

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071720\
 Data File : BN011198.D
 Acq On : 17 Jul 2020 09:46
 Operator : CG/JU
 Sample : L3260-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2M77

Quant Time: Jul 17 11:23:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 17 09:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	171542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	710551	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	414784	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	928865	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1133954	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1146192	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	20837	4.64	ng/uL	0.00
5) Phenol-d5	6.69	99	442426	32.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	245081	33.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	371762	31.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	357234	31.76	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	179340	31.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	194057	31.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	384635	32.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	408899	32.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1087035	32.32	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1265706	31.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	181014	30.12	ng/ul	0.00
58) Fluorene-d10	15.12	176	982914	33.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	147187	25.97	ng/ul	0.00
71) Anthracene-d10	16.97	188	1612483	35.66	ng/ul	0.00
79) Pyrene-d10	19.28	212	1980324	35.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2350170	37.84	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.17	88	86324	18.227	ng/uL 95
8) Bis(2-Chloroethyl)ether	6.93	93	469526	42.529	ng/ul 100
10) 2-Chlorophenol	7.06	128	458504	35.456	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.02	45	247251	33.487	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.29	70	190568	19.433	ng/ul# 97
17) Hexachloroethane	8.54	117	161366	28.673	ng/ul 92
20) Nitrobenzene	8.66	77	475700	31.749	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.68	93	418187	26.983	ng/ul 99
27) 2,4-Dichlorophenol	9.89	162	404967	32.670	ng/ul 98
28) Naphthalene	10.29	128	957365	22.984	ng/ul 99
31) Hexachlorobutadiene	10.58	225	173854	20.256	ng/ul 99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	184047	12.958	ng/ul 95
38) Hexachlorocyclopentadiene	12.27	237	212717	24.306	ng/ul 99
39) 2,4,6-Trichlorophenol	12.53	196	432664	47.861	ng/ul 97
40) 2,4,5-Trichlorophenol	12.60	196	271440	26.802	ng/ul 94
42) 2-Chloronaphthalene	12.97	162	696722	24.932	ng/ul 98
45) Dimethylphthalate	13.59	163	1227166	34.534	ng/ul 100
46) 2,6-Dinitrotoluene	13.70	165	122908	17.455	ng/ul 94
48) Acenaphthylene	13.83	152	906649	21.508	ng/ul 99
50) Acenaphthene	14.18	153	552672	18.667	ng/ul 92
54) Dibenzofuran	14.52	168	911312	21.479	ng/ul 97
55) 2,4-Dinitrotoluene	14.50	165	151108	14.705	ng/ul 97
57) Diethylphthalate	14.97	149	871525	24.897	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

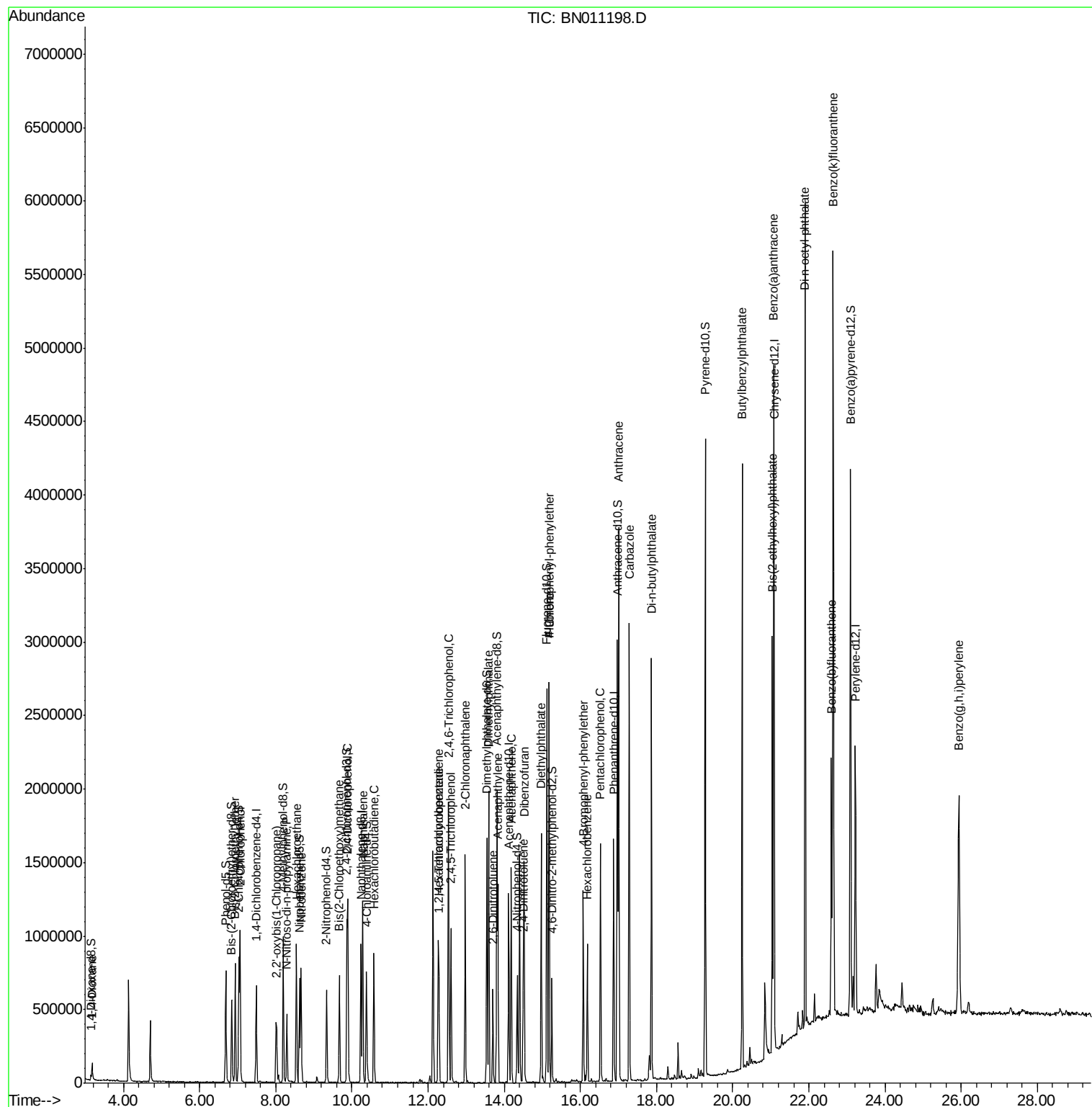
59) Fluorene	15.17	166	776810	21.741	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.18	204	228125	12.766	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	217799	21.323	ng/ul	92
67) Hexachlorobenzene	16.19	284	167591	14.786	ng/ul	97
69) Pentachlorophenol	16.53	266	232882	34.750	ng/ul	94
72) Anthracene	17.00	178	2083812	36.488	ng/ul	98
75) Carbazole	17.28	167	1785919	36.698	ng/ul	99
76) Di-n-butylphthalate	17.87	149	1906574	32.847	ng/ul	98
81) Butylbenzylphthalate	20.25	149	1090190	37.368	ng/ul	95
83) Benzo(a)anthracene	21.07	228	2132406	26.653	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.04	149	967901	20.870	ng/ul	99
87) Di-n-octyl phthalate	21.90	149	3488722	46.793	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1170173	14.891	ng/ul	98
89) Benzo(k)fluoranthene	22.64	252	3116859	39.410	ng/ul	99
94) Benzo(a,h,i)perylene	25.94	276	1636145	24.701	ng/ul	100

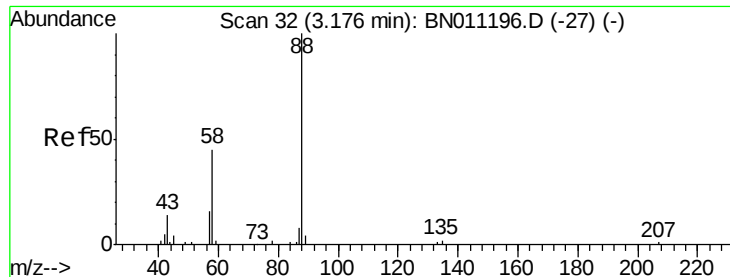
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 18.227 ng/uL

RT: 3.17 min Scan# 31

Delta R.T. -0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampleId :

X2M77

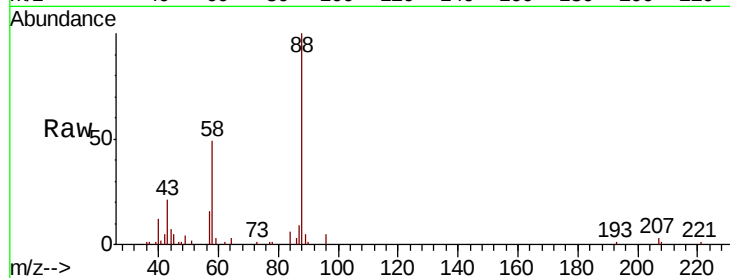
Tot Ion: 88 Resp: 86324

Ion Ratio Lower Upper

88 100

43 20.6 17.7 26.5

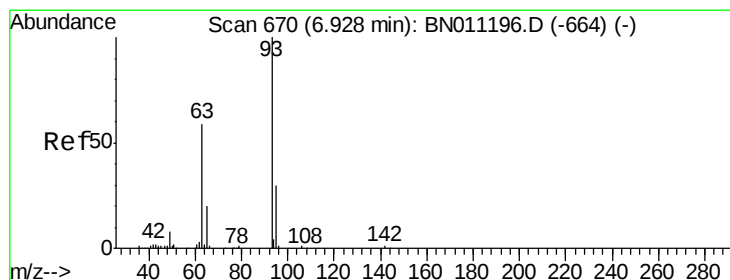
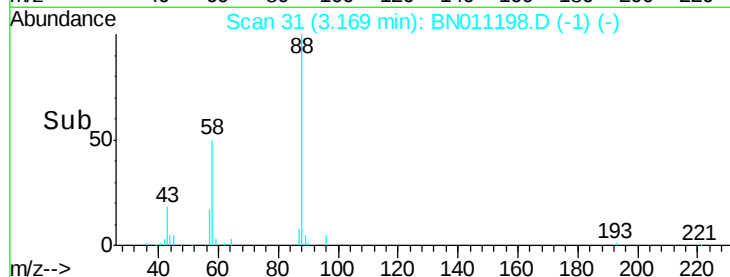
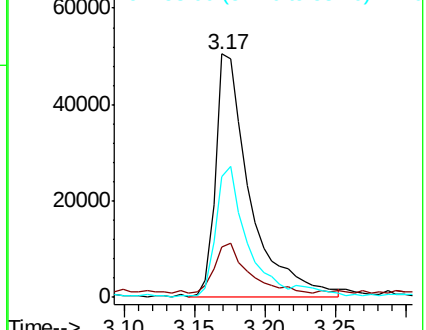
58 49.3 36.6 54.8



Abundance Ion 88.00 (87.70 to 88.70): BN011198.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BN011198.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BN011198.D (-1) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 42.529 ng/uL

RT: 6.93 min Scan# 671

Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

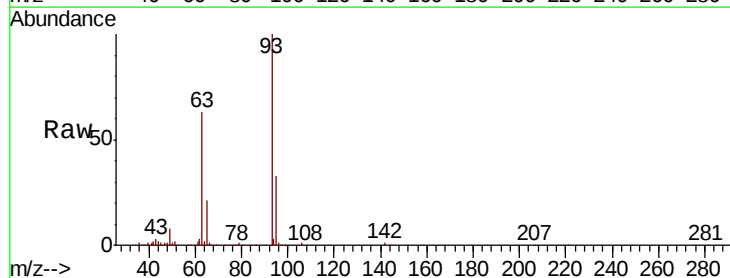
Tgt Ion: 93 Resp: 469526

Ion Ratio Lower Upper

93 100

63 63.1 50.5 75.7

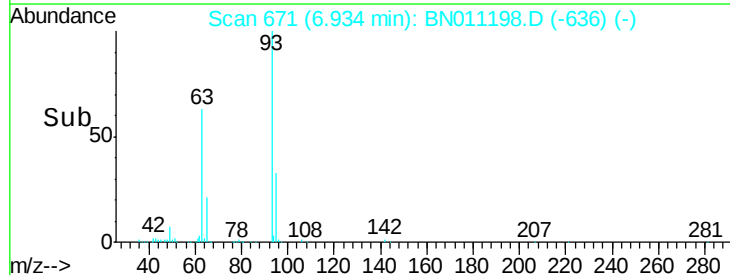
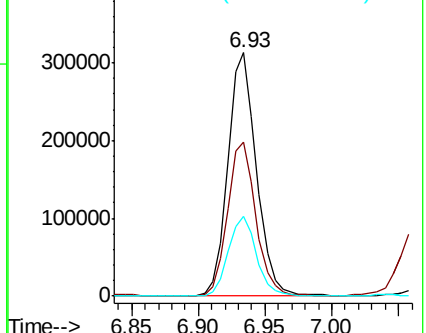
95 32.9 26.6 39.8

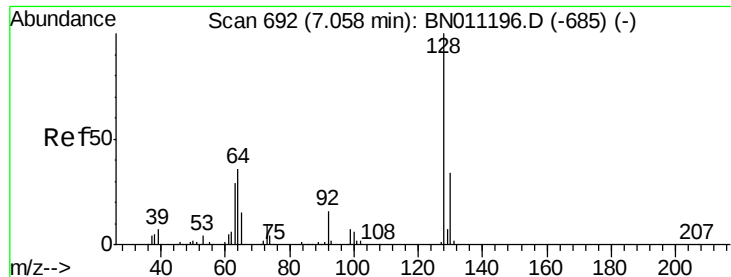


Abundance Ion 93.00 (92.70 to 93.70): BN011198.D (-636) (-)

Ion 63.00 (62.70 to 63.70): BN011198.D (-636) (-)

Ion 95.00 (94.70 to 95.70): BN011198.D (-636) (-)

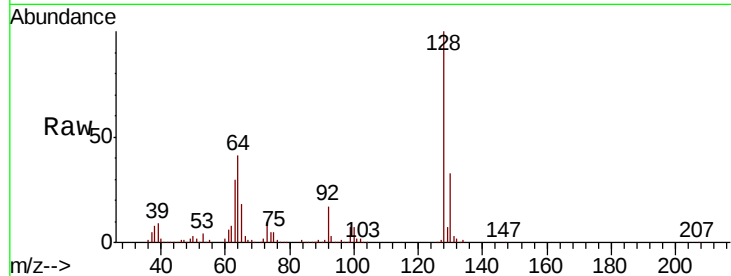




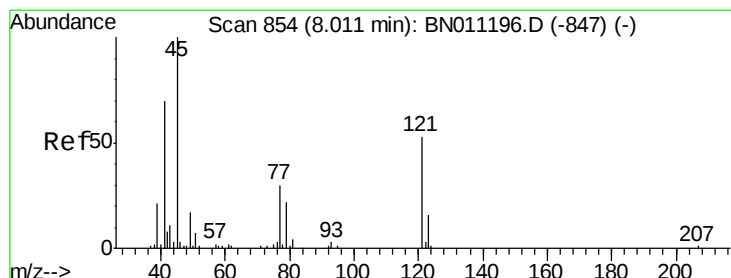
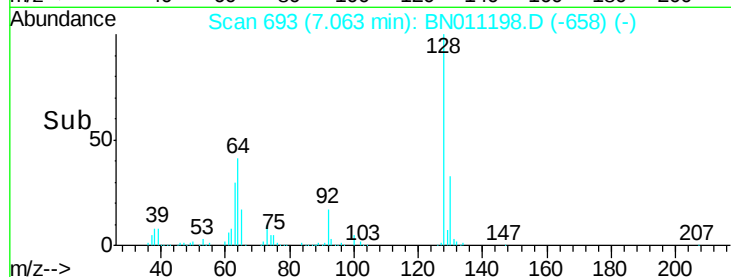
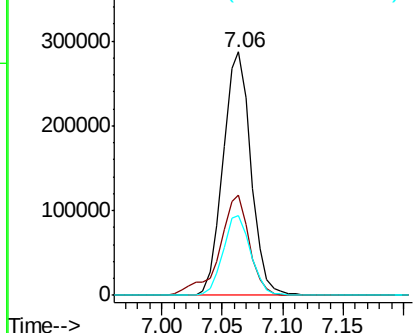
#10
2-Chlorophenol
Concen: 35.456 ng/ul
RT: 7.06 min Scan# 693
Delta R.T. 0.01 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Instrument :
BNA_N
ClientSampleId :
X2M77

Tot Ion	Ratio	Lower	Upper
128	100		
64	41.0	33.8	50.6
130	32.6	28.0	42.0

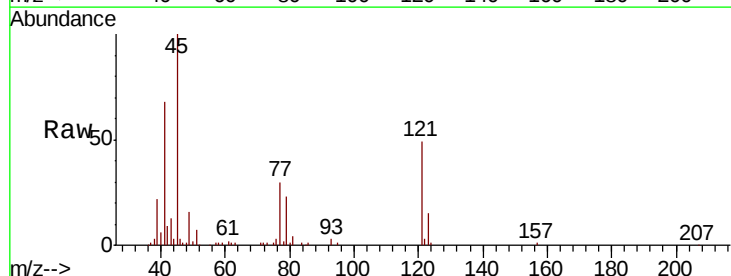


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 130.00 (129.70 to 130.70): E

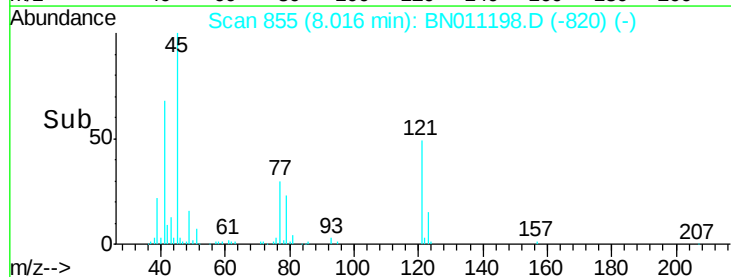
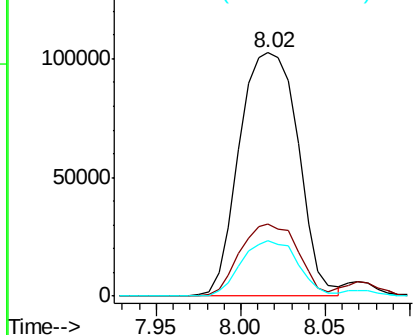


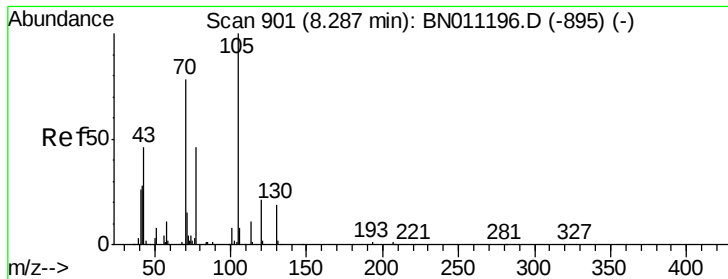
#12
2,2'-oxybis(1-chloropropane)
Concen: 33.487 ng/ul
RT: 8.02 min Scan# 855
Delta R.T. 0.01 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.6	24.1	36.1
79	22.8	17.8	26.6



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





#15

N-Nitroso-di-n-propylamine

Concen: 19.433 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampleId :

X2M77

Tot Ion: 70 Resp: 190568

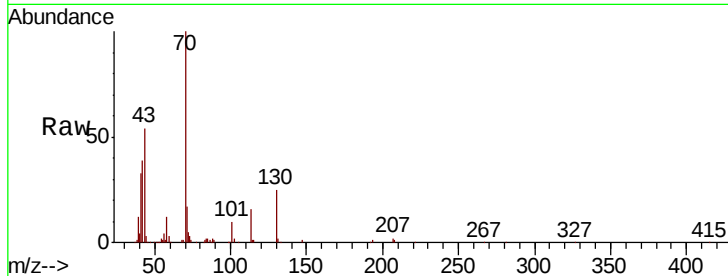
Ion Ratio Lower Upper

70 100

42 39.3 31.1 46.7

101 10.2 8.0 12.0

130 25.2 16.8 25.2#



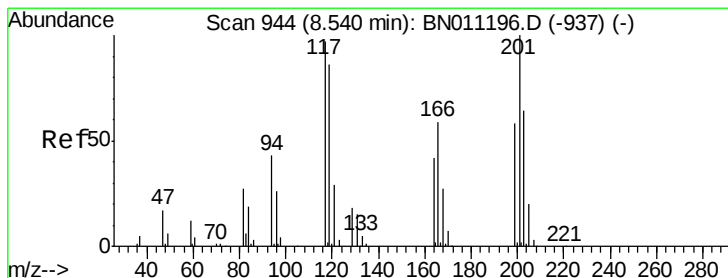
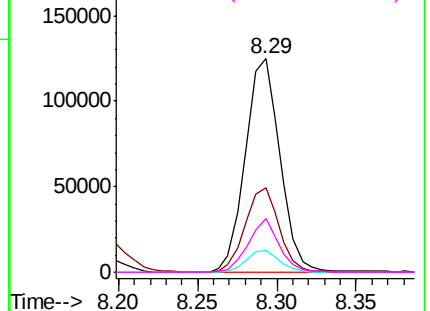
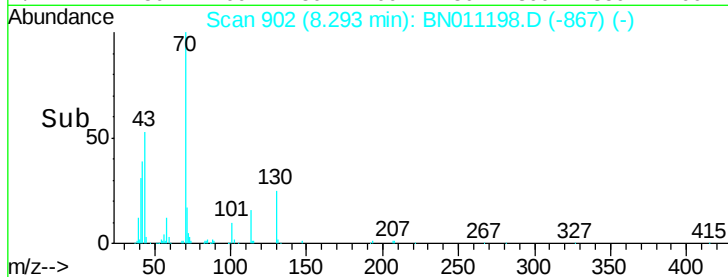
Abundance

Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 28.673 ng/ul

RT: 8.54 min Scan# 944

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

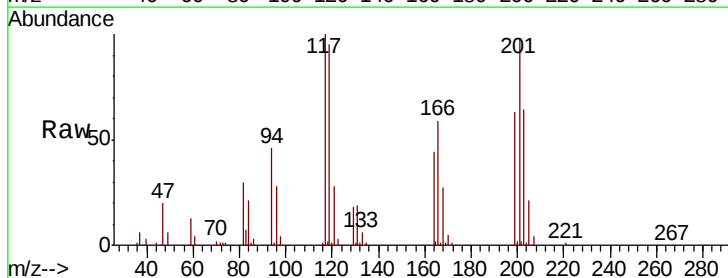
Tgt Ion: 117 Resp: 161366

Ion Ratio Lower Upper

117 100

201 97.8 83.4 125.2

199 62.6 57.4 86.2

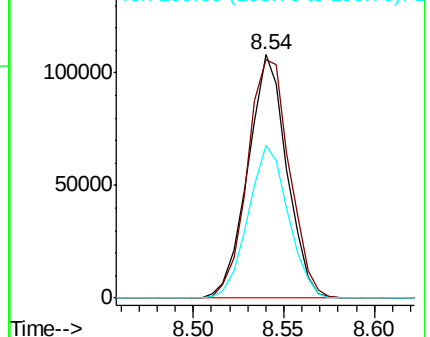
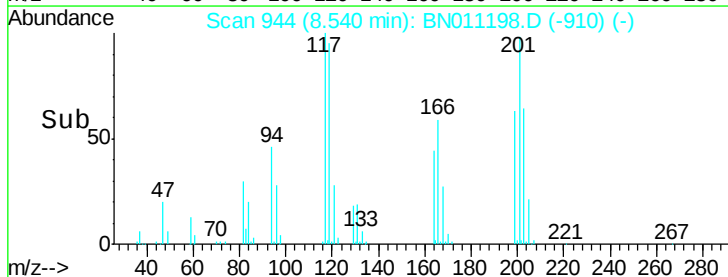


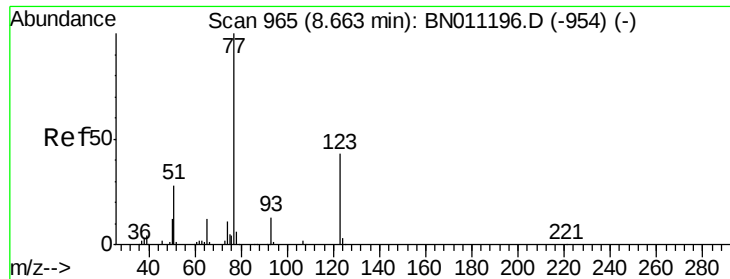
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

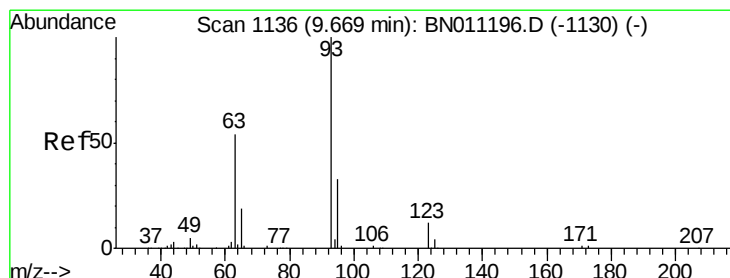
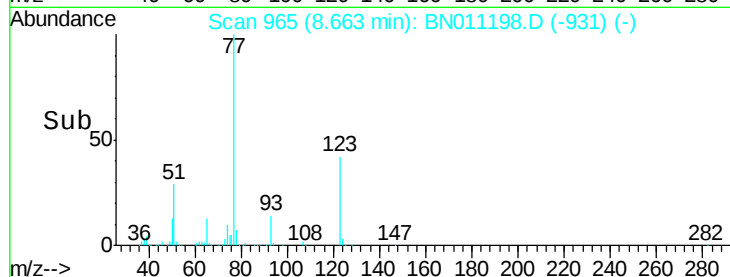
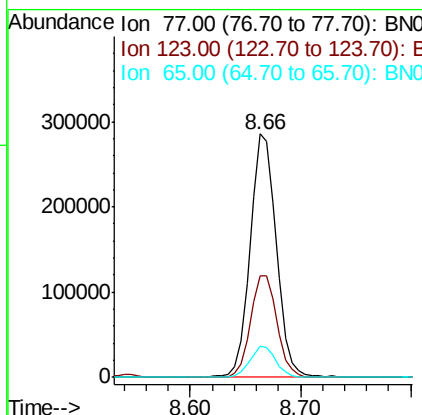
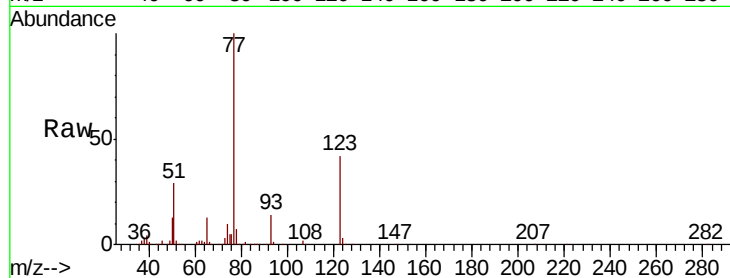




#20
Nitrobenzene
Concen: 31.749 ng/ul
RT: 8.66 min Scan# 965
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

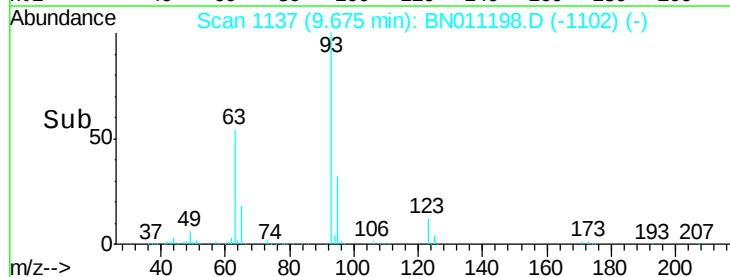
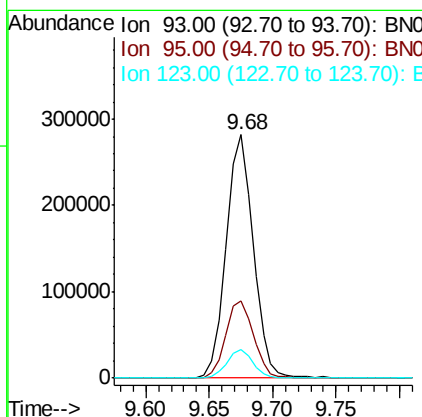
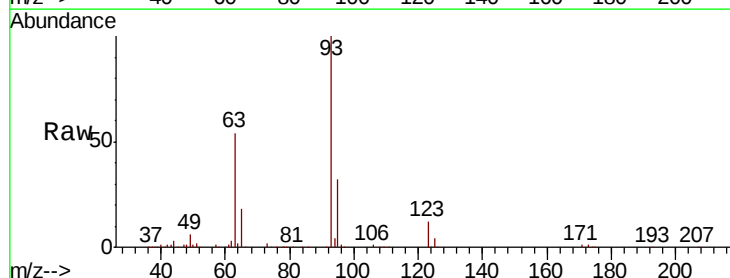
Instrument :
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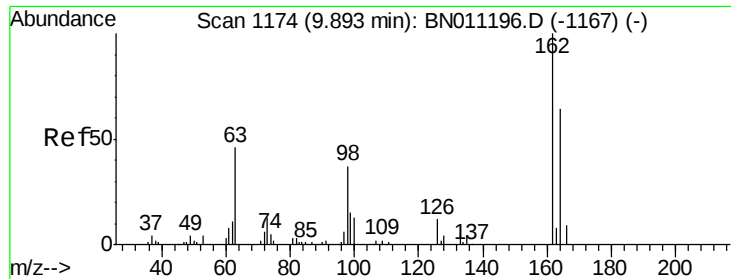
Tot Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.7	50.5
65	12.9	10.0	15.0



#25
Bis(2-Chloroethoxy)methane
Concen: 26.983 ng/ul
RT: 9.68 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.7	37.1
123	11.9	9.4	14.0





#27

2,4-Dichlorophenol

Concen: 32.670 ng/ul

RT: 9.89 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampleId :

X2M77

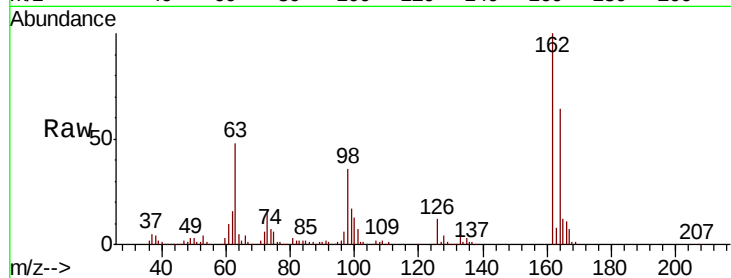
Tot Ion:162 Resp: 404967

Ion Ratio Lower Upper

162 100

164 64.4 53.5 80.3

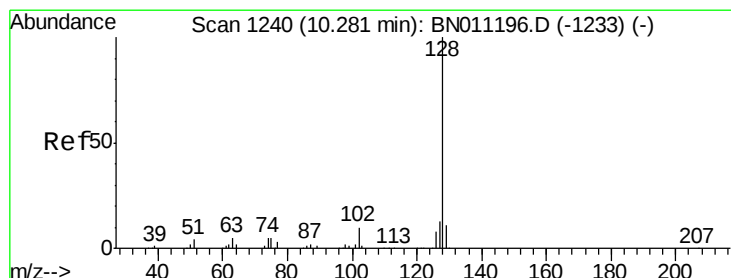
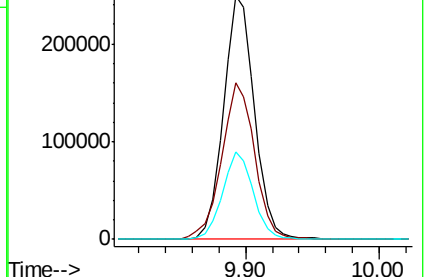
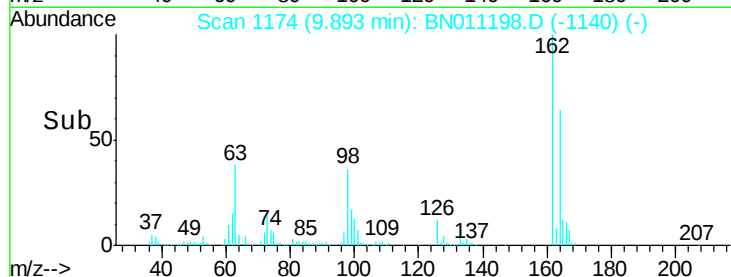
98 35.8 28.5 42.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 22.984 ng/ul

RT: 10.29 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

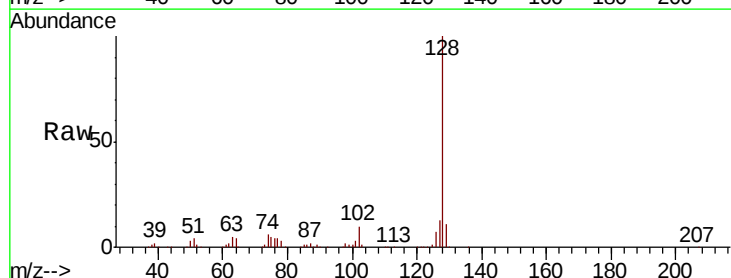
Tgt Ion:128 Resp: 957365

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

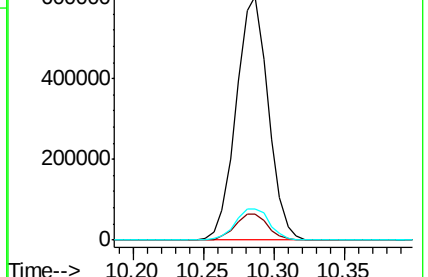
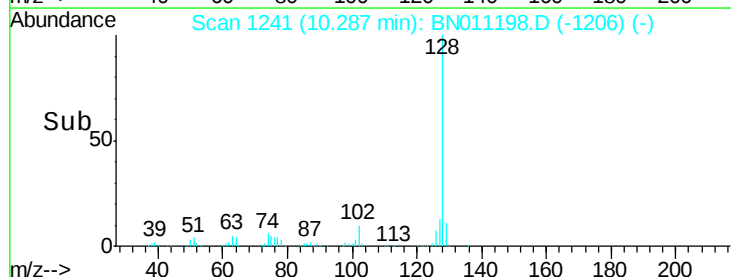
127 12.9 10.1 15.1

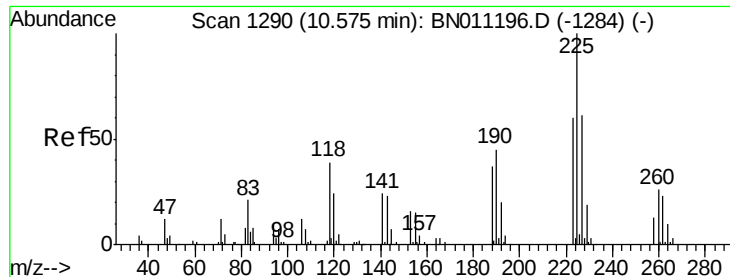


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#31

Hexachlorobutadiene

Concen: 20.256 ng/ul

RT: 10.58 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampled :

X2M77

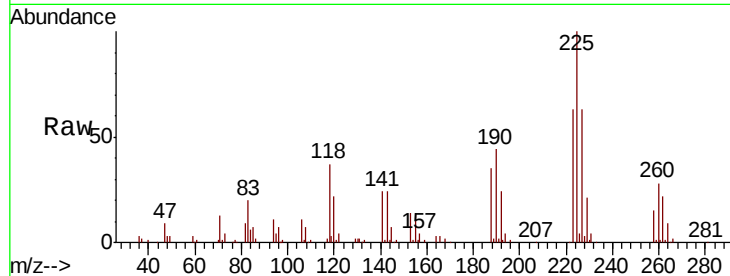
Tot Ion:225 Resp: 173854

Ion Ratio Lower Upper

225 100

223 62.8 49.4 74.0

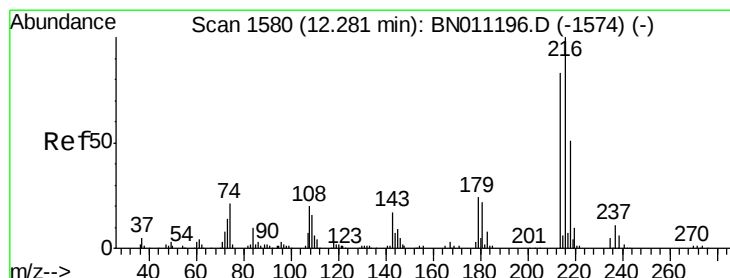
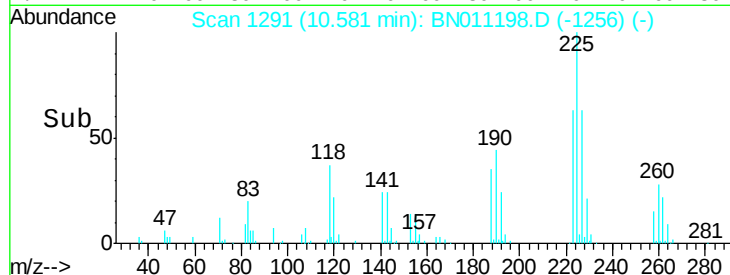
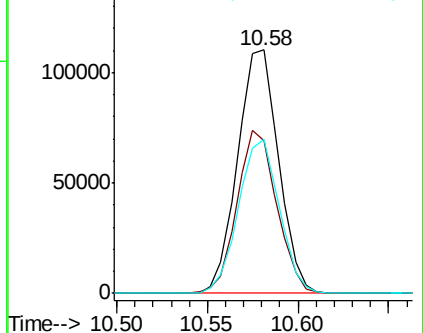
227 63.4 49.8 74.8



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 12.958 ng/ul

RT: 12.29 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Tgt Ion:216 Resp: 184047

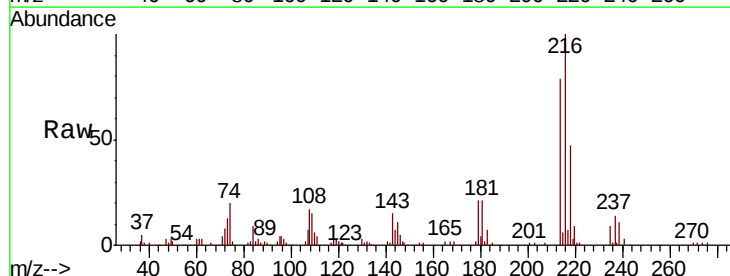
Ion Ratio Lower Upper

216 100

214 79.1 66.8 100.2

179 20.6 19.0 28.4

108 16.6 15.1 22.7

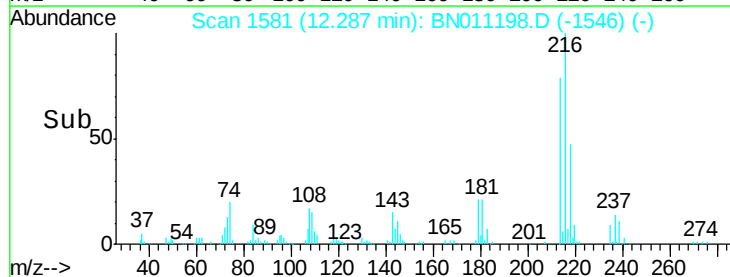
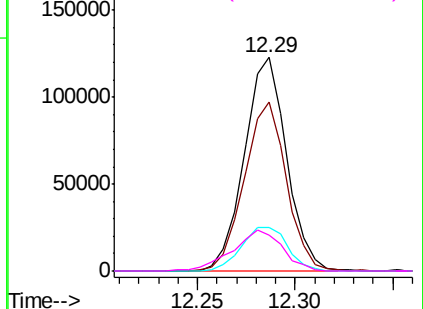


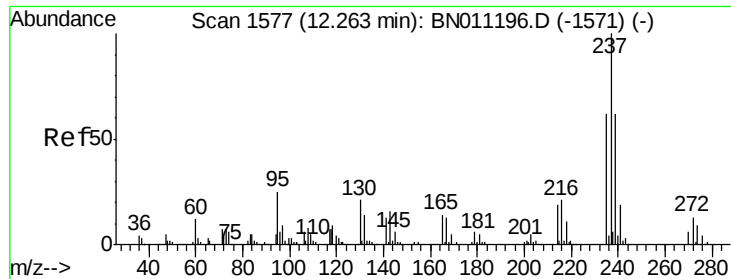
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

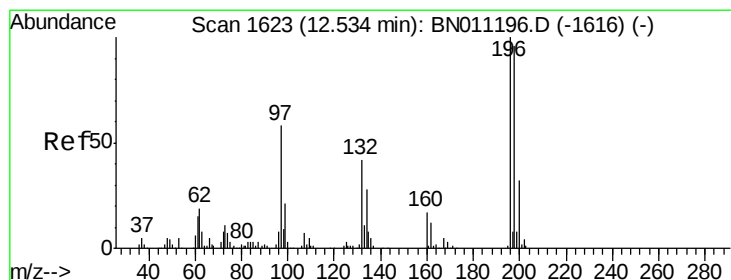
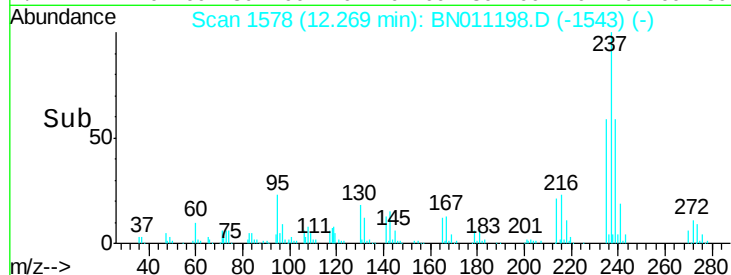
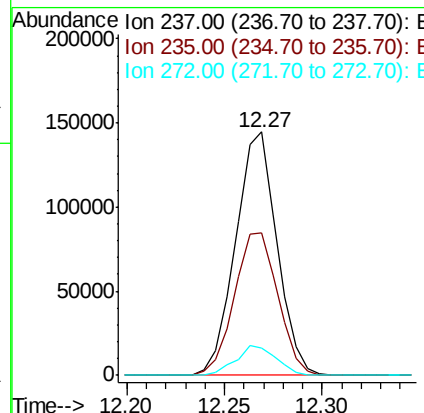
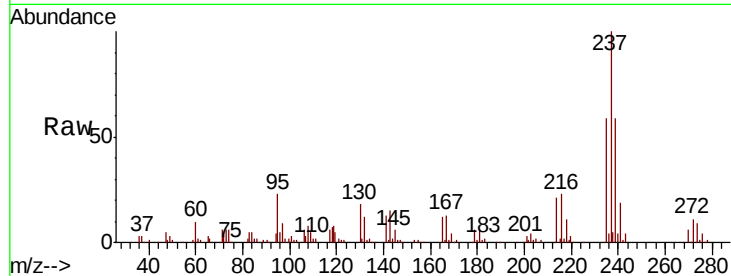




#38
Hexachlorocyclopentadiene
Concen: 24.306 ng/ul
RT: 12.27 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

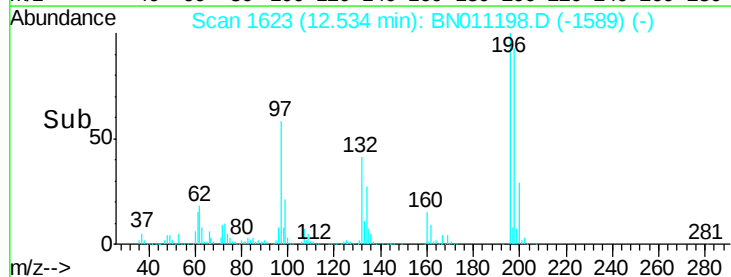
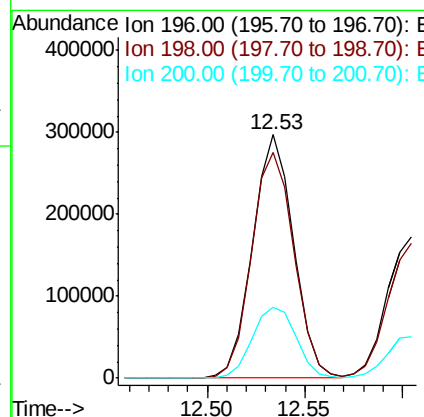
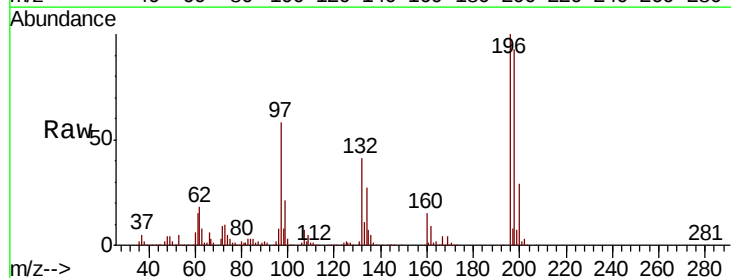
Instrument :
BNA_N
ClientSampleId :
X2M77

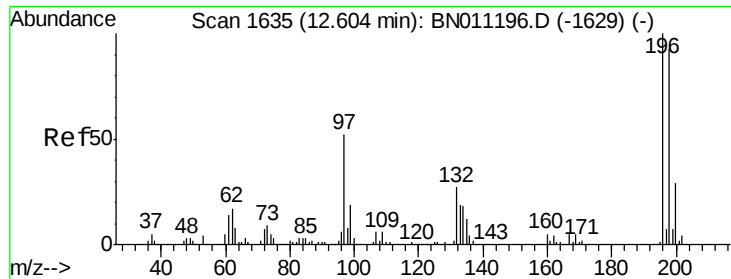
Tot Ion:237 Resp: 212717
Ion Ratio Lower Upper
237 100
235 58.6 47.3 70.9
272 11.2 9.8 14.6



#39
2,4,6-Trichlorophenol
Concen: 47.861 ng/ul
RT: 12.53 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion:196 Resp: 432664
Ion Ratio Lower Upper
196 100
198 92.7 75.7 113.5
200 29.0 25.5 38.3

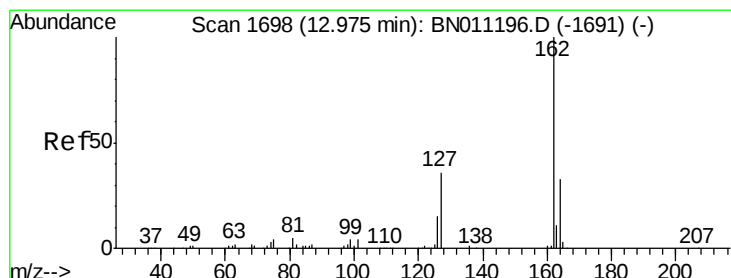
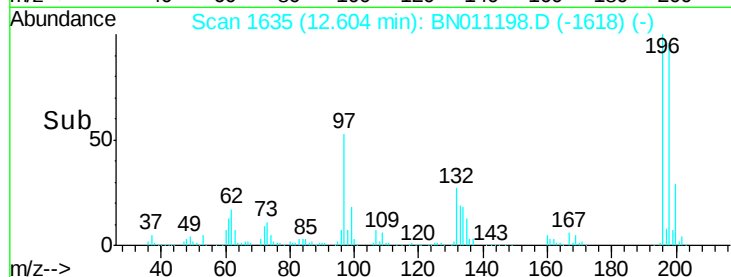
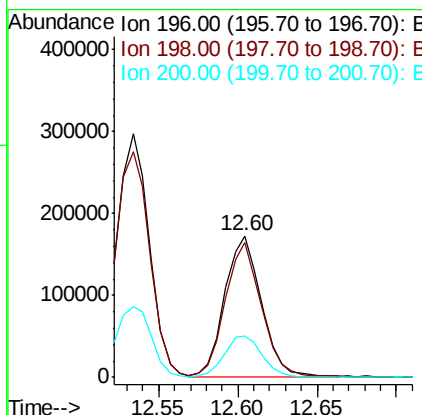
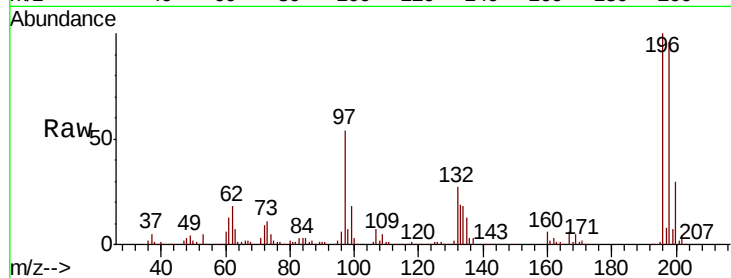




#40
 2,4,5-Trichlorophenol
 Concen: 26.802 ng/uL
 RT: 12.60 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BN011198.D
 Acq: 17 Jul 2020 09:46

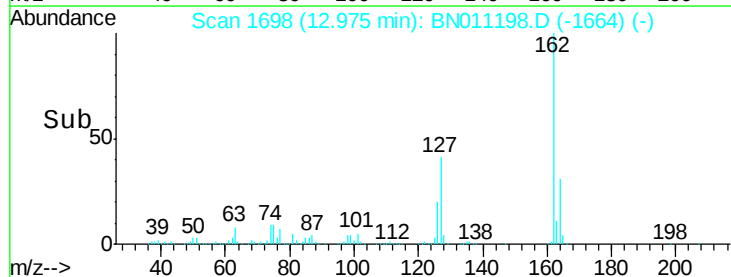
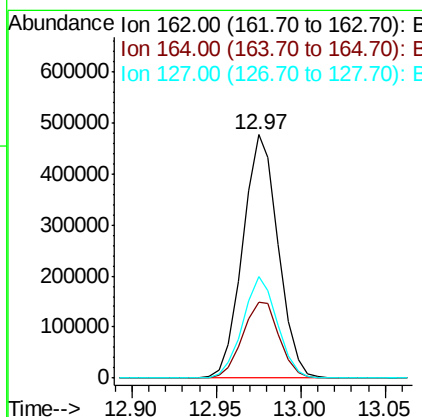
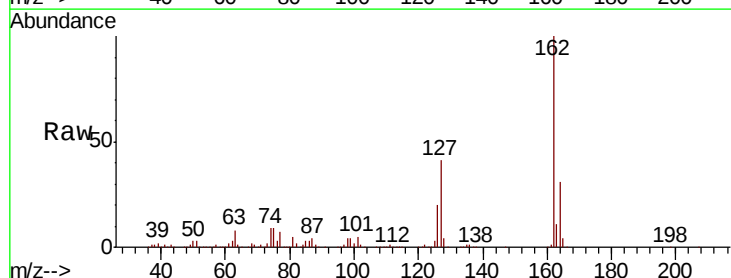
Instrument :
 BNA_N
 ClientSampleId :
 X2M77

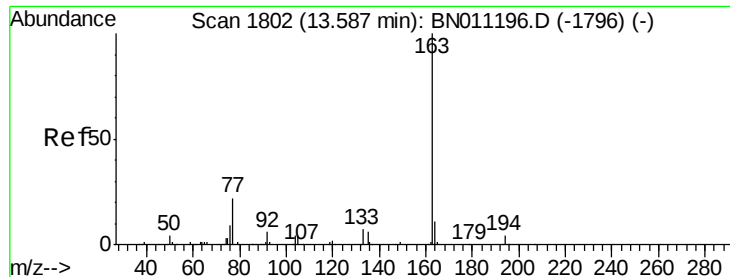
Tot Ion:196 Resp: 271440
 Ion Ratio Lower Upper
 196 100
 198 95.9 71.5 107.3
 200 29.6 24.8 37.2



#42
 2-Chloronaphthalene
 Concen: 24.932 ng/uL
 RT: 12.97 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BN011198.D
 Acq: 17 Jul 2020 09:46

Tgt Ion:162 Resp: 696722
 Ion Ratio Lower Upper
 162 100
 164 31.4 26.1 39.1
 127 41.5 31.9 47.9





#45

Dimethylphthalate

Concen: 34.534 ng/ul

RT: 13.59 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampleId :

X2M77

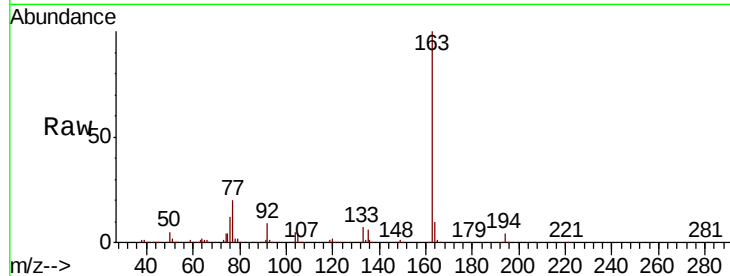
Tot Ion:163 Resp: 1227166

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

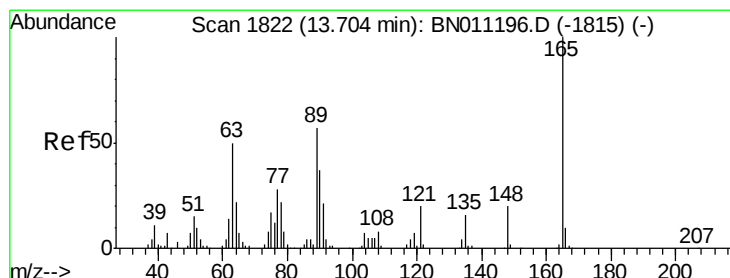
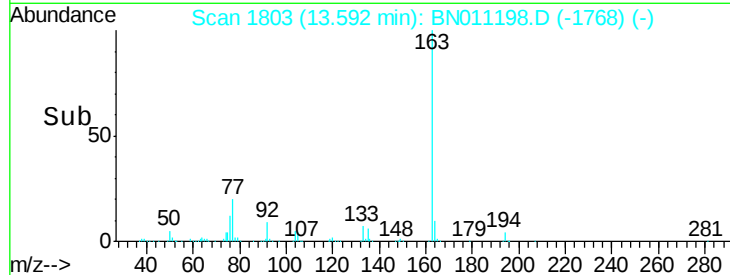
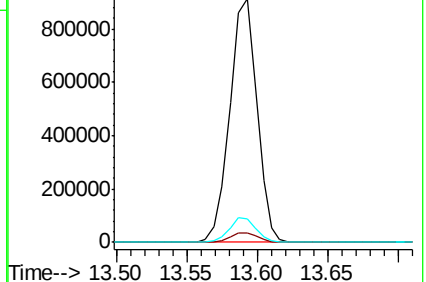
164 9.6 7.8 11.8



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



#46

2,6-Dinitrotoluene

Concen: 17.455 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

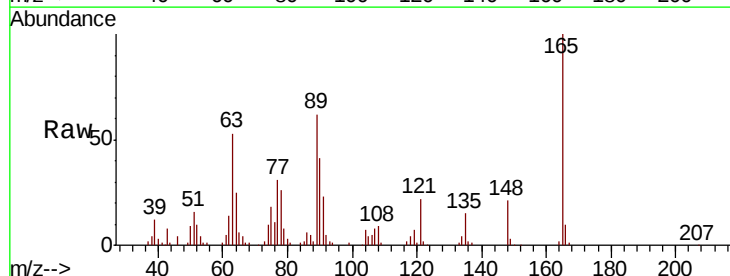
Tgt Ion:165 Resp: 122908

Ion Ratio Lower Upper

165 100

89 62.3 46.2 69.4

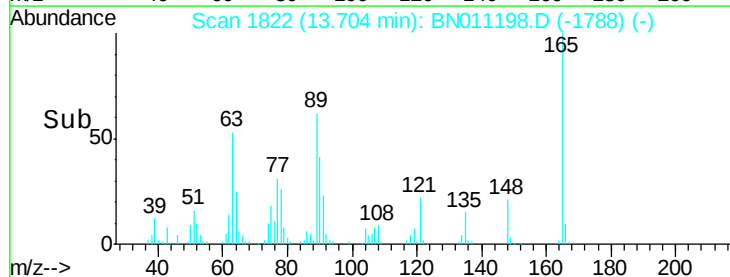
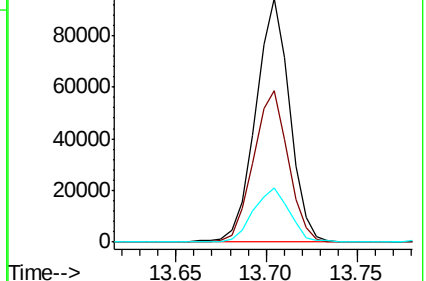
121 22.5 16.3 24.5

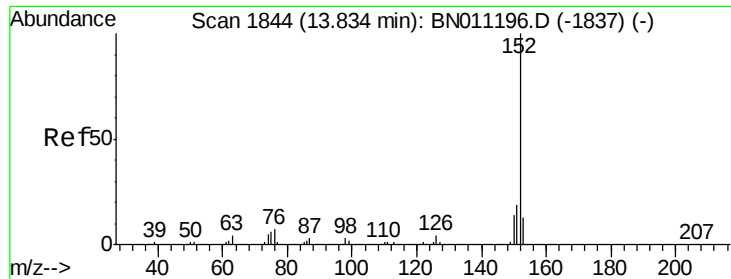


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 21.508 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampleId :

X2M77

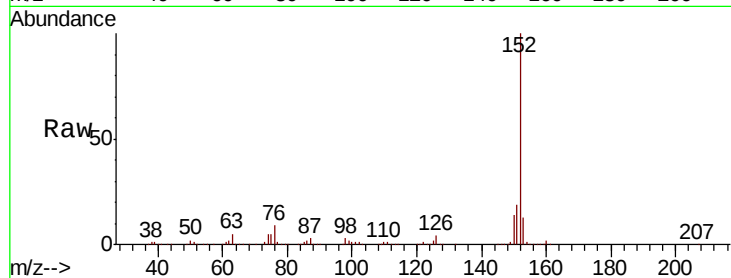
Tot Ion:152 Resp: 906649

Ion Ratio Lower Upper

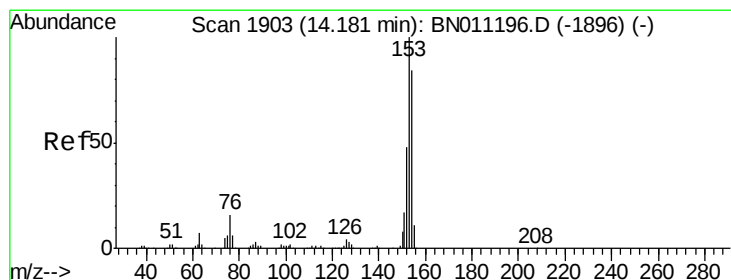
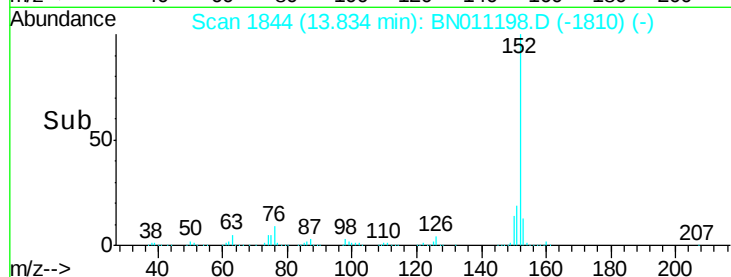
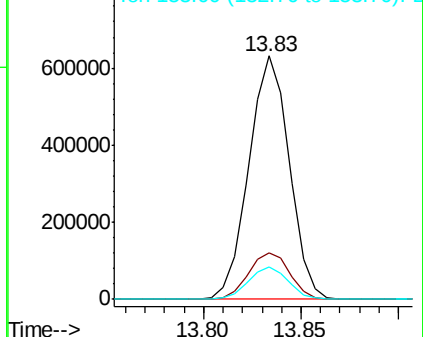
152 100

151 19.0 15.3 22.9

153 13.4 11.1 16.7



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

Acenaphthene

Concen: 18.667 ng/ul

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

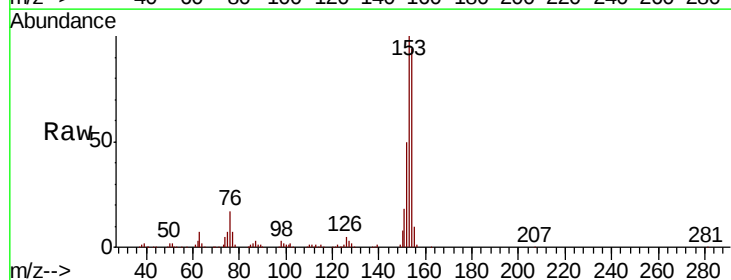
Tgt Ion:153 Resp: 552672

Ion Ratio Lower Upper

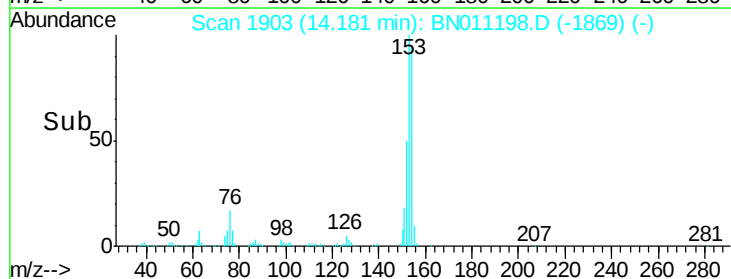
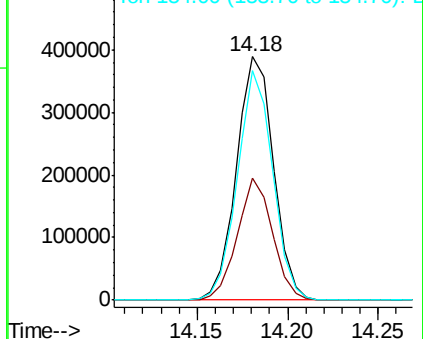
153 100

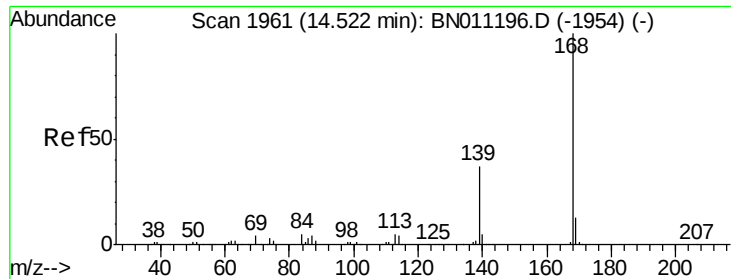
152 50.1 39.3 58.9

154 94.1 66.5 99.7



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

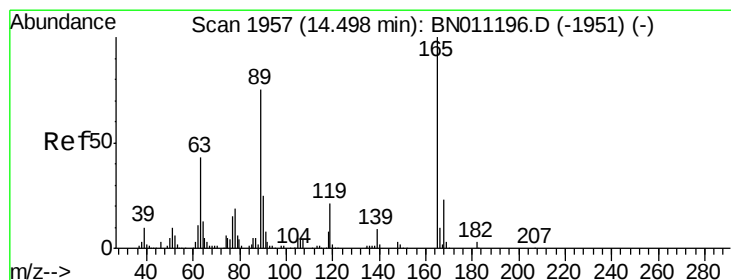
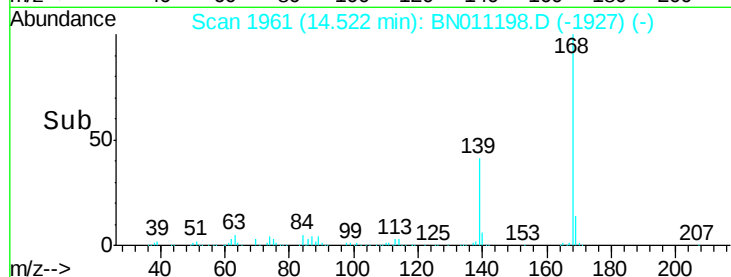
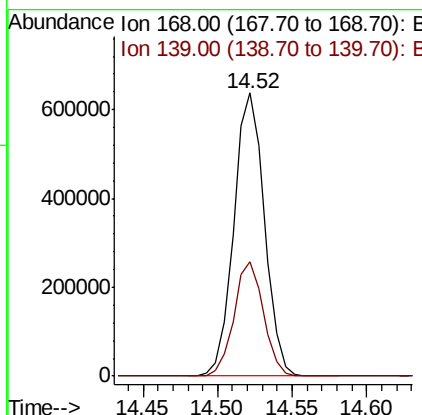
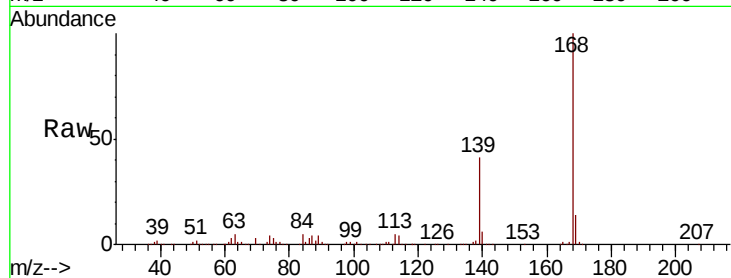




#54
Dibenzofuran
Concen: 21.479 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

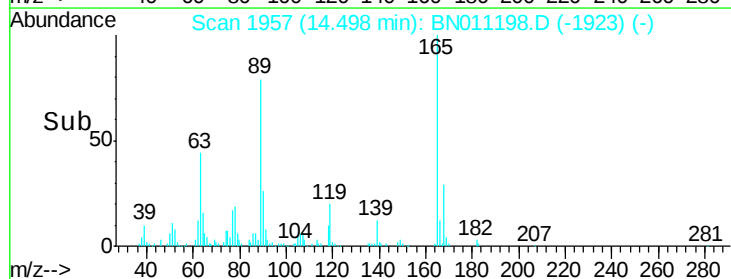
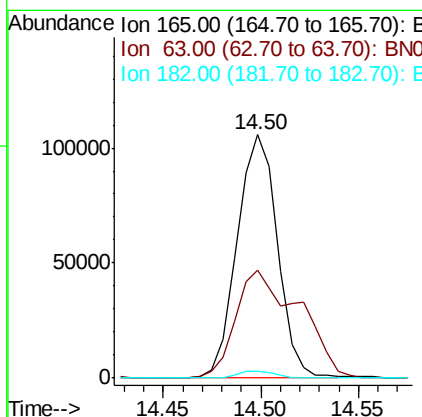
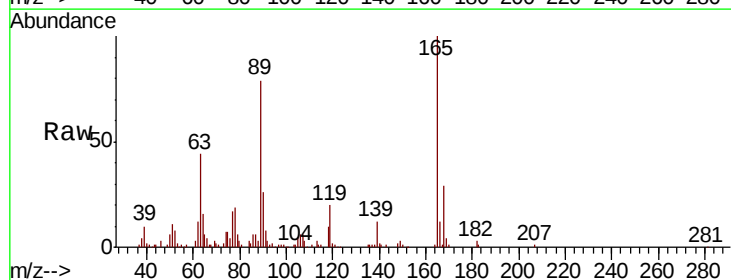
Instrument :
BNA_N
ClientSampleId :
X2M77

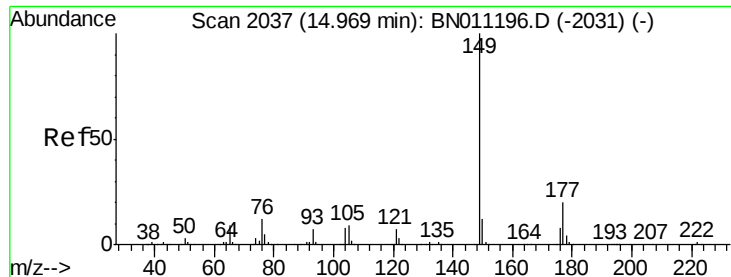
Tot Ion:168 Resp: 911312
Ion Ratio Lower Upper
168 100
139 40.6 30.8 46.2



#55
2,4-Dinitrotoluene
Concen: 14.705 ng/ul
RT: 14.50 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion:165 Resp: 151108
Ion Ratio Lower Upper
165 100
63 44.4 33.8 50.8
182 2.8 2.0 3.0

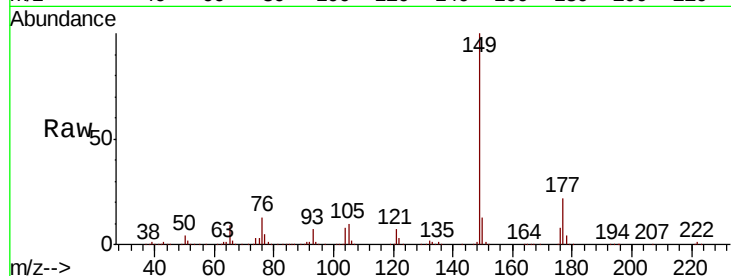




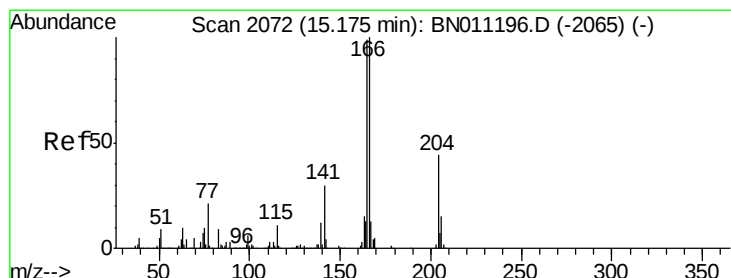
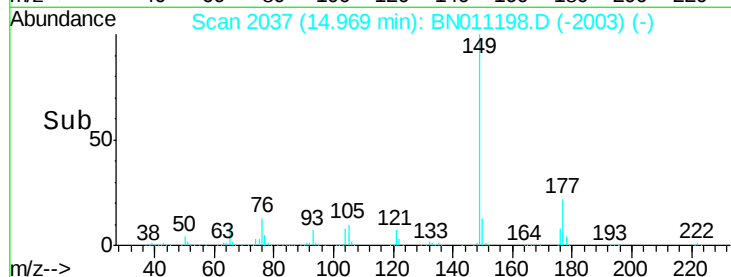
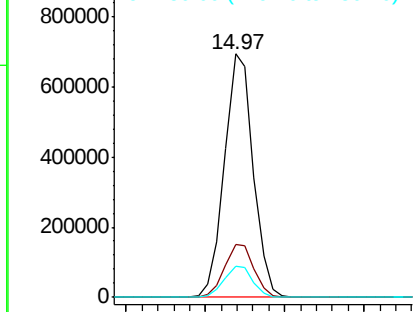
#57
Diethylphthalate
Concen: 24.897 ng/ul
RT: 14.97 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Instrument :
BNA_N
ClientSampled :
X2M77

Tot Ion:149 Resp: 871525
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.7 10.3 15.5

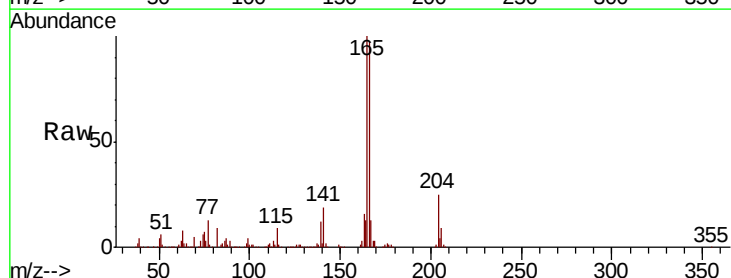


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

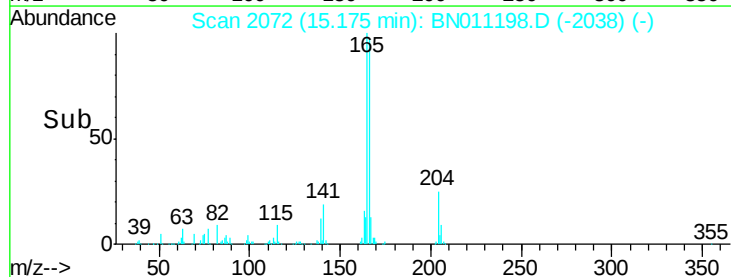
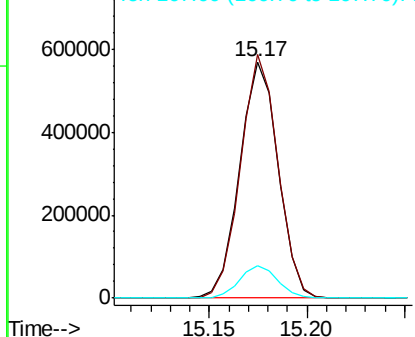


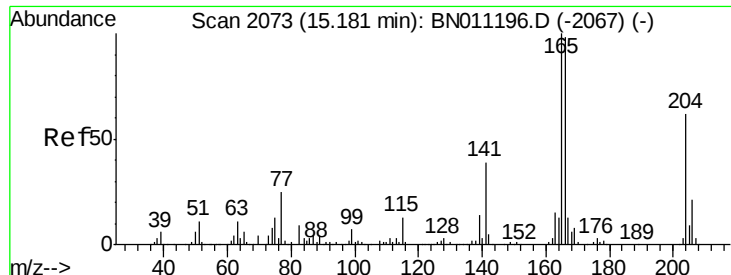
#59
Fluorene
Concen: 21.741 ng/ul
RT: 15.17 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion:166 Resp: 776810
Ion Ratio Lower Upper
166 100
165 103.1 78.2 117.4
167 13.9 10.4 15.6



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

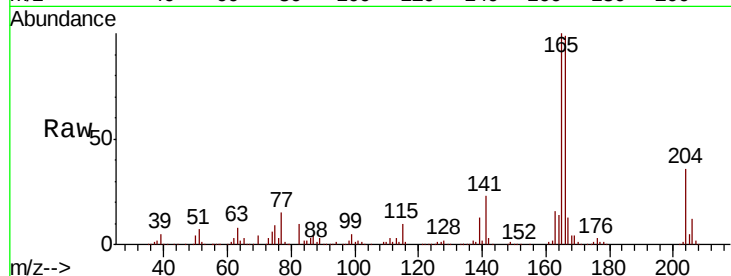




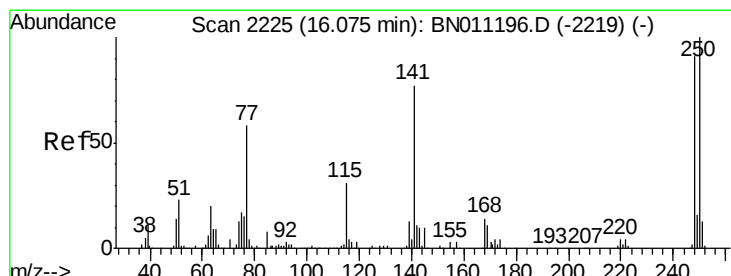
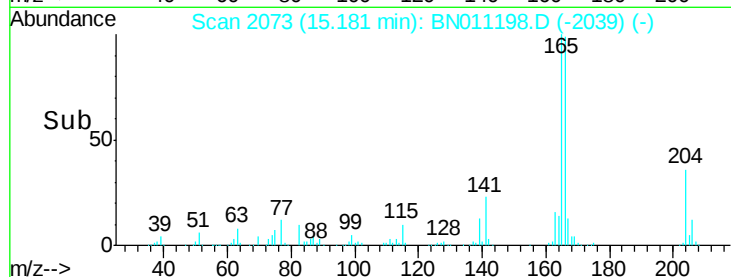
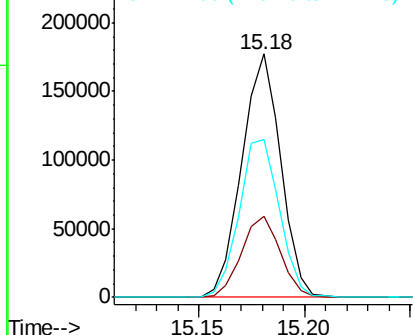
#60
4-Chlorophenyl-phenylether
Concen: 12.766 ng/ul
RT: 15.18 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Instrument :
BNA_N
ClientSampleId :
X2M77

Tot Ion:204 Resp: 228125
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 64.6 51.6 77.4

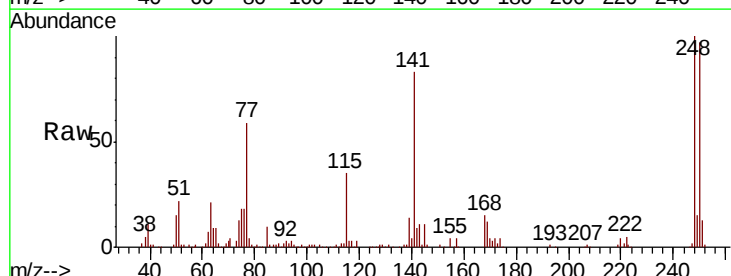


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

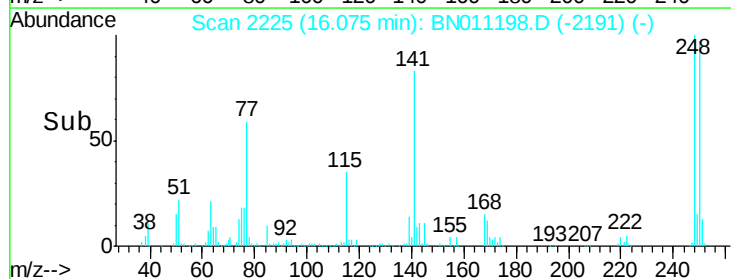
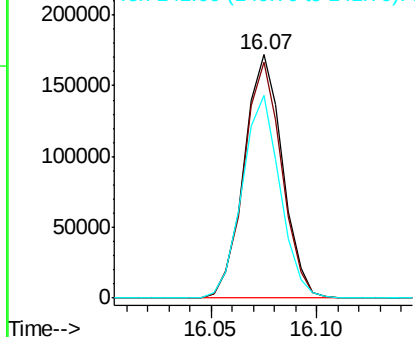


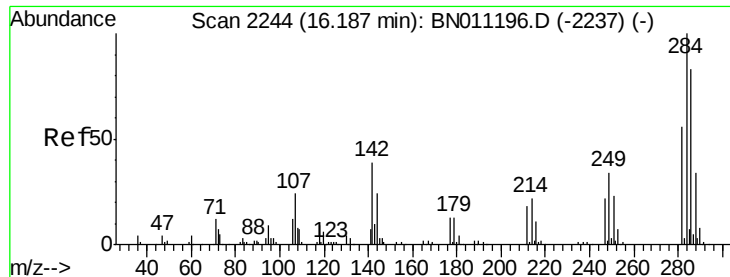
#66
4-Bromophenyl-phenylether
Concen: 21.323 ng/ul
RT: 16.07 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion:248 Resp: 217799
Ion Ratio Lower Upper
248 100
250 96.9 75.8 113.6
141 83.0 55.8 83.6



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

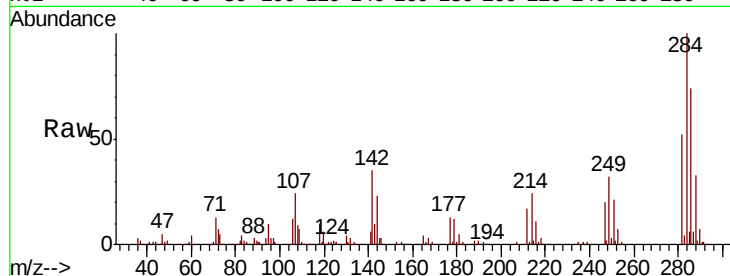




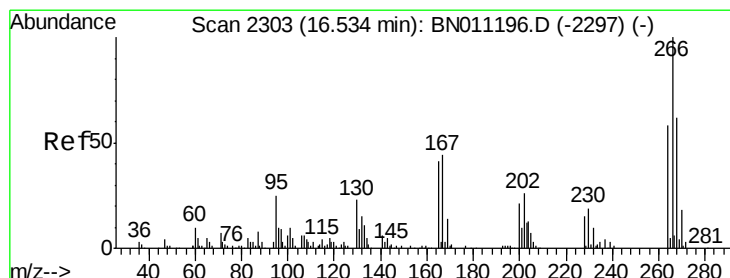
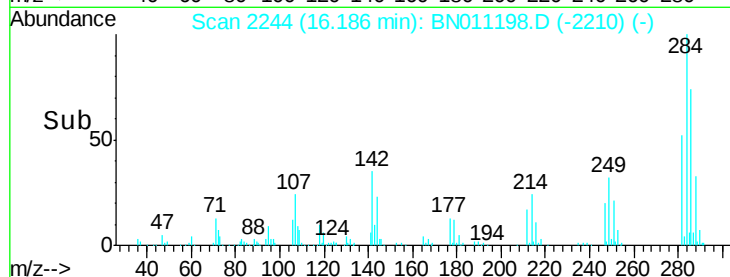
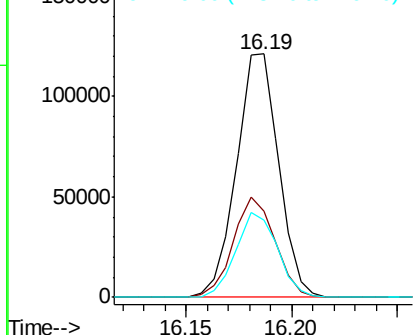
#67
Hexachlorobenzene
Concen: 14.786 ng/ul
RT: 16.19 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Instrument :
BNA_N
ClientSampleId :
X2M77

Tot Ion:284 Resp: 167591
Ion Ratio Lower Upper
284 100
142 35.4 30.6 45.8
249 31.6 25.8 38.6

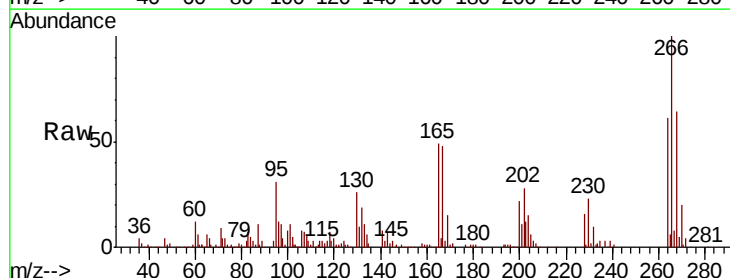


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

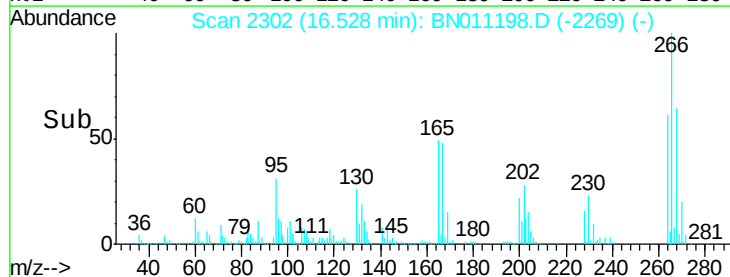
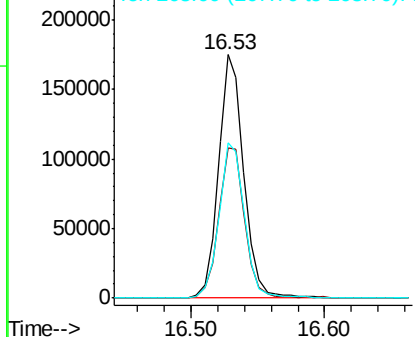


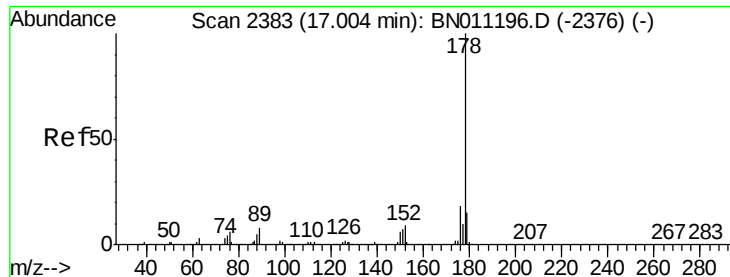
#69
Pentachlorophenol
Concen: 34.750 ng/ul
RT: 16.53 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion:266 Resp: 232882
Ion Ratio Lower Upper
266 100
264 61.5 44.3 66.5
268 63.8 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#72

Anthracene

Concen: 36.488 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampleId :

X2M77

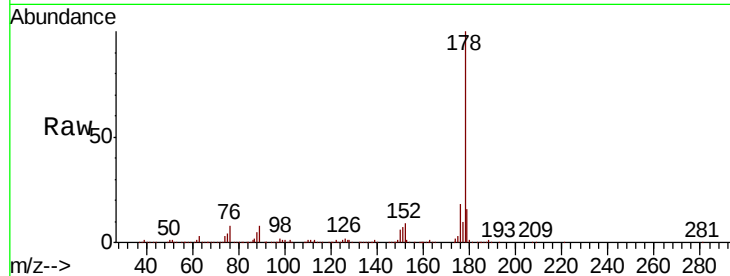
Tot Ion:178 Resp: 2083812

Ion Ratio Lower Upper

178 100

179 15.8 11.7 17.5

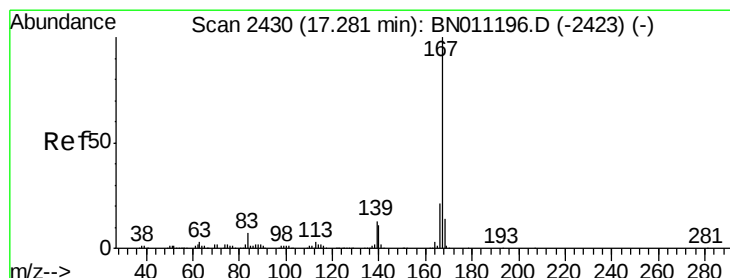
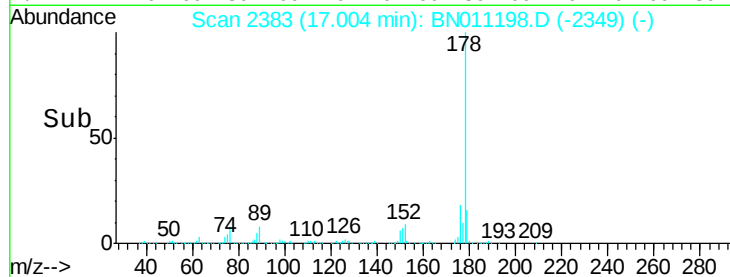
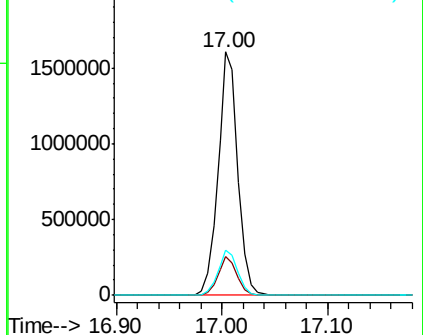
176 18.5 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 36.698 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

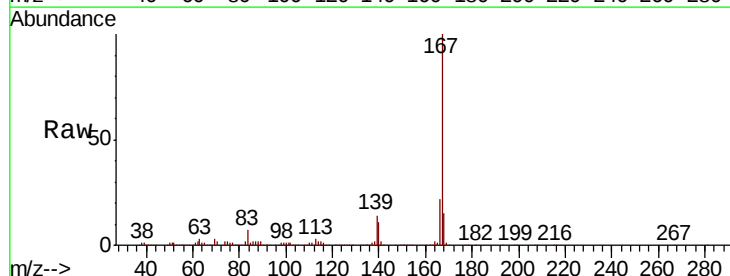
Tgt Ion:167 Resp: 1785919

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

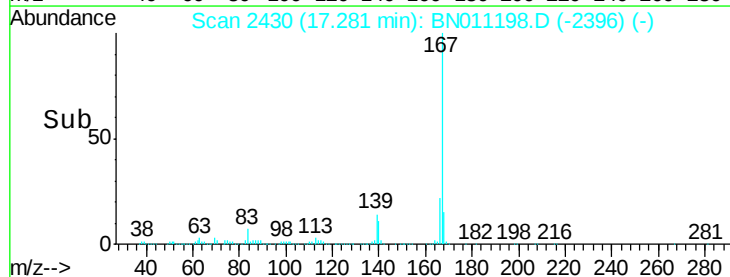
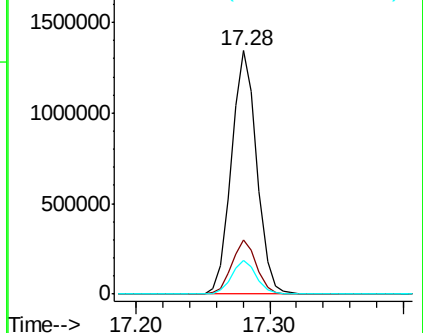
139 13.9 10.7 16.1

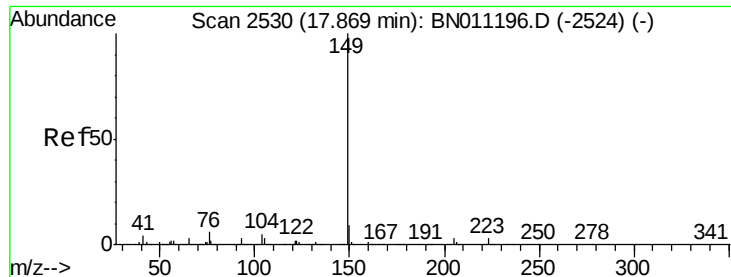


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

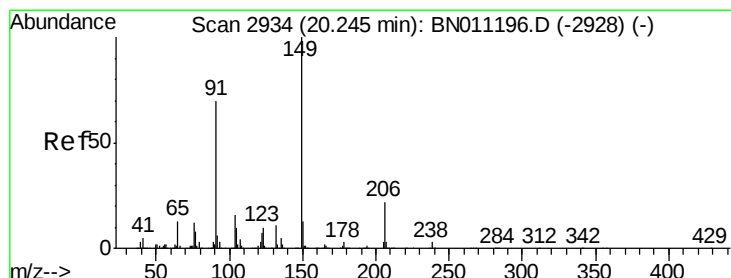
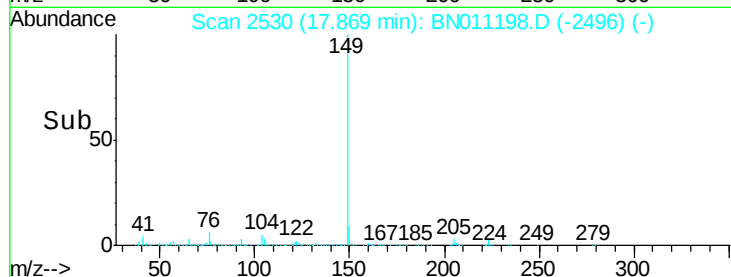
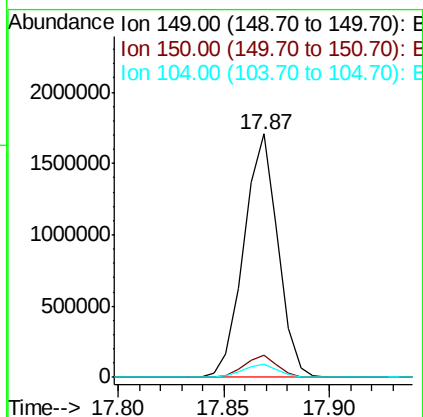
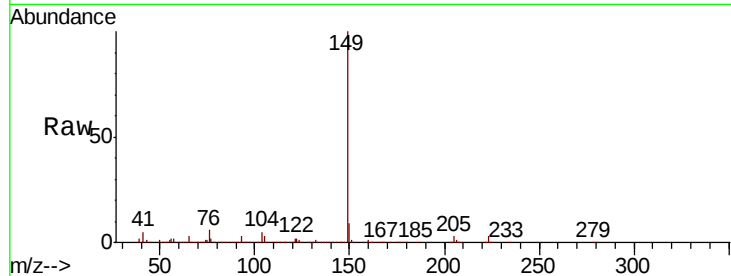




#76
Di-n-butylphthalate
Concen: 32.847 ng/ul
RT: 17.87 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

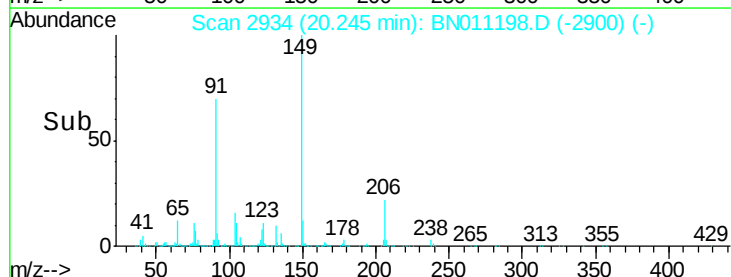
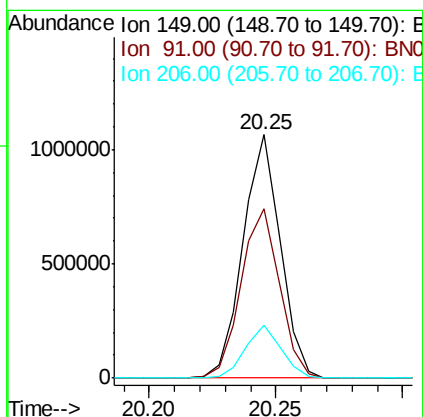
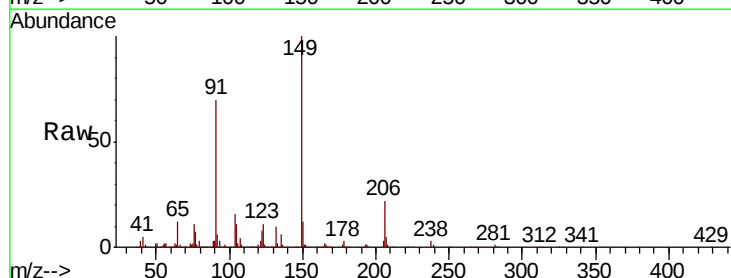
Instrument :
BNA_N
ClientSampleId :
X2M77

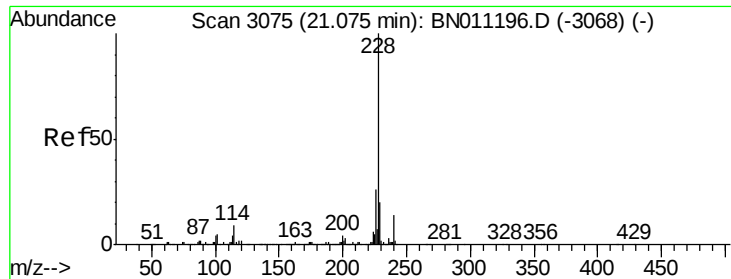
Tot Ion:149 Resp: 1906574
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 5.3 5.0 7.4



#81
Butylbenzylphthalate
Concen: 37.368 ng/ul
RT: 20.25 min Scan# 2934
Delta R.T. -0.00 min
Lab File: BN011198.D
Acq: 17 Jul 2020 09:46

Tgt Ion:149 Resp: 1090190
Ion Ratio Lower Upper
149 100
91 69.8 60.2 90.2
206 21.5 17.1 25.7





#83

Benzo(a)anthracene

Concen: 26.653 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

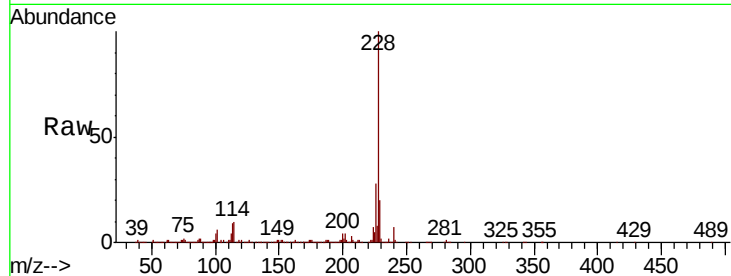
BNA_N

ClientSampleId :

X2M77

Tot Ion:228 Resp: 2132406

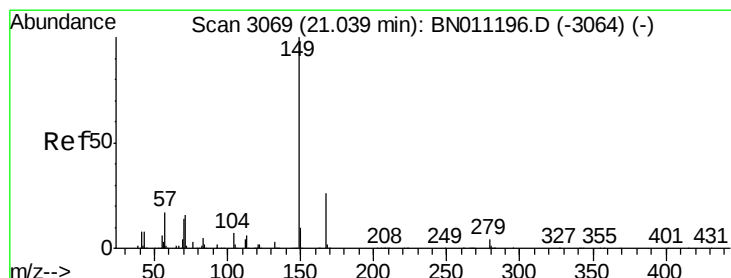
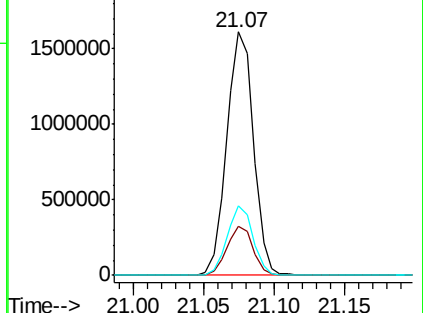
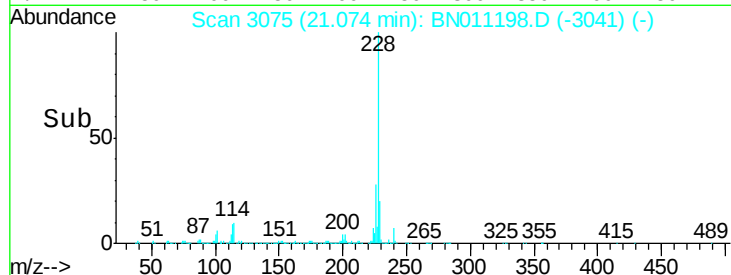
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	28.4	20.3	30.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.870 ng/ul

RT: 21.04 min Scan# 3069

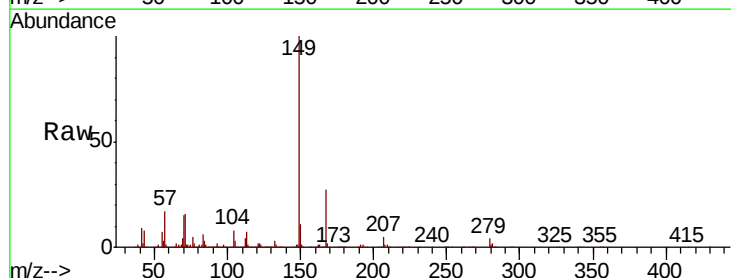
Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Tgt Ion:149 Resp: 967901

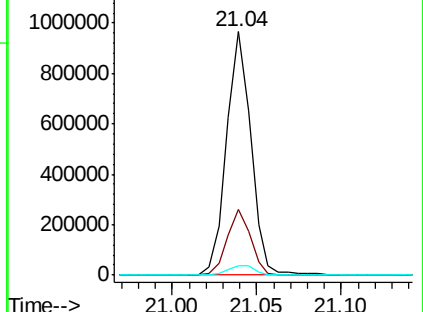
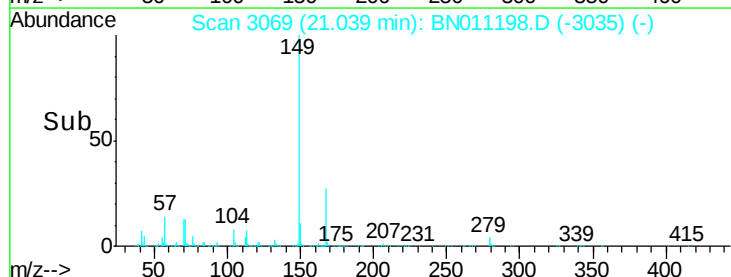
Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.6
279	4.1	3.0	4.6

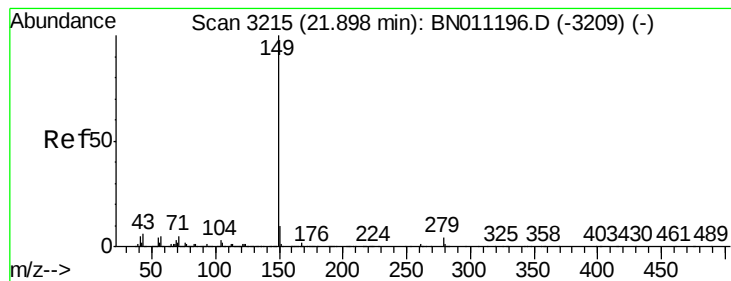


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Di-n-octyl phthalate

Concen: 46.793 ng/ul

RT: 21.90 min Scan# 3215

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

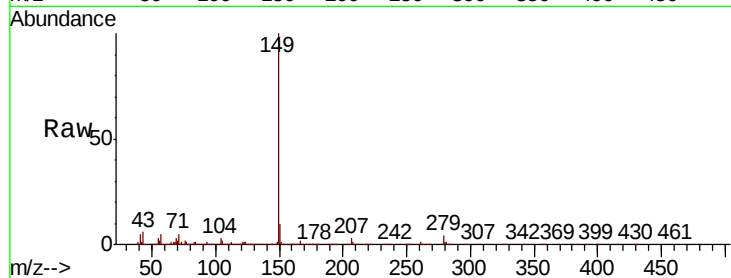
Instrument :

BNA_N

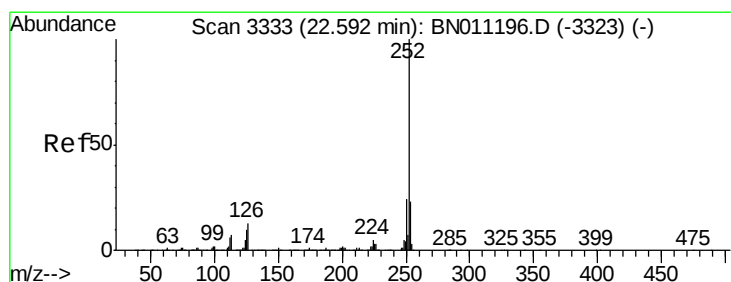
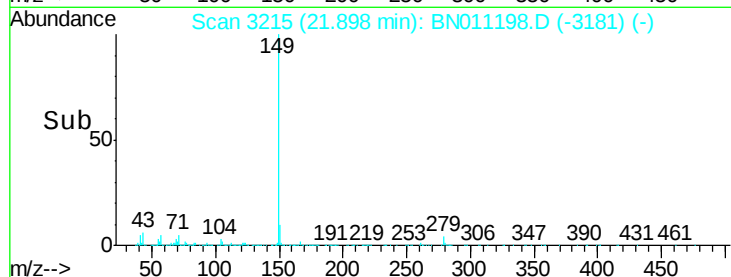
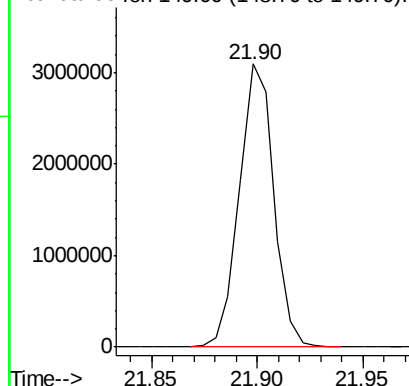
ClientSampleId :

X2M77

Tgt Ion:149 Resp: 3488722



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 14.891 ng/ul

RT: 22.60 min Scan# 3334

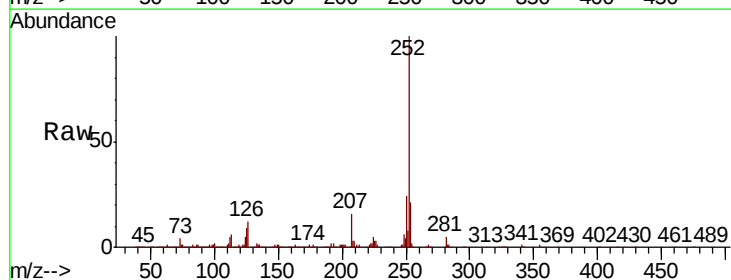
Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Tgt Ion:252 Resp: 1170173

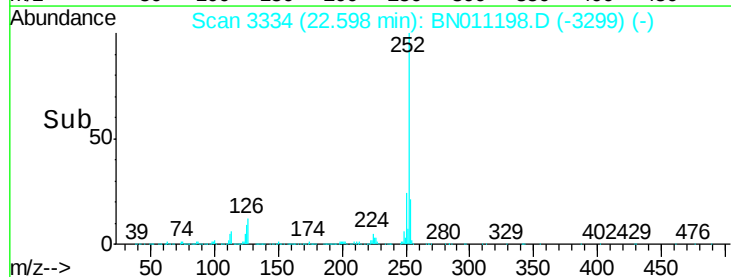
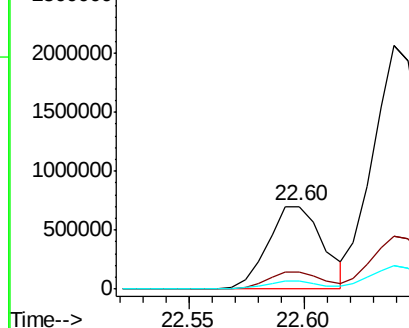
Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	9.3	8.1	12.1

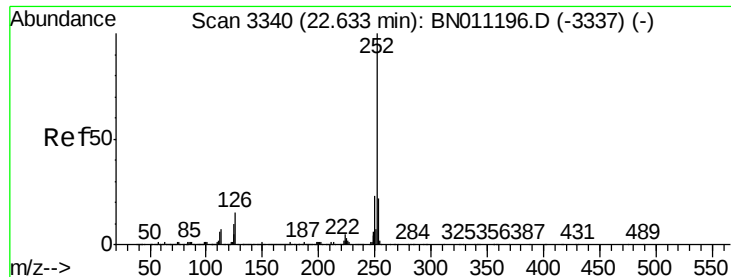


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.410 ng/ul

RT: 22.64 min Scan# 3341

Delta R.T. 0.01 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

Instrument :

BNA_N

ClientSampled :

X2M77

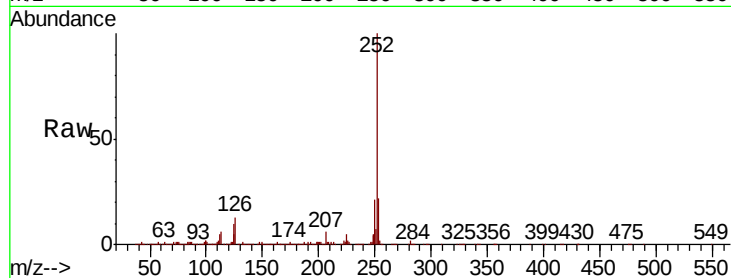
Tot Ion:252 Resp: 3116859

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

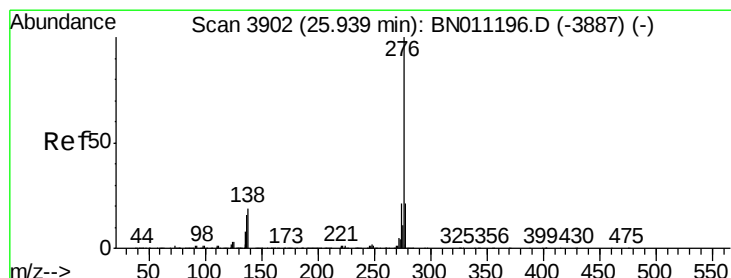
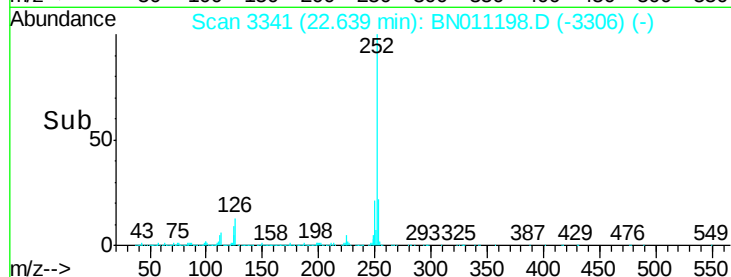
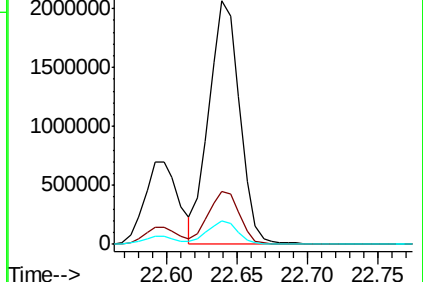
125 9.5 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Benzo(g,h,i)perylene

Concen: 24.701 ng/ul

RT: 25.94 min Scan# 3902

Delta R.T. -0.00 min

Lab File: BN011198.D

Acq: 17 Jul 2020 09:46

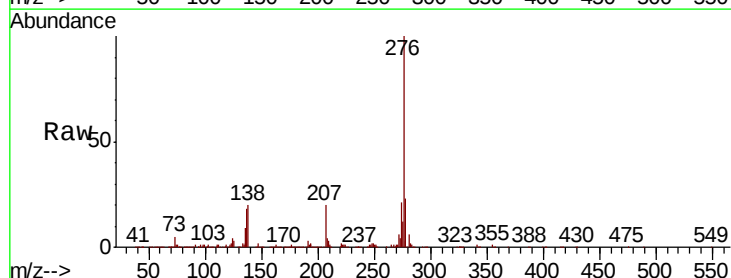
Tgt Ion:276 Resp: 1636145

Ion Ratio Lower Upper

276 100

138 20.3 16.4 24.6

277 22.7 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

