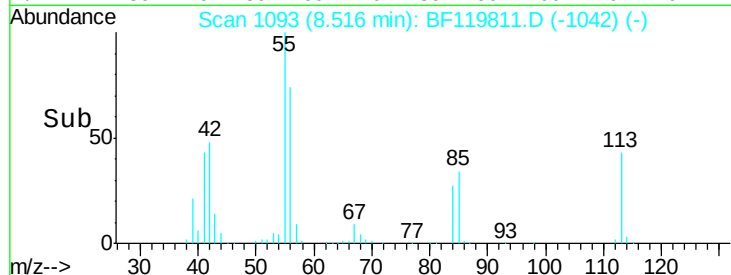
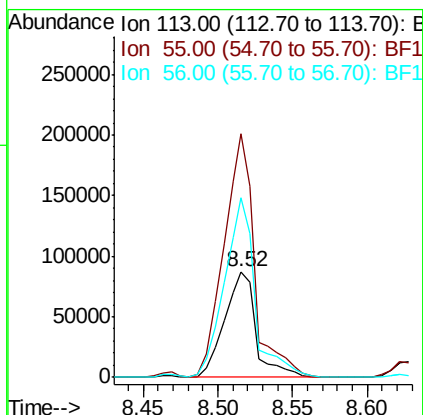
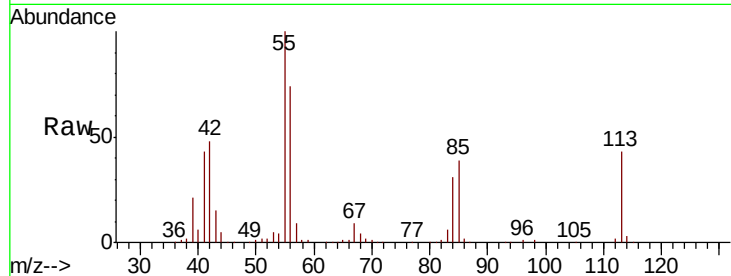




#35
Caprolactam
Concen: 37.577 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

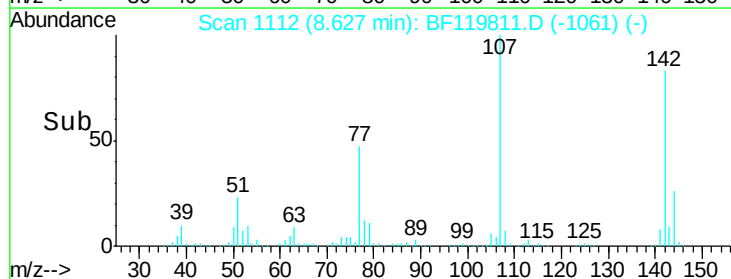
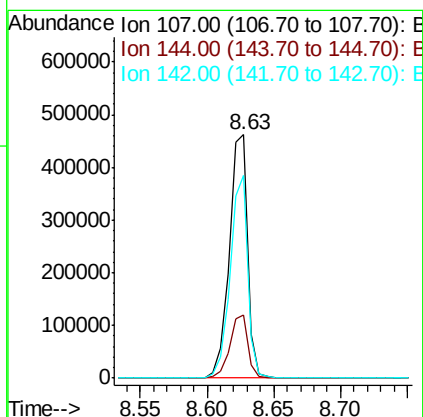
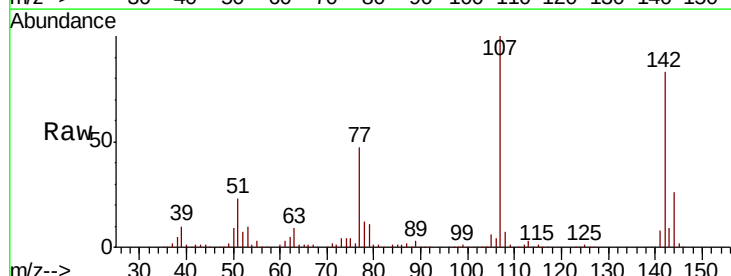
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

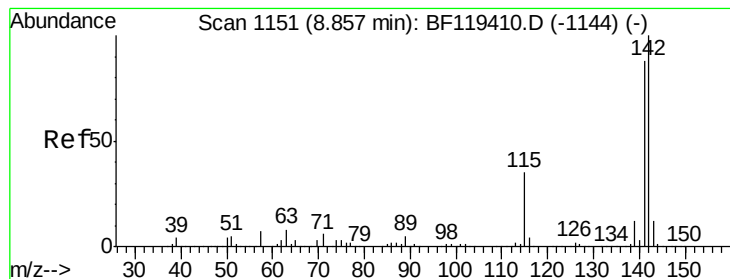
Tot Ion:113 Resp: 129158
Ion Ratio Lower Upper
113 100
55 231.1 218.4 258.4
56 170.7 148.9 188.9



#36
4-Chloro-3-methylphenol
Concen: 39.345 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:107 Resp: 451631
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.6
142 83.2 64.4 96.6





#37

2-Methylnaphthalene

Concen: 40.602 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

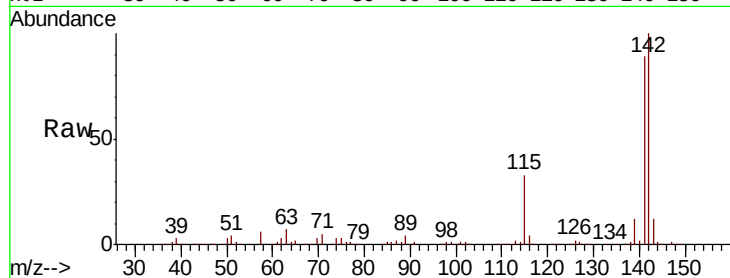
Tot Ion:142 Resp: 979048

Ion Ratio Lower Upper

142 100

141 88.5 71.7 107.5

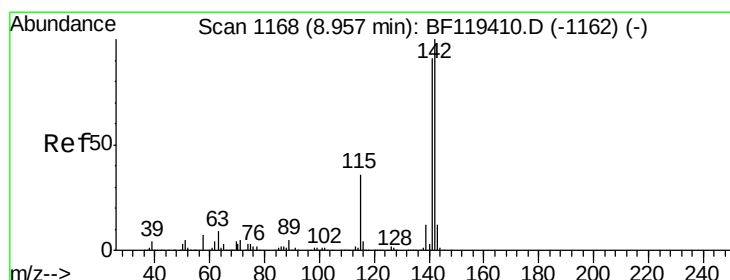
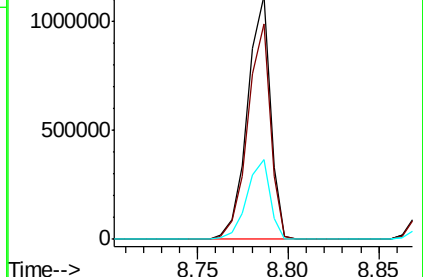
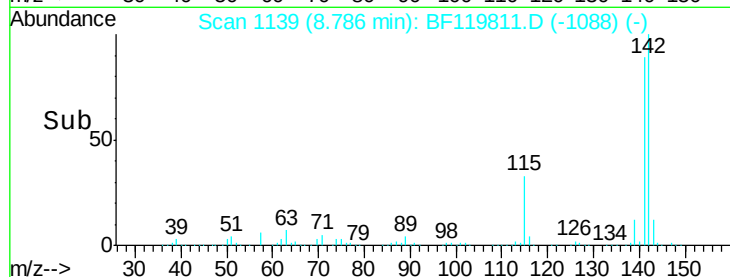
115 32.9 27.9 41.9



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: 40.217 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

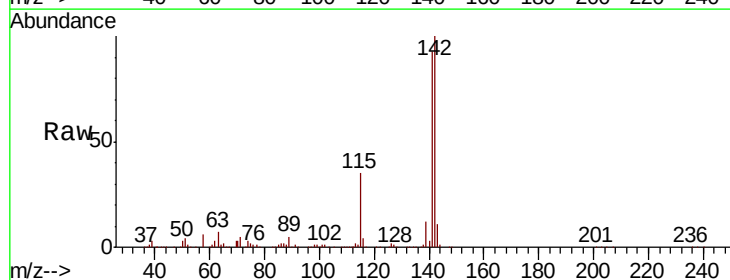
Tgt Ion:142 Resp: 917893

Ion Ratio Lower Upper

142 100

141 92.8 73.7 110.5

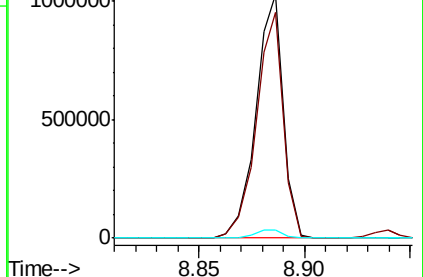
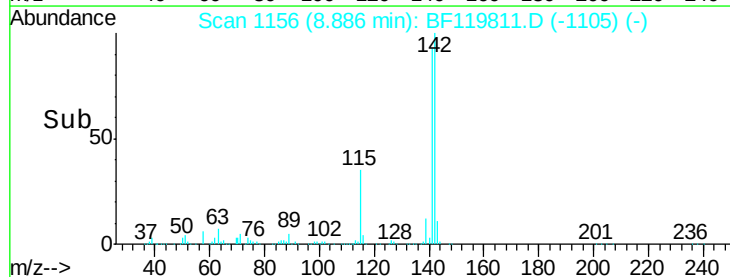
116 3.6 3.0 4.6

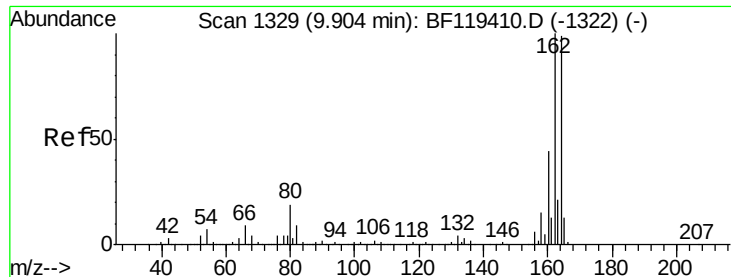


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

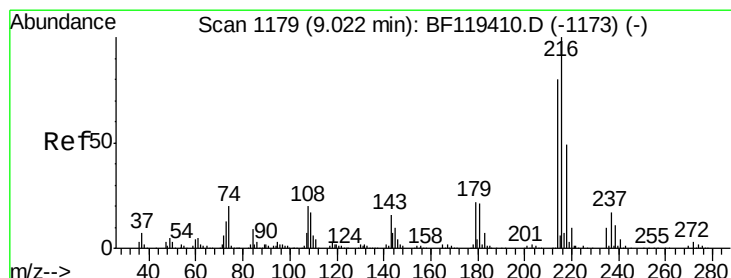
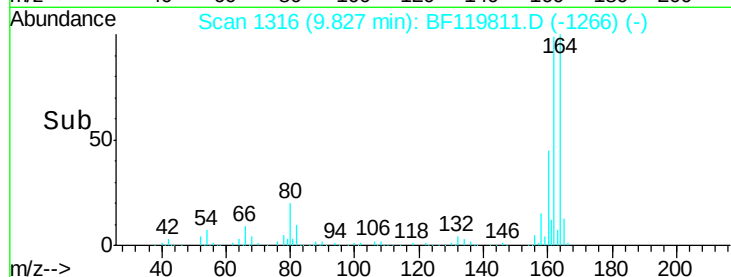
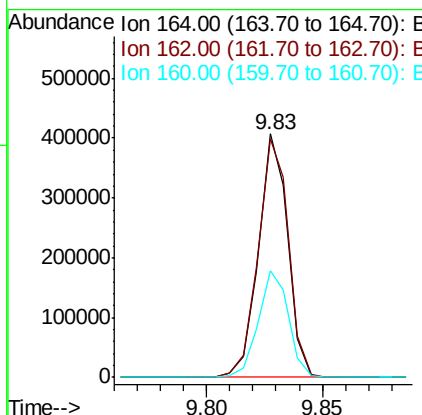
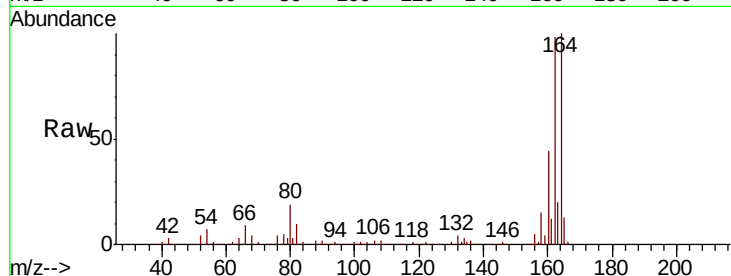




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

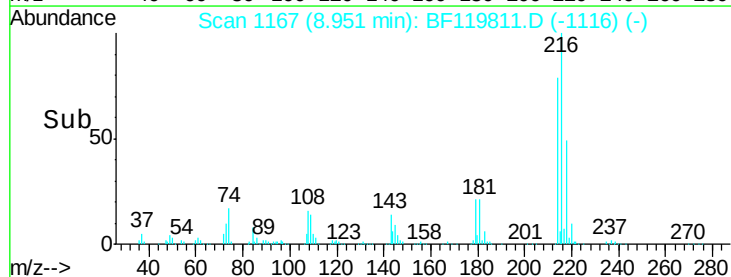
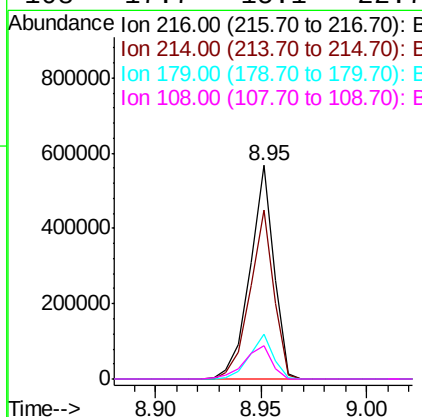
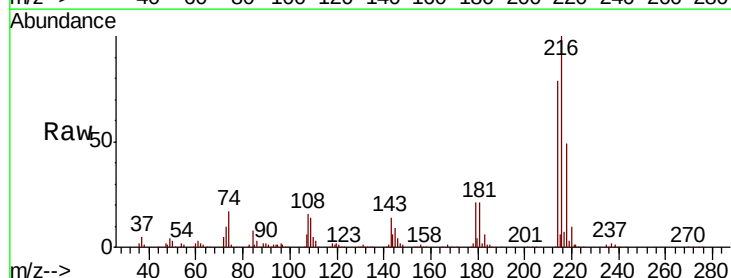
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

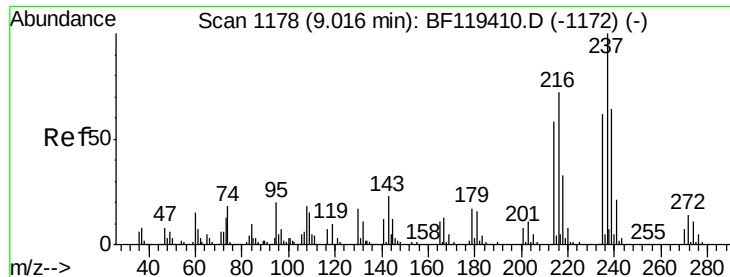
Tot Ion:164 Resp: 358979
Ion Ratio Lower Upper
164 100
162 97.8 80.6 121.0
160 44.0 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.646 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:216 Resp: 448724
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 20.8 17.1 25.7
108 17.7 15.1 22.7

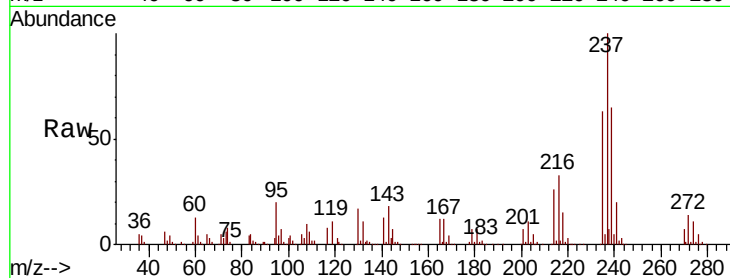




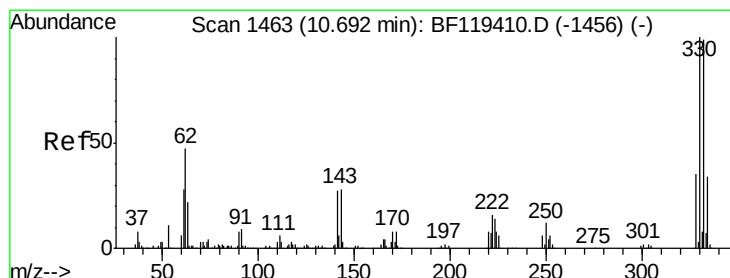
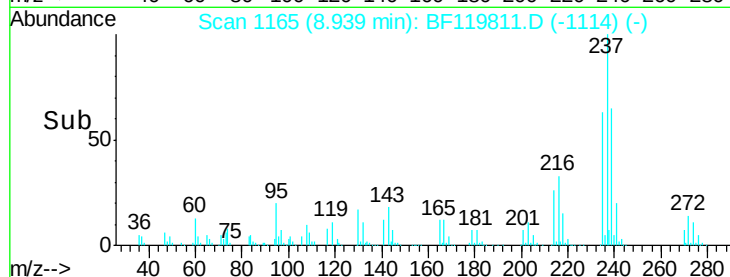
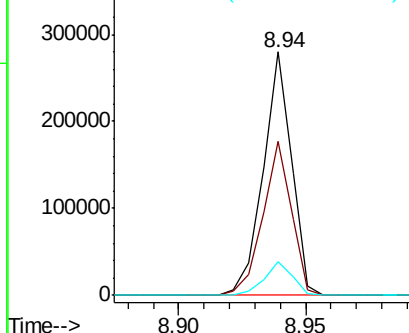
#41
Hexachlorocyclopentadiene
Concen: 36.698 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.2	83.2
272	14.1	0.0	34.1

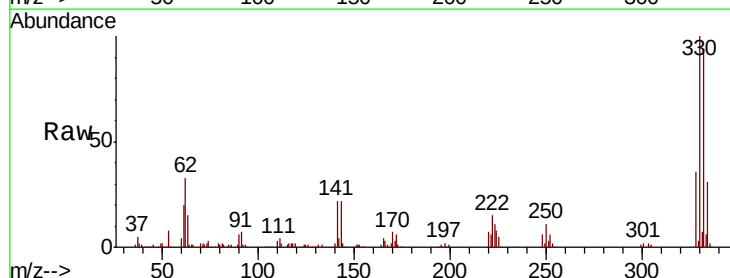


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

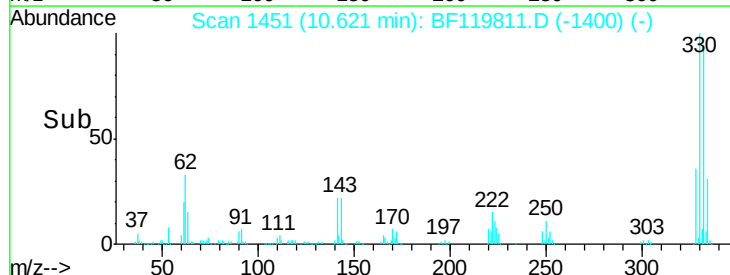
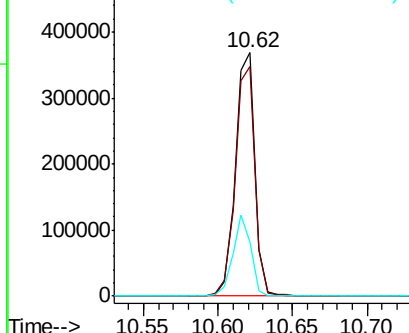


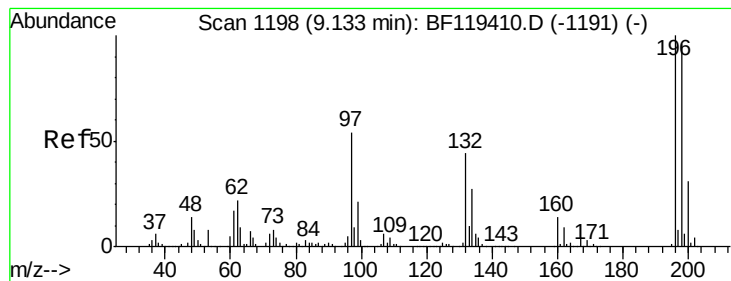
#42
2,4,6-Tribromophenol
Concen: 91.214 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	31.2	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: 41.518 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

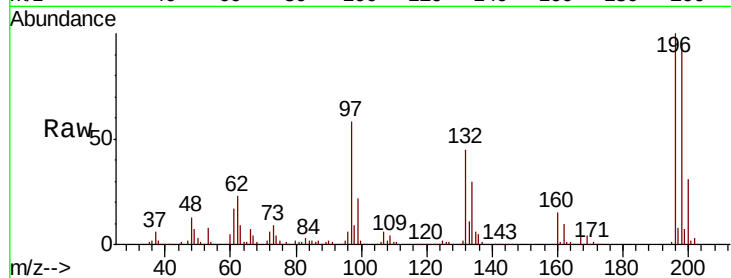
Tot Ion:196 Resp: 312624

Ion Ratio Lower Upper

196 100

198 96.4 76.6 115.0

200 30.8 24.6 36.8

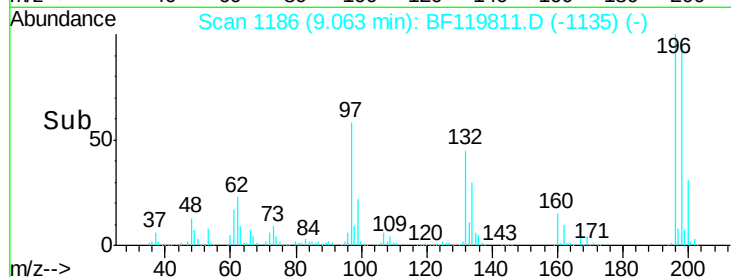


Abundance Ion 196.00 (195.70 to 196.70): E

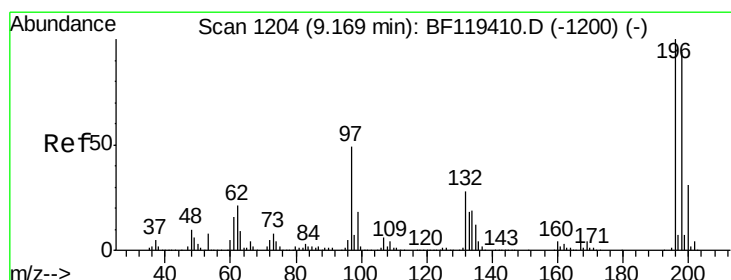
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

Time-->



Time-->



#44

2,4,5-Trichlorophenol

Concen: 41.686 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Tgt Ion:196 Resp: 351628

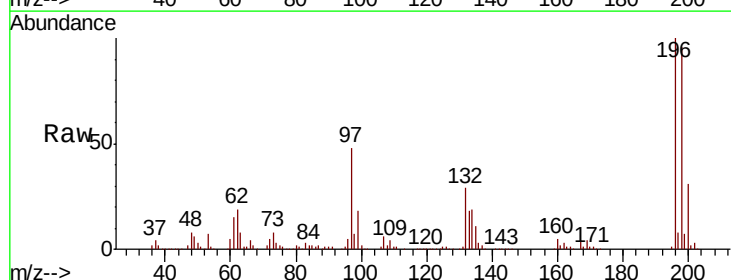
Ion Ratio Lower Upper

196 100

198 95.7 73.8 110.8

97 47.8 42.6 63.8

132 28.6 24.0 36.0



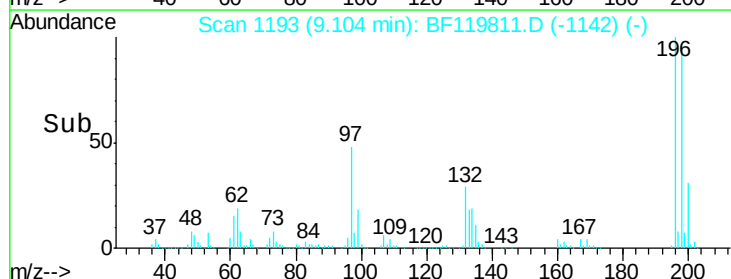
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

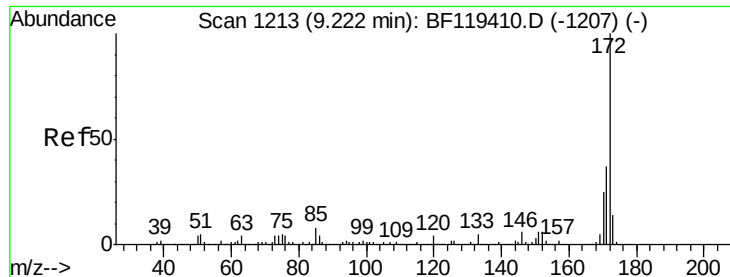
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

Time-->



Time-->

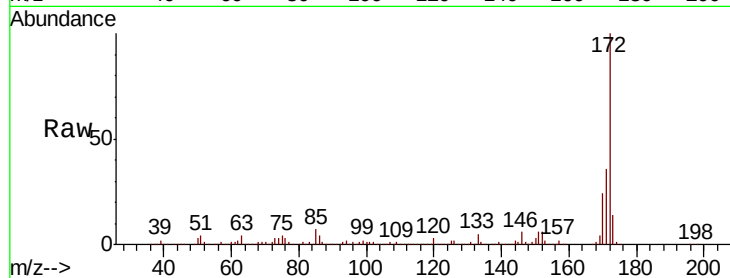


#45
 2-Fluorobiphenyl
 Concen: 83.145 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

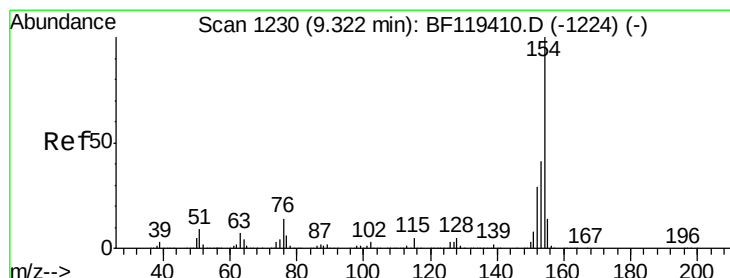
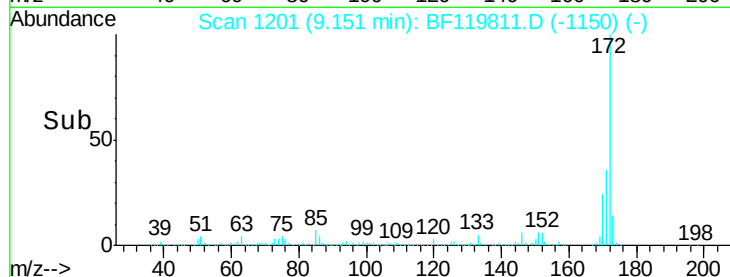
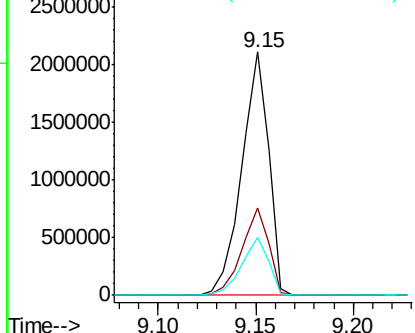
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 2014711

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.9	20.2	30.2



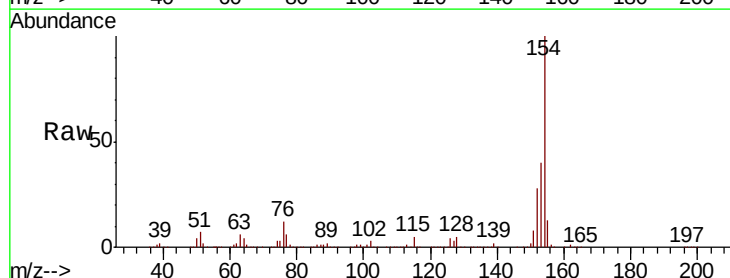
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



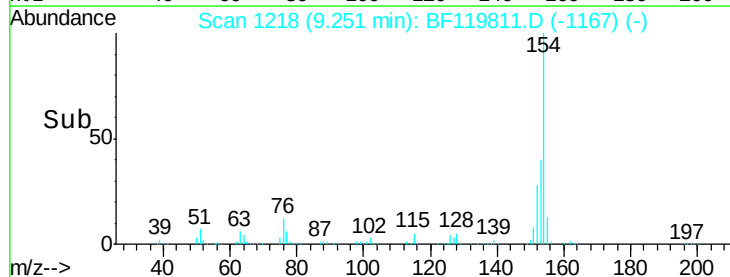
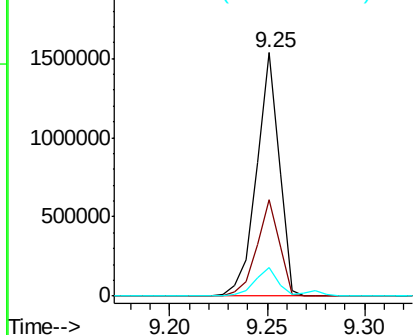
#46
 1,1'-Biphenyl
 Concen: 42.234 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

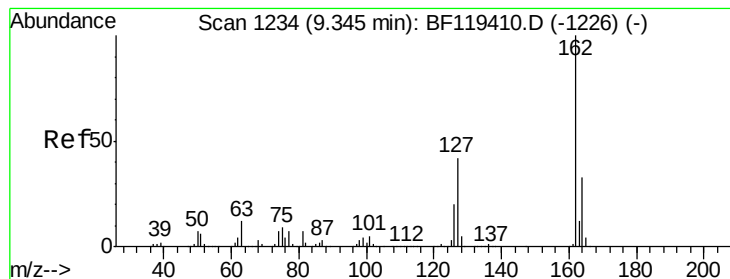
Tgt Ion:154 Resp: 1234798

Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.4	61.4
76	11.9	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: 41.101 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

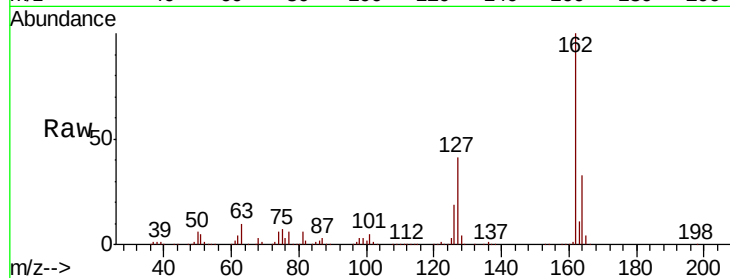
Tot Ion:162 Resp: 941272

Ion Ratio Lower Upper

162 100

127 40.9 33.7 50.5

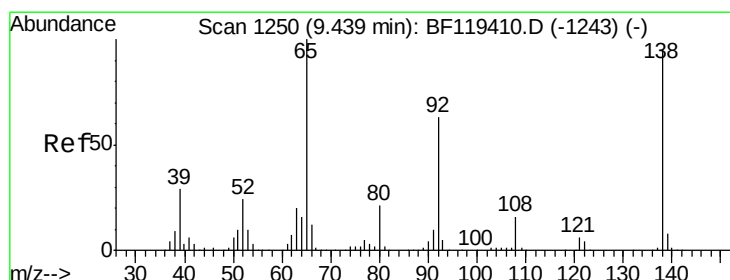
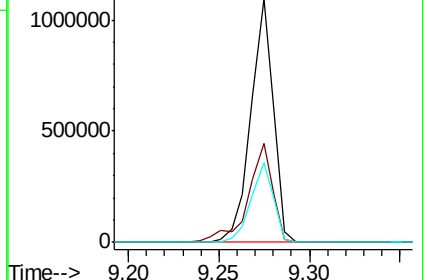
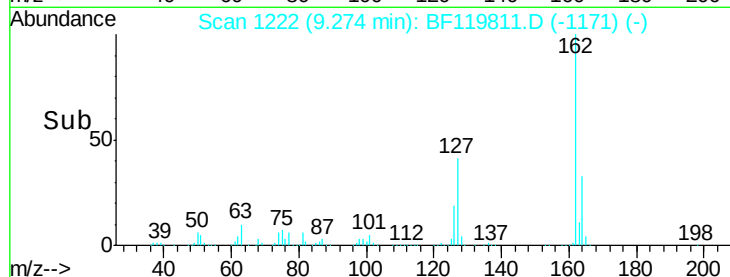
164 32.7 26.3 39.5



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: 42.064 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

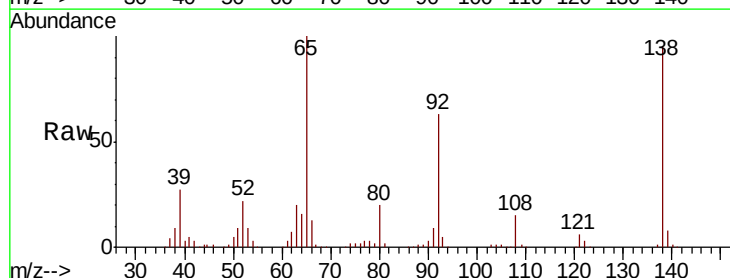
Tgt Ion: 65 Resp: 332509

Ion Ratio Lower Upper

65 100

92 62.7 50.0 75.0

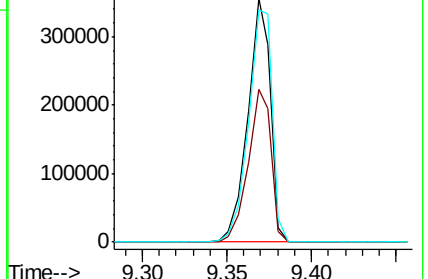
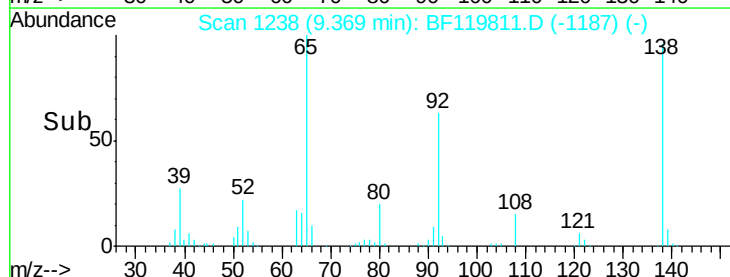
138 95.3 75.0 112.4

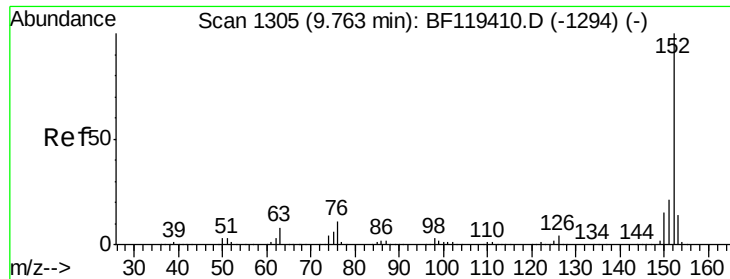


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.390 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

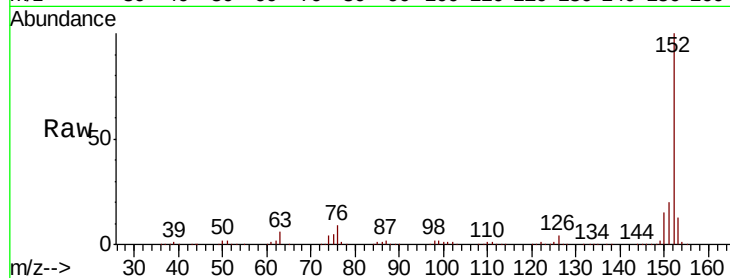
Tot Ion:152 Resp: 1452591

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

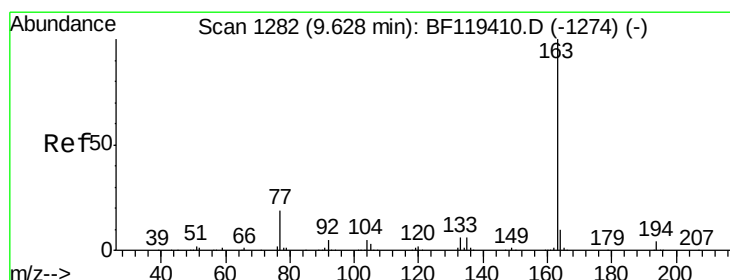
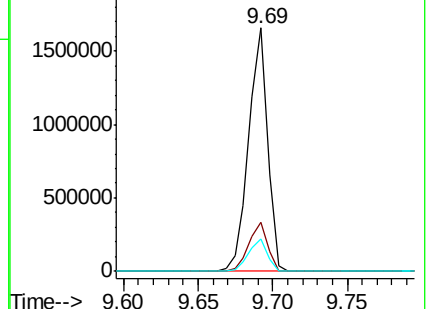
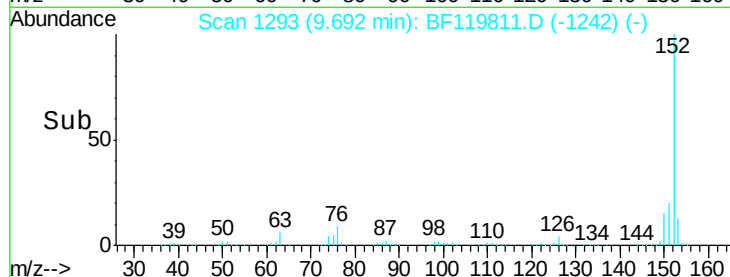
153 13.3 11.2 16.8



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: 41.003 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

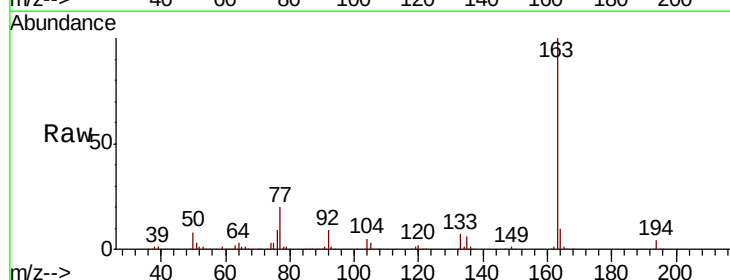
Tgt Ion:163 Resp: 1045511

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

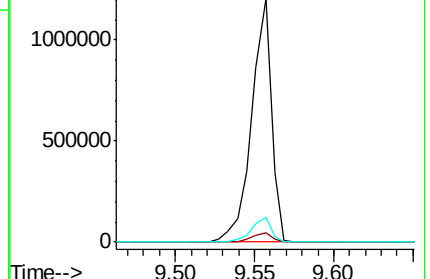
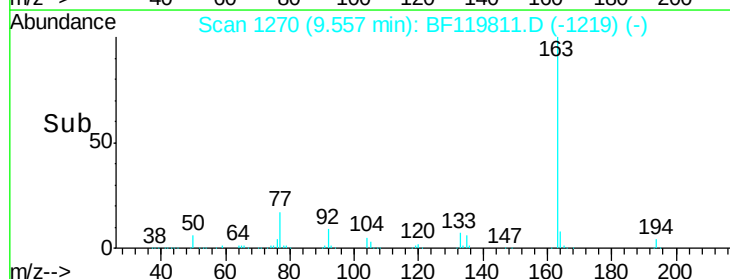
164 9.9 8.2 12.2

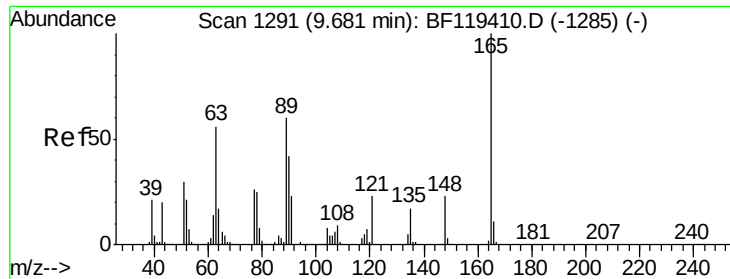


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

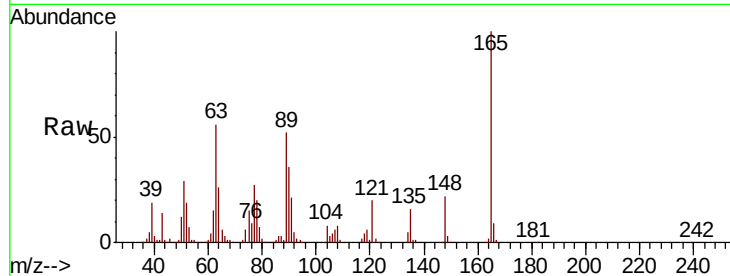




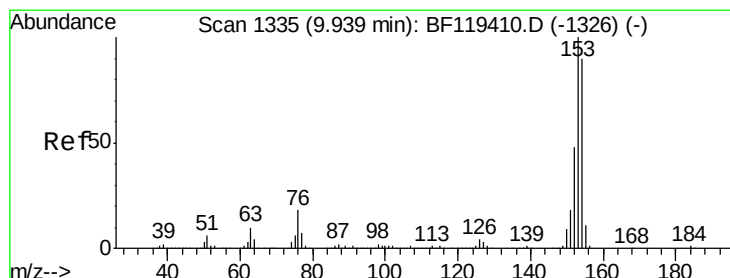
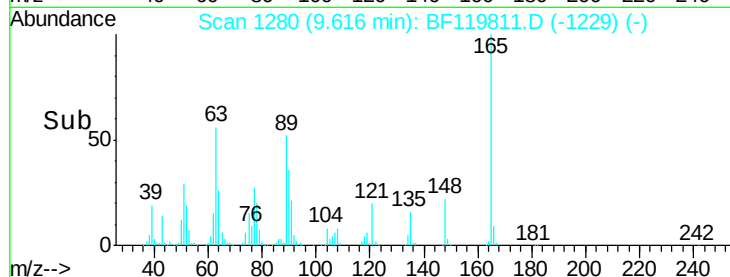
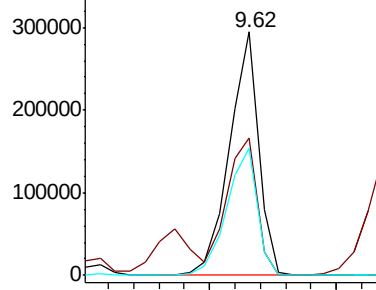
#51
 2,6-Dinitrotoluene
 Concen: 43.617 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	45.0	67.4
89	52.5	41.5	62.3

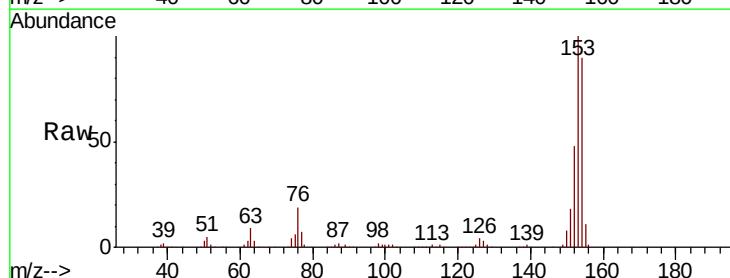


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

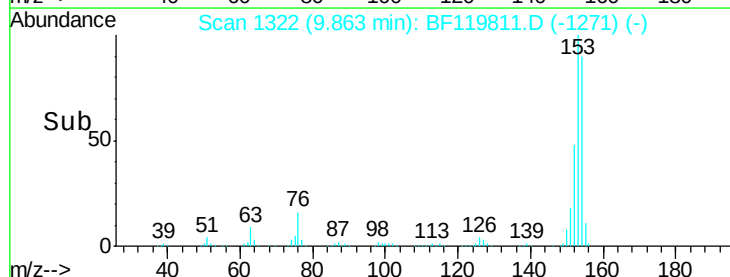
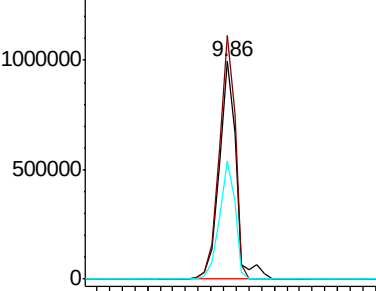


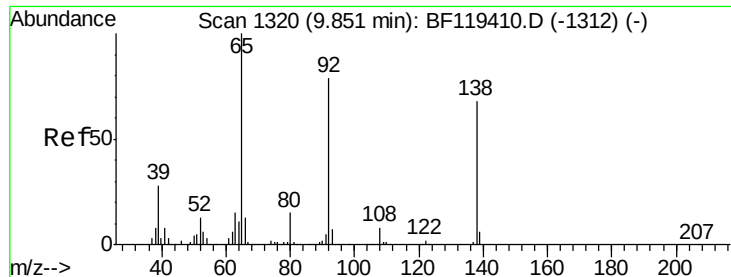
#52
 Acenaphthene
 Concen: 40.681 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.1	132.1
152	54.0	43.0	64.4



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

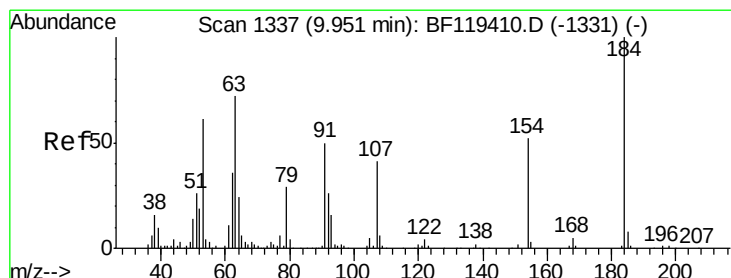
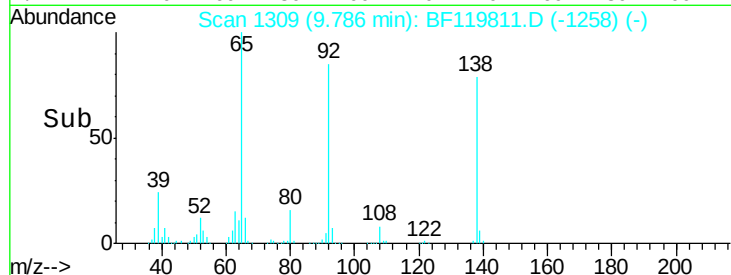
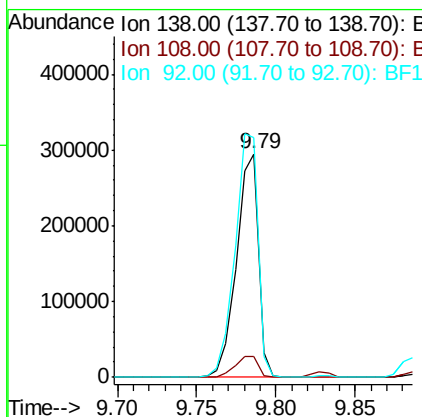
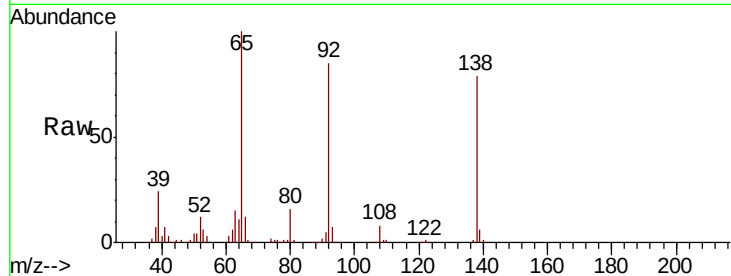




#53
3-Nitroaniline
Concen: 41.051 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

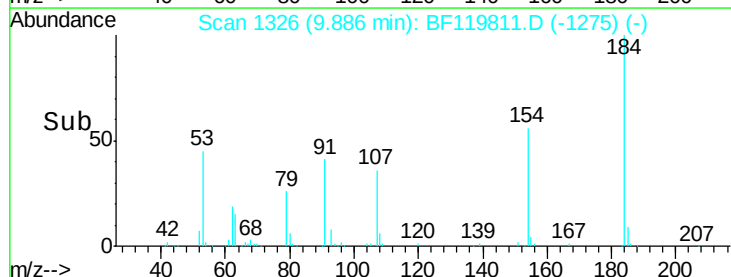
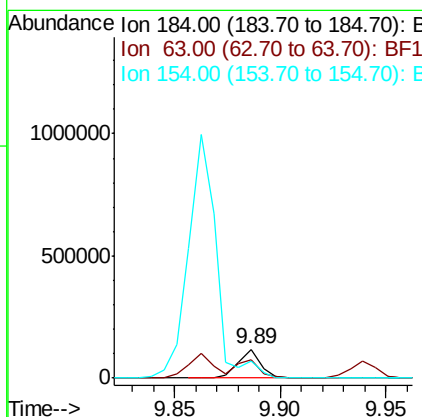
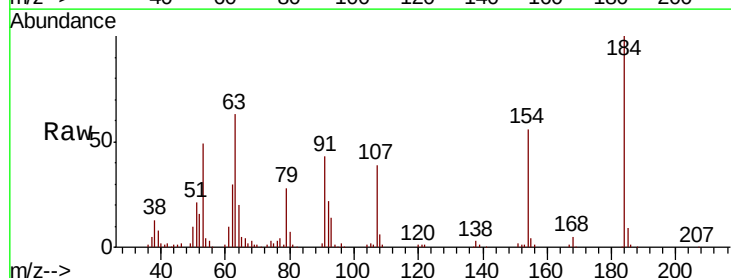
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

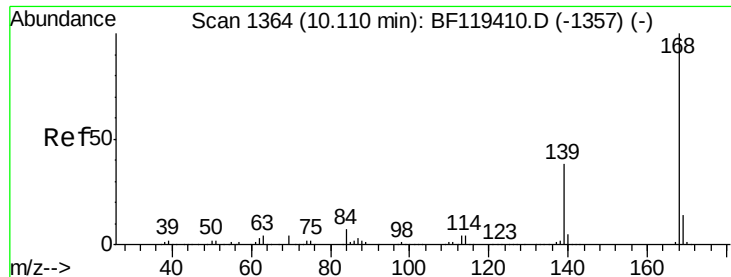
Tot Ion:138 Resp: 283251
Ion Ratio Lower Upper
138 100
108 9.6 8.6 13.0
92 107.6 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 42.058 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:184 Resp: 90490
Ion Ratio Lower Upper
184 100
63 62.8 50.2 75.4
154 56.4 44.5 66.7

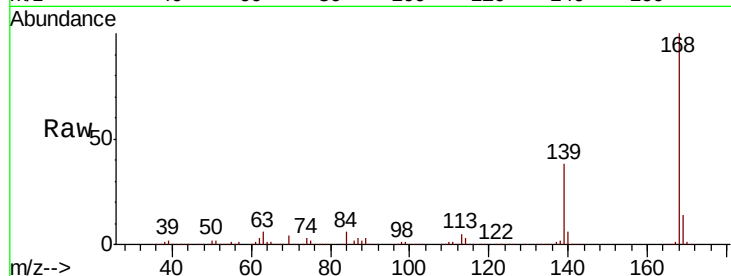




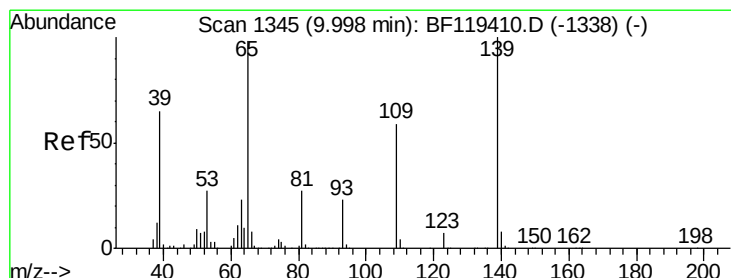
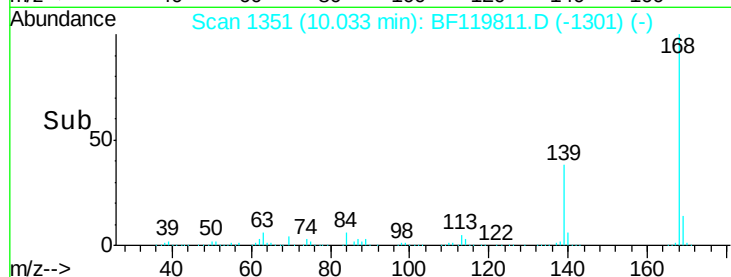
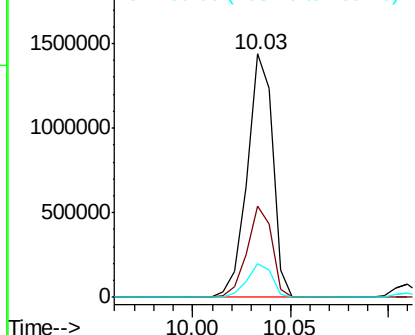
#55
 Dibenzofuran
 Concen: 40.526 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:168 Resp: 1302722
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 14.0 11.0 16.6

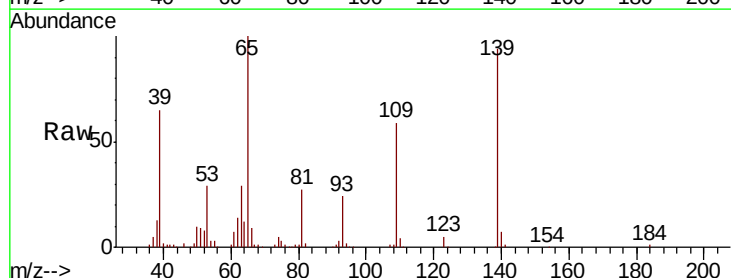


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

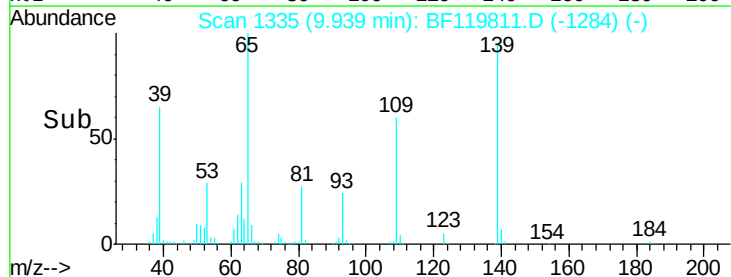
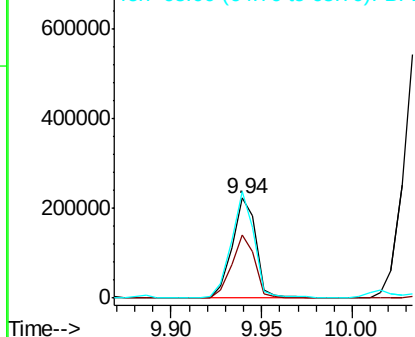


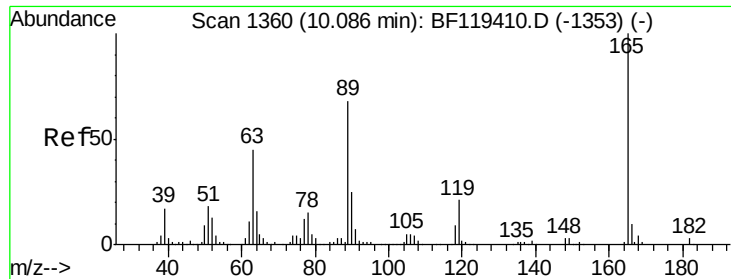
#56
 4-Nitrophenol
 Concen: 37.694 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:139 Resp: 205175
 Ion Ratio Lower Upper
 139 100
 109 63.3 43.3 83.3
 65 106.4 91.0 131.0



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





#57

2,4-Dinitrotoluene

Concen: 45.737 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 314898

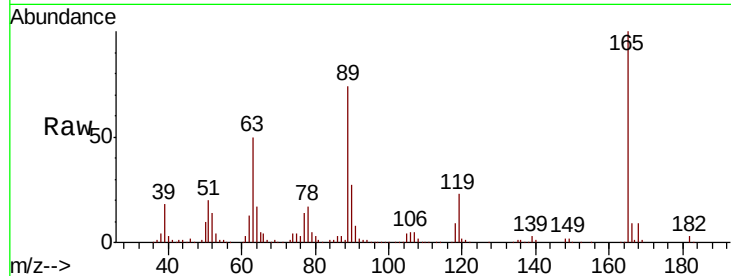
Ion Ratio Lower Upper

165 100

63 50.1 42.6 64.0

89 74.4 61.0 91.4

182 2.8 2.2 3.2

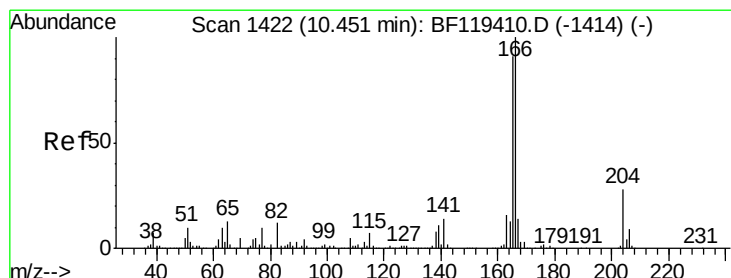
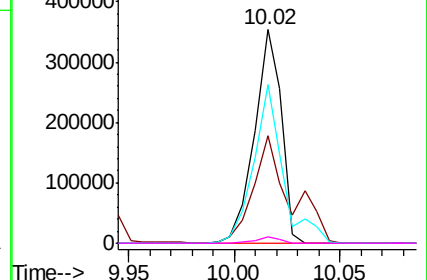
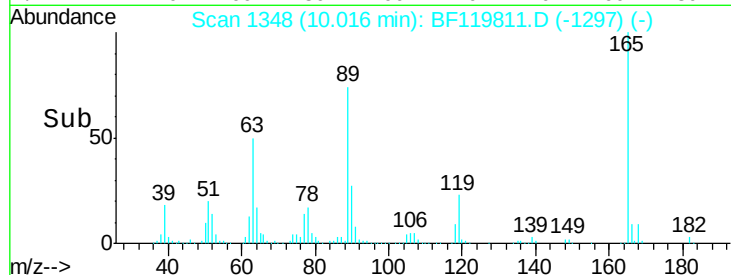


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.549 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

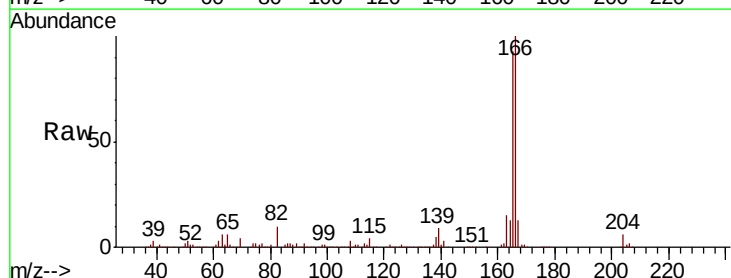
Tgt Ion:166 Resp: 987665

Ion Ratio Lower Upper

166 100

165 93.5 75.4 113.2

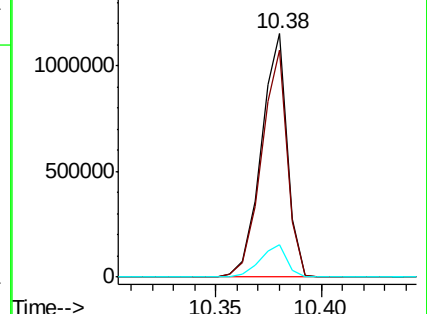
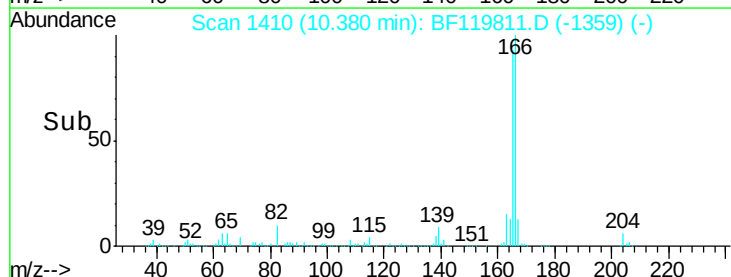
167 13.4 11.2 16.8

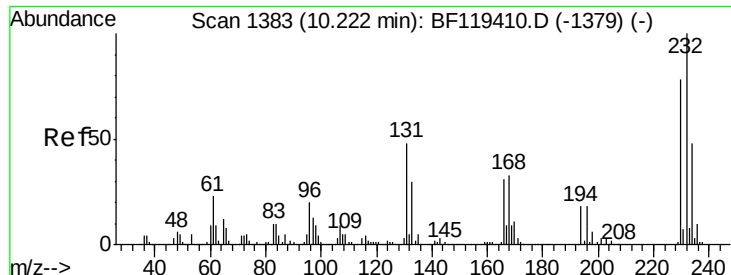


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

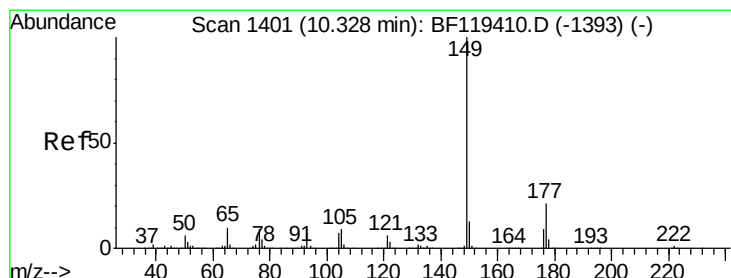
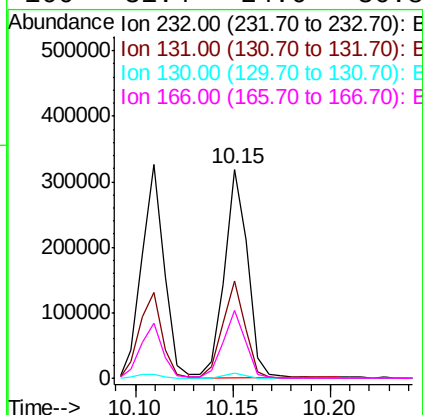
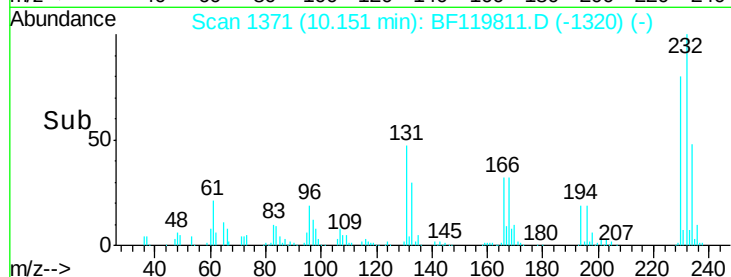
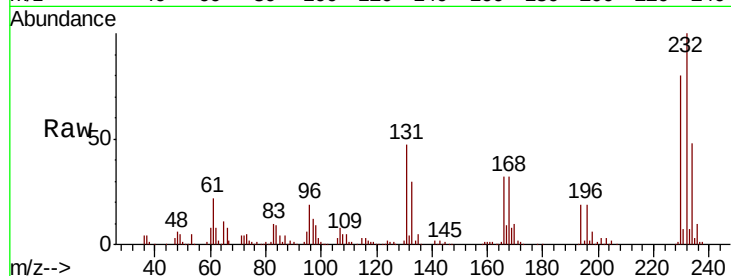




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.523 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

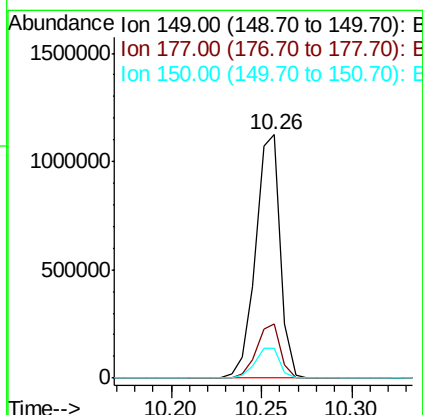
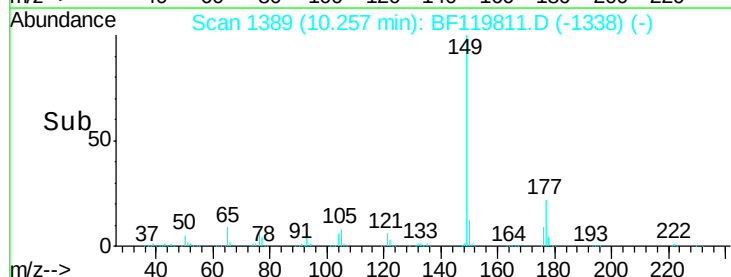
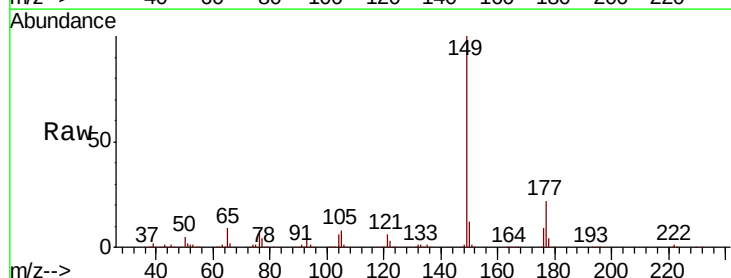
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

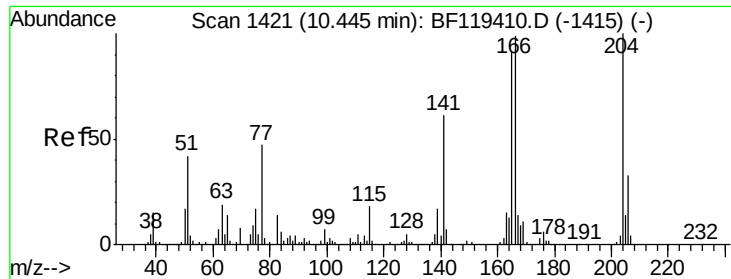
Tot Ion:232 Resp: 261809
Ion Ratio Lower Upper
232 100
131 46.0 37.5 56.3
130 2.1 1.8 2.6
166 31.4 24.6 36.8



#60
Diethylphthalate
Concen: 41.002 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:149 Resp: 1061114
Ion Ratio Lower Upper
149 100
177 22.1 17.0 25.6
150 12.1 10.1 15.1

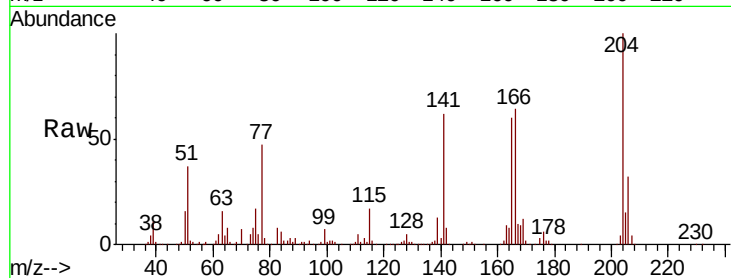




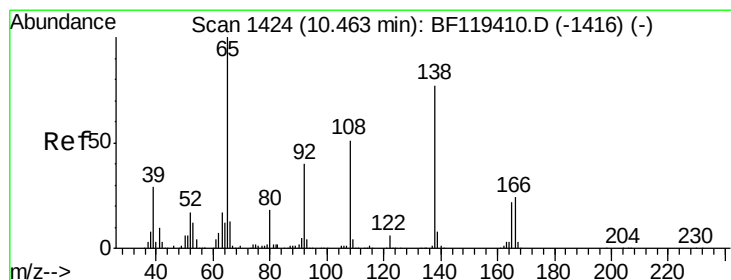
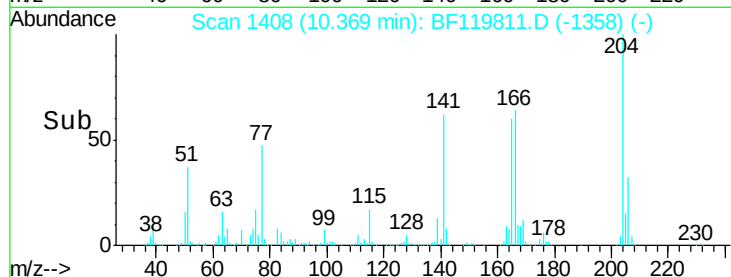
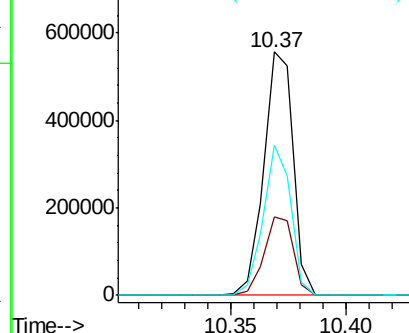
#61
4-Chlorophenyl-phenylether
Concen: 42.550 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 494620
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 61.6 47.3 70.9

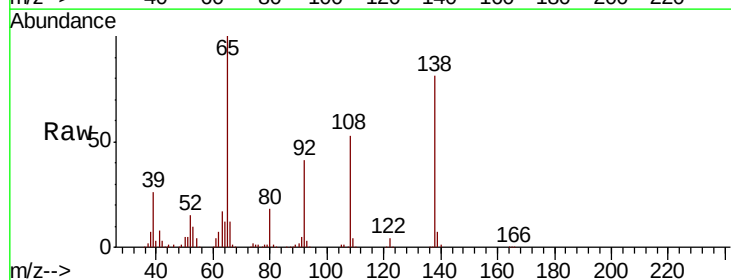


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

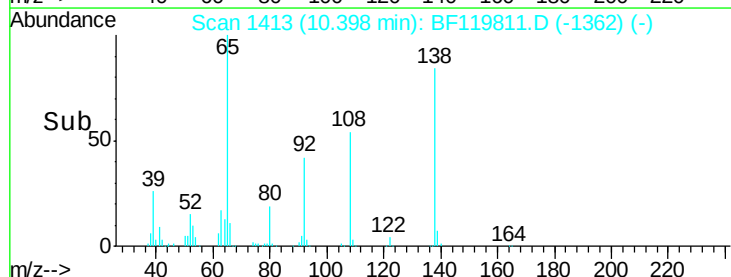
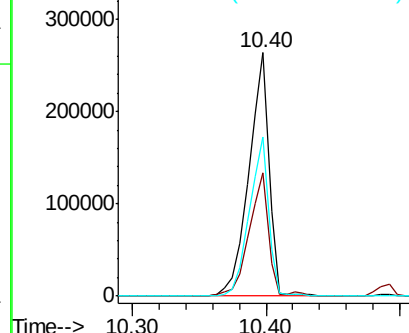


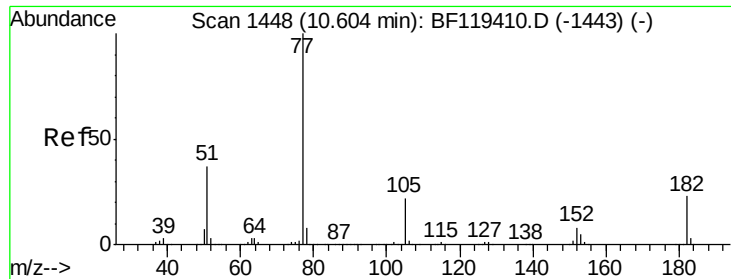
#62
4-Nitroaniline
Concen: 41.351 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:138 Resp: 273606
Ion Ratio Lower Upper
138 100
92 50.5 31.5 71.5
108 65.6 45.8 85.8



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





#63

Azobenzene

Concen: 39.030 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

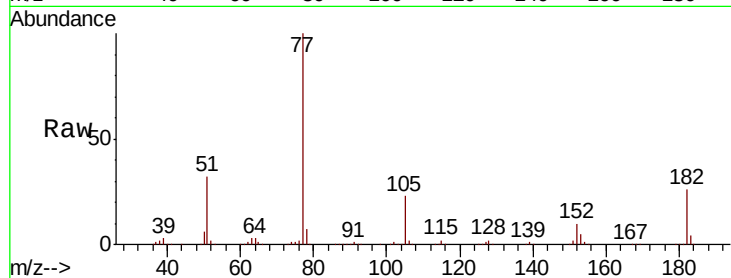
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1017157

Ion	Ratio	Lower	Upper
77	100		
182	26.0	4.4	44.4
105	23.1	2.6	42.6
51	32.3	15.1	55.1

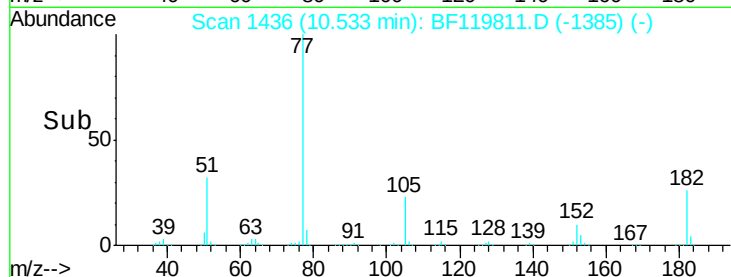


Abundance Ion 77.00 (76.70 to 77.70): BF1

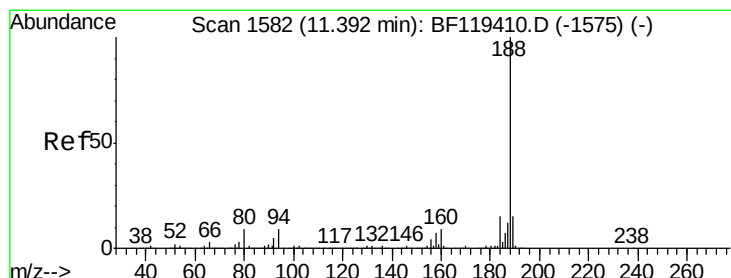
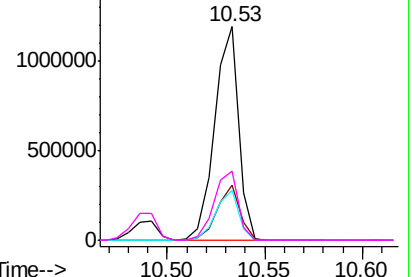
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

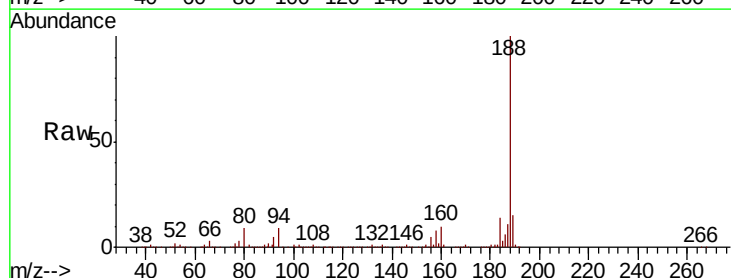
Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Tgt Ion: 188 Resp: 677110

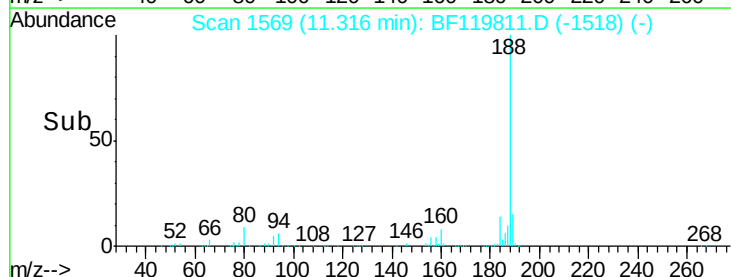
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	8.9	9.0	13.4



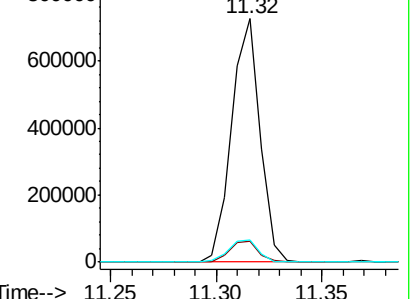
Abundance Ion 188.00 (187.70 to 188.70): BF1

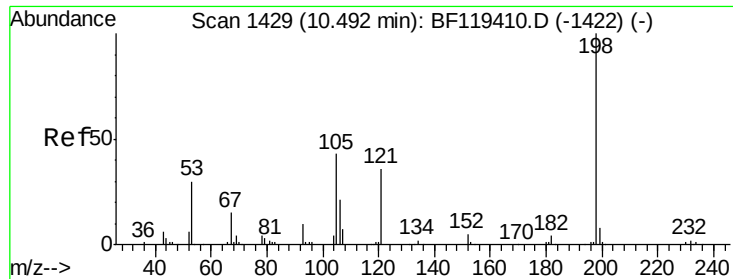
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

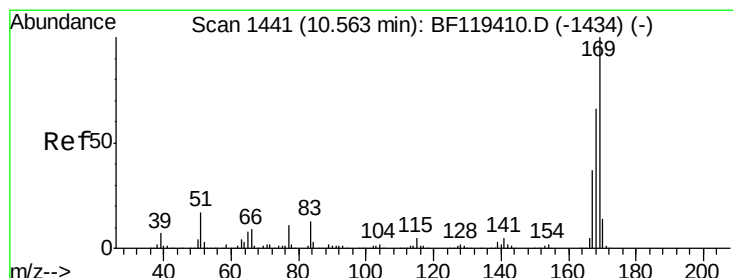
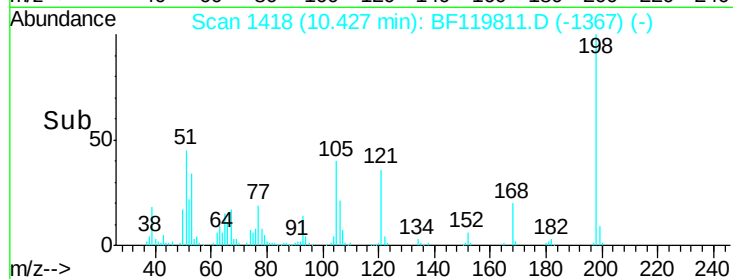
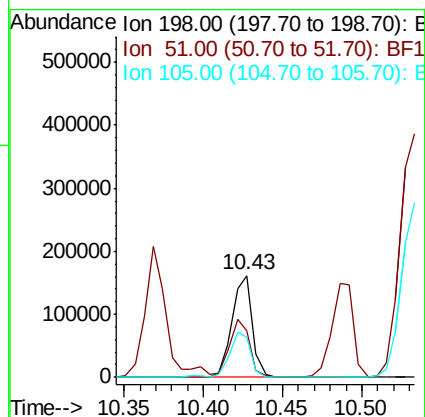
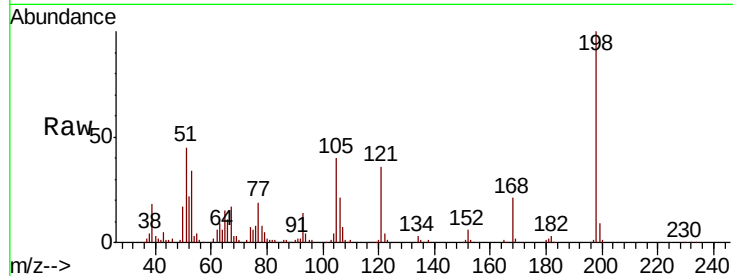




#65
4,6-Dinitro-2-methylphenol
Concen: 50.688 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

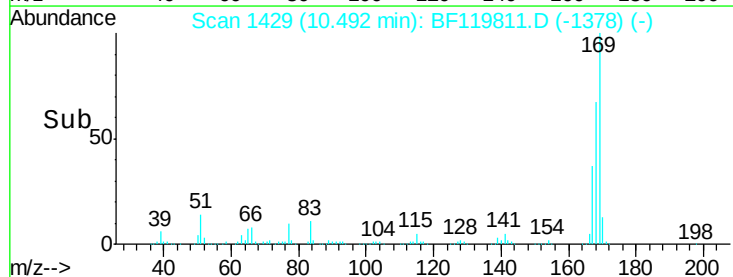
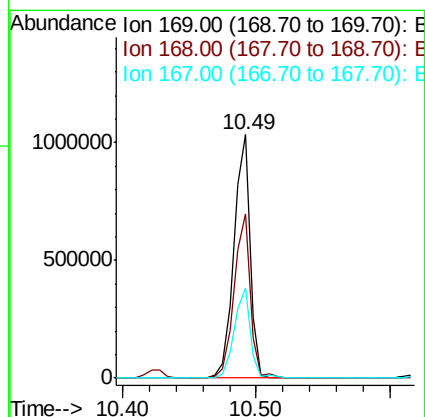
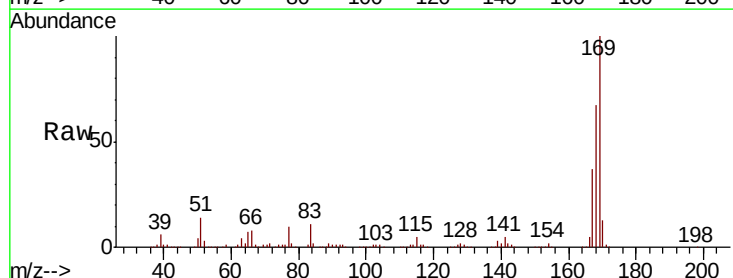
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

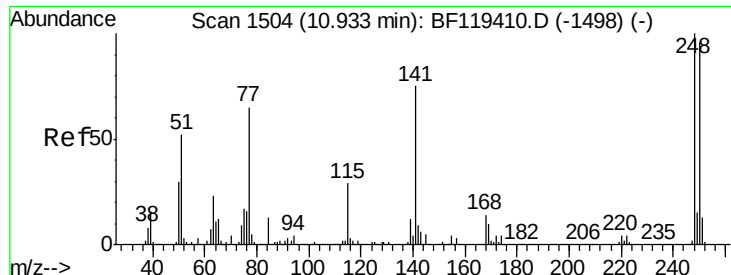
Tot Ion:198 Resp: 143920
Ion Ratio Lower Upper
198 100
51 45.4 29.0 69.0
105 39.6 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 39.890 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:169 Resp: 886693
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 37.1 29.1 43.7

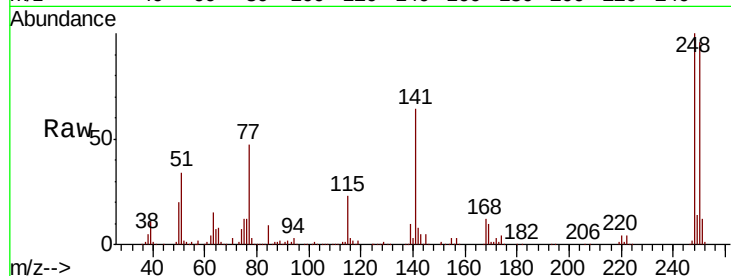




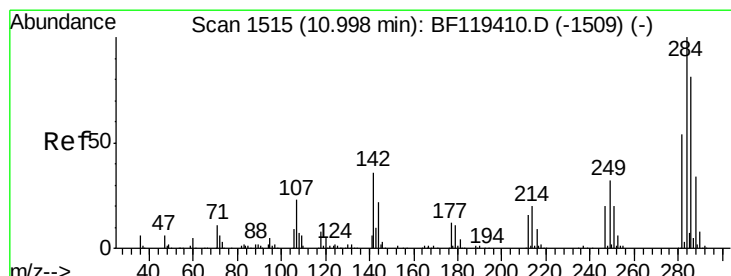
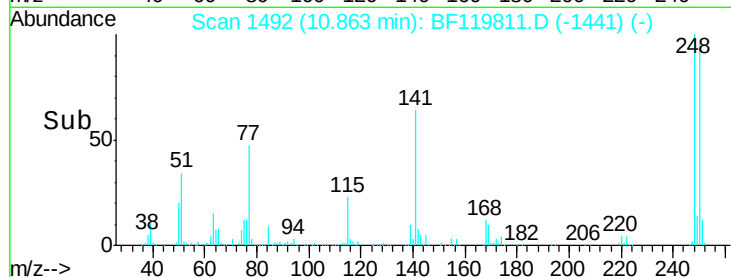
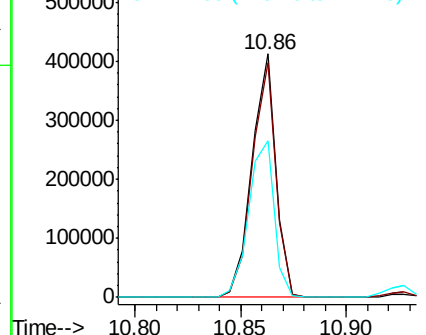
#67
 4-Bromophenyl-phenylether
 Concen: 42.240 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 325732
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.3 115.9
 141 64.4 58.6 87.8

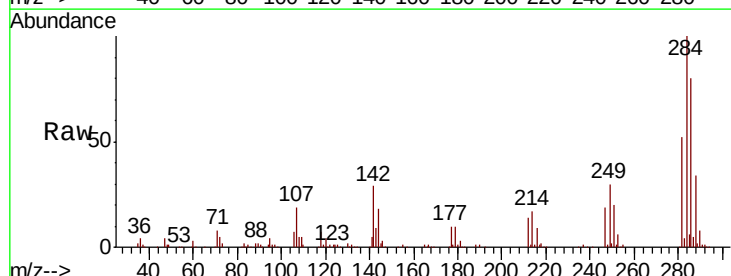


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

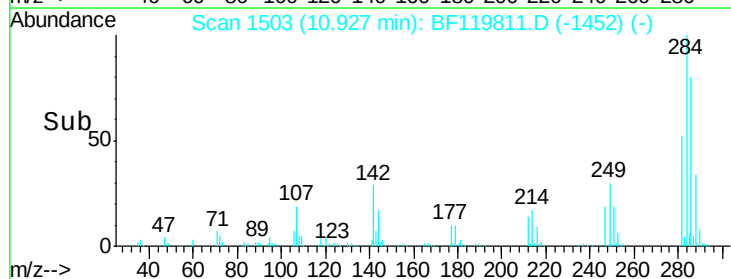
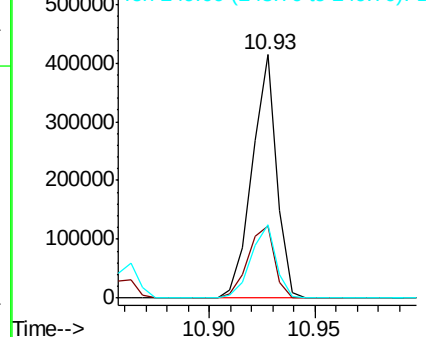


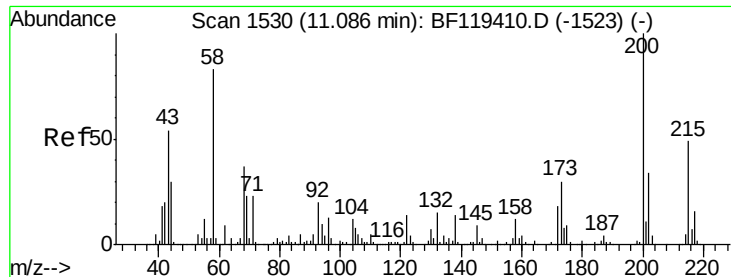
#68
 Hexachlorobenzene
 Concen: 42.181 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:284 Resp: 332917
 Ion Ratio Lower Upper
 284 100
 142 29.4 29.2 43.8
 249 30.2 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: 40.480 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

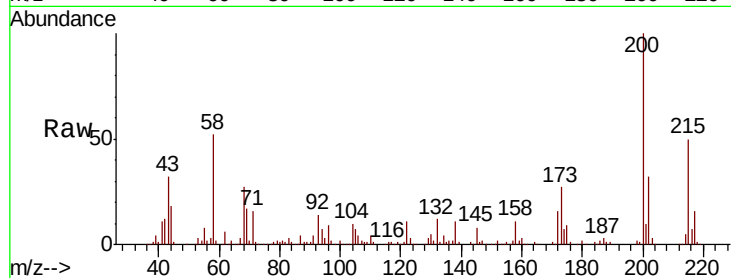
Tot Ion:200 Resp: 246681

Ion Ratio Lower Upper

200 100

173 26.8 9.3 49.3

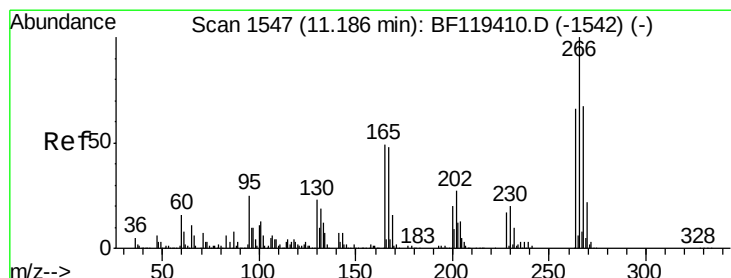
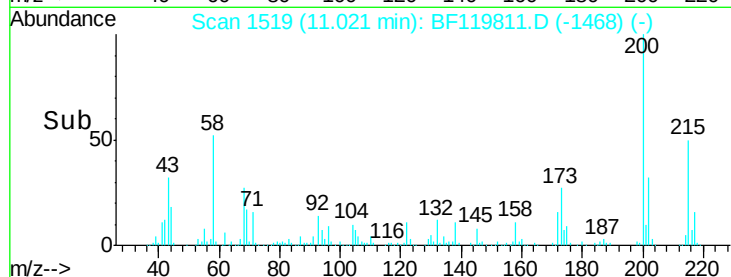
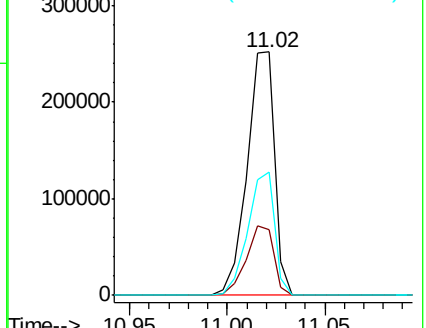
215 50.5 29.5 69.5



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: 39.961 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

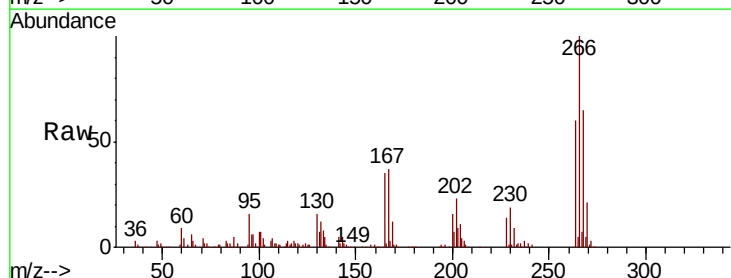
Tgt Ion:266 Resp: 184933

Ion Ratio Lower Upper

266 100

268 65.4 53.3 79.9

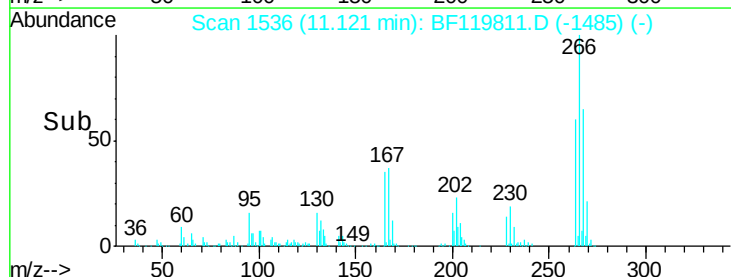
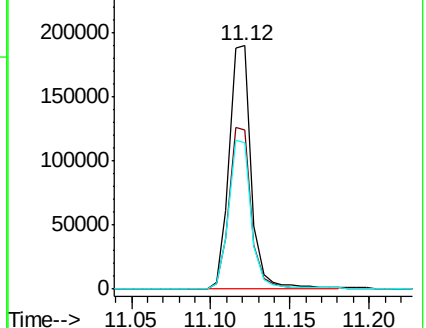
264 60.1 49.0 73.4

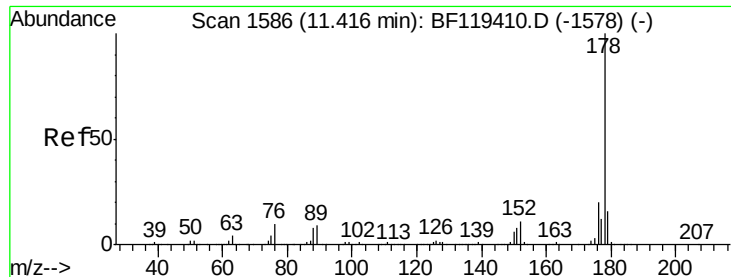


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

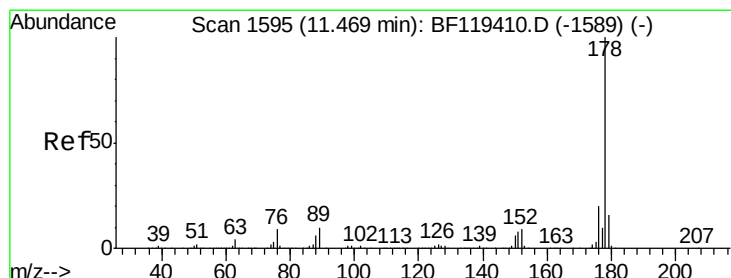
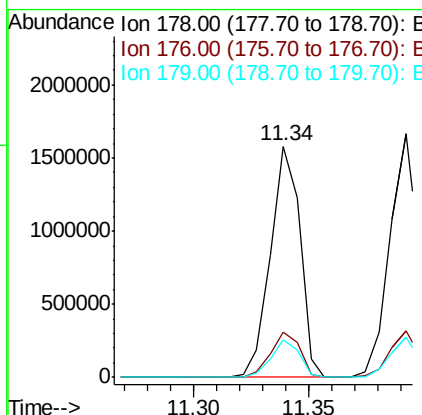
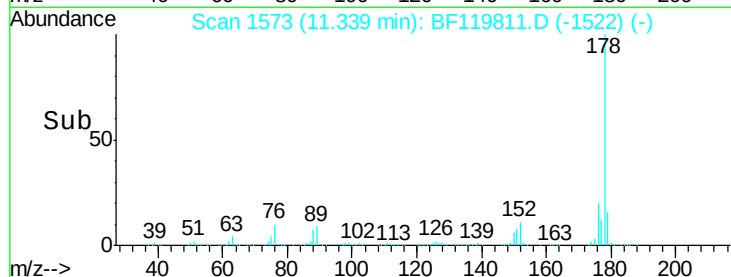
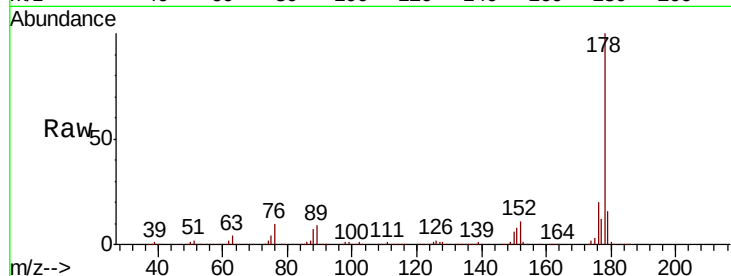




#71
 Phenanthrene
 Concen: 40.183 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

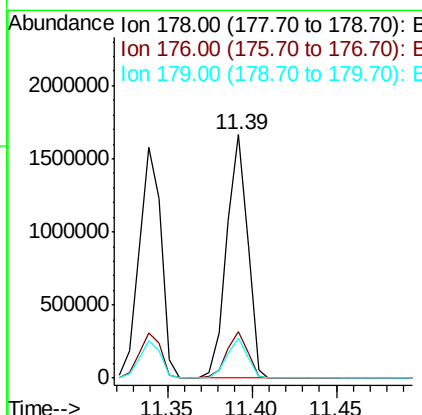
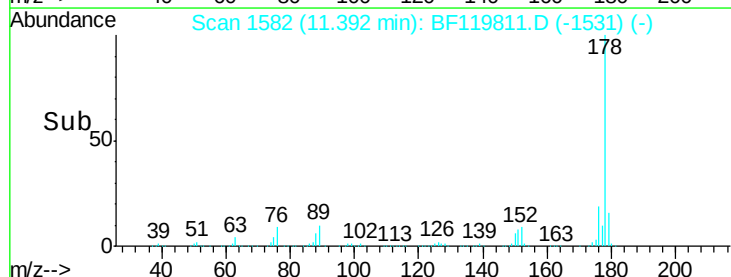
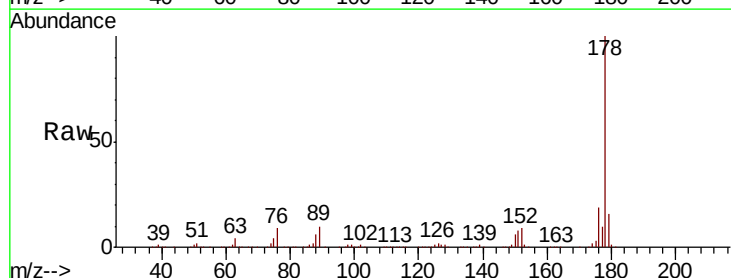
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

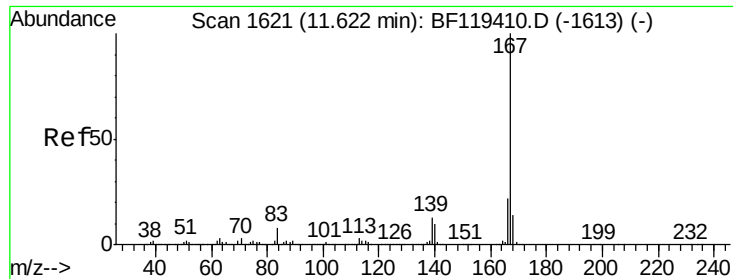
Tot Ion:178 Resp: 1410821
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 16.2 13.2 19.8



#72
 Anthracene
 Concen: 40.170 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:178 Resp: 1433403
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.1 24.1
 179 16.3 13.0 19.4

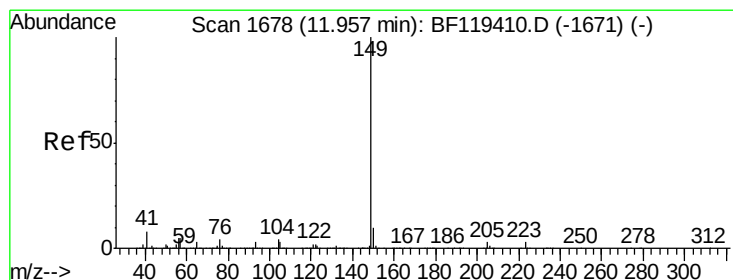
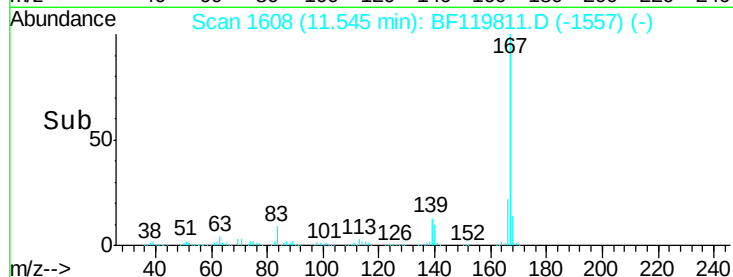
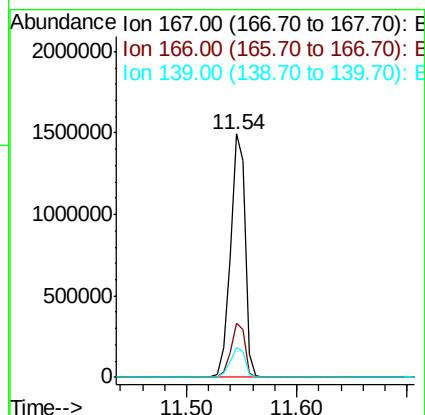
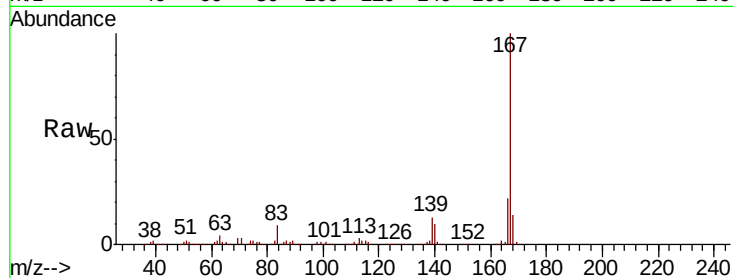




#73
 Carbazole
 Concen: 39.308 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

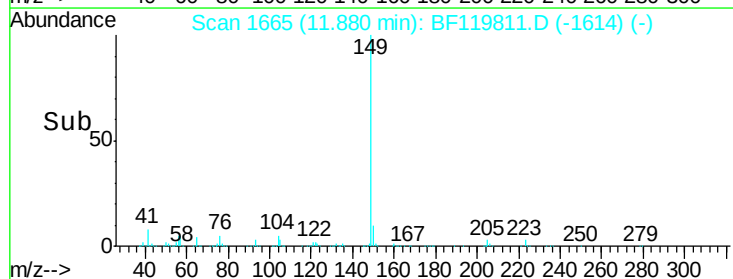
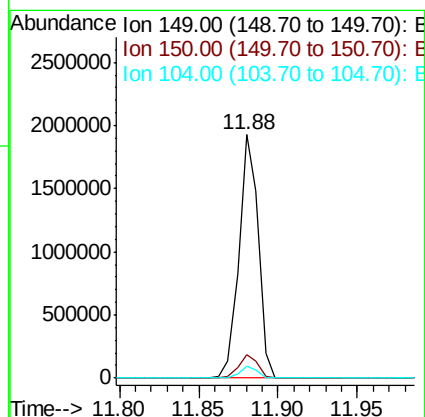
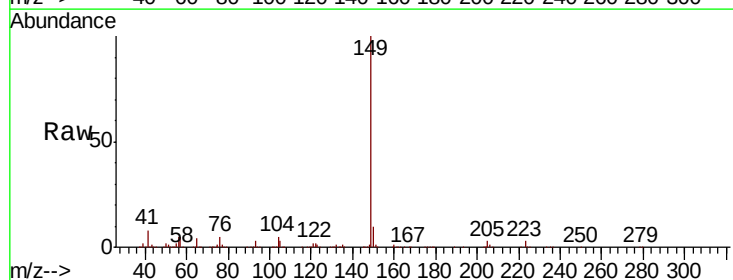
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

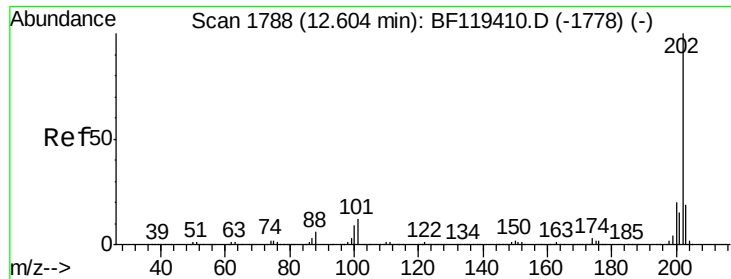
Tot Ion:167 Resp: 1388369
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 12.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 42.822 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF119811.D
 Acq: 7 Apr 2020 10:21

Tgt Ion:149 Resp: 1617939
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.8 3.6 5.4





#75

Fluoranthene

Concen: 40.044 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

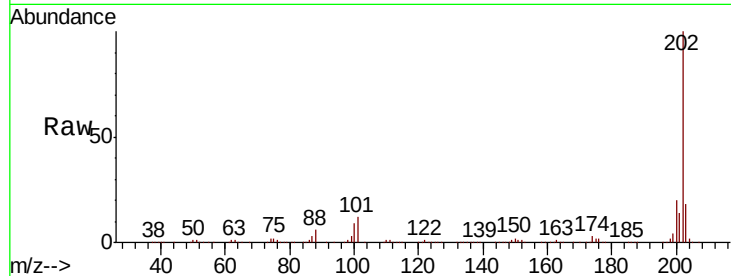
Tot Ion:202 Resp: 1521548

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.2

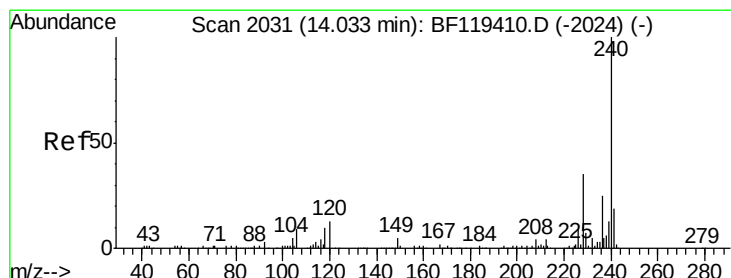
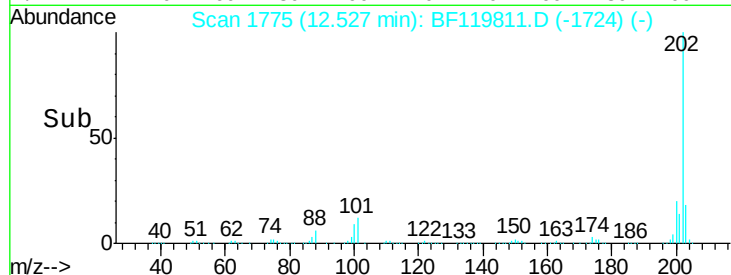
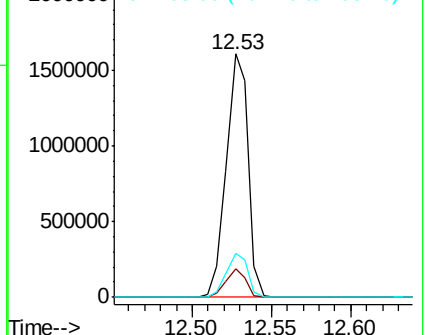
203 18.1 0.0 38.8



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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

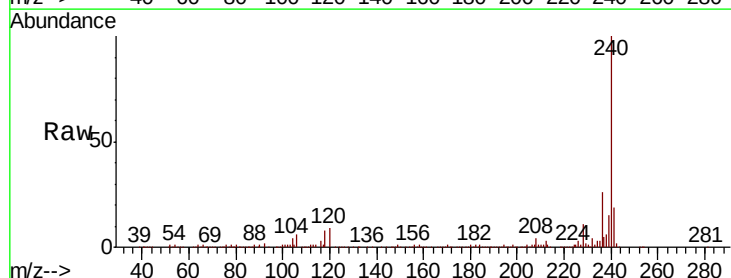
Tgt Ion:240 Resp: 501134

Ion Ratio Lower Upper

240 100

120 8.9 10.6 15.8#

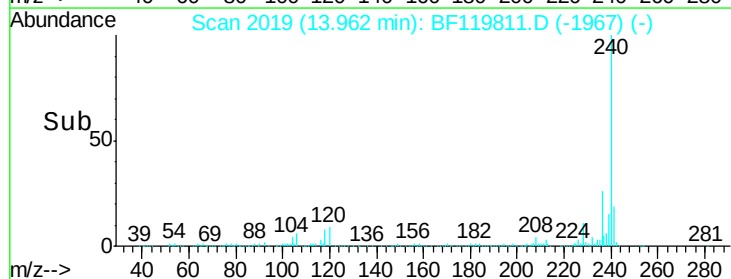
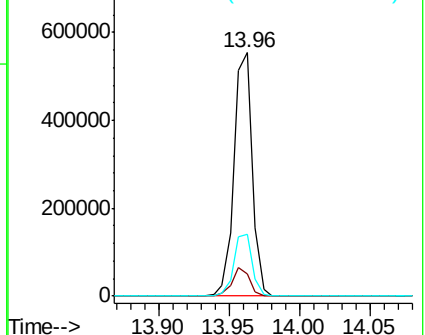
236 25.6 20.2 30.2

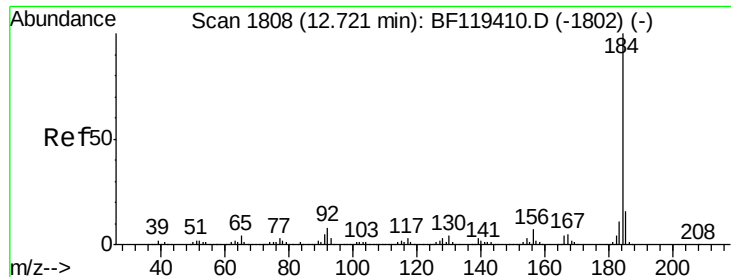


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.234 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

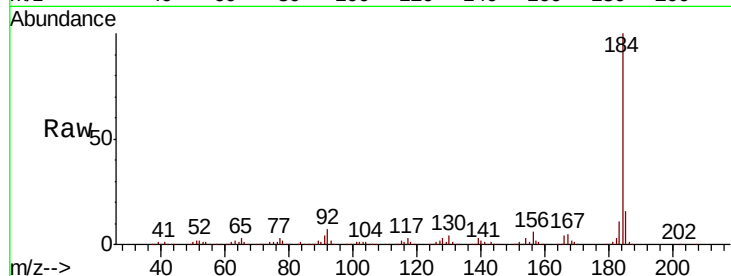
Tot Ion:184 Resp: 619994

Ion Ratio Lower Upper

184 100

185 15.6 12.3 18.5

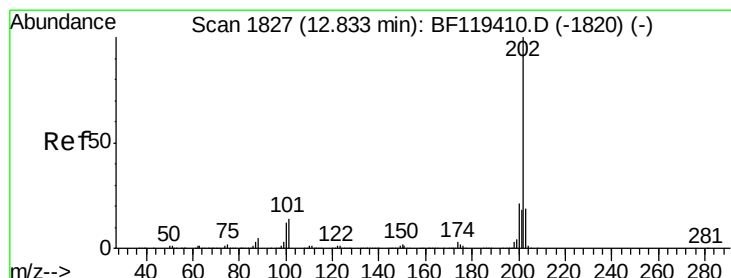
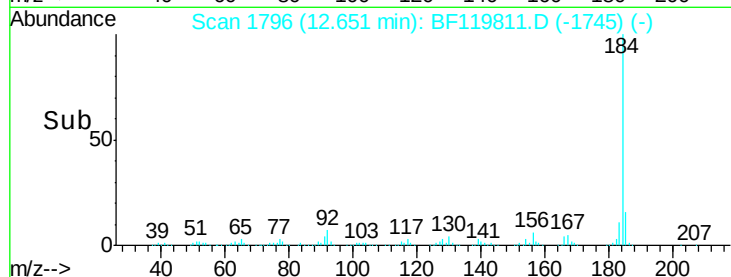
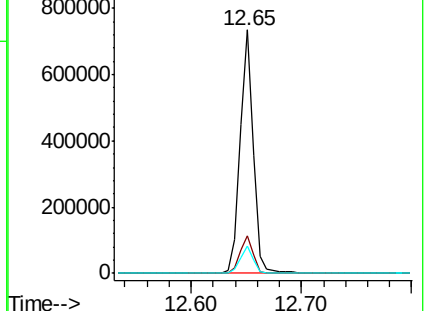
183 11.2 9.0 13.6



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: 38.245 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

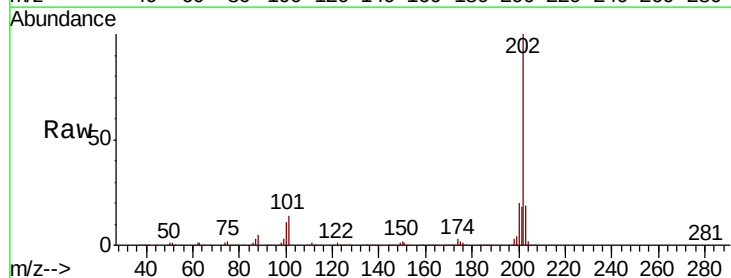
Tgt Ion:202 Resp: 1572906

Ion Ratio Lower Upper

202 100

200 20.0 16.8 25.2

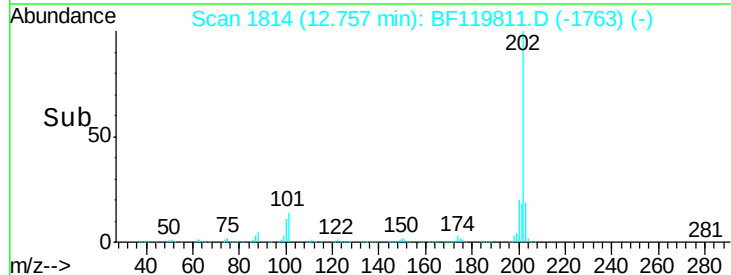
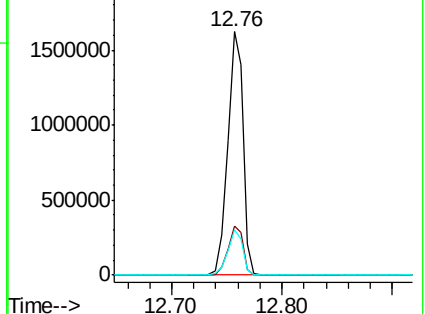
203 18.6 15.1 22.7

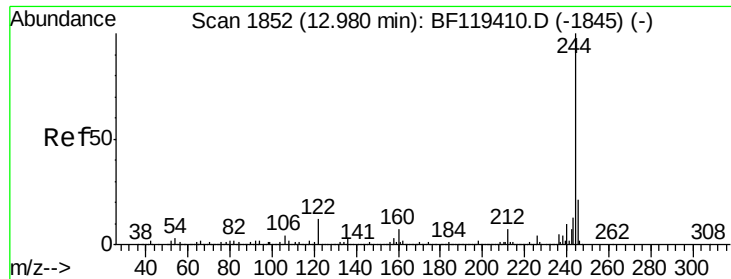


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.885 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

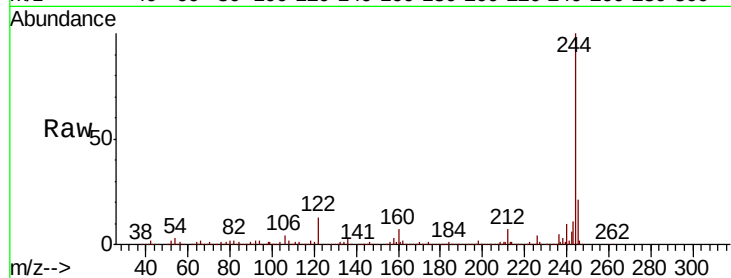
Tot Ion:244 Resp: 2094490

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 13.0 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

12.90

2500000

2000000

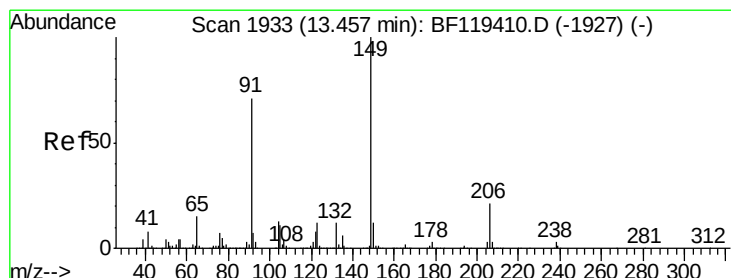
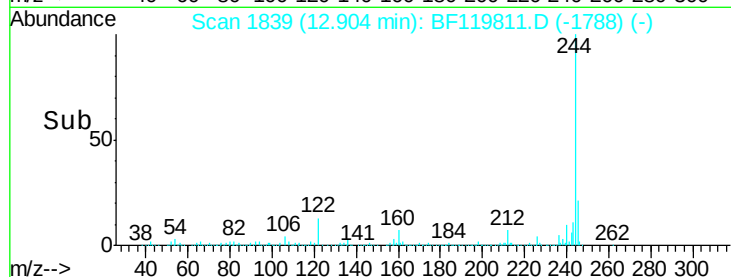
1500000

1000000

500000

0

Time--> 12.80 12.90 13.00



#80

Butylbenzylphthalate

Concen: 41.533 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

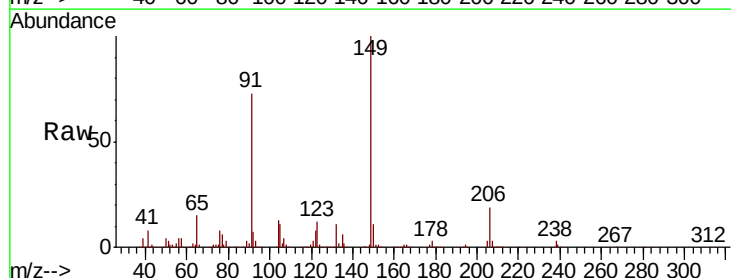
Tgt Ion:149 Resp: 690874

Ion Ratio Lower Upper

149 100

91 72.7 54.7 82.1

206 19.0 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.38

1000000

800000

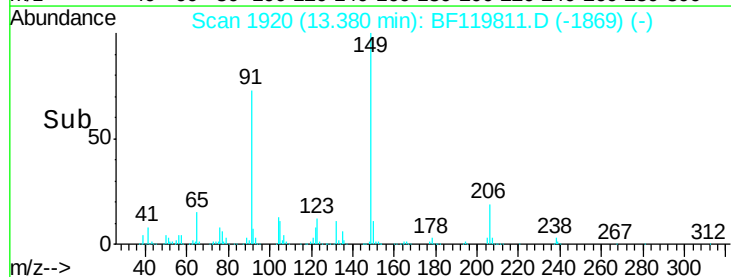
600000

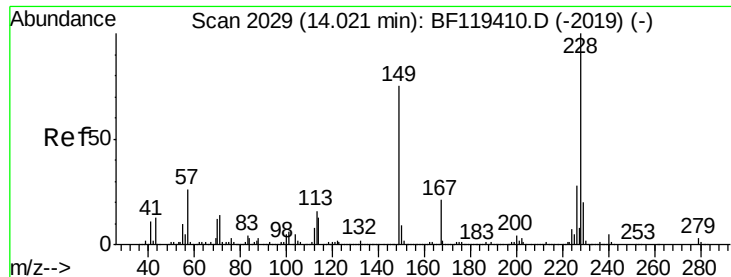
400000

200000

0

Time--> 13.35 13.40





#81

Benzo(a)anthracene

Concen: 39.607 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

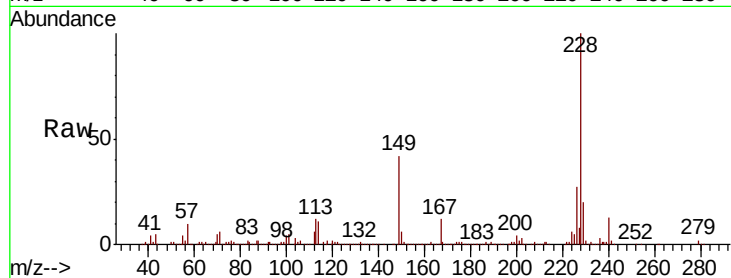
Tot Ion:228 Resp: 1290725

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

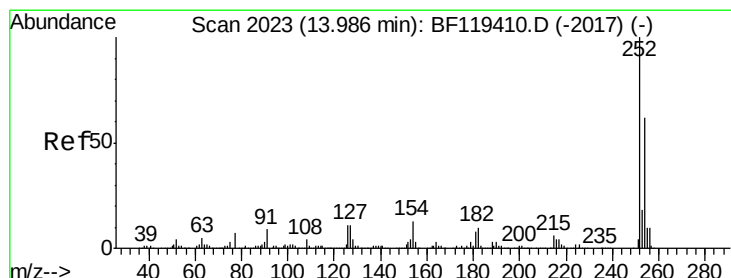
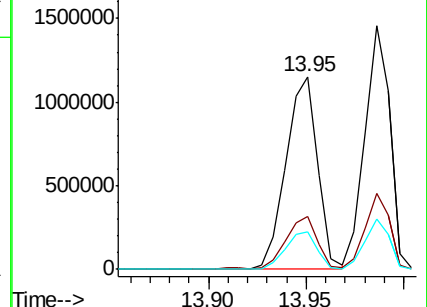
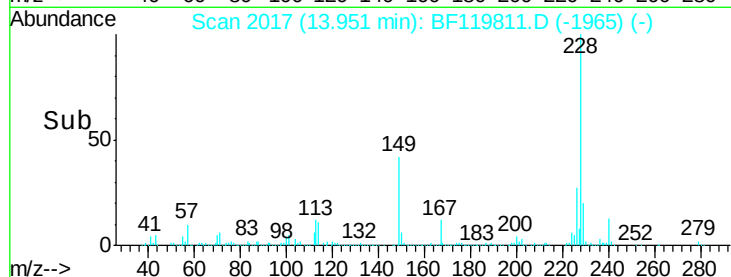
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.532 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

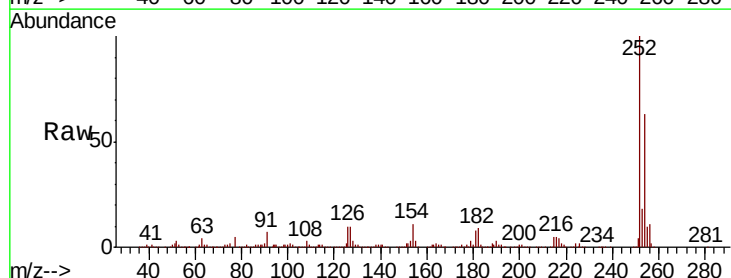
Tgt Ion:252 Resp: 495098

Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

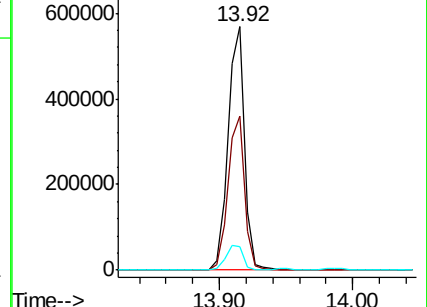
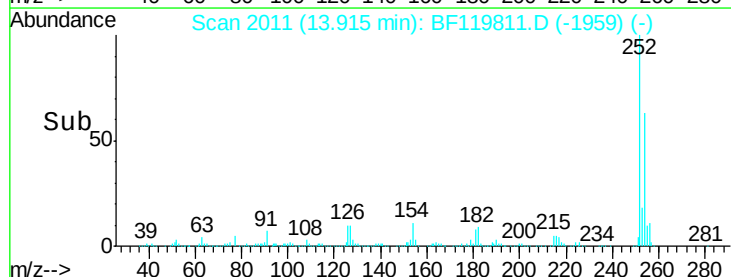
126 9.6 9.6 14.4

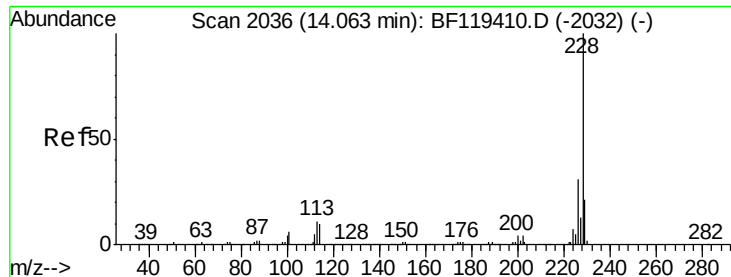


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.617 ng

RT: 13.99 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

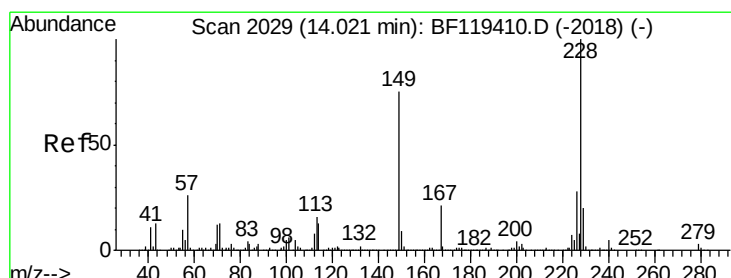
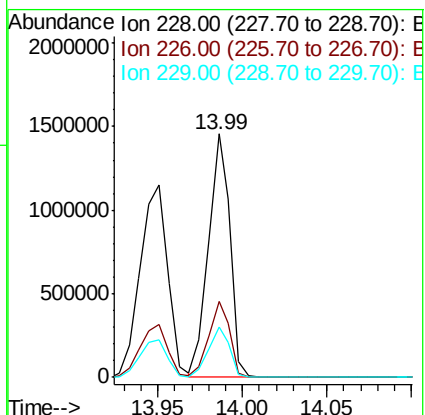
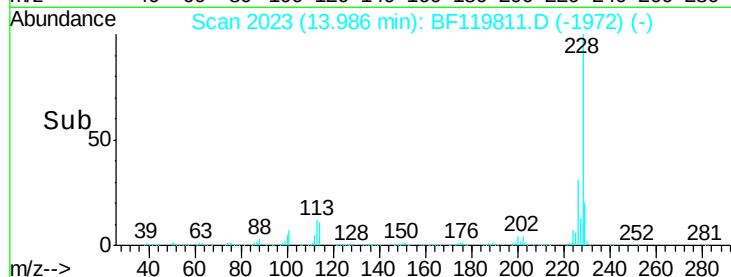
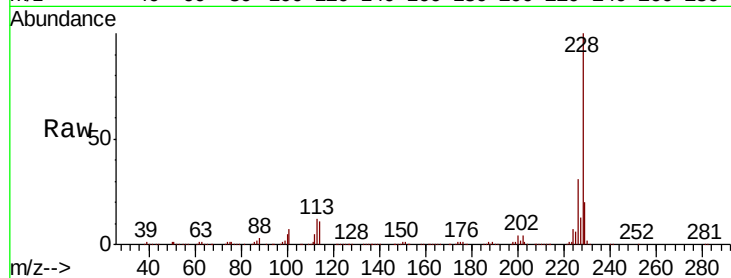
Tot Ion:228 Resp: 1298769

Ion Ratio Lower Upper

228 100

226 31.4 25.4 38.0

229 20.4 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.003 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF119811.D

Acq: 7 Apr 2020 10:21

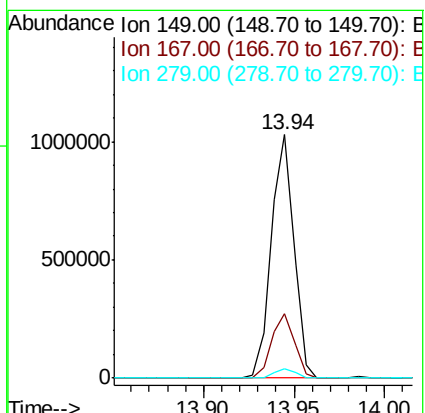
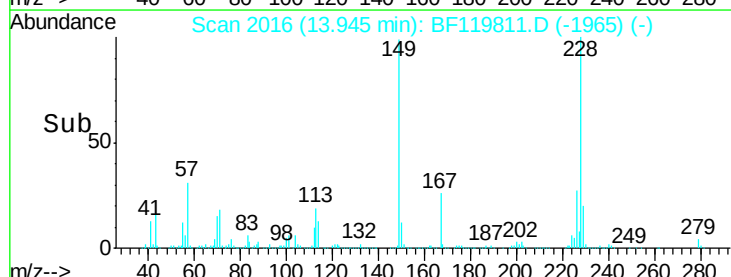
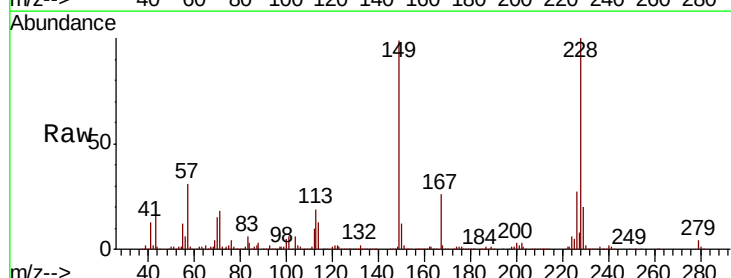
Tgt Ion:149 Resp: 892378

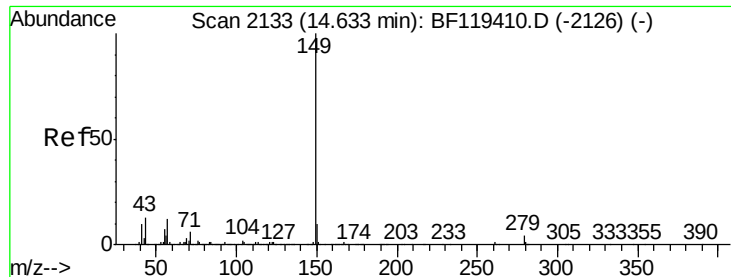
Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

279 3.7 2.7 4.1

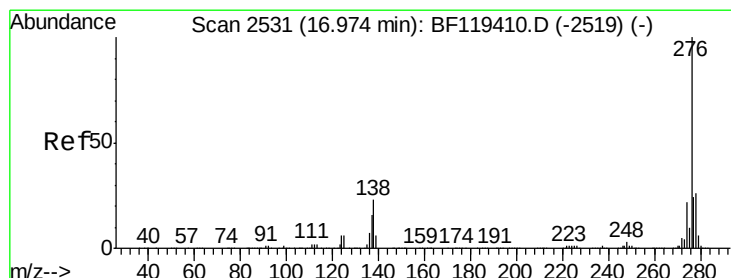
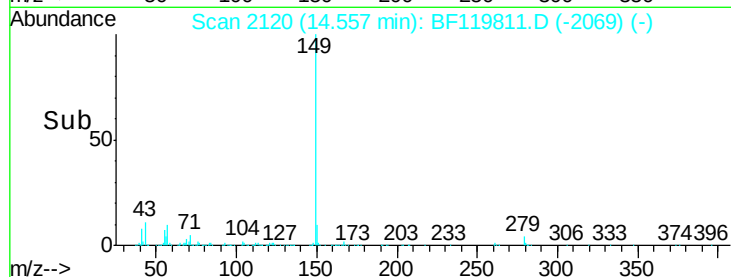
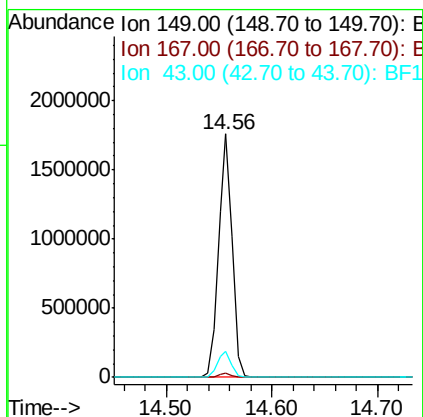
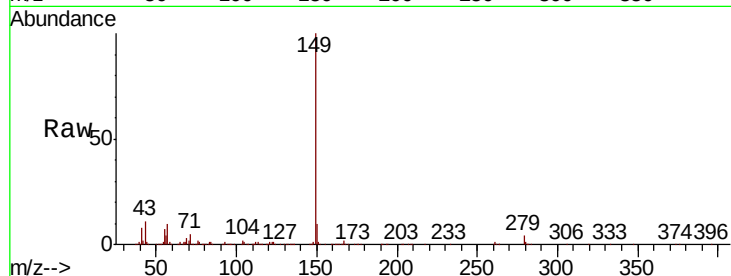




#85
Di-n-octyl phthalate
Concen: 46.049 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

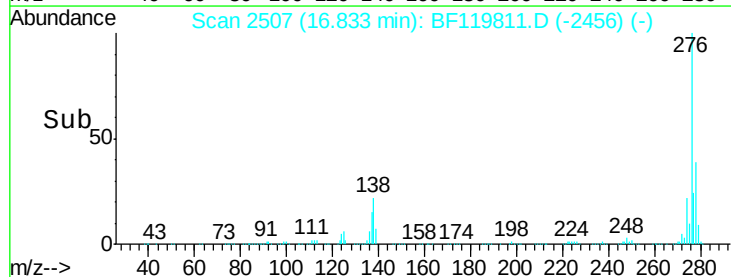
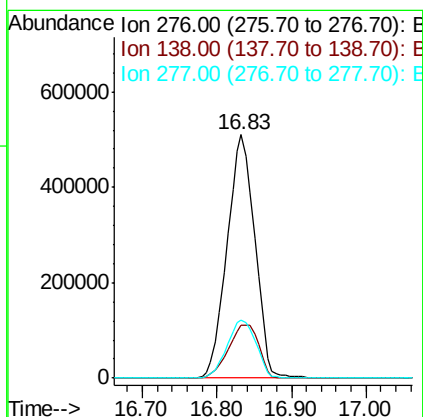
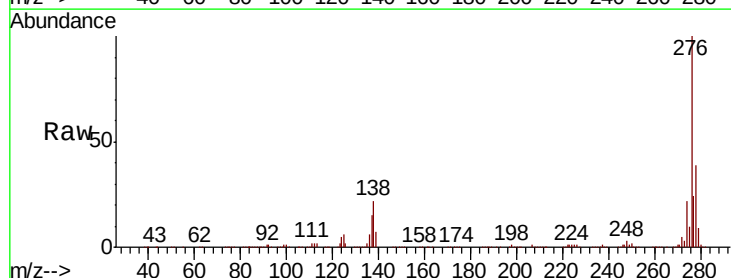
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

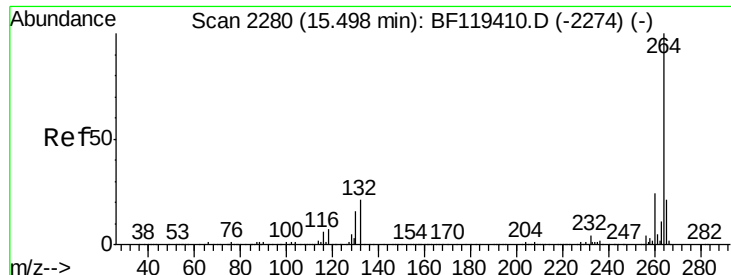
Tot Ion:149 Resp: 1605935
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.619 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:276 Resp: 1318275
Ion Ratio Lower Upper
276 100
138 23.9 19.6 29.4
277 25.1 20.0 30.0

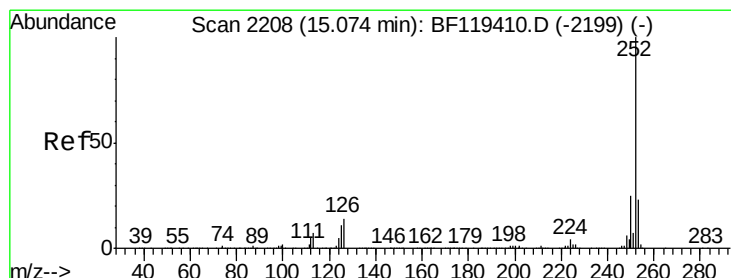
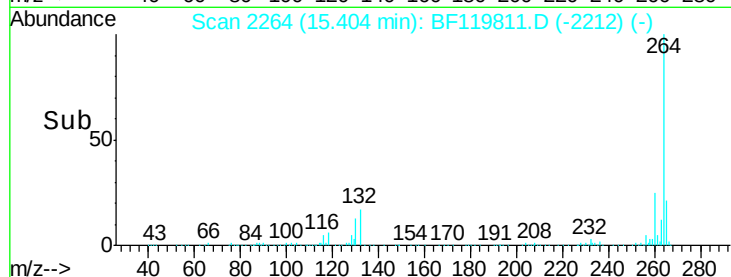
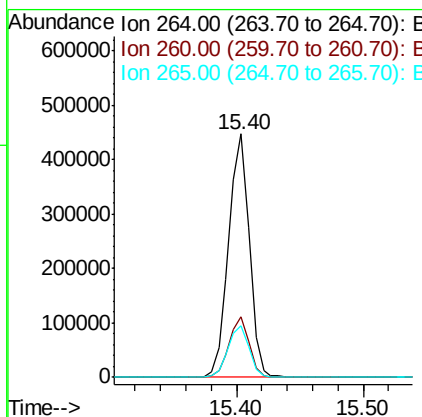
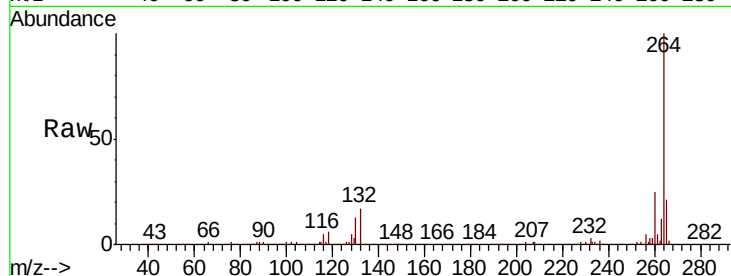




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

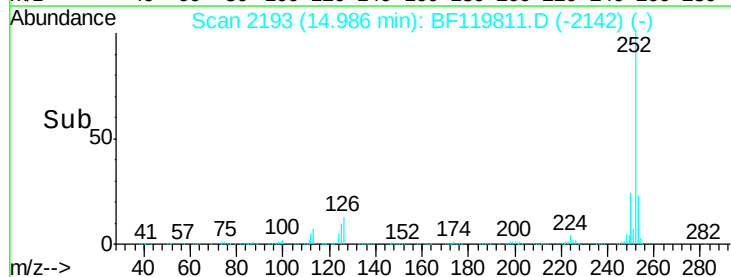
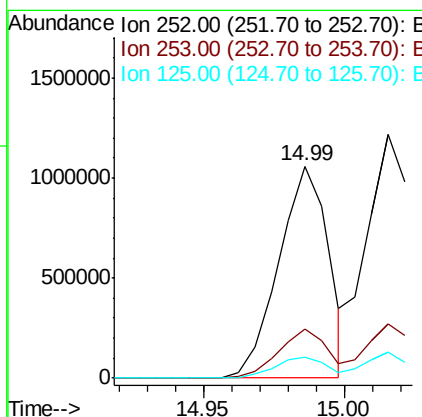
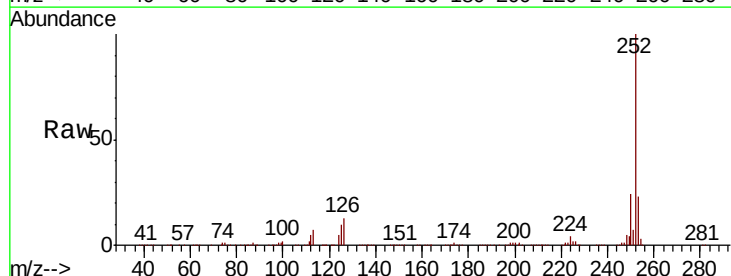
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

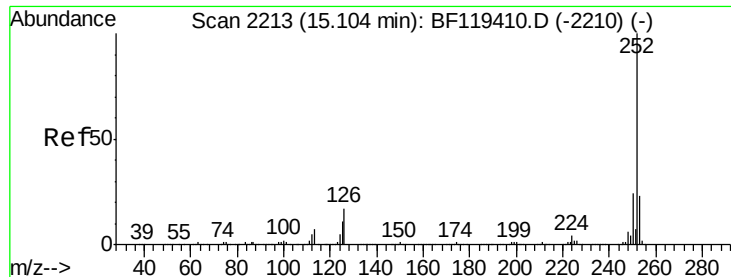
Tot Ion:264 Resp: 504660
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 21.4 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 38.426 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:252 Resp: 1295374
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.9 7.9 11.9

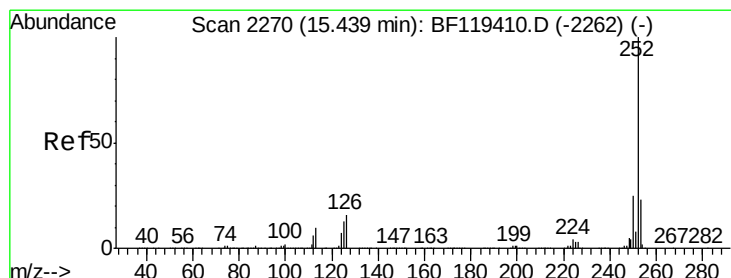
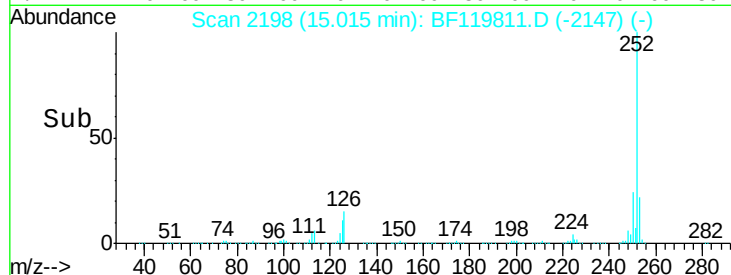
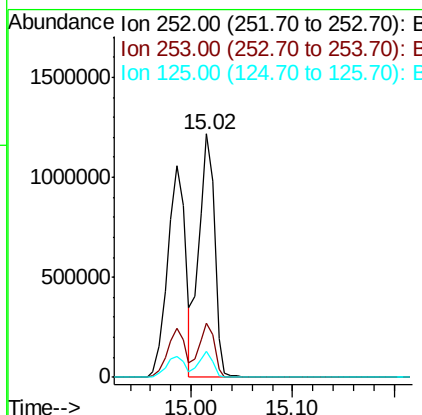
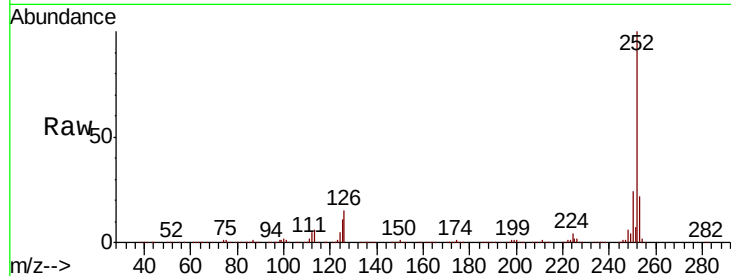




#89
Benzo(k)fluoranthene
Concen: 40.401 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

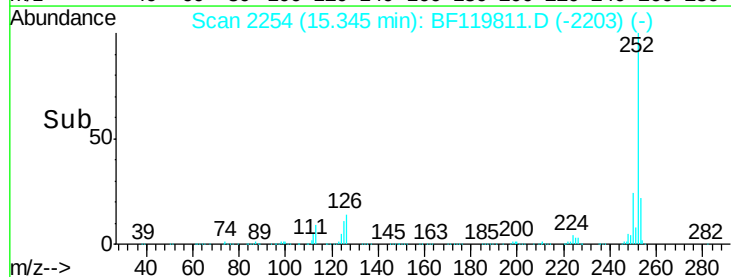
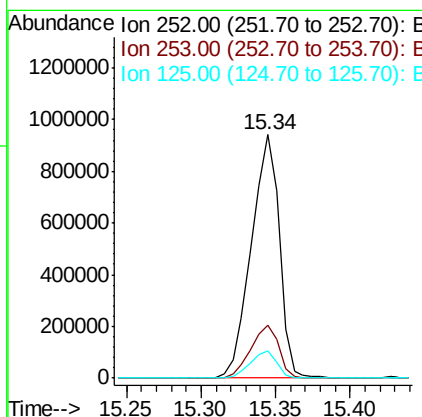
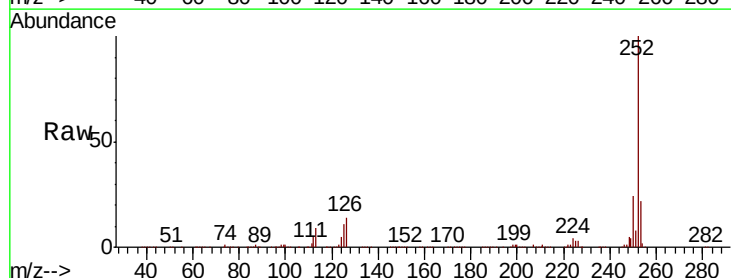
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

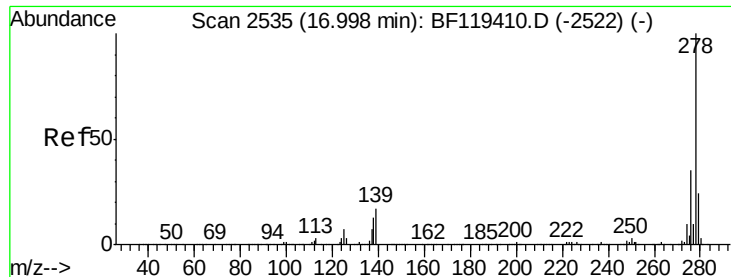
Tot Ion:252 Resp: 1296867
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 39.728 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:252 Resp: 1217125
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.3 9.4 14.2



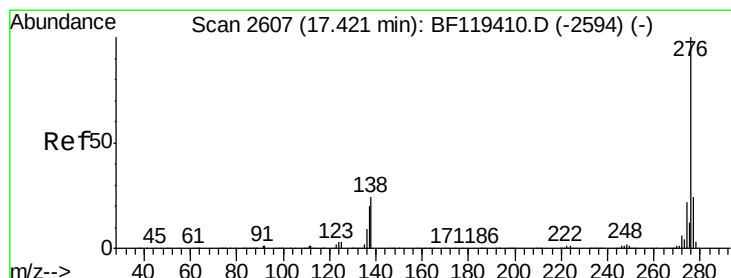
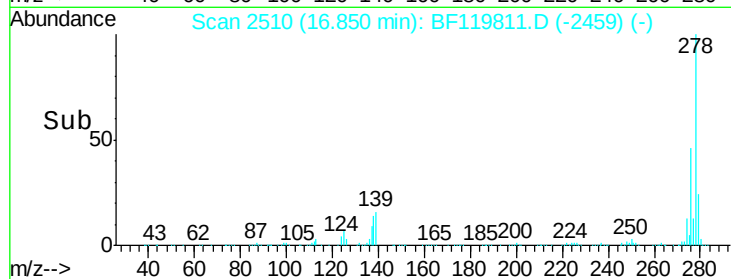
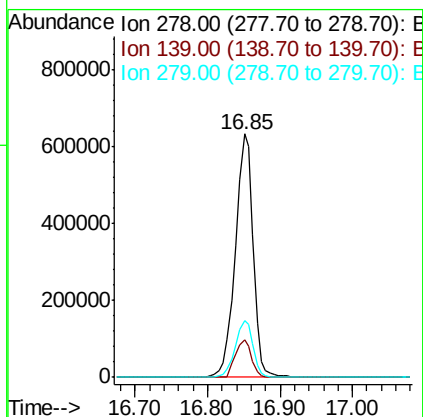
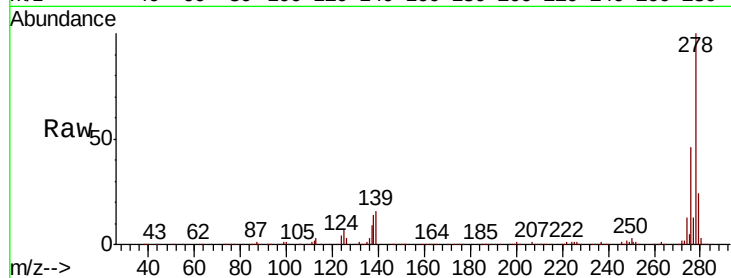


#91
Dibenzo(a,h)anthracene
Concen: 40.465 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1084308

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	19.0
279	23.5	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 39.397 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119811.D
Acq: 7 Apr 2020 10:21

Tgt Ion:276 Resp: 1060592

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	20.5	15.4	23.0

