

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN004998.D
 Acq On : 27 Mar 2019 16:54
 Operator : JU/SJ
 Sample : K1560-09
 Misc : MDL 8 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Quant Time: Mar 28 04:49:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9773	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	41277	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	24728	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	55430	20.00	ng	0.00
76) Chrysene-d12	21.27	240	56214	20.00	ng	0.00
87) Perylene-d12	23.51	264	51356	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	72501	128.26	ng	0.00
7) Phenol-d6	6.85	99	95833	127.82	ng	0.00
23) Nitrobenzene-d5	8.84	82	61928	90.76	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	57816	144.97	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	169919	91.06	ng	0.00
79) Terphenyl-d14	19.70	244	272329	93.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	1466	7.117	ng	# 84
3) Pyridine	3.60	79	3861	6.707	ng	97
4) n-Nitrosodimethylamine	3.53	42	961	5.121	ng	# 90
6) Aniline	7.02	93	6871	7.197	ng	99
8) 2-Chlorophenol	7.24	128	5215	7.267	ng	99
9) Benzaldehyde	6.83	77	3448	8.003	ng	96
10) Phenol	6.88	94	5817	7.241	ng	92
11) bis(2-Chloroethyl)ether	7.11	93	4505	7.251	ng	99
12) 1,3-Dichlorobenzene	7.56	146	5792	7.408	ng	96
13) 1,4-Dichlorobenzene	7.71	146	5840	7.380	ng	98
14) 1,2-Dichlorobenzene	8.02	146	5601	7.395	ng	99
15) Benzyl Alcohol	7.92	79	3620	6.346	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	5670	7.565	ng	100
17) 2-Methylphenol	8.12	107	4005	7.151	ng	96
18) Hexachloroethane	8.73	117	1926	6.866	ng	95
19) n-Nitroso-di-n-propylamine	8.47	70	3597	7.318	ng	# 94
20) 3+4-Methylphenols	8.45	107	5040	6.628	ng	98
22) Acetophenone	8.50	105	7529	7.990	ng	100
24) Nitrobenzene	8.88	77	5409	7.833	ng	98
25) Isophorone	9.39	82	10133	7.623	ng	100
26) 2-Nitrophenol	9.59	139	2623	6.542	ng	99
27) 2,4-Dimethylphenol	9.64	122	4147	7.428	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	6430	7.807	ng	99
29) 2,4-Dichlorophenol	10.12	162	4613	7.190	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	5589	7.908	ng	98
31) Naphthalene	10.51	128	17356	8.059	ng	99
32) Benzoic acid	9.74	122	1110	7.881	ng	98
33) 4-Chloroaniline	10.63	127	6519	7.440	ng	99
34) Hexachlorobutadiene	10.77	225	3529	7.717	ng	100
35) Caprolactam	11.40	113	1126	5.360	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	5060	7.300	ng	99
37) 2-Methylnaphthalene	12.13	142	12373	8.136	ng	98
38) 1-Methylnaphthalene	12.35	142	12150	8.165	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	6676	7.612	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	2345	8.949	ng	91
43) 2,4,6-Trichlorophenol	12.75	196	3619	6.650	ng	98
44) 2,4,5-Trichlorophenol	12.83	196	3888	6.558	ng	99
46) 1,1'-Biphenyl	13.15	154	16824	8.039	ng	100
47) 2-Chloronaphthalene	13.19	162	12497	7.781	ng	99
48) 2-Nitroaniline	13.41	65	2708	6.334	ng	95
49) Acenaphthylene	14.04	152	21245	7.865	ng	100
50) Dimethylphthalate	13.78	163	16304	8.025	ng	99
51) 2,6-Dinitrotoluene	13.91	165	3493	7.556	ng	99
52) Acenaphthene	14.39	154	12192	8.023	ng	100
53) 3-Nitroaniline	14.25	138	3204	6.781	ng	# 97
54) 2,4-Dinitrophenol	14.46	184	684	9.466	ng	# 63
55) Dibenzofuran	14.72	168	19617	8.113	ng	100
56) 4-Nitrophenol	14.57	139	1720	4.621	ng	96
57) 2,4-Dinitrotoluene	14.70	165	4580	7.290	ng	# 96
58) Fluorene	15.37	166	15876	8.128	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.95	232	3802	6.916	ng	# 96
60) Diethylphthalate	15.15	149	16277	8.029	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	8281	8.218	ng	99
62) 4-Nitroaniline	15.41	138	3091	6.511	ng	96
63) Azobenzene	15.66	77	13324	7.895	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	1937	8.003	ng	99
66) n-Nitrosodiphenylamine	15.59	169	13758	7.880	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	5245	7.583	ng	99
68) Hexachlorobenzene	16.37	284	6339	7.822	ng	100
69) Atrazine	16.53	200	4696	7.528	ng	98
70) Pentachlorophenol	16.73	266	2067	4.851	ng	99
71) Phenanthrene	17.11	178	25181	8.085	ng	100
72) Anthracene	17.20	178	24443	7.885	ng	99
73) Carbazole	17.48	167	22296	7.901	ng	99
74) Di-n-butylphthalate	18.03	149	25497	7.418	ng	100
75) Fluoranthene	19.13	202	28674	8.070	ng	99
77) Benzidine	19.33	184	11837	6.757	ng	99
78) Pyrene	19.50	202	29544	7.871	ng	100
80) Butylbenzylphthalate	20.40	149	10106	6.626	ng	99
81) Benzo(a)anthracene	21.25	228	27706	7.912	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	9747	7.444	ng	99
83) Chrysene	21.30	228	26626	7.961	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	14359	6.804	ng	99
85) Di-n-octyl phthalate	22.04	149	23114	6.787	ng	# 99
86) Indeno(1,2,3-cd)pyrene	25.76	276	26177	6.889	ng	98
88) Benzo(b)fluoranthene	22.83	252	26309	8.323	ng	99
89) Benzo(k)fluoranthene	22.88	252	23280	8.031	ng	99
90) Benzo(a)pyrene	23.41	252	22757	7.867	ng	100
91) Dibenzo(a,h)anthracene	25.77	278	21794	7.505	ng	99
92) Benzo(g,h,i)perylene	26.46	276	20927	7.286	ng	98

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

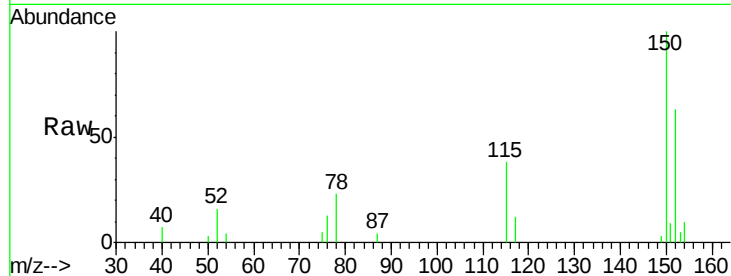


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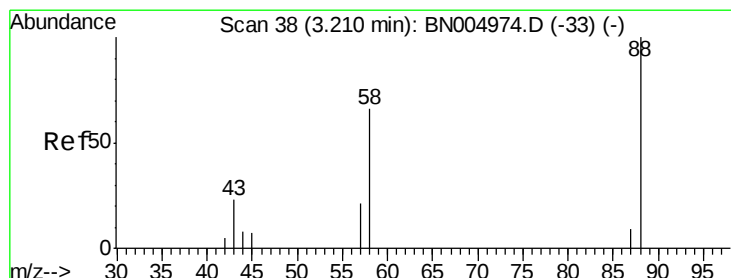
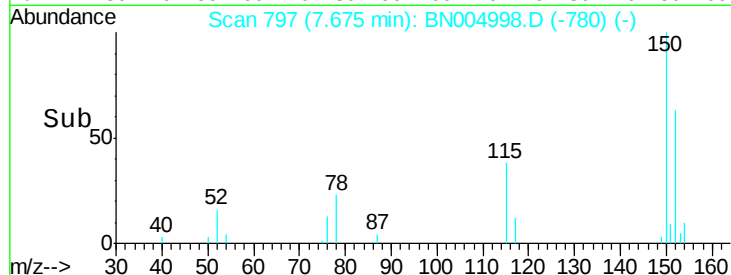
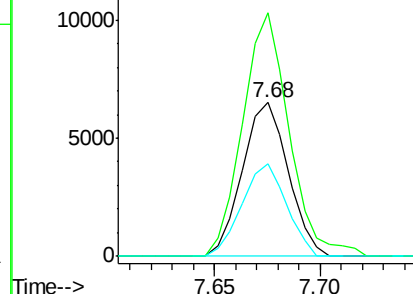
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:152 Resp: 9773
Ion Ratio Lower Upper
152 100
150 158.6 126.9 190.3
115 59.9 47.8 71.6



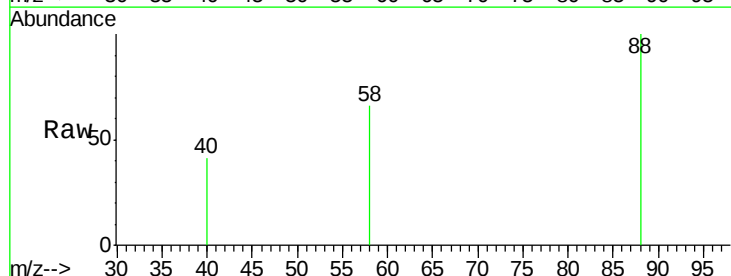
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



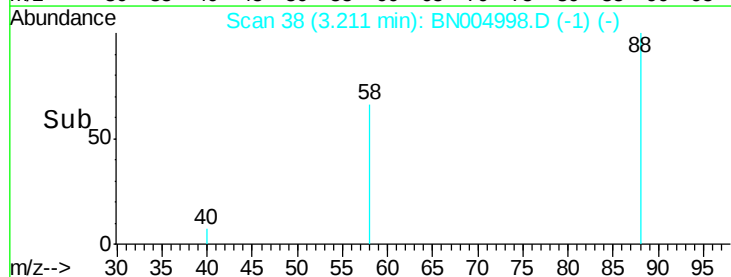
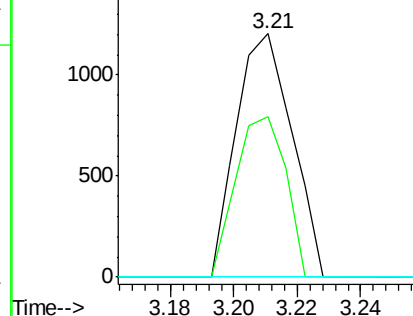
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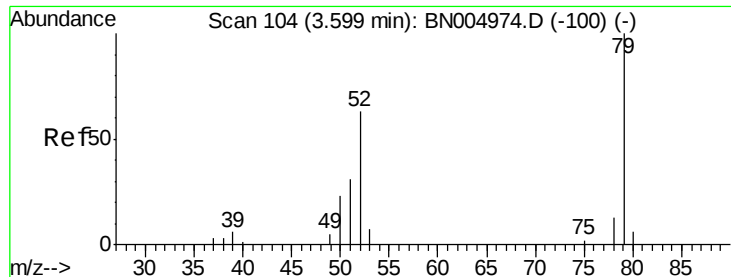
1,4-Dioxane
Concen: 7.117 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion: 88 Resp: 1466
Ion Ratio Lower Upper
88 100
58 58.9 51.0 76.6
43 0.0 16.7 25.1#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

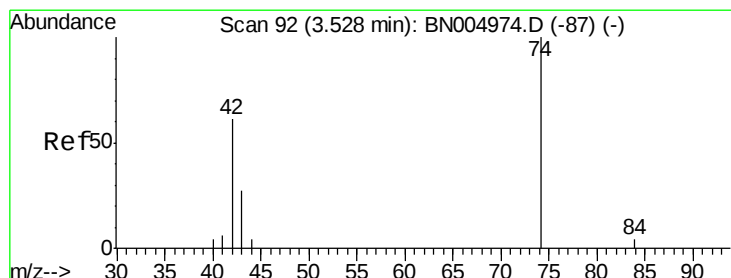
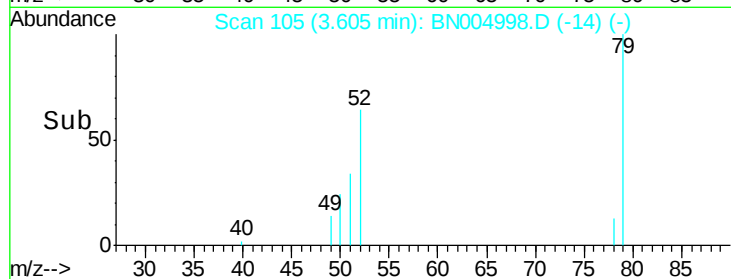
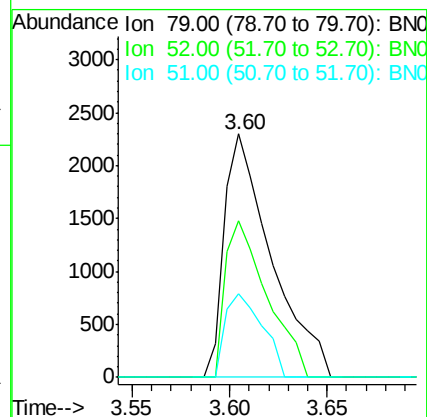
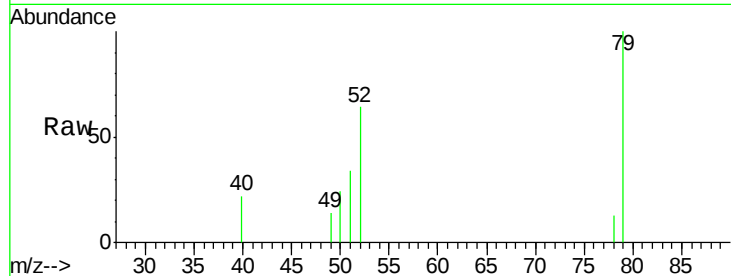




#3
 Pvridine
 Concen: 6.707 ng
 RT: 3.60 min Scan# 105
 Delta R.T. 0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

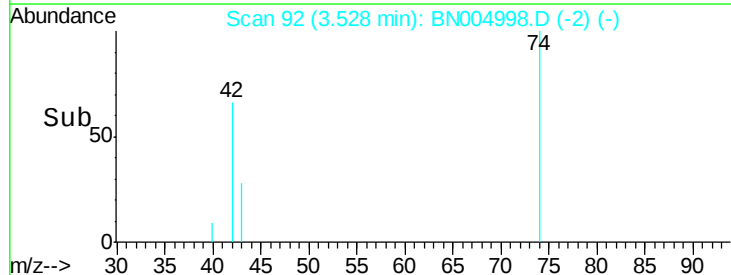
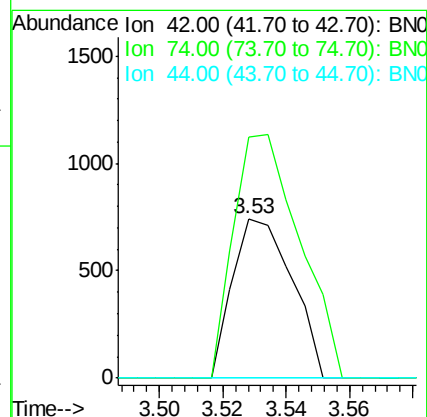
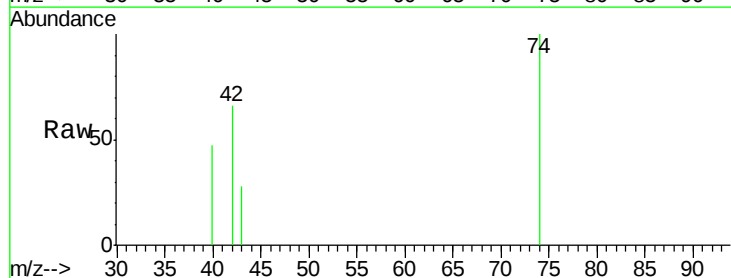
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion: 79 Resp: 3861
 Ion Ratio Lower Upper
 79 100
 52 64.1 50.2 75.4
 51 34.1 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 5.121 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion: 42 Resp: 961
 Ion Ratio Lower Upper
 42 100
 74 151.1 130.8 196.2
 44 0.0 5.7 8.5#





#5

2-Fluorophenol

Concen: 128.258 ng

RT: 5.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

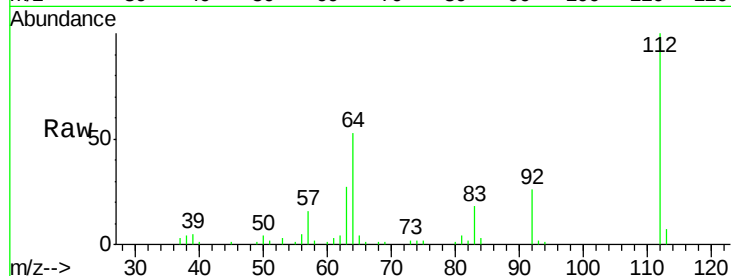
Tot Ion: 112 Resp: 72501

Ion Ratio Lower Upper

112 100

64 52.9 41.9 62.9

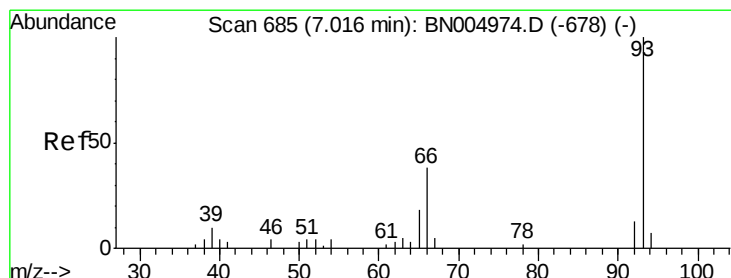
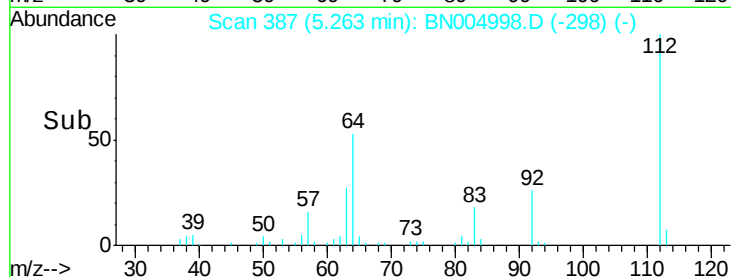
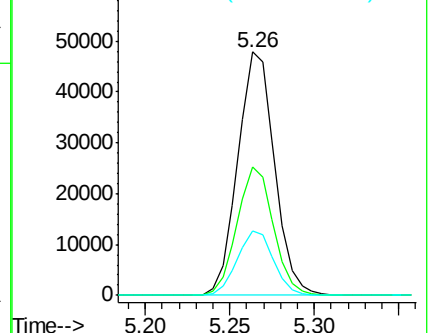
63 26.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 7.197 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

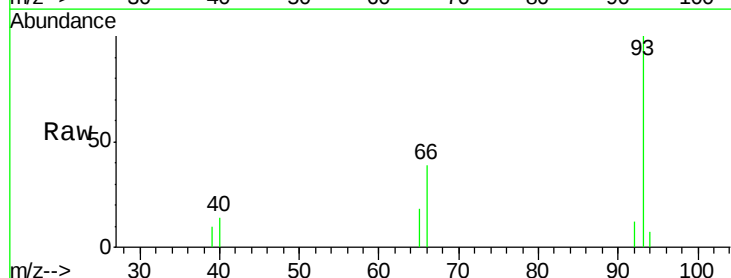
Tgt Ion: 93 Resp: 6871

Ion Ratio Lower Upper

93 100

66 39.0 30.2 45.4

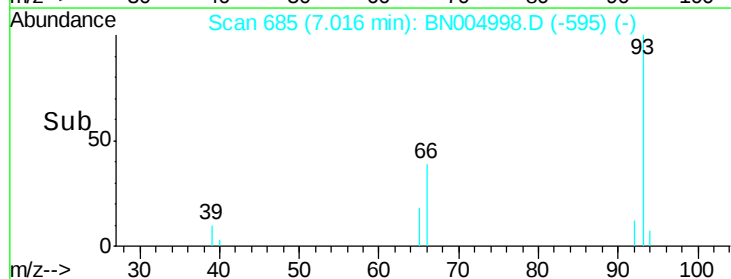
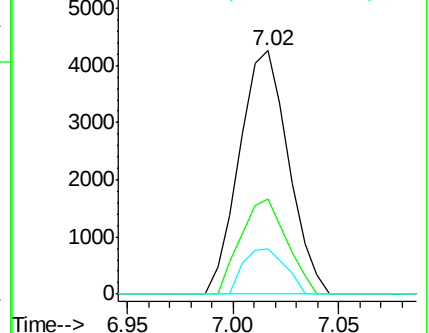
65 18.4 14.7 22.1

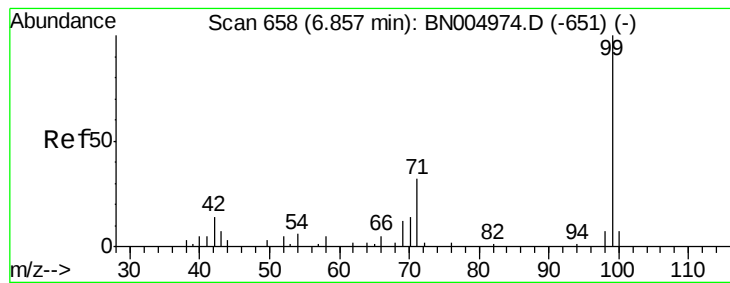


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 127.821 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

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ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

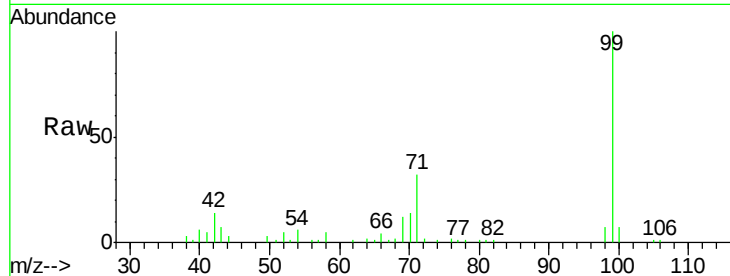
Tot Ion: 99 Resp: 95833

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

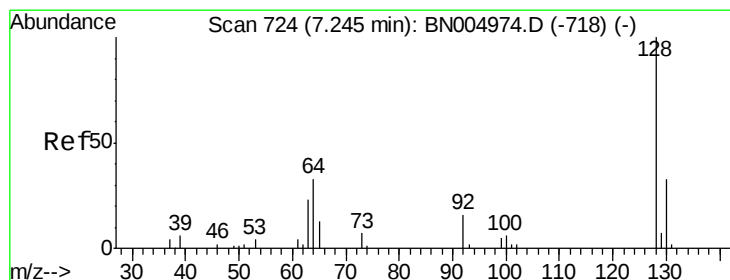
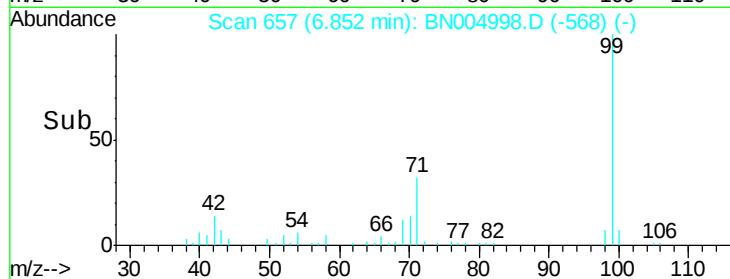
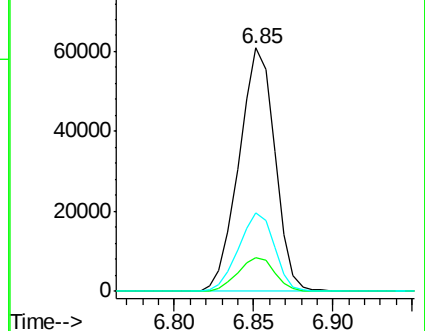
71 32.4 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#8

2-Chlorophenol

Concen: 7.267 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

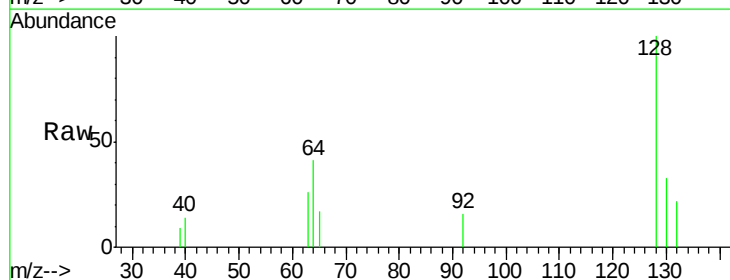
Tgt Ion: 128 Resp: 5215

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

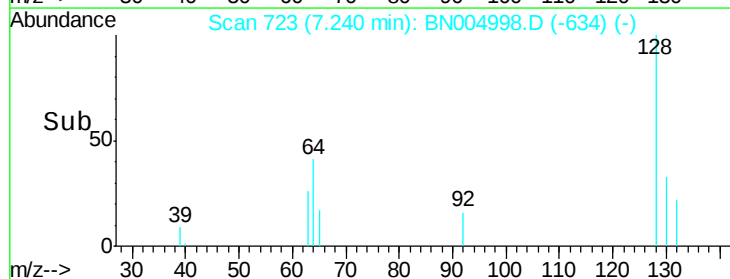
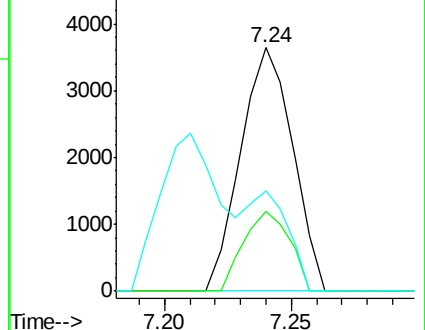
64 41.2 19.9 59.9



Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)





#9

Benzaldehyde

Concen: 8.003 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

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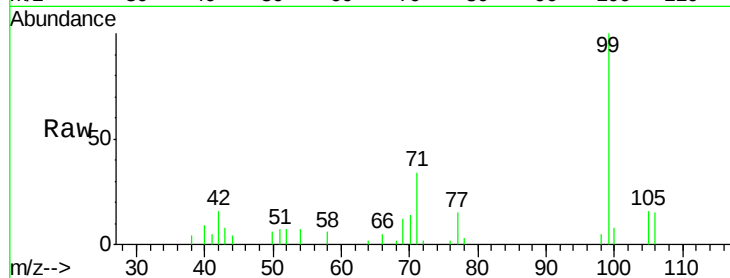
Tot Ion: 77 Resp: 3448

Ion Ratio Lower Upper

77 100

105 101.5 86.1 126.1

106 96.7 79.9 119.9



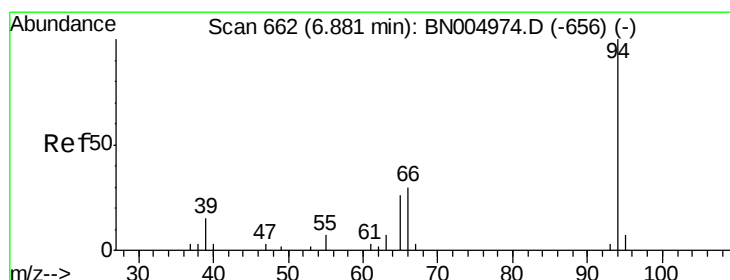
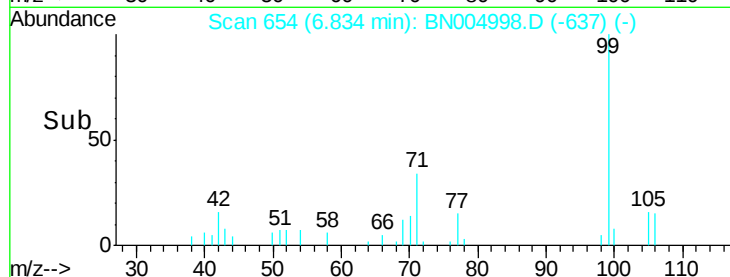
Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-648) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-648) (-)

Ion 106.00 (105.70 to 106.70): BN004974.D (-648) (-)

6.83

Time-->



#10

Phenol

Concen: 7.241 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

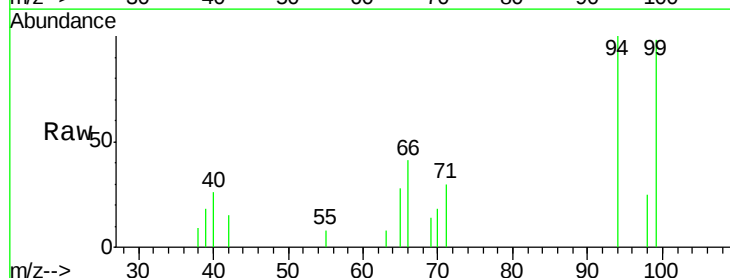
Tgt Ion: 94 Resp: 5817

Ion Ratio Lower Upper

94 100

65 28.3 5.7 45.7

66 40.5 14.8 54.8



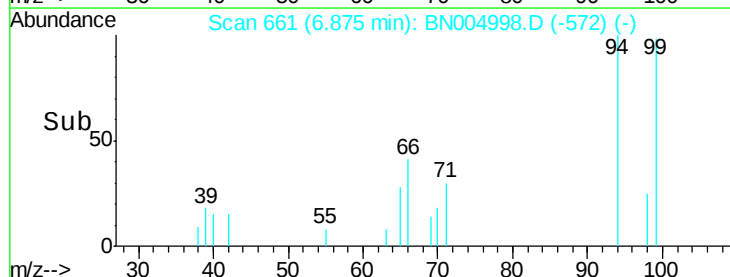
Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

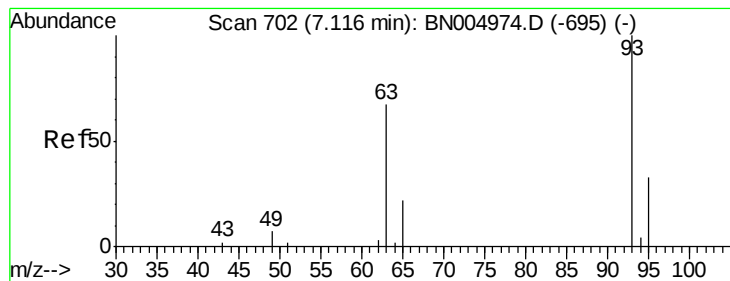
Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)

6.88

Time-->

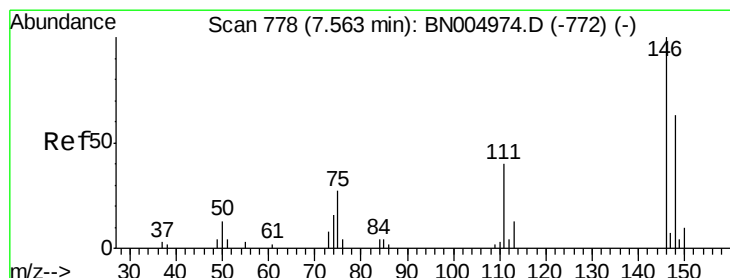
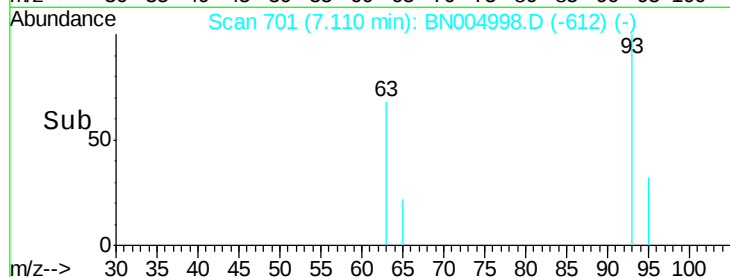
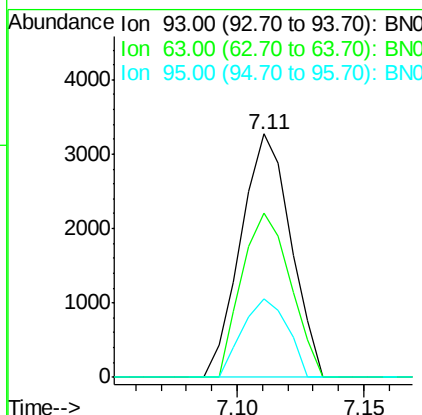
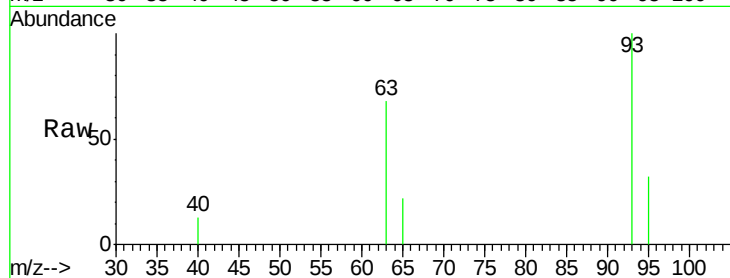




#11
bis(2-Chloroethyl)ether
Concen: 7.251 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

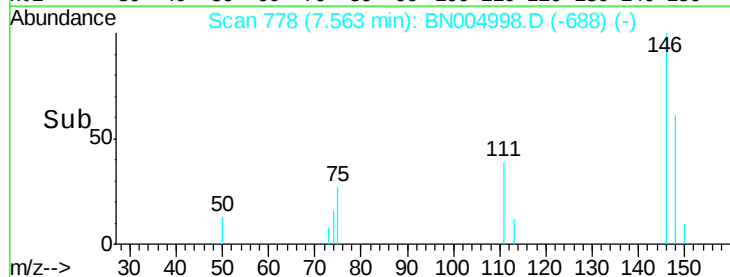
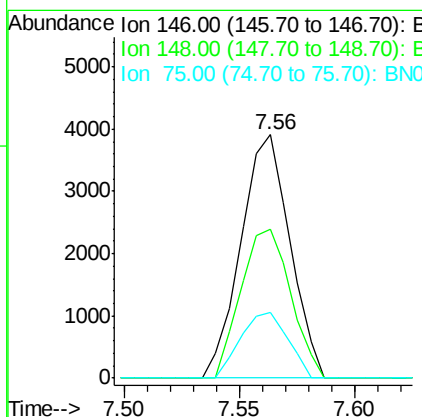
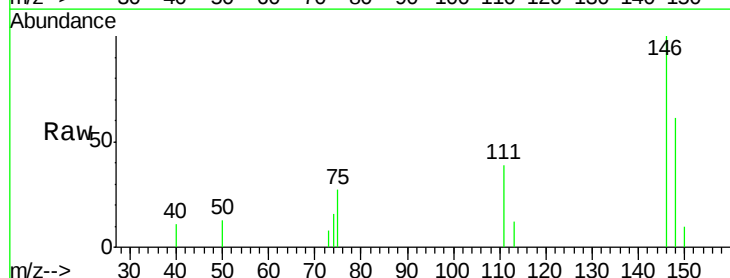
Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

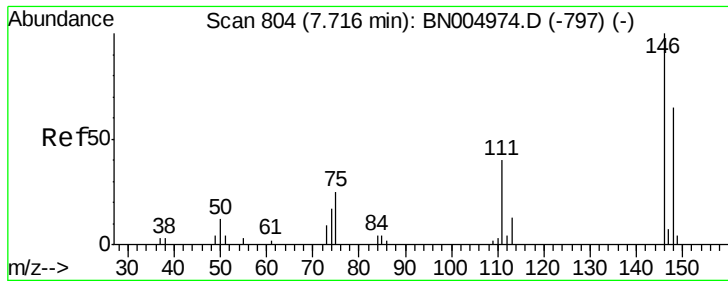
Tot Ion: 93 Resp: 4505
Ion Ratio Lower Upper
93 100
63 67.7 47.0 87.0
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.408 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion: 146 Resp: 5792
Ion Ratio Lower Upper
146 100
148 61.3 52.0 78.0
75 26.9 22.0 33.0

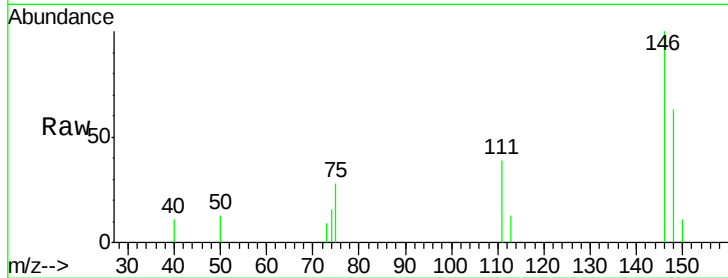




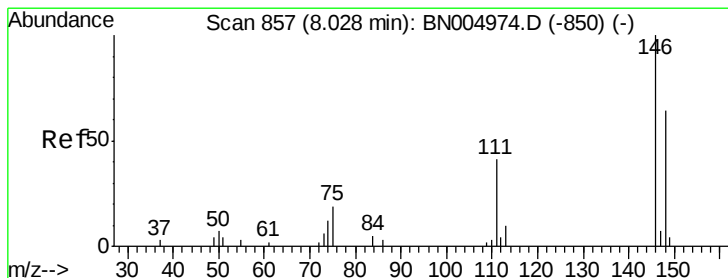
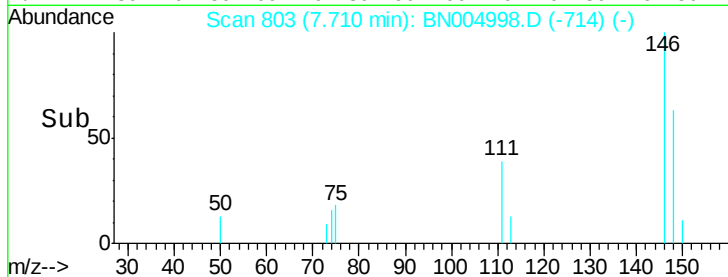
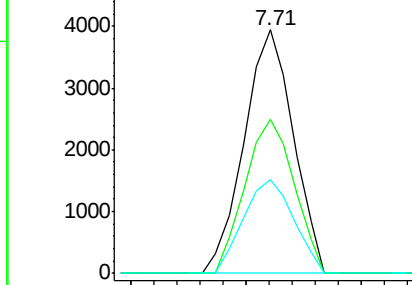
#13
 1,4-Dichlorobenzene
 Concen: 7.380 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion:146 Resp: 5840
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.2
 111 38.5 32.6 49.0

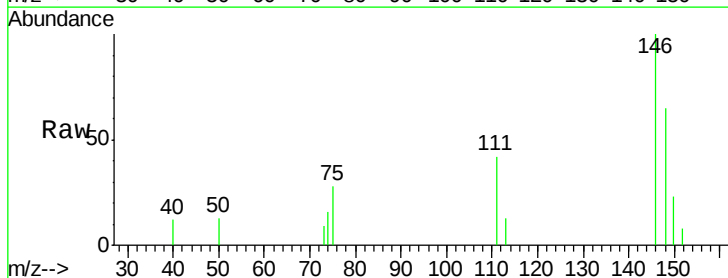


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

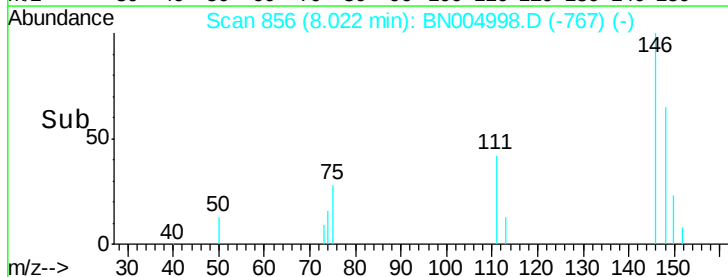
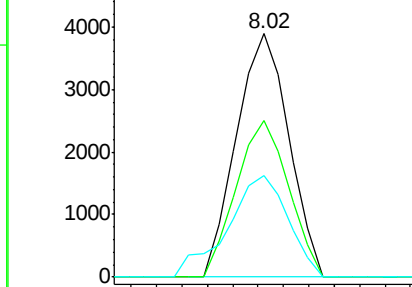


#14
 1,2-Dichlorobenzene
 Concen: 7.395 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:146 Resp: 5601
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 41.5 32.6 49.0



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





#15

Benzyl Alcohol

Concen: 6.346 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

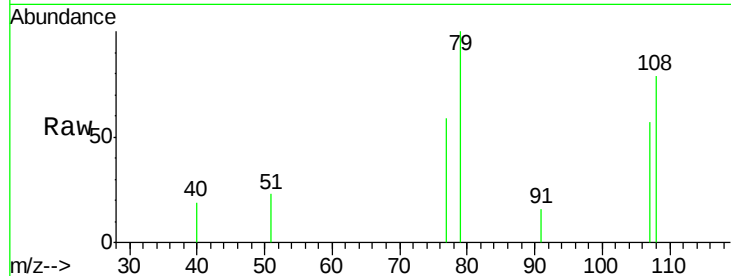
Tot Ion: 79 Resp: 3620

Ion Ratio Lower Upper

79 100

108 79.4 64.0 96.0

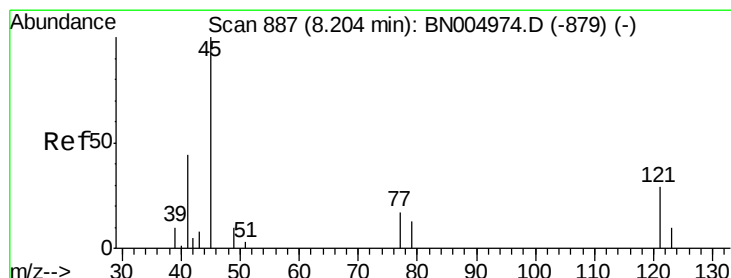
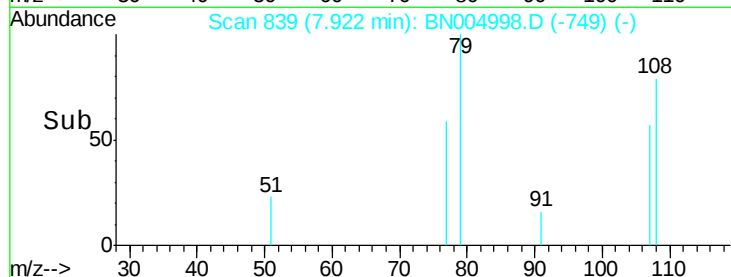
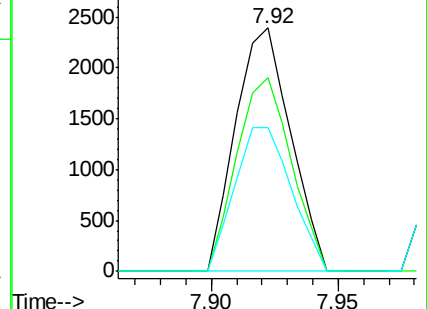
77 59.1 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BN004974.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BN004974.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BN004974.D (-833) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.565 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

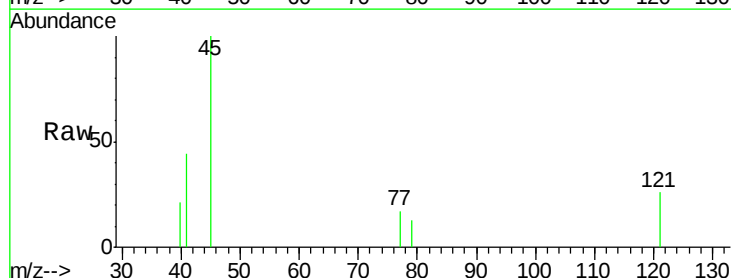
Tgt Ion: 45 Resp: 5670

Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.9

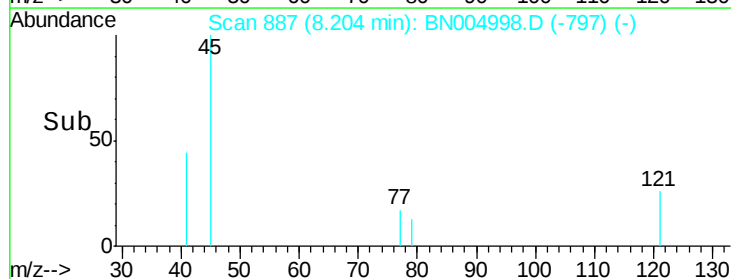
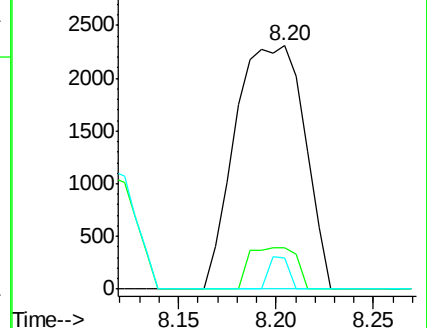
79 13.0 0.0 33.3

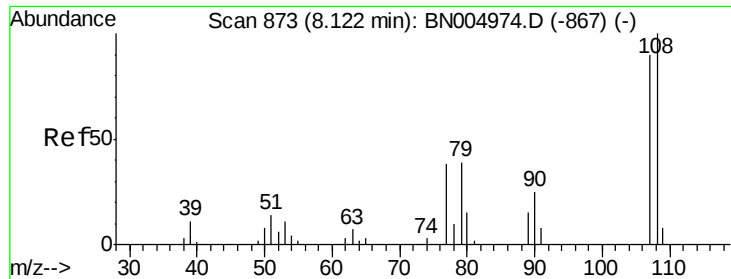


Abundance Ion 45.00 (44.70 to 45.70): BN004974.D (-879) (-)

Ion 77.00 (76.70 to 77.70): BN004974.D (-879) (-)

Ion 79.00 (78.70 to 79.70): BN004974.D (-879) (-)

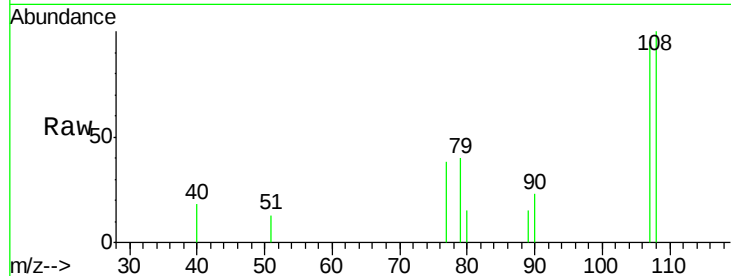




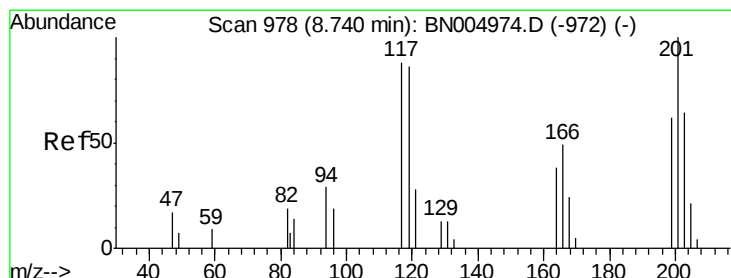
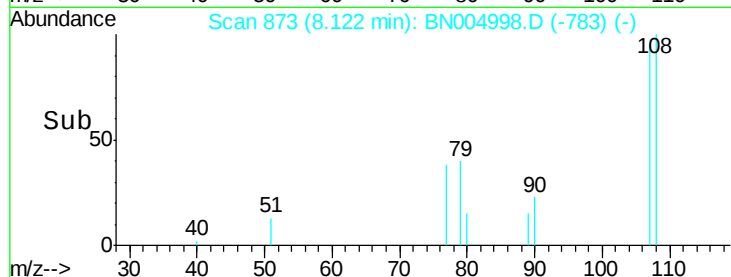
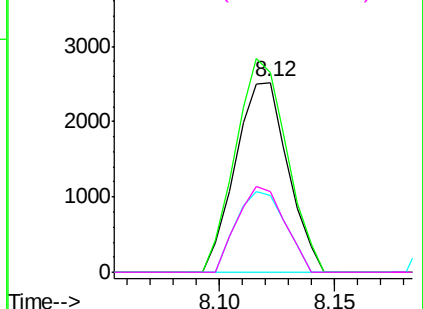
#17
2-Methylphenol
Concen: 7.151 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:107 Resp: 4005
Ion Ratio Lower Upper
107 100
108 105.2 88.8 133.2
77 40.3 34.2 51.2
79 42.5 34.8 52.2

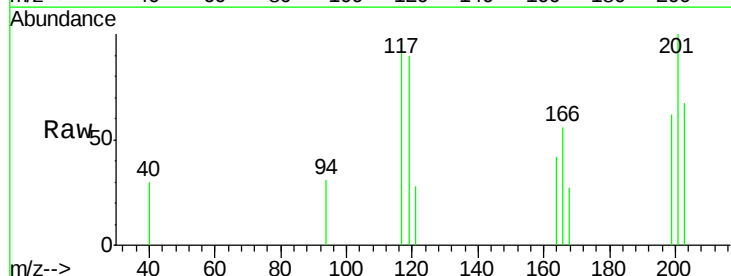


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

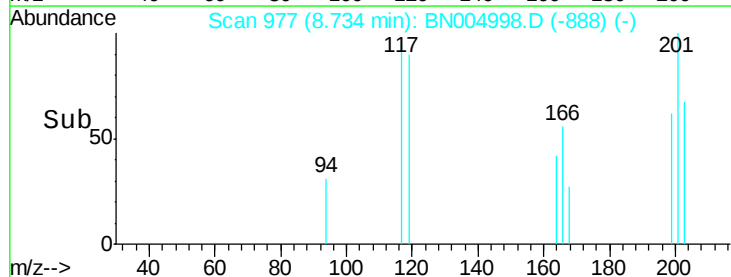
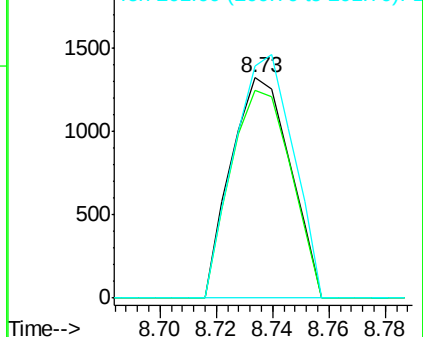


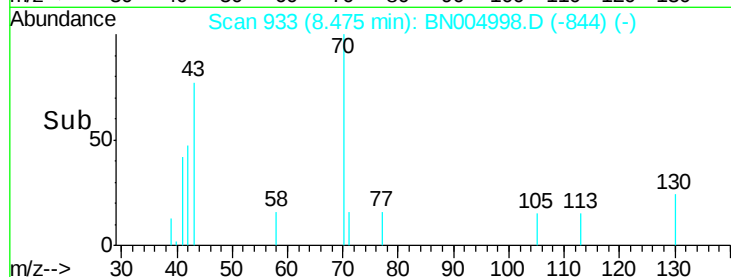
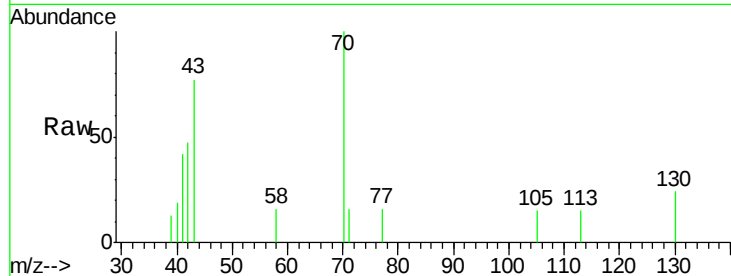
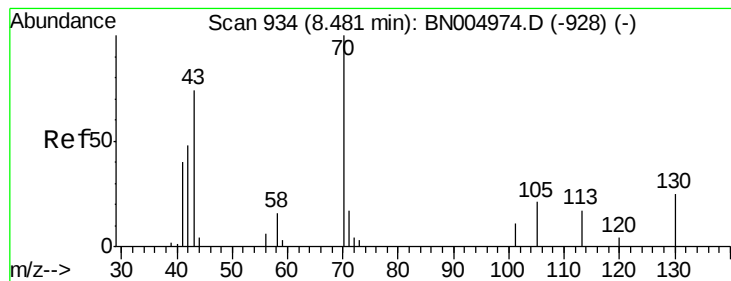
#18
Hexachloroethane
Concen: 6.866 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:117 Resp: 1926
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3
201 105.2 90.5 135.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 7.318 ng

RT: 8.47 min Scan# 933

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tot Ion: 70 Resp: 3597

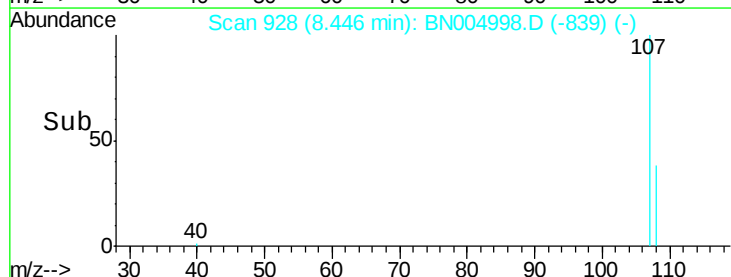
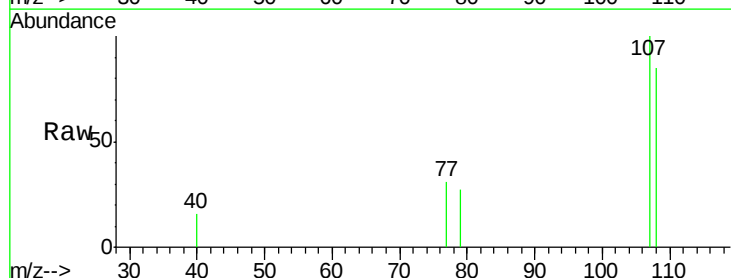
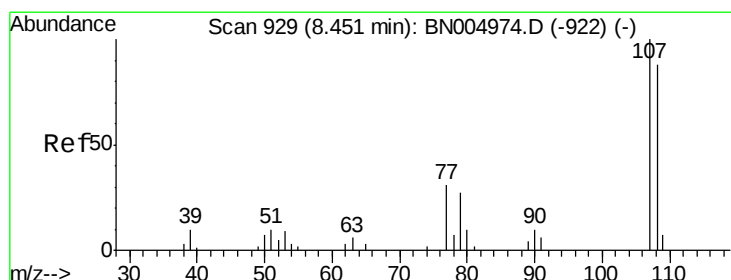
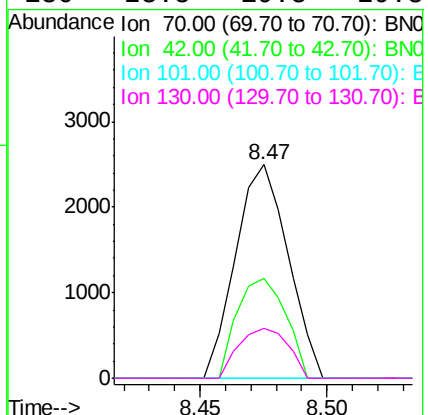
Ion Ratio Lower Upper

70 100

42 46.8 38.4 57.6

101 0.0 8.8 13.2#

130 23.5 19.8 29.8



#20

3+4-Methylphenols

Concen: 6.628 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Tgt Ion: 107 Resp: 5040

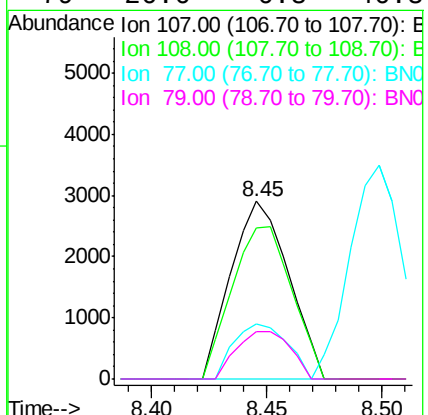
Ion Ratio Lower Upper

107 100

108 85.4 67.9 107.9

77 30.7 10.6 50.6

79 26.6 6.8 46.8

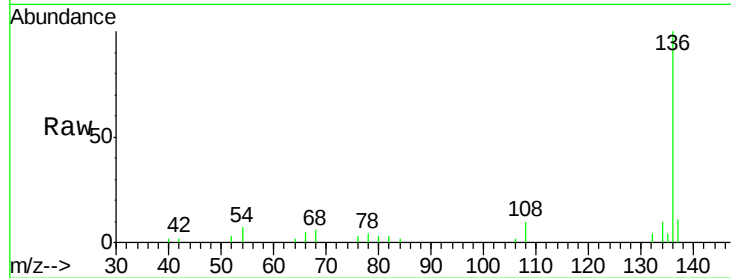




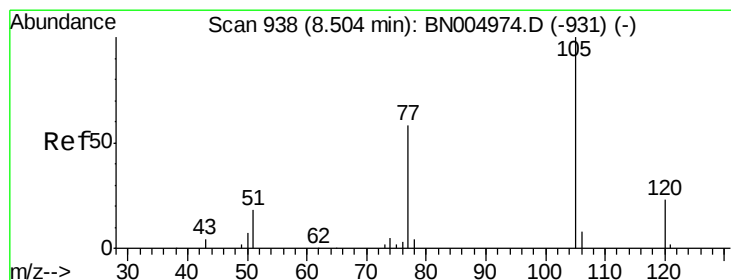
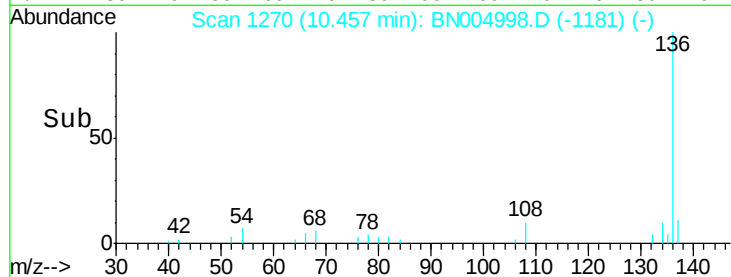
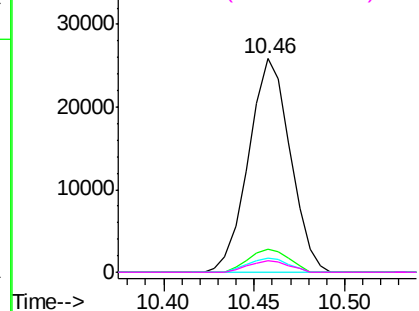
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:136	Resp:	41277
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 6.8	5.3	7.9
68 5.7	4.6	6.8

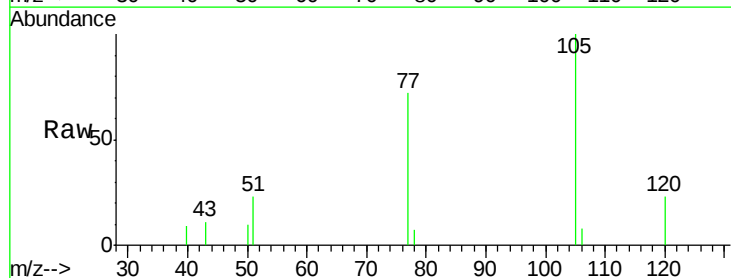


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

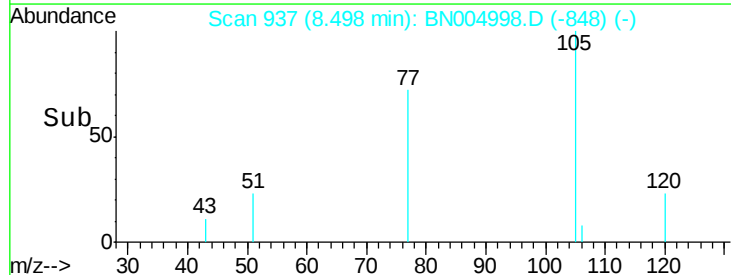
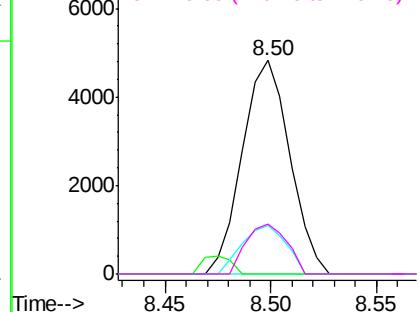


#22
Acetophenone
Concen: 7.990 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt	Ion:105	Resp:	7529
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	22.5	17.8	26.8
120	23.4	18.6	27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BNC
Ion 51.00 (50.70 to 51.70): BNC
Ion 120.00 (119.70 to 120.70): E

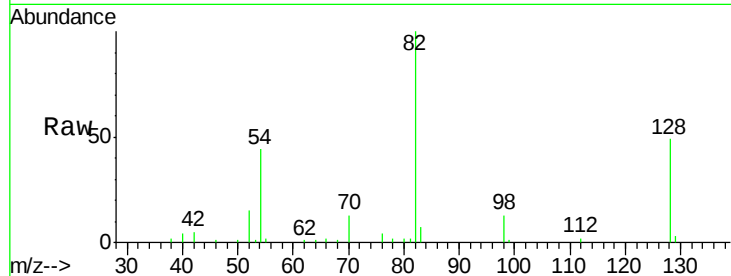




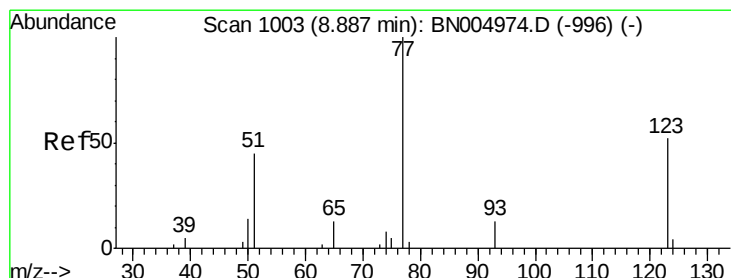
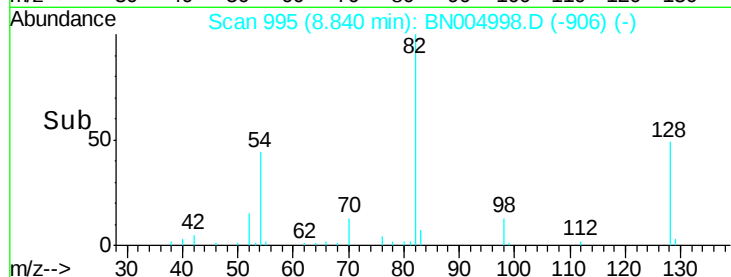
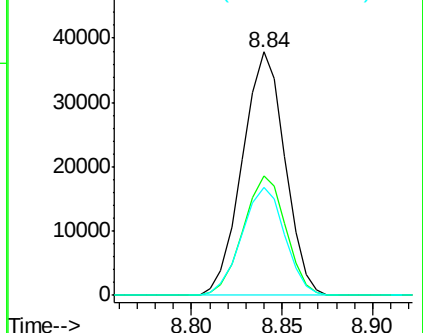
#23
Nitrobenzene-d5
Concen: 90.755 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion: 82 Resp: 61928
Ion Ratio Lower Upper
82 100
128 49.0 40.6 60.8
54 44.3 35.2 52.8

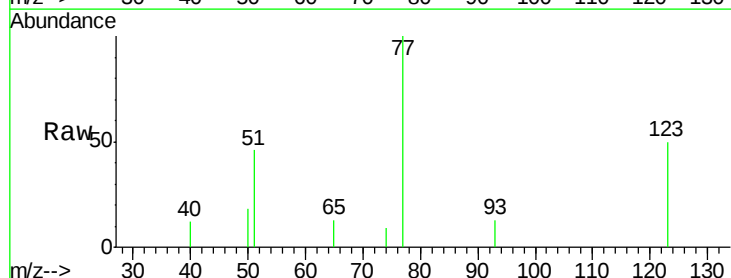


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

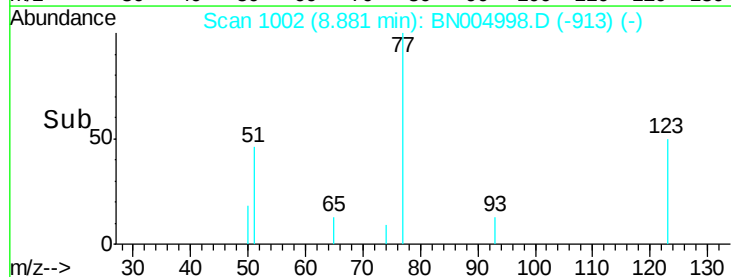
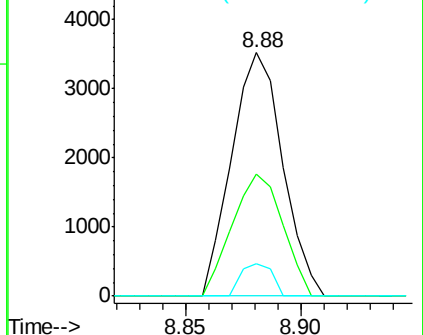


#24
Nitrobenzene
Concen: 7.833 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion: 77 Resp: 5409
Ion Ratio Lower Upper
77 100
123 50.3 41.3 61.9
65 13.1 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 7.623 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

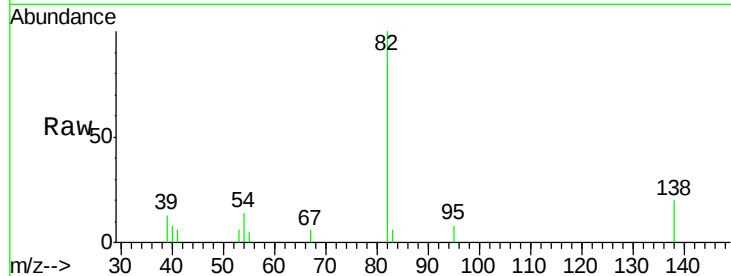
Tot Ion: 82 Resp: 10133

Ion Ratio Lower Upper

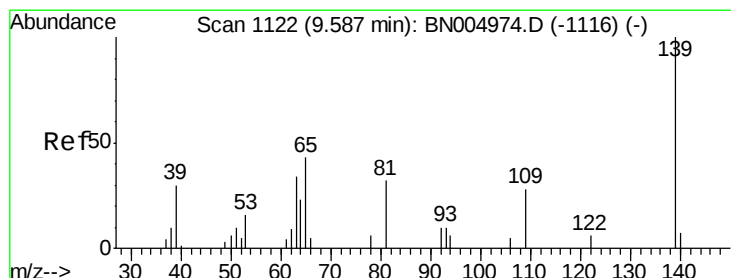
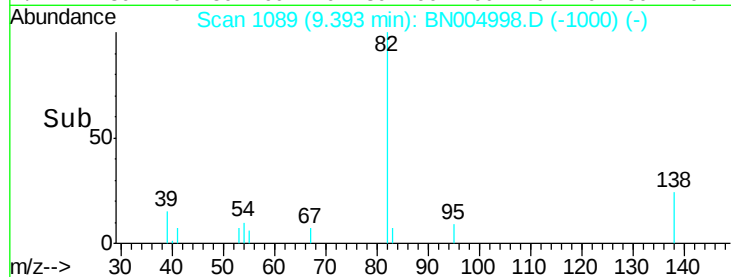
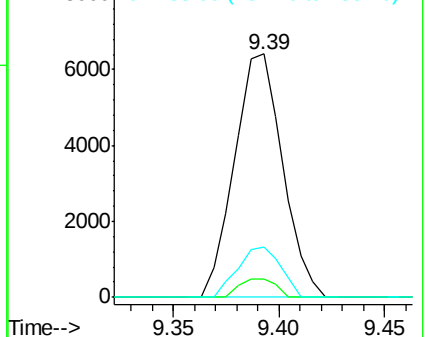
82 100

95 7.7 6.1 9.1

138 20.4 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 6.542 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

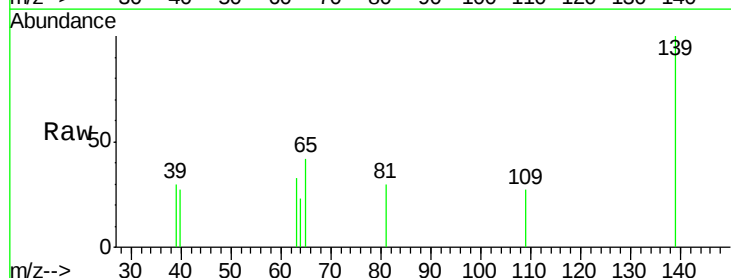
Tgt Ion: 139 Resp: 2623

Ion Ratio Lower Upper

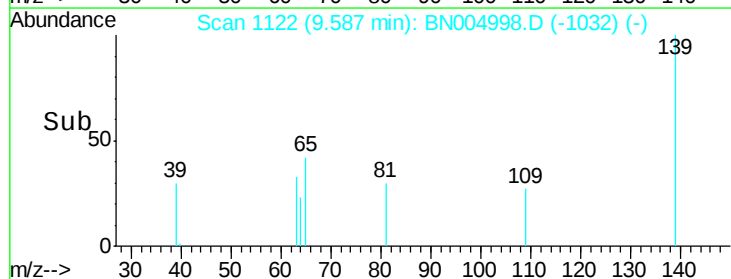
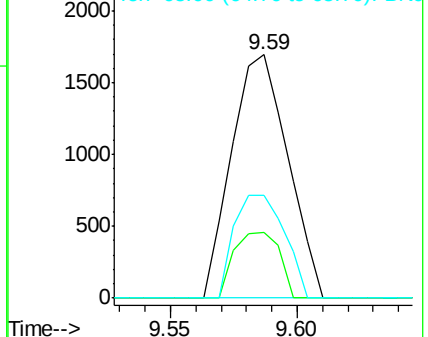
139 100

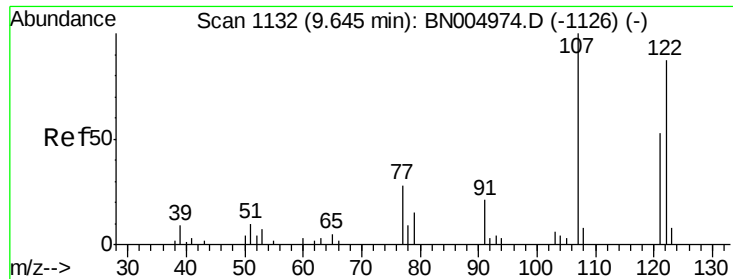
109 26.8 22.5 33.7

65 42.3 34.2 51.4



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

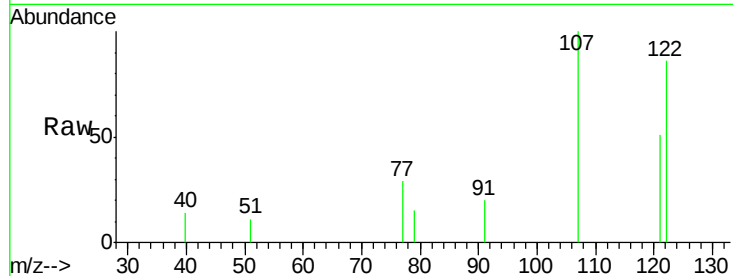




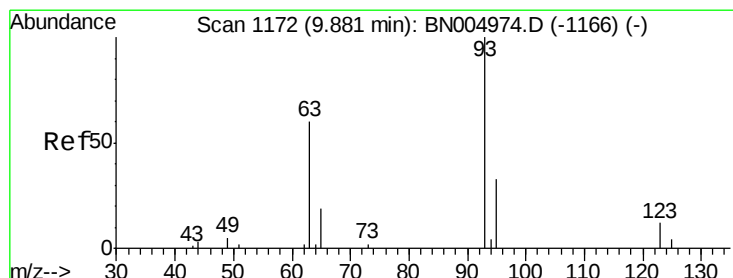
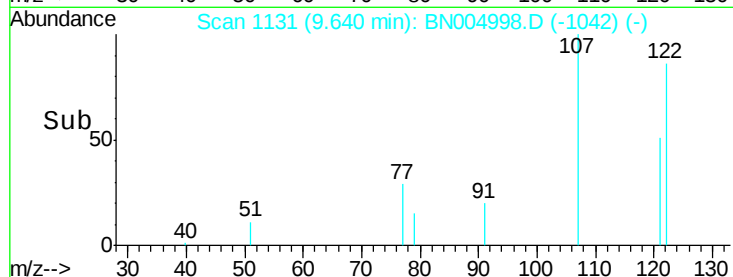
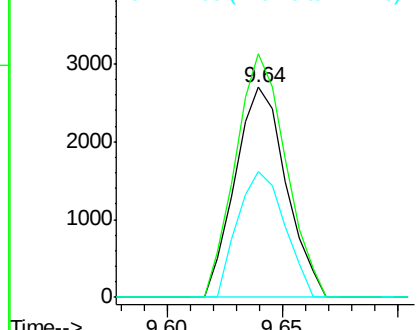
#27
2,4-Dimethylphenol
Concen: 7.428 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:122 Resp: 4147
Ion Ratio Lower Upper
122 100
107 115.9 91.6 137.4
121 59.6 48.2 72.2

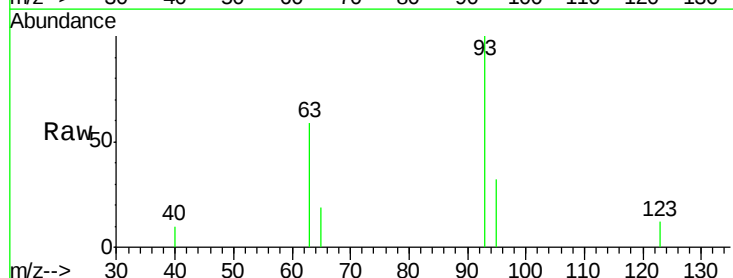


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

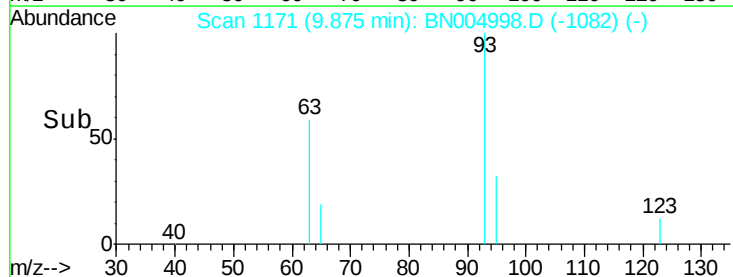
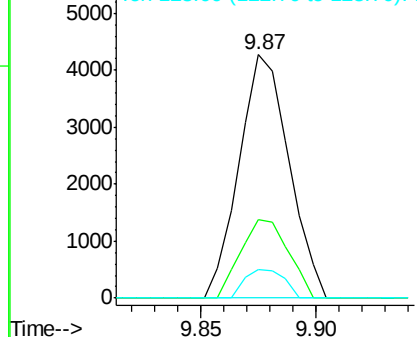


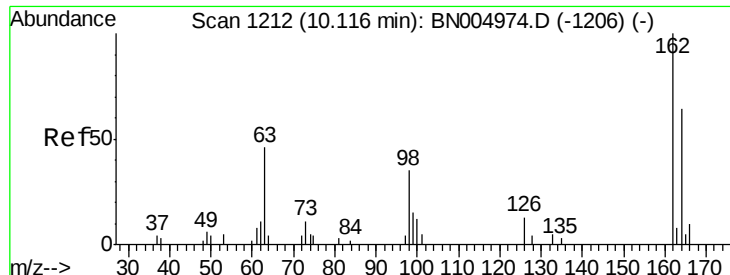
#28
bis(2-Chloroethoxy)methane
Concen: 7.807 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion: 93 Resp: 6430
Ion Ratio Lower Upper
93 100
95 32.3 26.2 39.4
123 12.0 9.8 14.8



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 7.190 ng

RT: 10.12 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

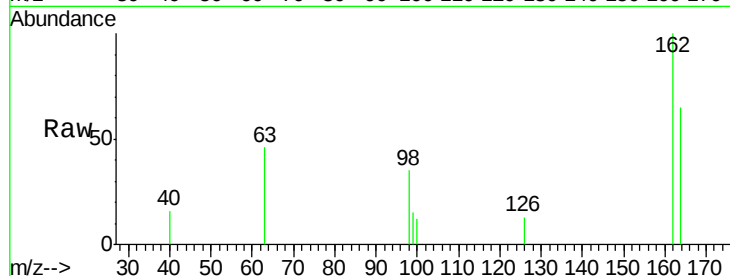
Tot Ion:162 Resp: 4613

Ion Ratio Lower Upper

162 100

164 65.5 44.3 84.3

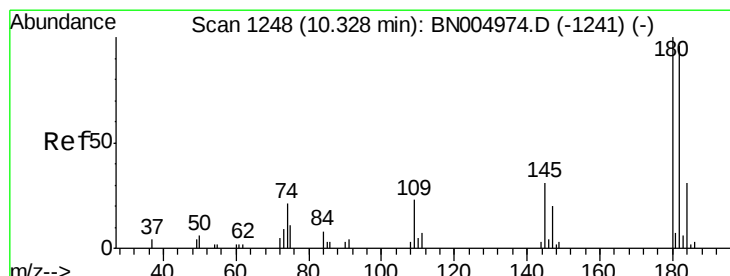
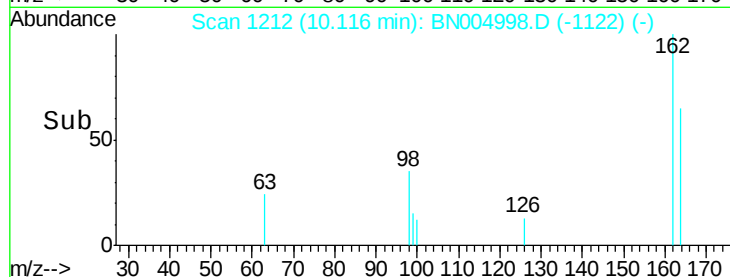
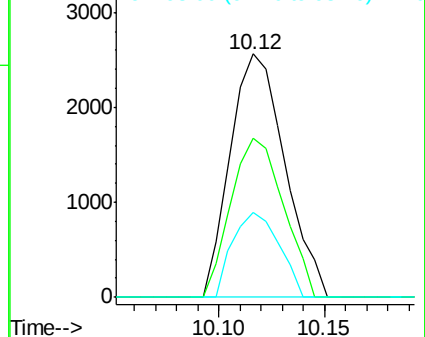
98 34.8 15.3 55.3



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



#30

1,2,4-Trichlorobenzene

Concen: 7.908 ng

RT: 10.32 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

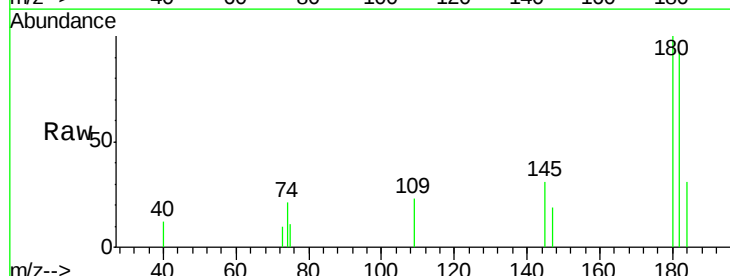
Tgt Ion:180 Resp: 5589

Ion Ratio Lower Upper

180 100

182 93.1 76.6 114.8

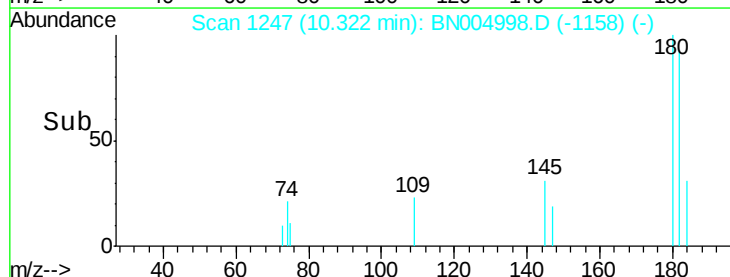
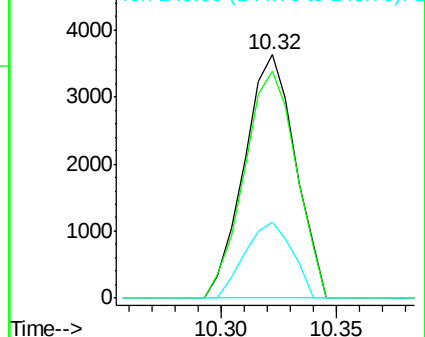
145 31.4 24.6 37.0

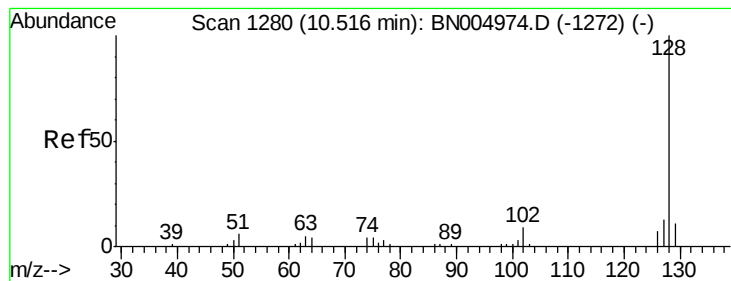


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 8.059 ng

RT: 10.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

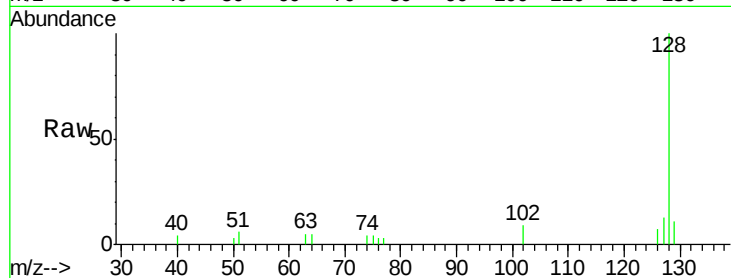
Tot Ion:128 Resp: 17356

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

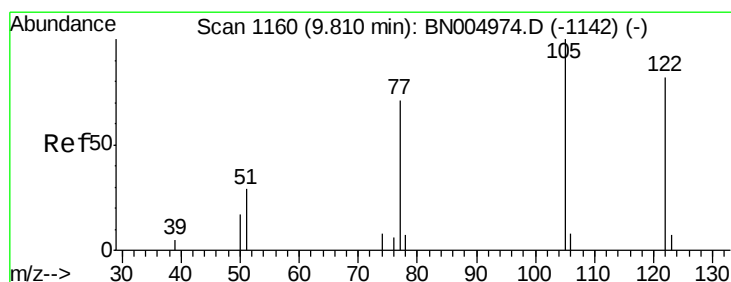
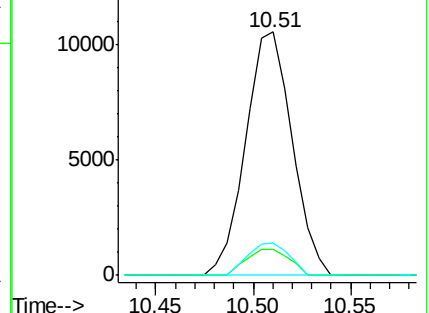
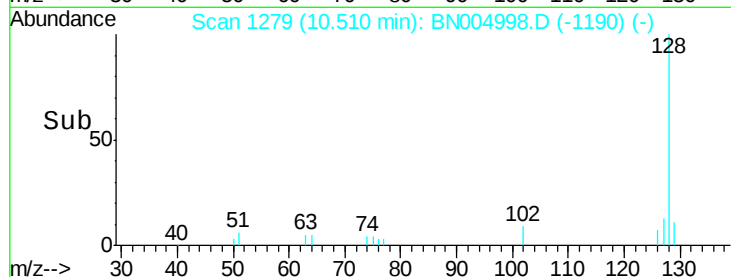
127 13.1 10.8 16.2



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: 7.881 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

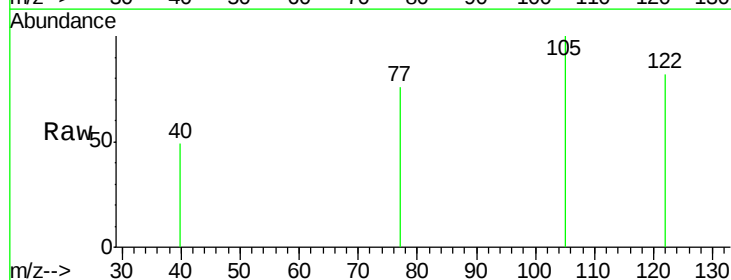
Tgt Ion:122 Resp: 1110

Ion Ratio Lower Upper

122 100

105 122.0 102.4 142.4

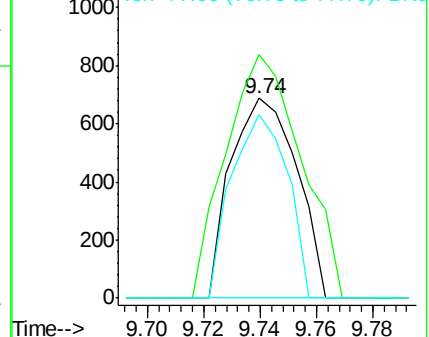
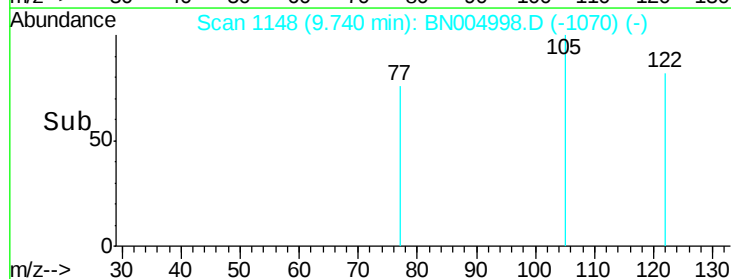
77 92.1 67.1 107.1



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): BNC

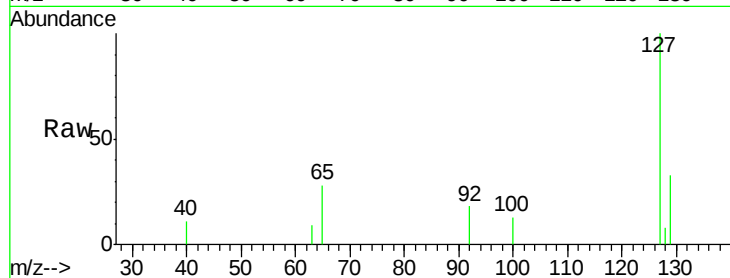




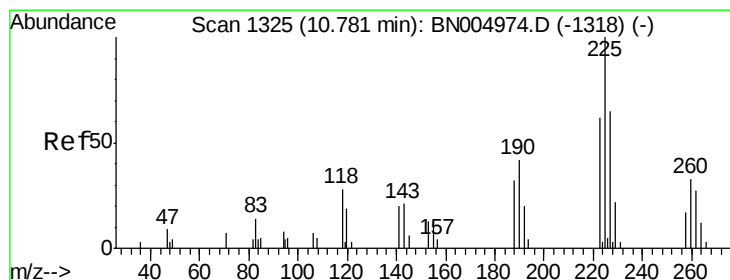
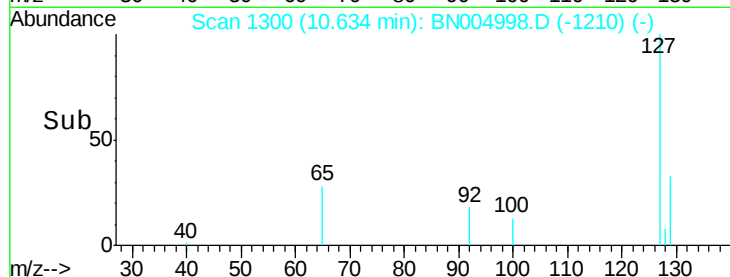
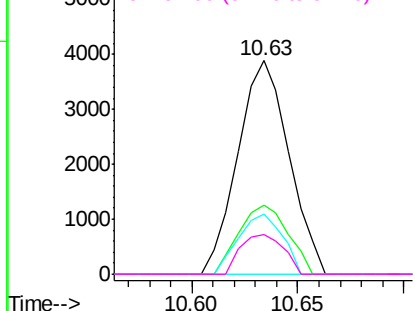
#33
4-Chloroaniline
Concen: 7.440 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:127	Resp:	6519	
Ion Ratio	Lower	Upper	
127 100			
129 32.6	25.9	38.9	
65 28.0	21.4	32.0	
92 18.4	15.3	22.9	

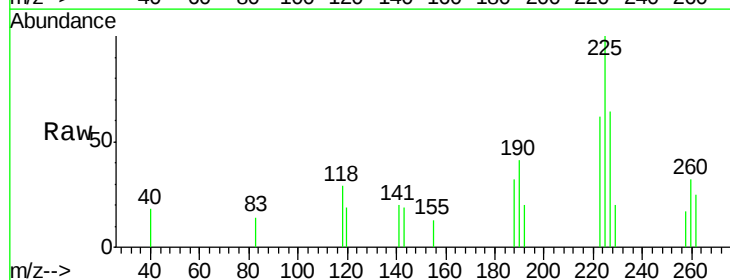


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

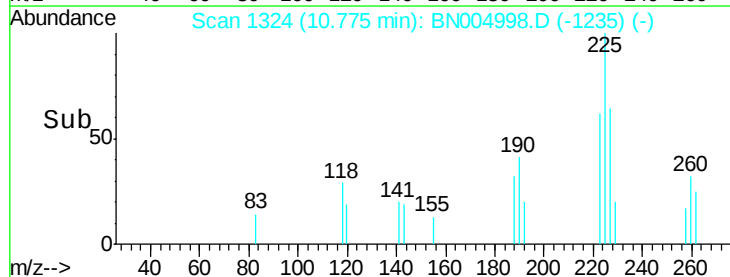
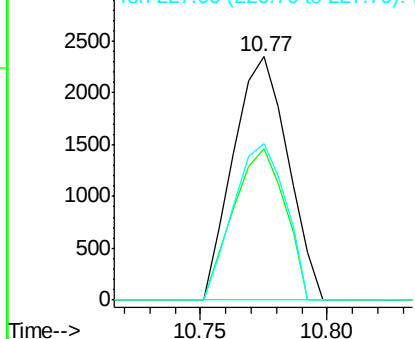


#34
Hexachlorobutadiene
Concen: 7.717 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion	225	Resp: Lower	3529 Upper
225	100		
223	62.2	49.7	74.5
227	64.3	52.0	78.0



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: 5.360 ng

RT: 11.40 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

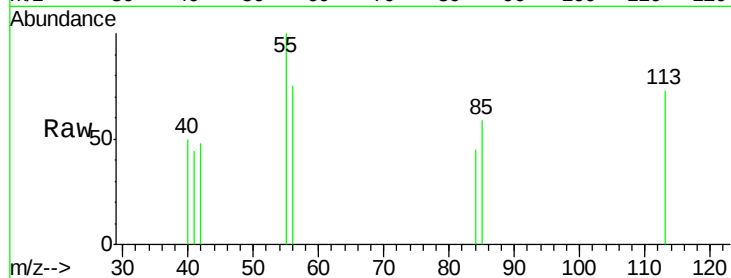
Tot Ion:113 Resp: 1126

Ion Ratio Lower Upper

113 100

55 137.8 115.8 155.8

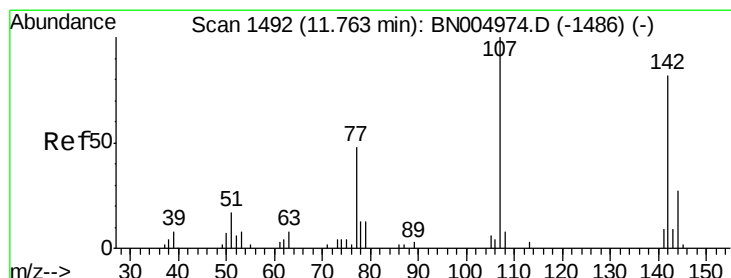
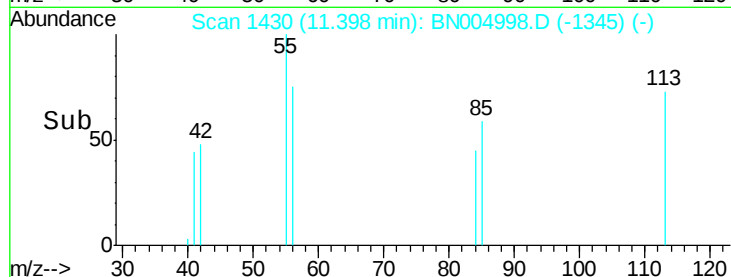
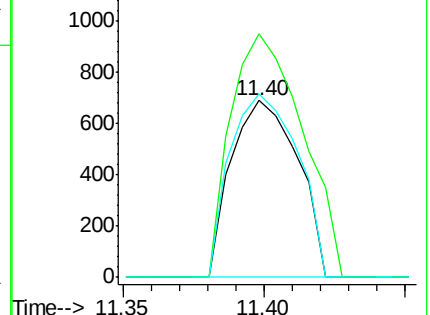
56 103.5 85.1 125.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 7.300 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

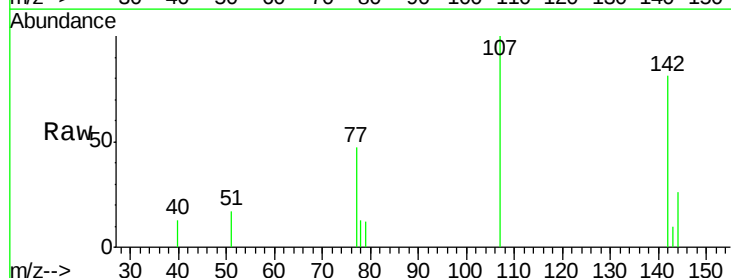
Tgt Ion:107 Resp: 5060

Ion Ratio Lower Upper

107 100

144 25.6 21.3 31.9

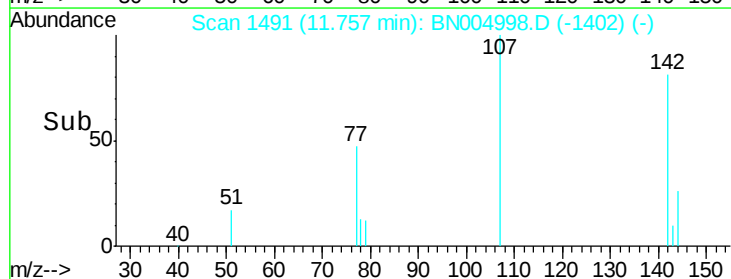
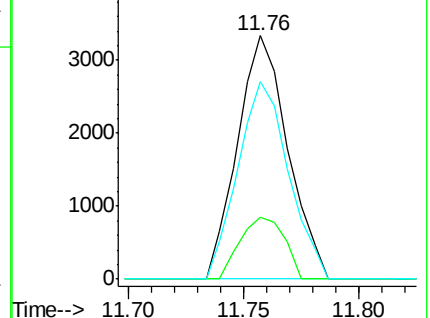
142 81.3 65.8 98.8

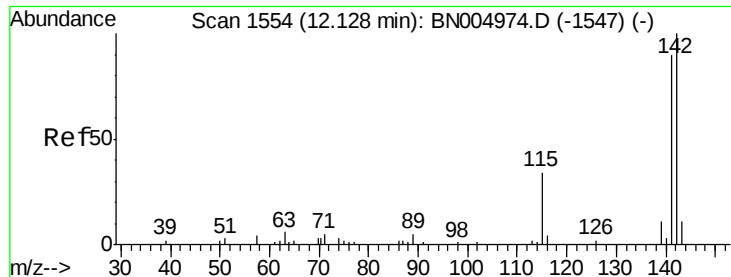


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

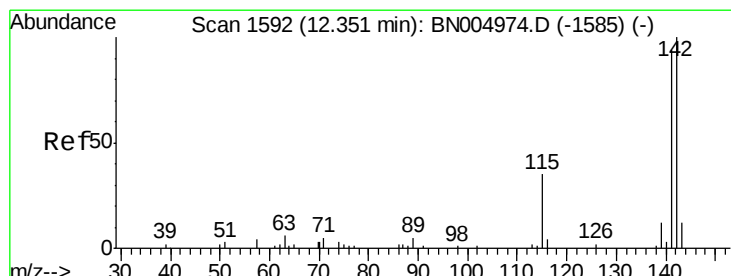
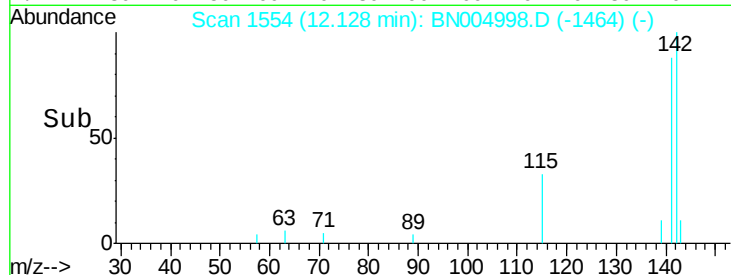
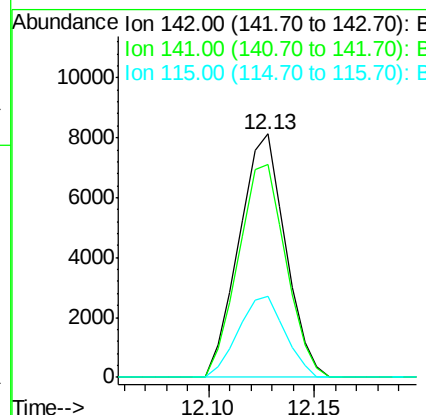
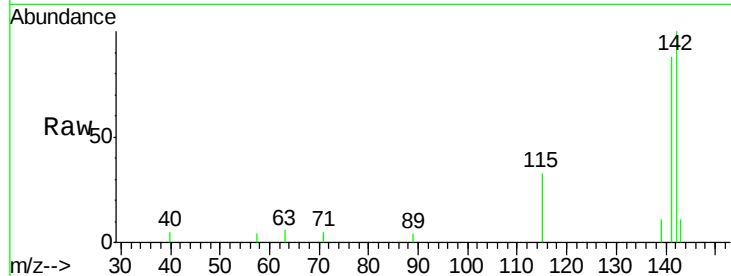




#37
 2-Methylnaphthalene
 Concen: 8.136 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

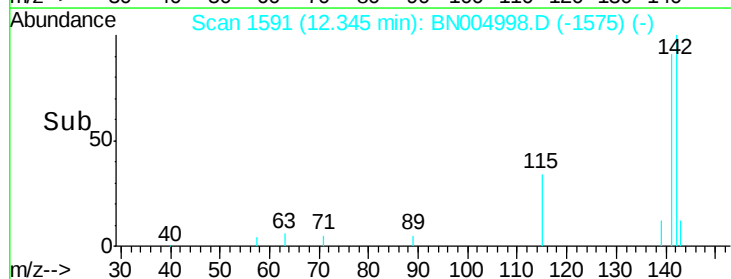
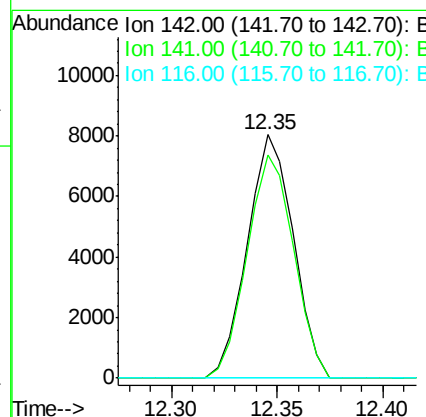
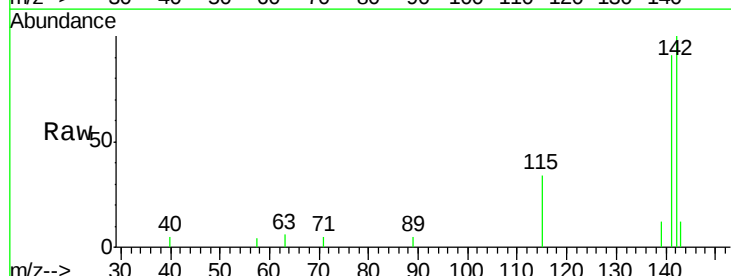
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion:142 Resp: 12373
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.8 107.8
 115 33.2 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 8.165 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:142 Resp: 12150
 Ion Ratio Lower Upper
 142 100
 141 91.4 74.9 112.3
 116 0.0 3.0 4.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

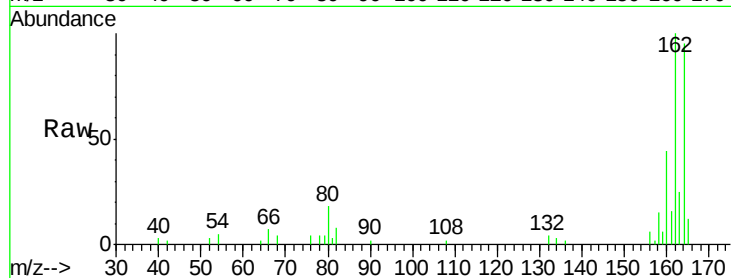
Tot Ion:164 Resp: 24728

Ion Ratio Lower Upper

164 100

162 104.9 83.4 125.0

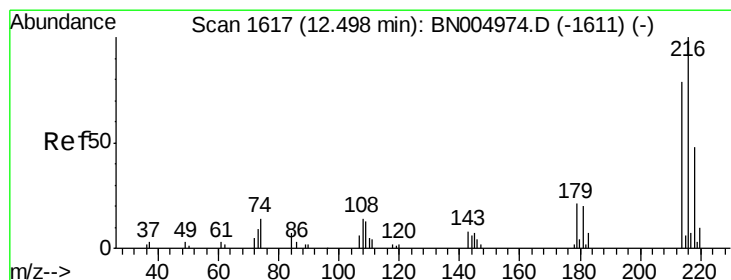
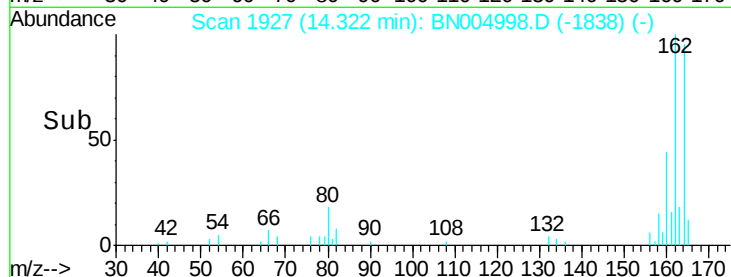
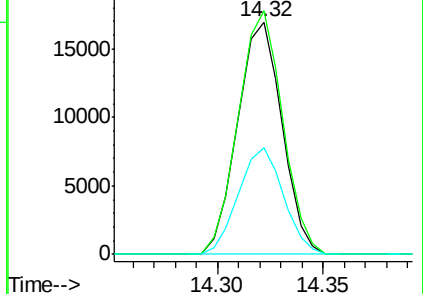
160 45.9 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.612 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Tgt Ion:216 Resp: 6676

Ion Ratio Lower Upper

216 100

214 77.5 62.6 94.0

179 18.1 16.4 24.6

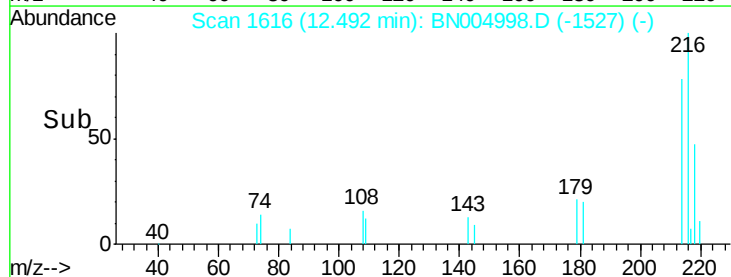
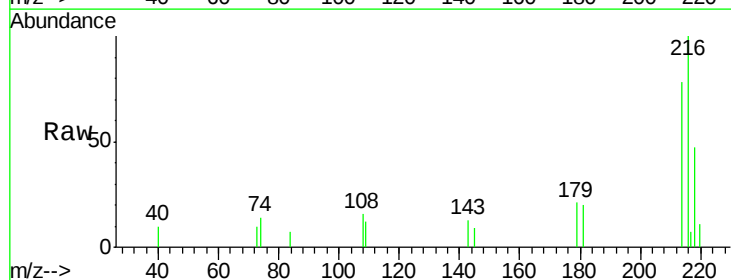
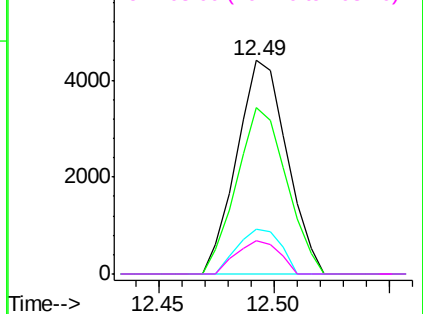
108 13.2 12.7 19.1

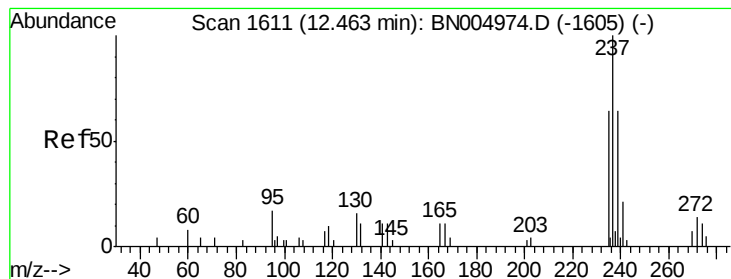
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.949 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

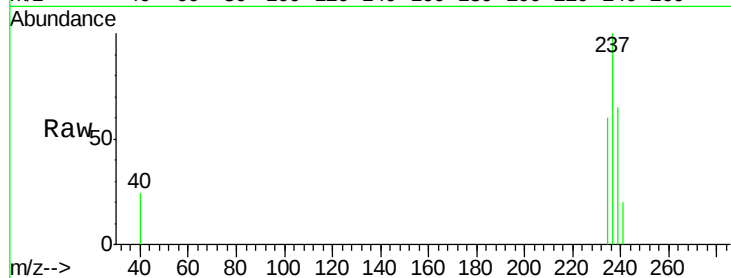
Tot Ion:237 Resp: 2345

Ion Ratio Lower Upper

237 100

235 60.3 43.6 83.6

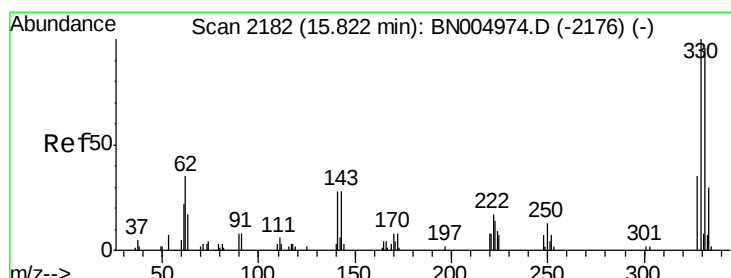
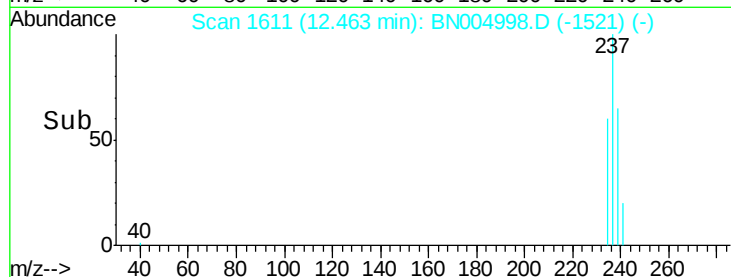
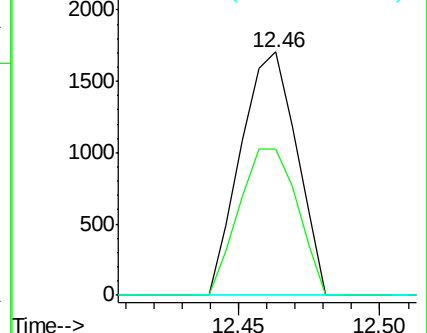
272 0.0 0.0 33.5



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: 144.969 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

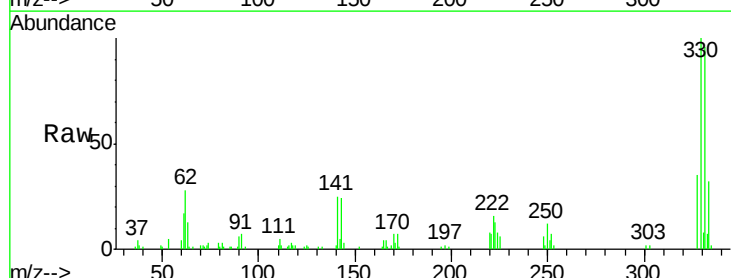
Tgt Ion:330 Resp: 57816

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

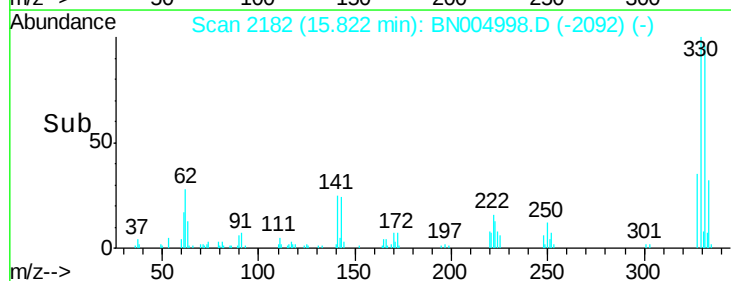
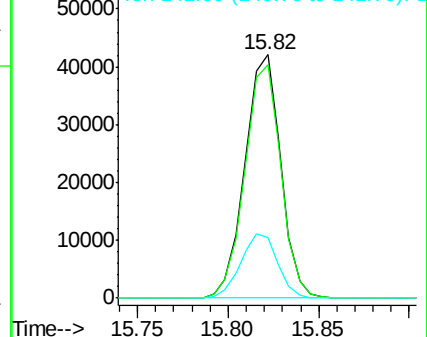
141 27.1 22.1 33.1



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: 6.650 ng

RT: 12.75 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

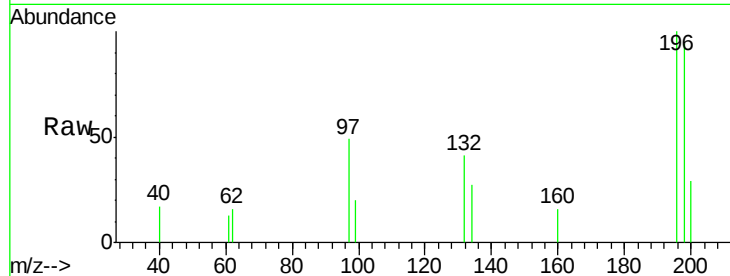
Tot Ion:196 Resp: 3619

Ion Ratio Lower Upper

196 100

198 93.7 76.5 114.7

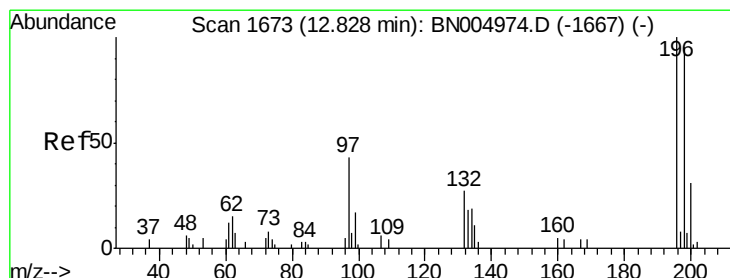
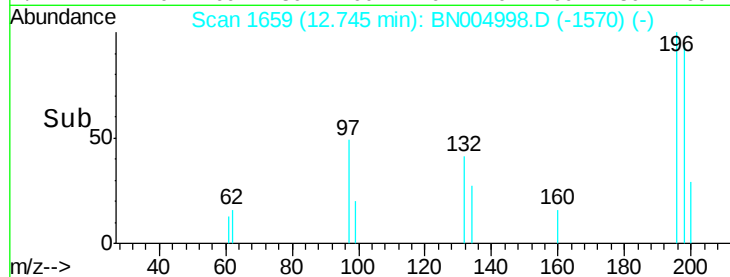
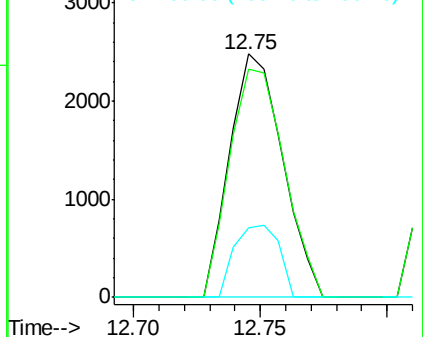
200 28.6 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 6.558 ng

RT: 12.83 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Tgt Ion:196 Resp: 3888

Ion Ratio Lower Upper

196 100

198 96.1 76.1 114.1

97 43.1 34.8 52.2

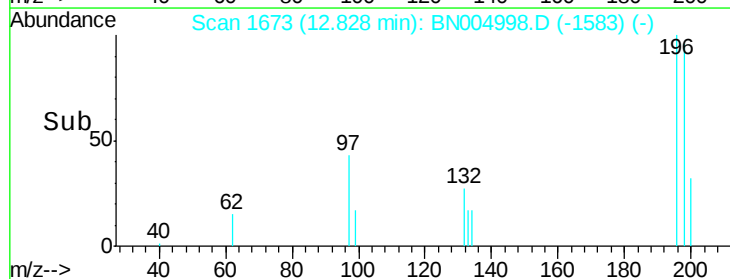
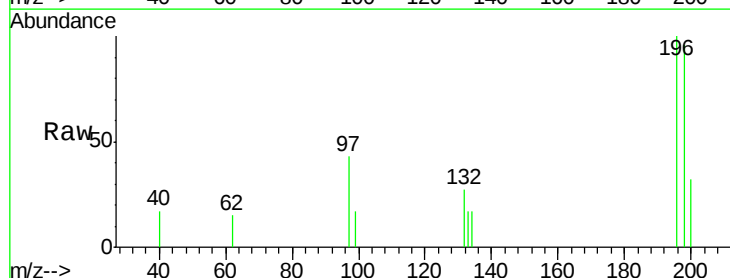
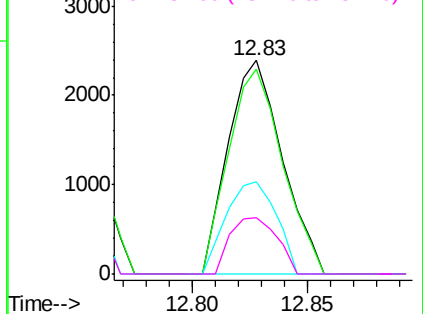
132 26.7 21.7 32.5

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): BNC

Ion 132.00 (131.70 to 132.70): E

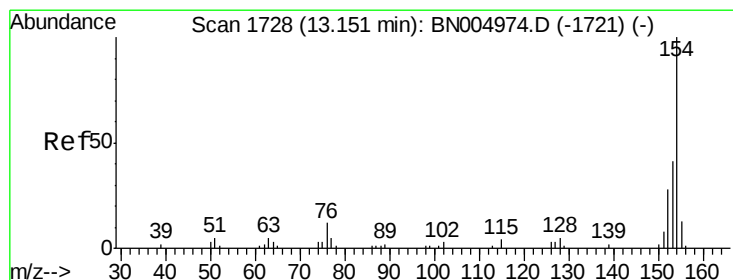
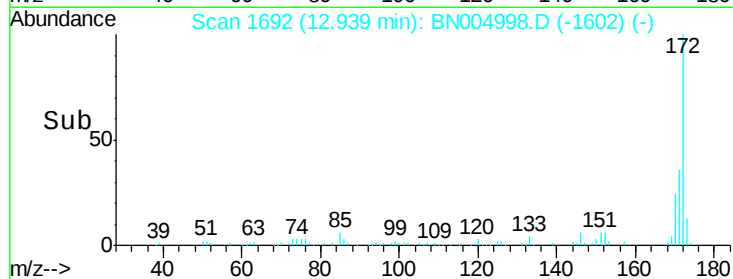
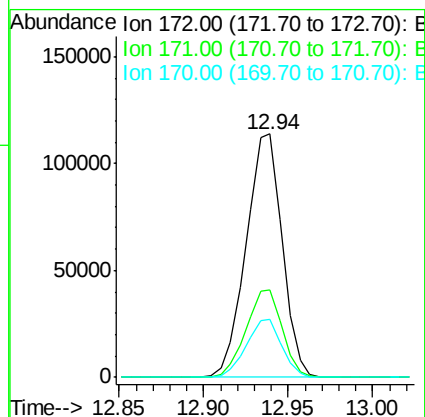
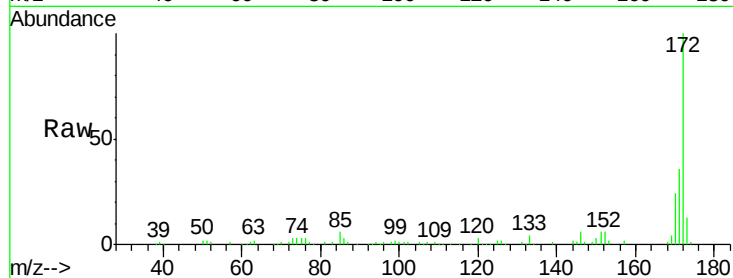




#45
 2-Fluorobiphenyl
 Concen: 91.056 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

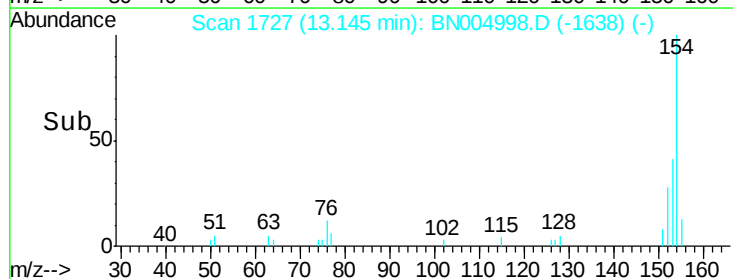
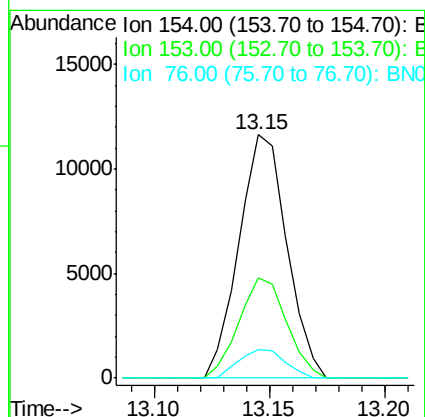
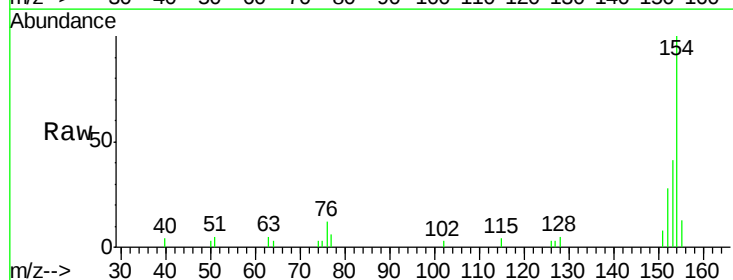
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

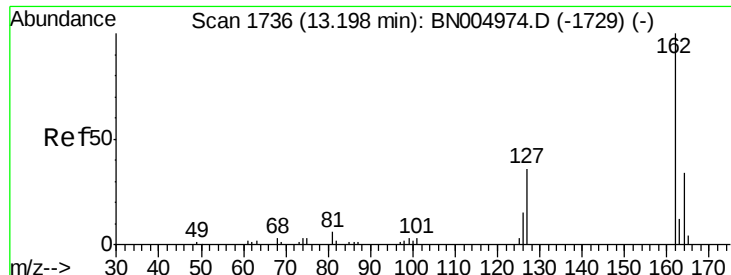
Tot Ion:172 Resp: 169919
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.6 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 8.039 ng
 RT: 13.15 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:154 Resp: 16824
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.2 61.2
 76 11.9 0.0 32.2

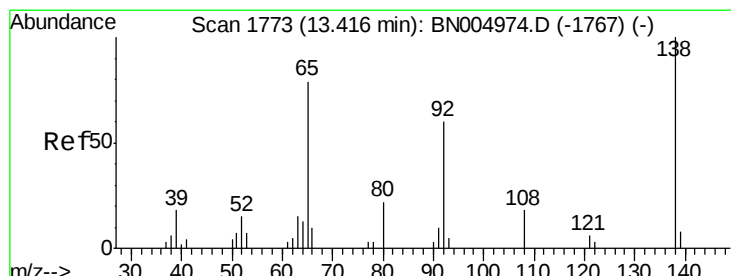
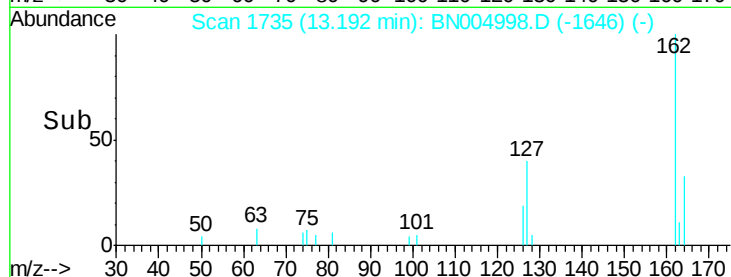
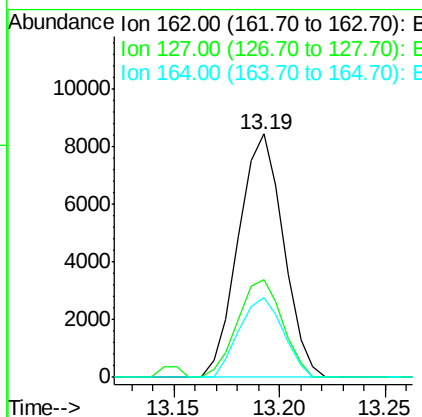
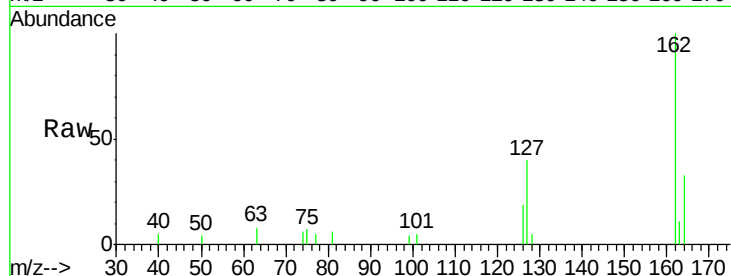




#47
 2-Chloronaphthalene
 Concen: 7.781 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

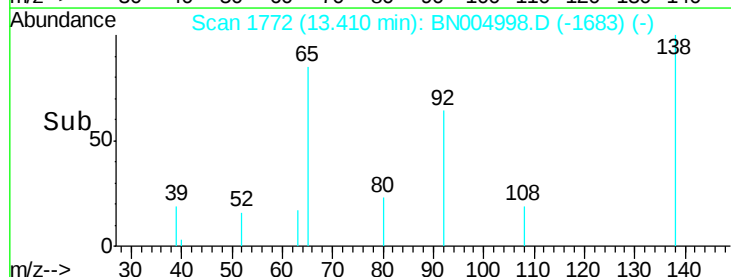
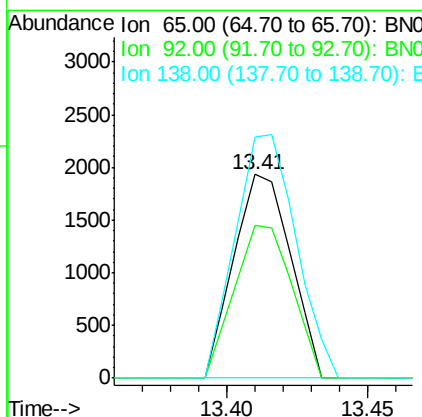
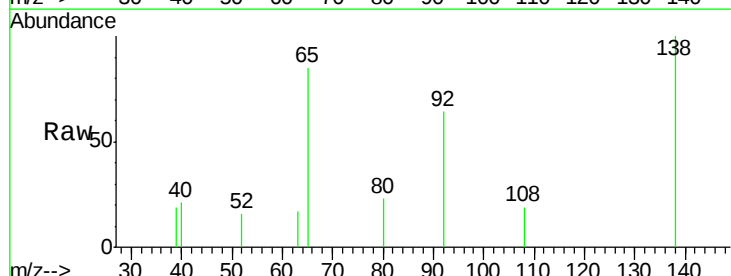
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion:162 Resp: 12497
 Ion Ratio Lower Upper
 162 100
 127 40.0 32.4 48.6
 164 32.6 26.8 40.2



#48
 2-Nitroaniline
 Concen: 6.334 ng
 RT: 13.41 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion: 65 Resp: 2708
 Ion Ratio Lower Upper
 65 100
 92 75.2 60.2 90.4
 138 118.0 101.1 151.7





#49

Acenaphthylene

Concen: 7.865 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

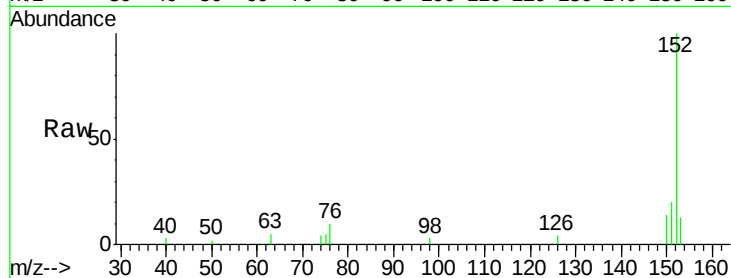
Tot Ion:152 Resp: 21245

Ion Ratio Lower Upper

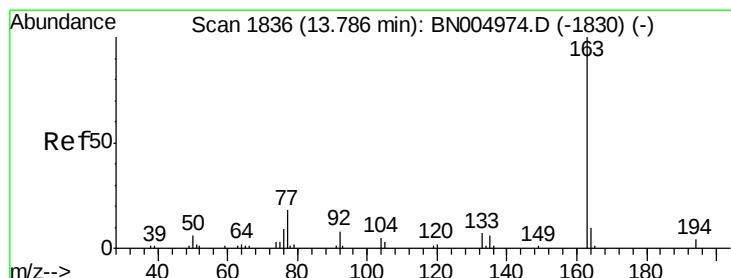
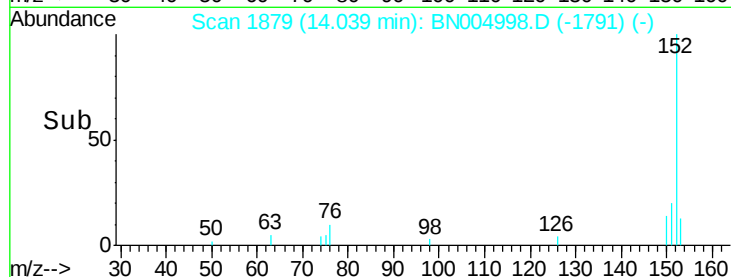
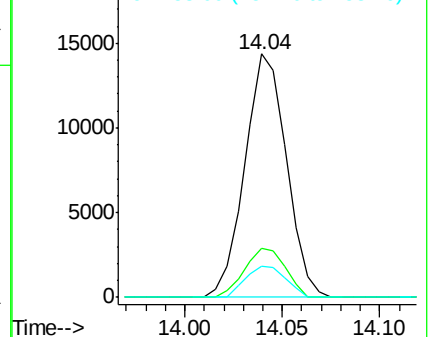
152 100

151 19.9 16.2 24.2

153 13.0 10.3 15.5



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: 8.025 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

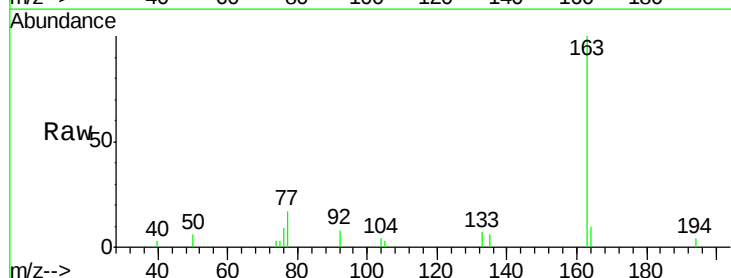
Tgt Ion:163 Resp: 16304

Ion Ratio Lower Upper

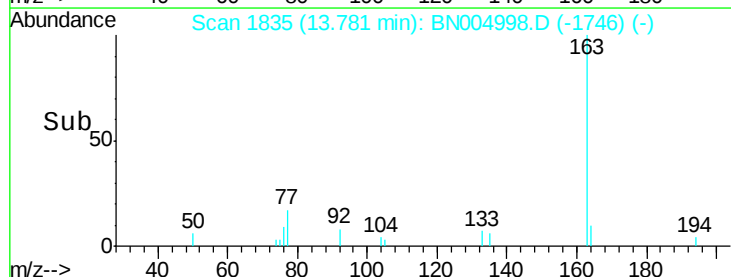
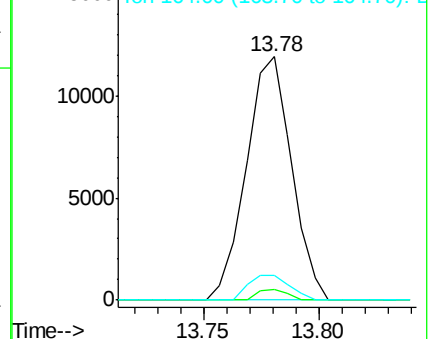
163 100

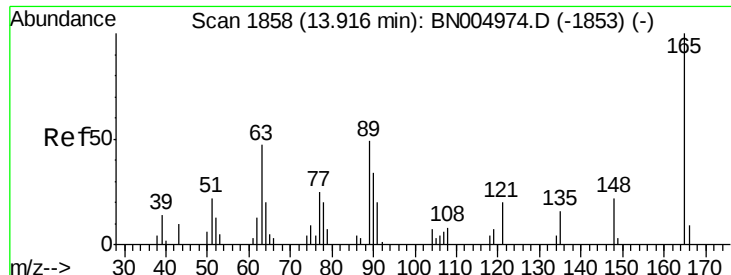
194 4.3 3.4 5.0

164 10.2 8.3 12.5



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

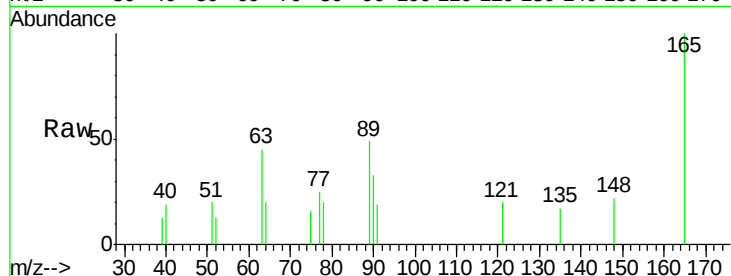




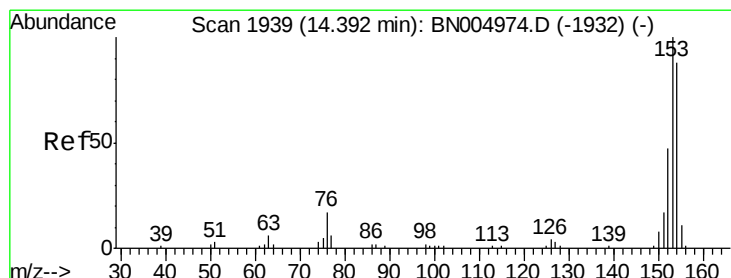
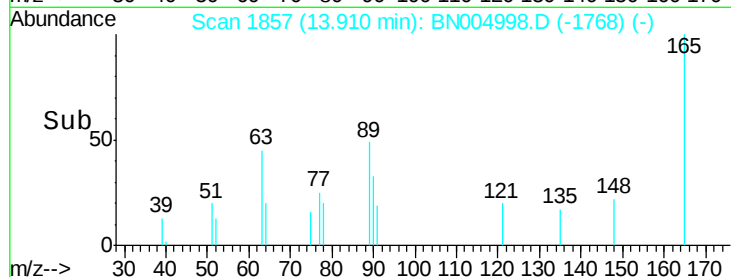
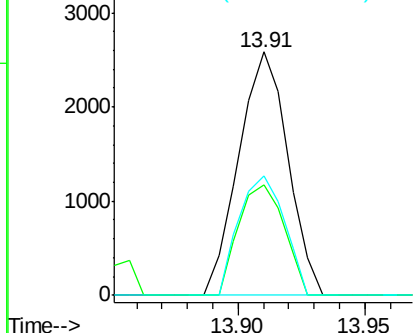
#51
2,6-Dinitrotoluene
Concen: 7.556 ng
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:165 Resp: 3493
Ion Ratio Lower Upper
165 100
63 45.5 37.3 55.9
89 49.2 39.2 58.8

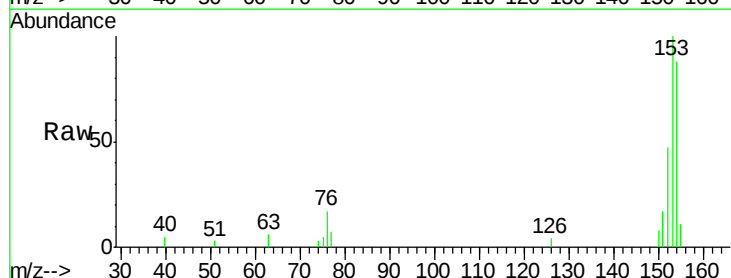


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC

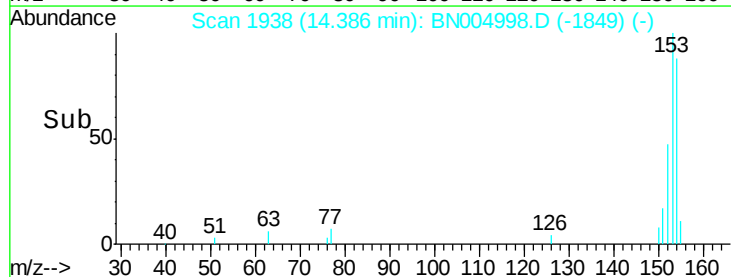
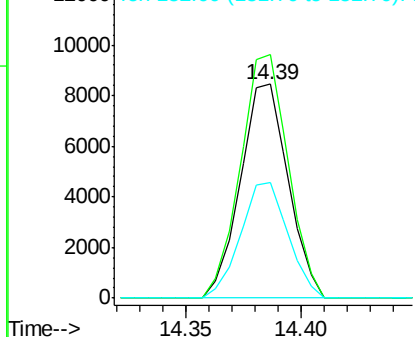


#52
Acenaphthene
Concen: 8.023 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:154 Resp: 12192
Ion Ratio Lower Upper
154 100
153 113.8 91.0 136.4
152 53.8 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

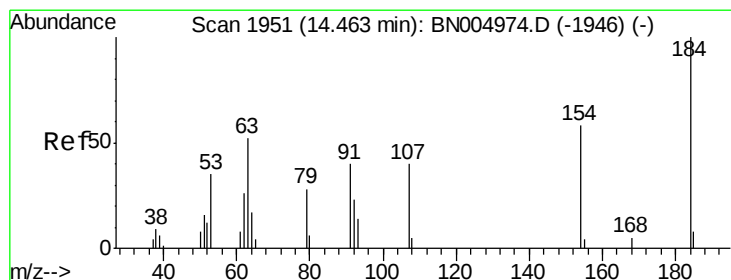
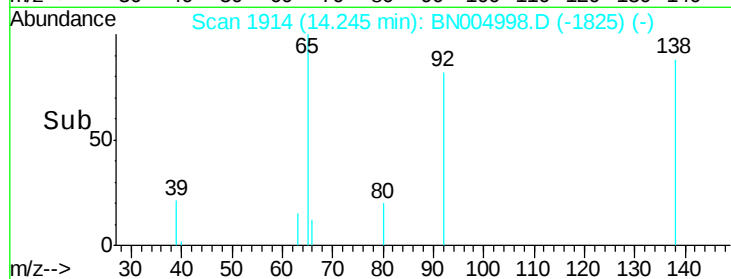
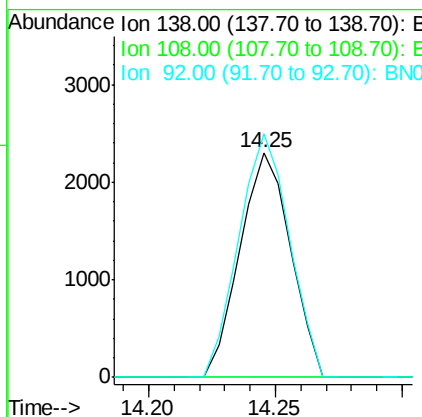
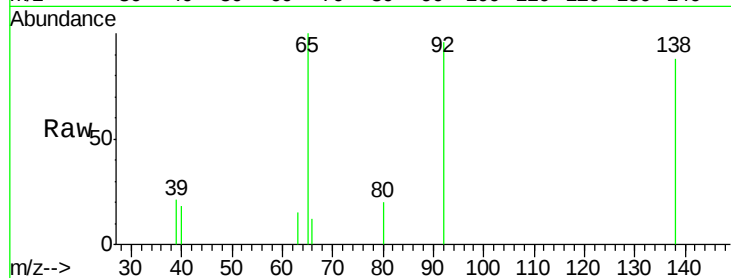




#53
 3-Nitroaniline
 Concen: 6.781 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

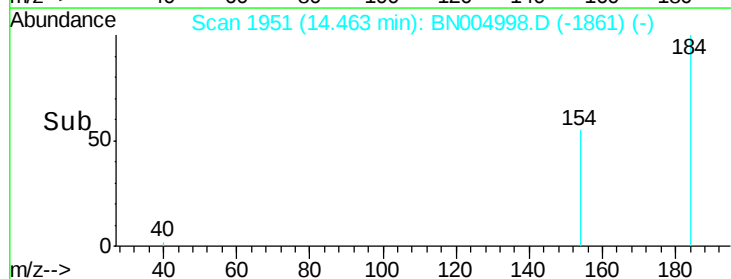
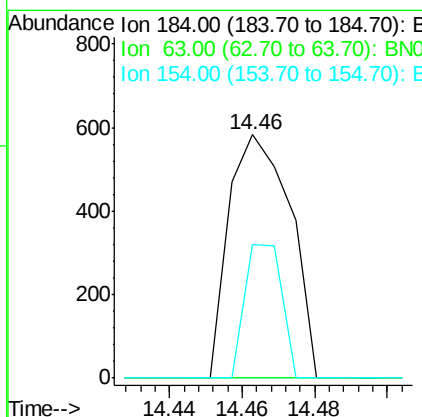
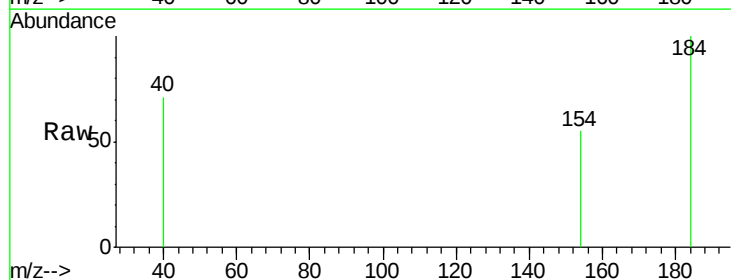
Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

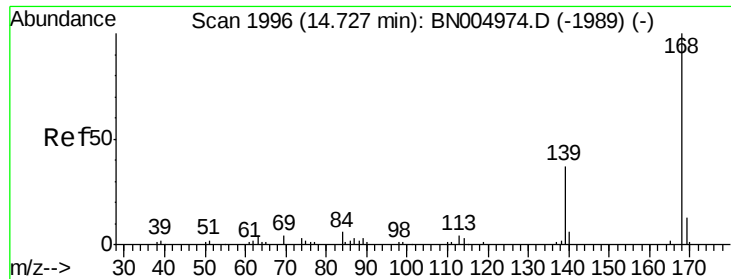
Tot Ion:138 Resp: 3204
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.6 12.8#
 92 108.3 86.9 130.3



#54
 2,4-Dinitrophenol
 Concen: 9.466 ng
 RT: 14.46 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:184 Resp: 684
 Ion Ratio Lower Upper
 184 100
 63 0.0 41.6 62.4#
 154 54.9 46.8 70.2

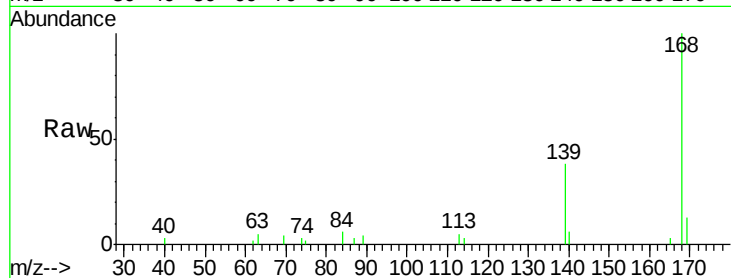




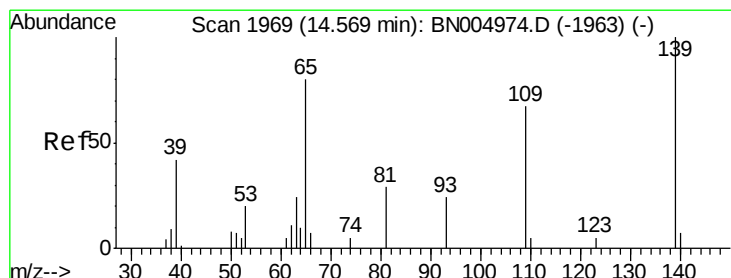
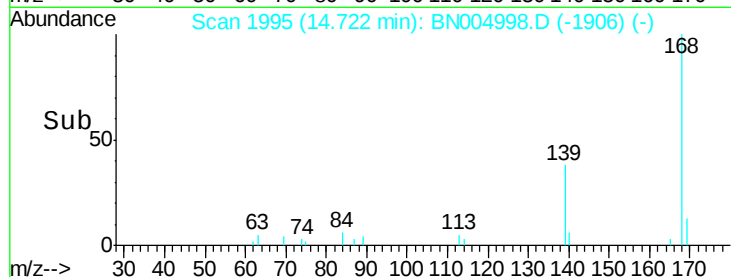
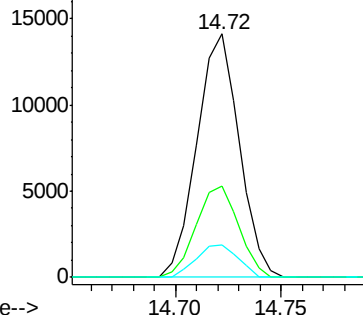
#55
Dibenzenofuran
Concen: 8.113 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:168 Resp: 19617
Ion Ratio Lower Upper
168 100
139 37.6 29.9 44.9
169 13.2 10.6 15.8

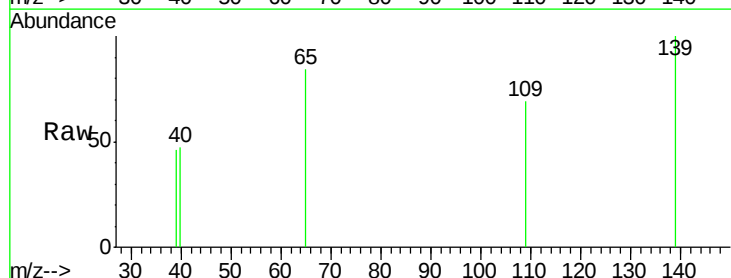


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

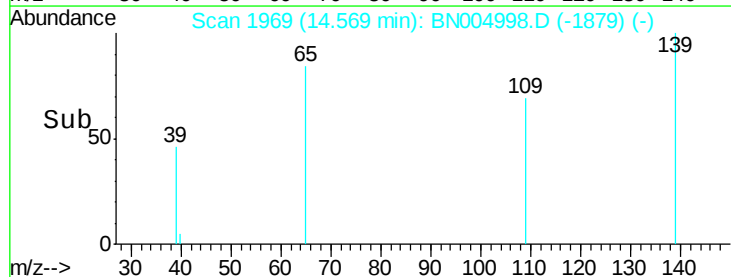
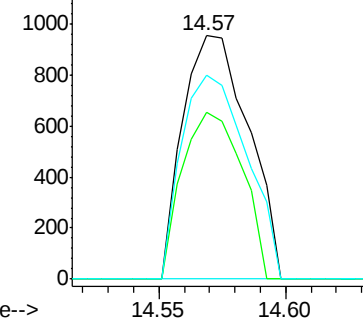


#56
4-Nitrophenol
Concen: 4.621 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:139 Resp: 1720
Ion Ratio Lower Upper
139 100
109 68.6 46.5 86.5
65 83.9 59.5 99.5



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): BNC

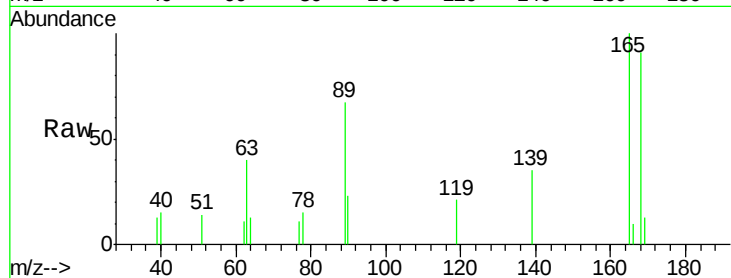




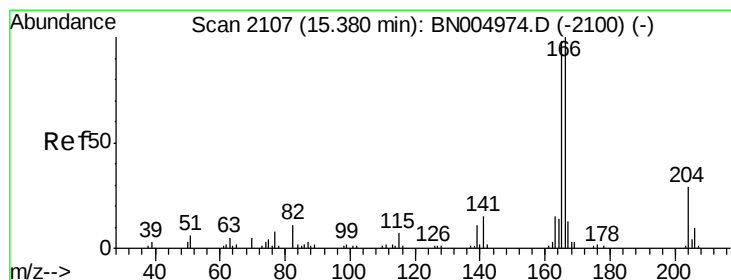
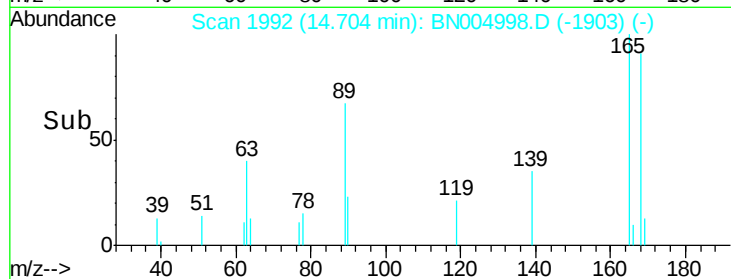
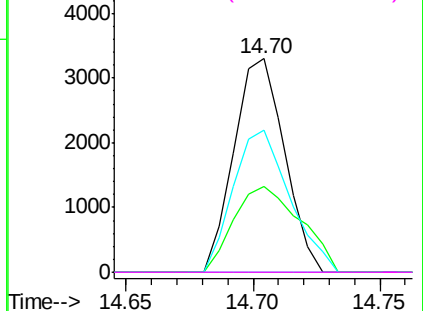
#57
2,4-Dinitrotoluene
Concen: 7.290 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:165 Resp: 4580
Ion Ratio Lower Upper
165 100
63 40.1 30.4 45.6
89 66.8 50.7 76.1
182 0.0 2.5 3.7#

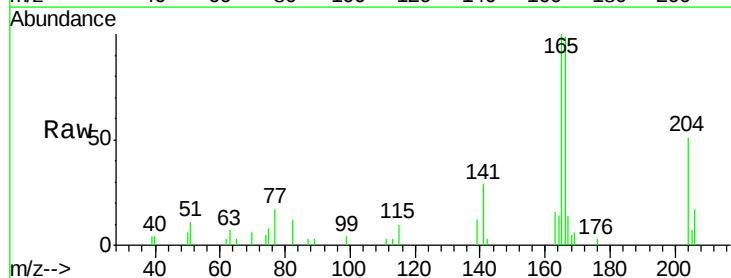


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

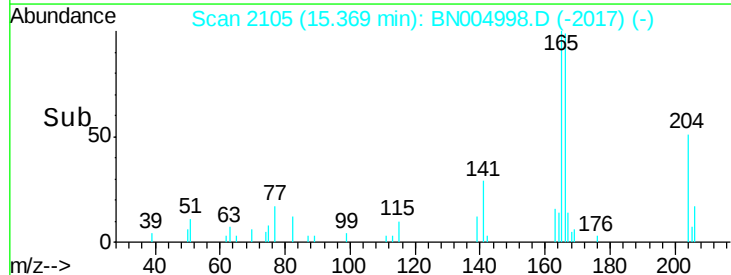
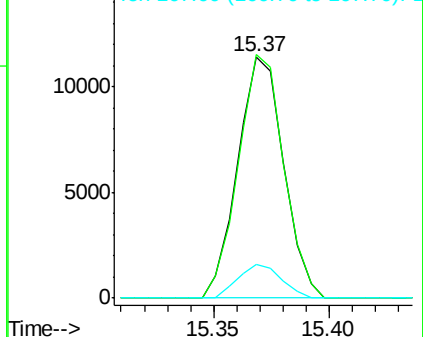


#58
Fluorene
Concen: 8.128 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:166 Resp: 15876
Ion Ratio Lower Upper
166 100
165 100.9 78.3 117.5
167 14.0 10.6 15.8



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

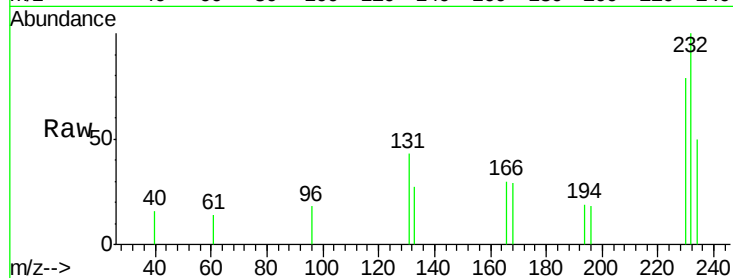




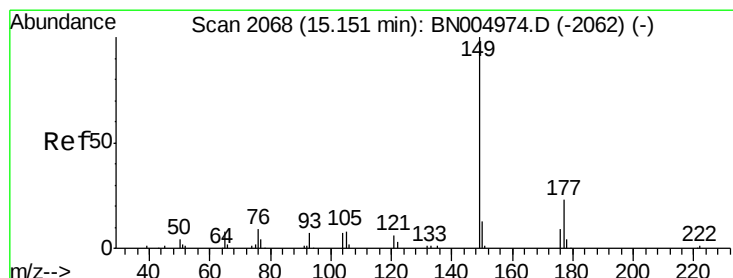
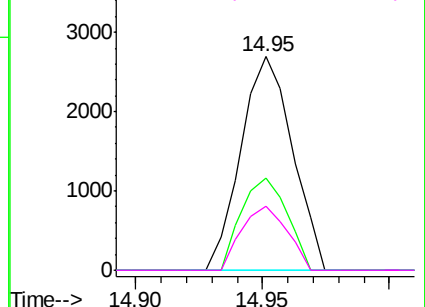
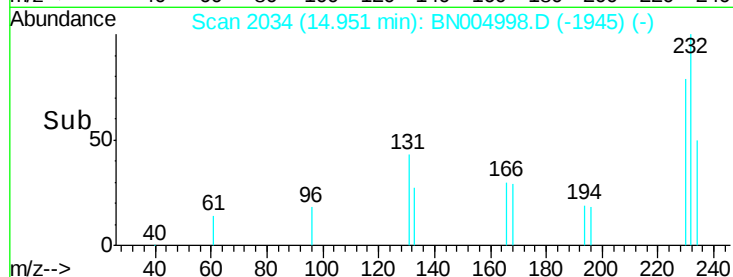
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.916 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion:232 Resp: 3802
 Ion Ratio Lower Upper
 232 100
 131 38.2 32.4 48.6
 130 0.0 0.9 1.3#
 166 26.5 22.6 34.0

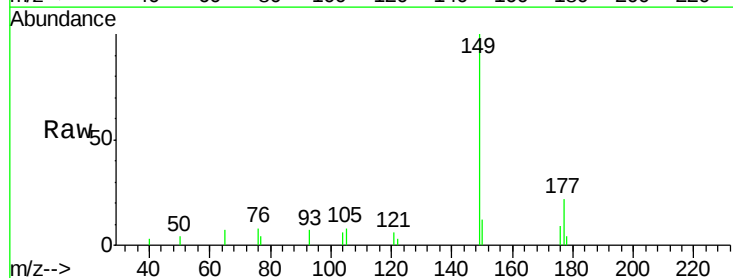


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

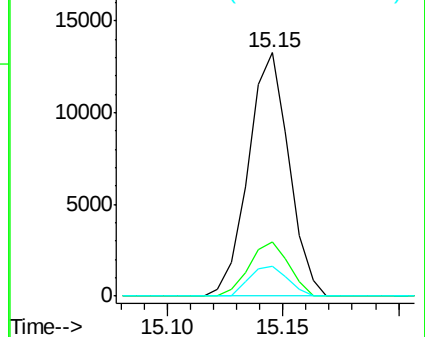
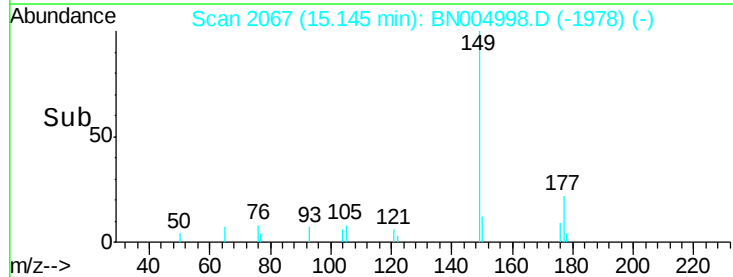


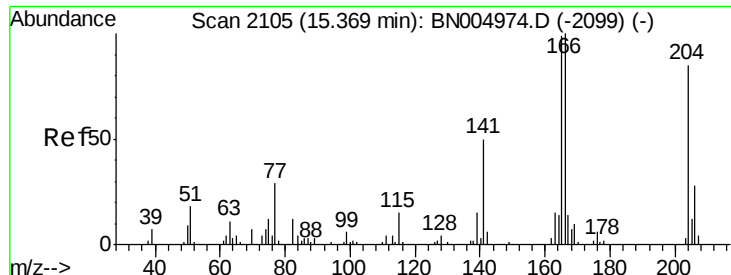
#60
 Diethylphthalate
 Concen: 8.029 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:149 Resp: 16277
 Ion Ratio Lower Upper
 149 100
 177 22.3 18.1 27.1
 150 12.4 10.1 15.1



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

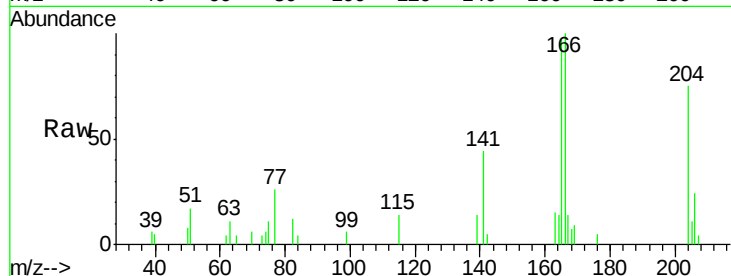




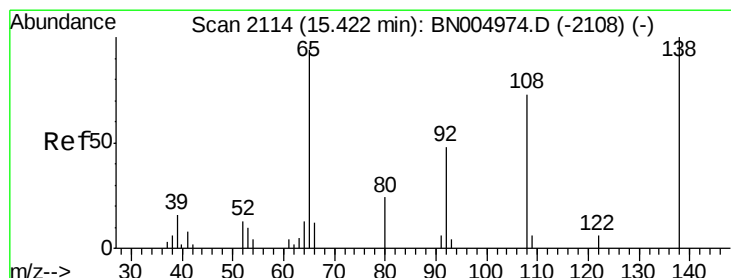
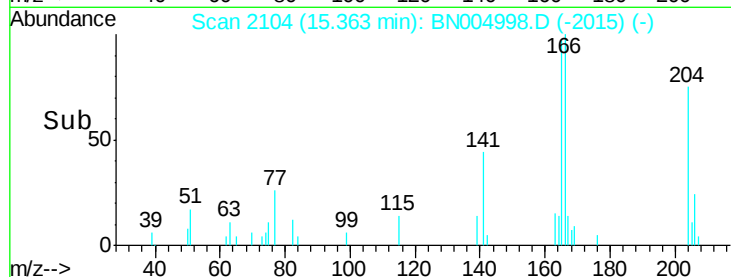
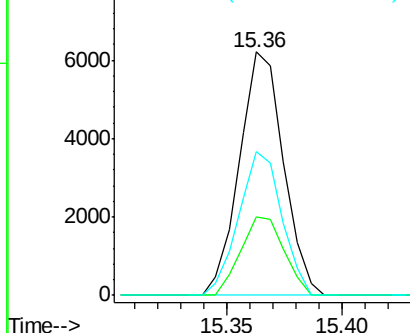
#61
4-Chlorophenyl-phenylether
Concen: 8.218 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:204 Resp: 8281
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 59.2 47.2 70.8

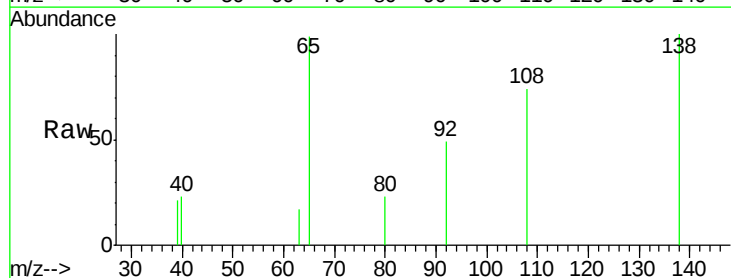


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

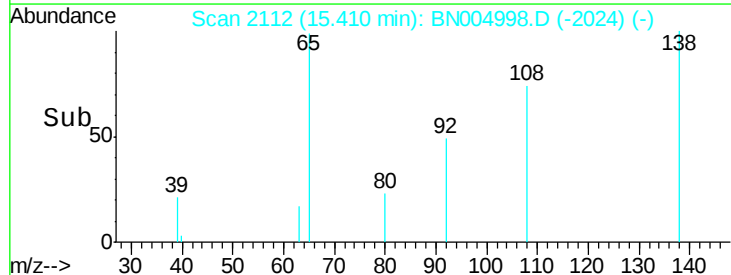
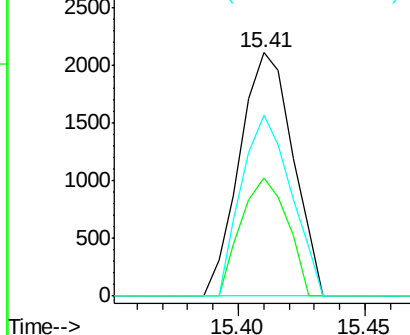


#62
4-Nitroaniline
Concen: 6.511 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:138 Resp: 3091
Ion Ratio Lower Upper
138 100
92 48.6 26.4 66.4
108 74.1 50.8 90.8



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





#63

Azobenzene

Concen: 7.895 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tot Ion: 77 Resp: 13324

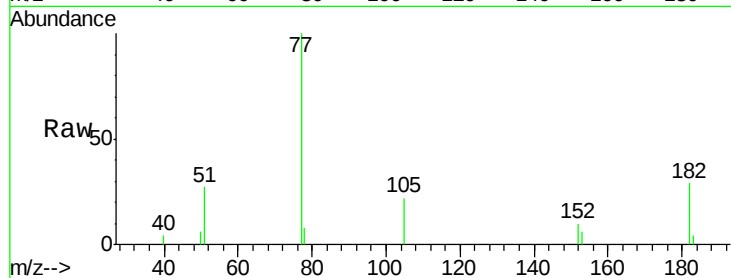
Ion Ratio Lower Upper

77 100

182 29.0 10.0 50.0

105 22.4 2.9 42.9

51 26.5 6.0 46.0

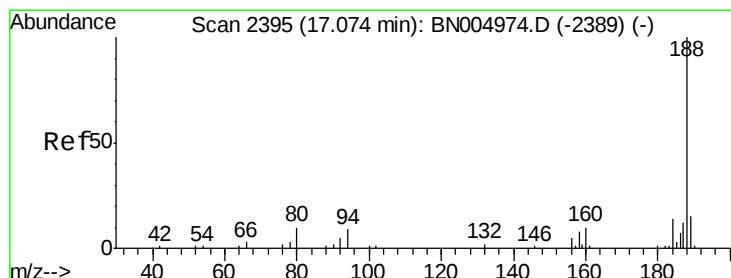
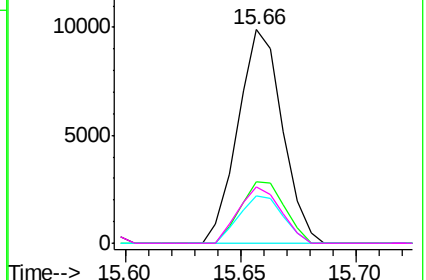
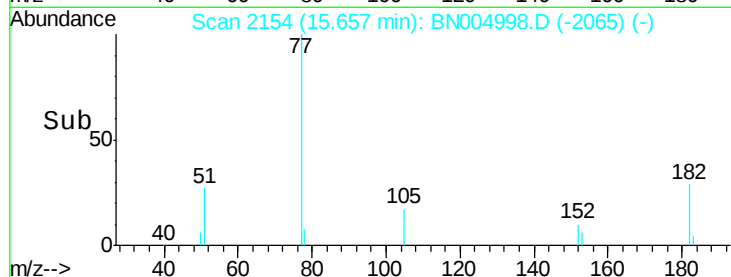


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

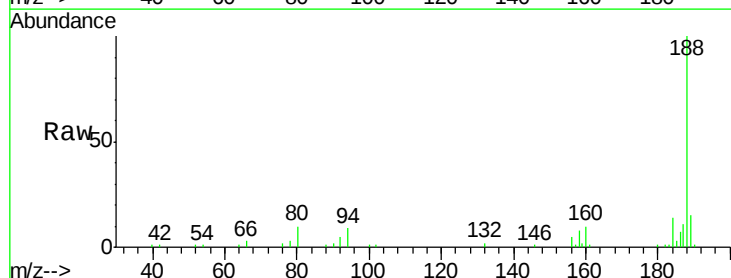
Tgt Ion: 188 Resp: 55430

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

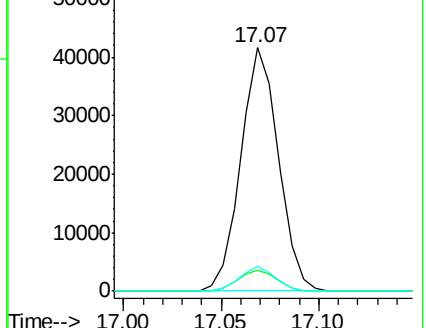
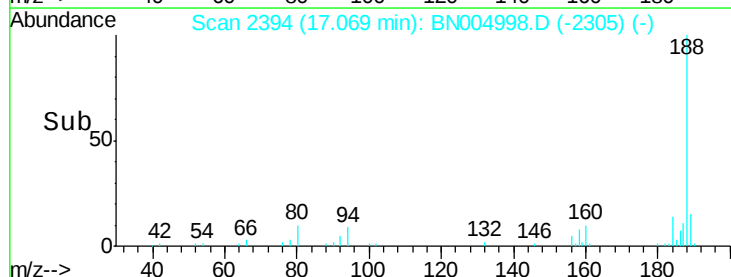
80 10.0 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

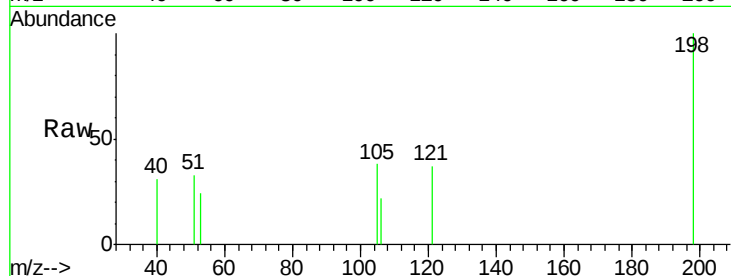




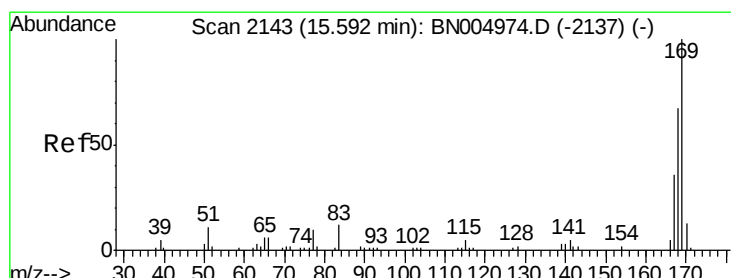
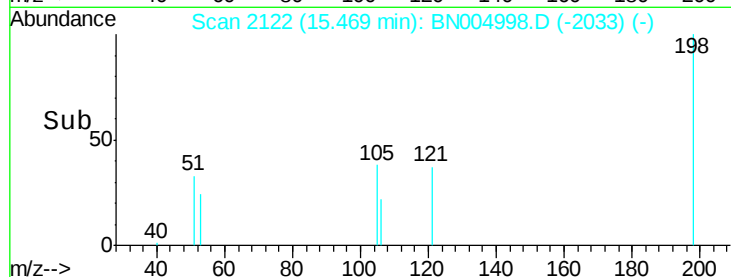
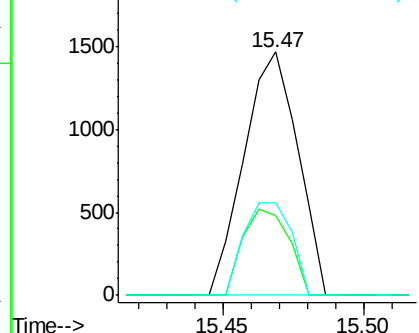
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.003 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion:198 Resp: 1937
 Ion Ratio Lower Upper
 198 100
 51 32.8 12.0 52.0
 105 38.0 17.6 57.6

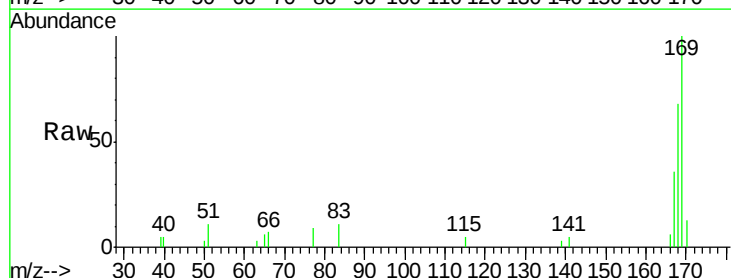


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

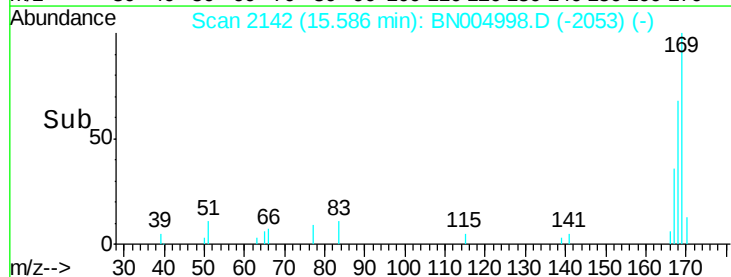
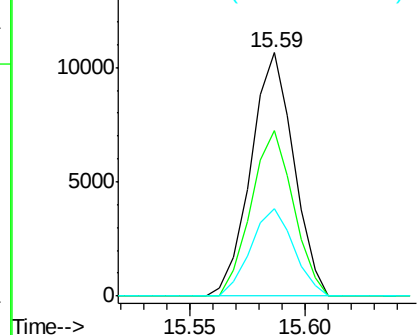


#66
 n-Nitrosodiphenylamine
 Concen: 7.880 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:169 Resp: 13758
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.4 80.2
 167 36.0 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

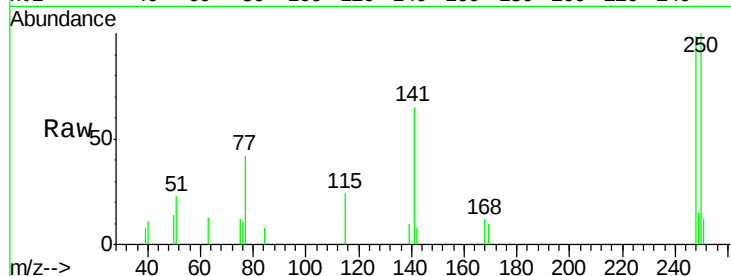




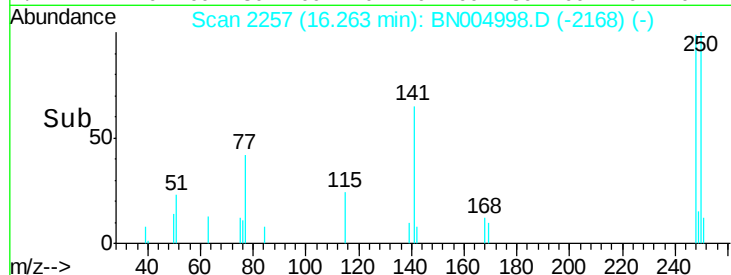
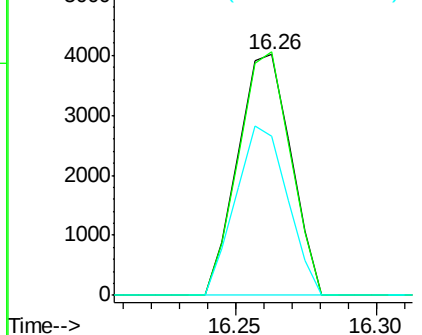
#67
 4-Bromophenyl-phenylether
 Concen: 7.583 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion:248 Resp: 5245
 Ion Ratio Lower Upper
 248 100
 250 101.2 79.4 119.2
 141 66.0 52.3 78.5

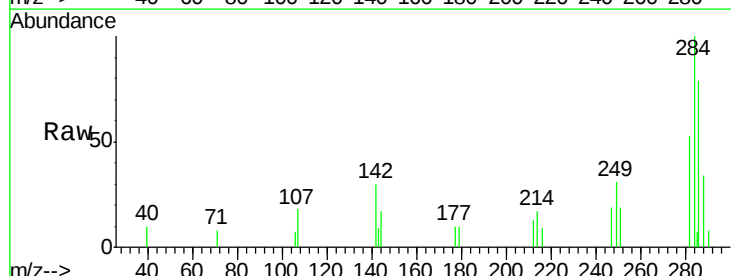


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

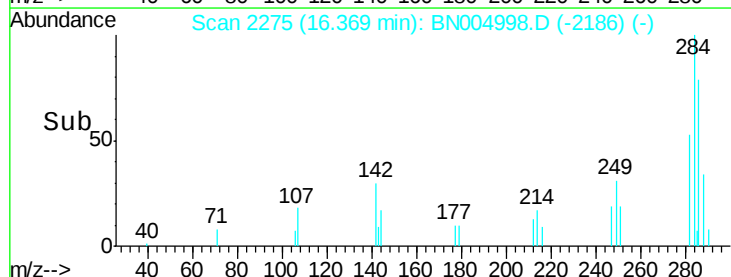
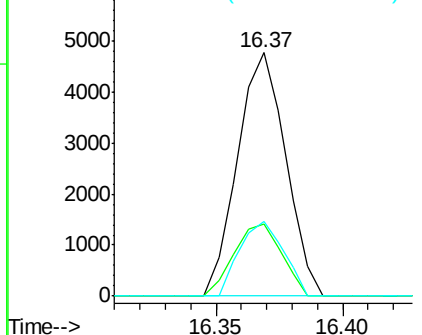


#68
 Hexachlorobenzene
 Concen: 7.822 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:284 Resp: 6339
 Ion Ratio Lower Upper
 284 100
 142 29.6 23.5 35.3
 249 30.7 24.5 36.7



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: 7.528 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

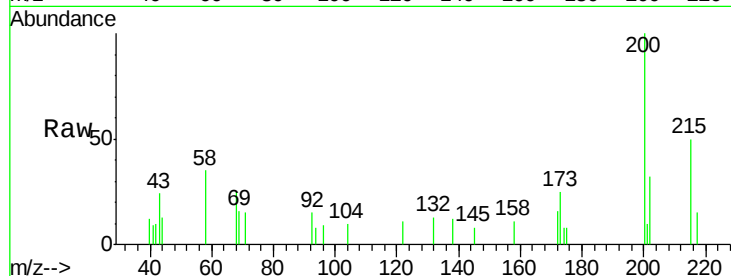
Tot Ion:200 Resp: 4696

Ion Ratio Lower Upper

200 100

173 24.9 6.4 46.4

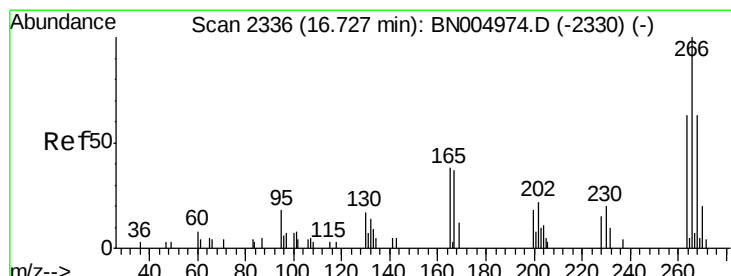
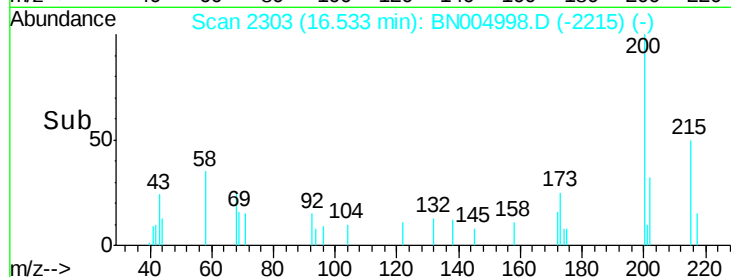
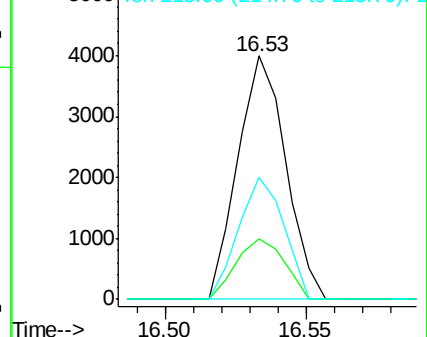
215 50.2 28.8 68.8



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: 4.851 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

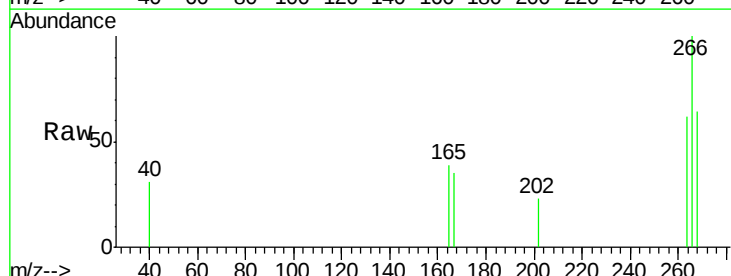
Tgt Ion:266 Resp: 2067

Ion Ratio Lower Upper

266 100

268 63.9 50.8 76.2

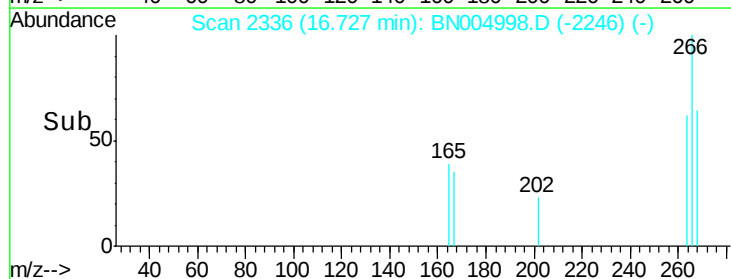
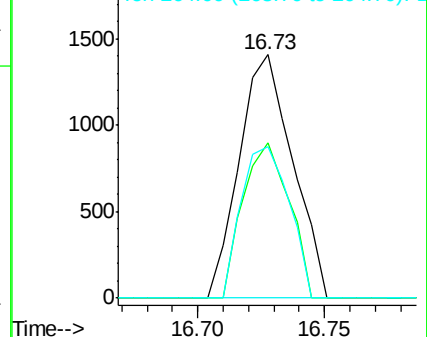
264 62.0 50.0 75.0

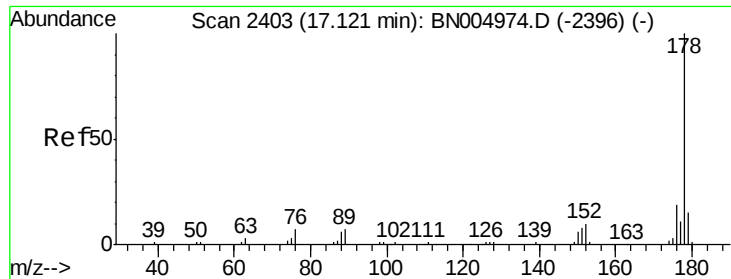


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

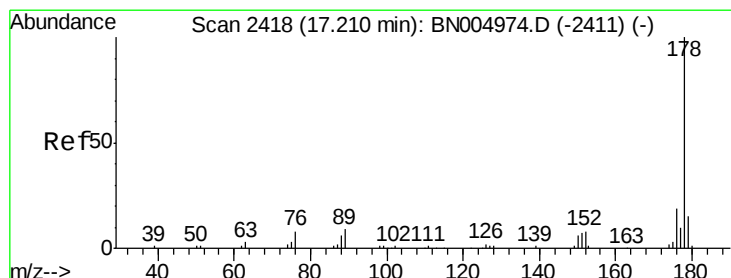
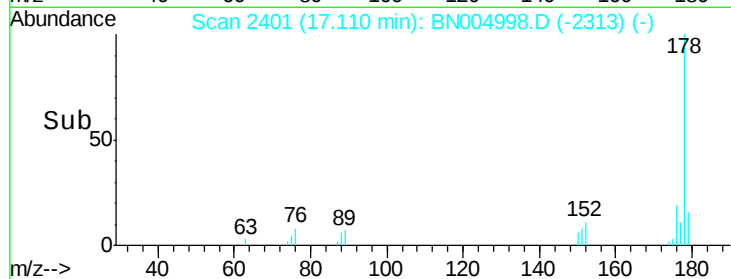
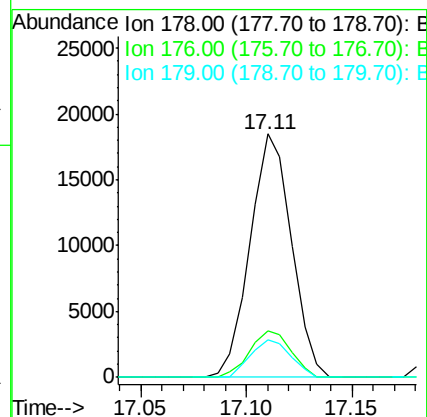
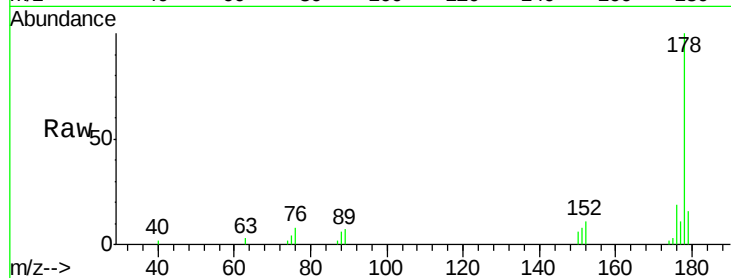




#71
Phenanthrene
Concen: 8.085 ng
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

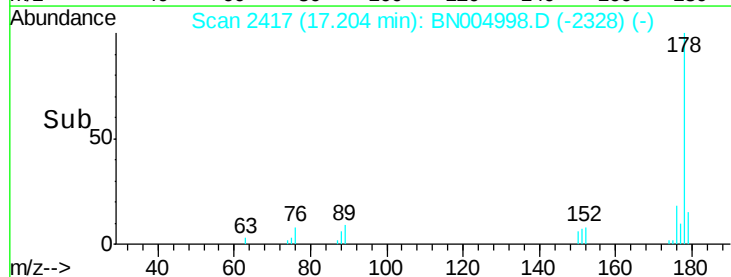
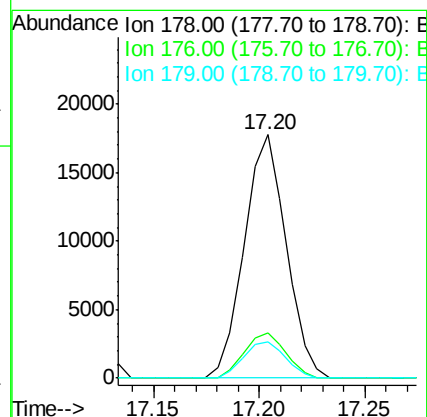
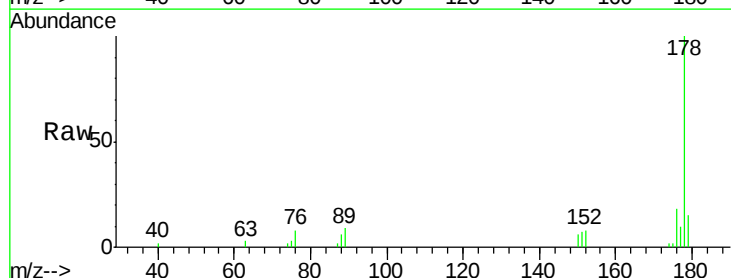
Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:178 Resp: 25181
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.5 12.3 18.5



#72
Anthracene
Concen: 7.885 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:178 Resp: 24443
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.0 12.3 18.5





#73

Carbazole

Concen: 7.901 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

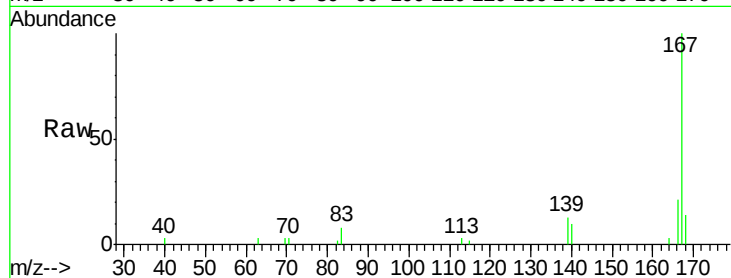
Tot Ion:167 Resp: 22296

Ion Ratio Lower Upper

167 100

166 21.3 17.8 26.8

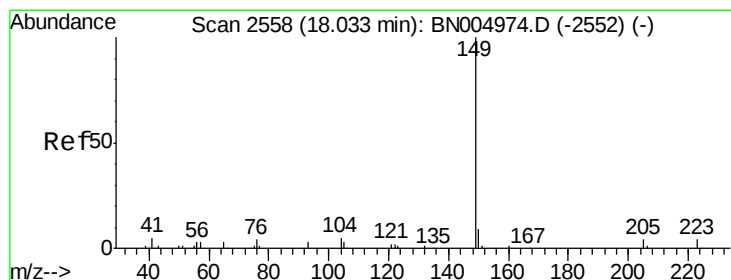
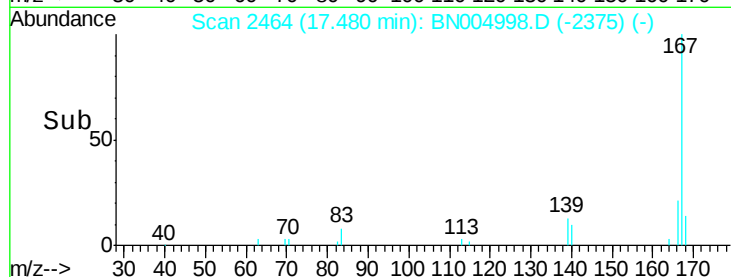
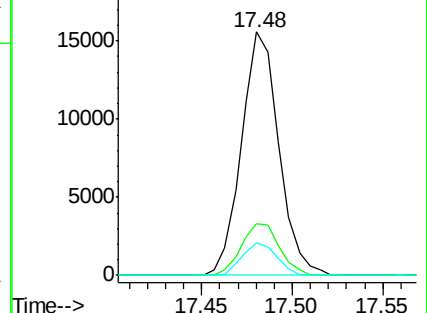
139 13.2 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 7.418 ng

RT: 18.03 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

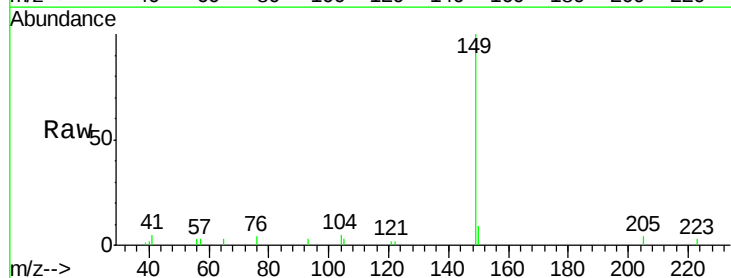
Tgt Ion:149 Resp: 25497

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

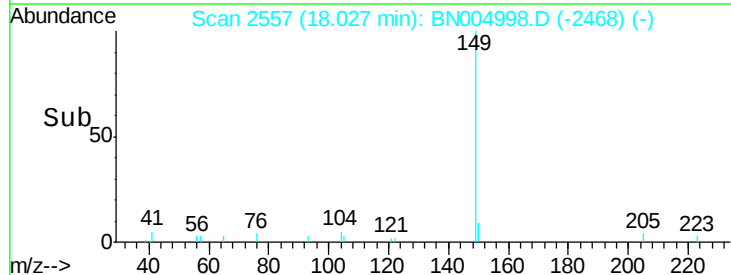
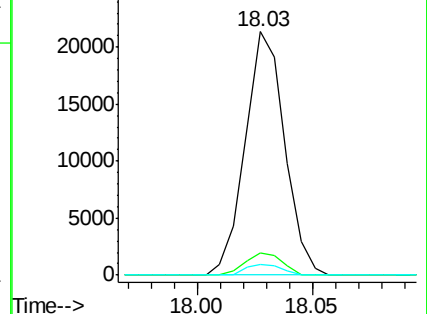
104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

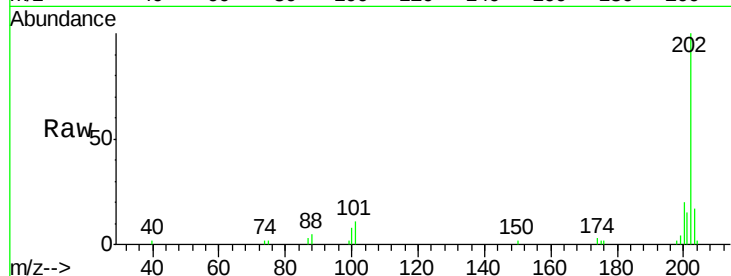




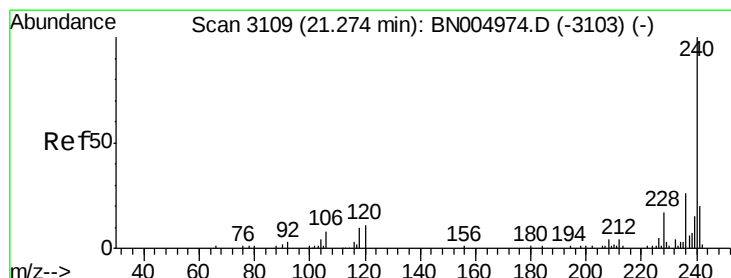
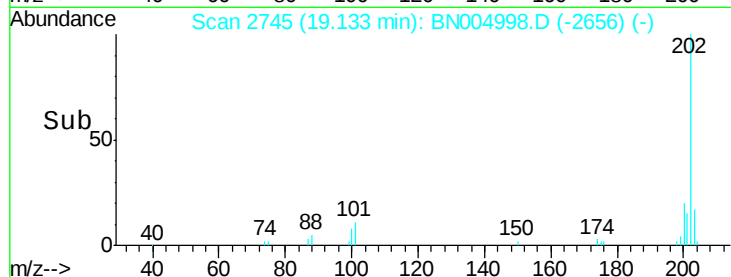
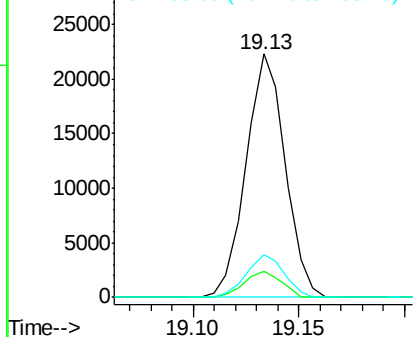
#75
 Fluoranthene
 Concen: 8.070 ng
 RT: 19.13 min Scan# 2745
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Instrument :
 BNA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tot Ion:202 Resp: 28674
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.1
 203 17.3 0.0 37.5

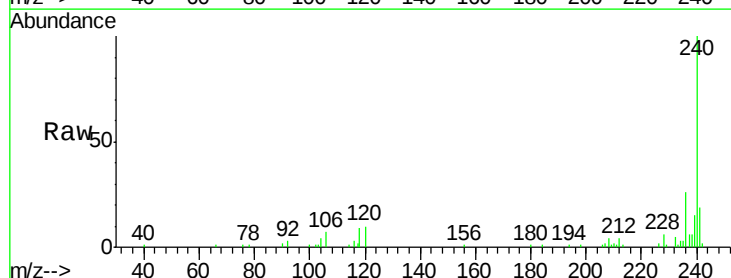


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

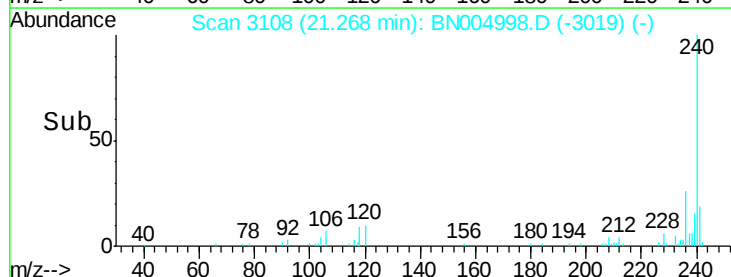
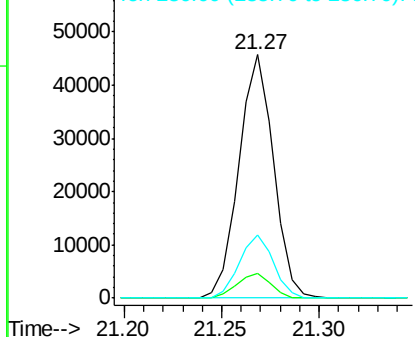


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BN004998.D
 Acq: 27 Mar 2019 16:54

Tgt Ion:240 Resp: 56214
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.5 12.7
 236 25.8 21.2 31.8



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: 6.757 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

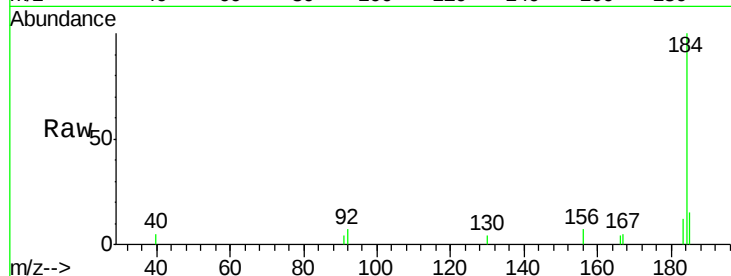
Tot Ion:184 Resp: 11837

Ion Ratio Lower Upper

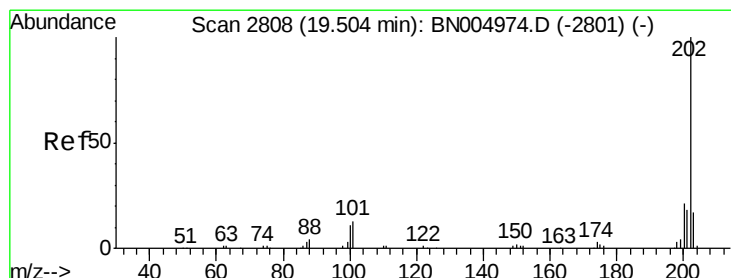
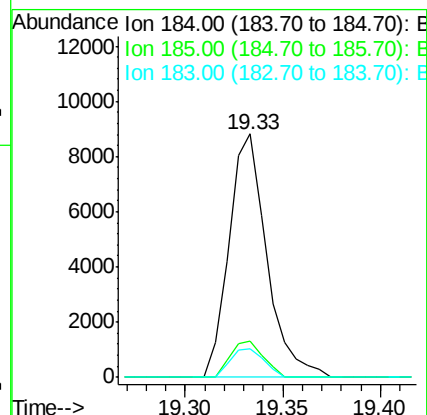
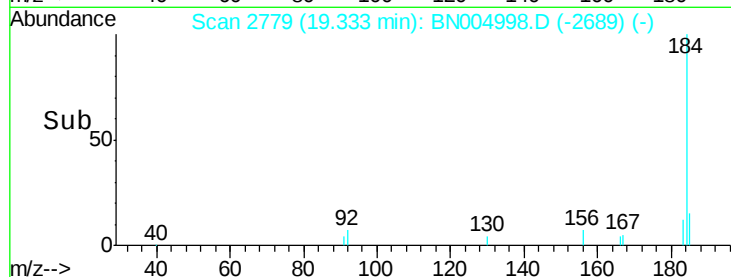
184 100

185 14.9 11.8 17.8

183 11.6 9.9 14.9



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: 7.871 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

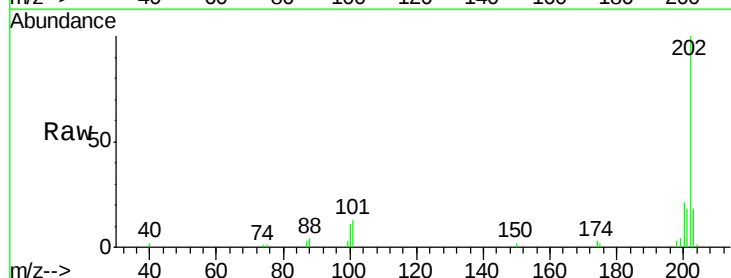
Tgt Ion:202 Resp: 29544

Ion Ratio Lower Upper

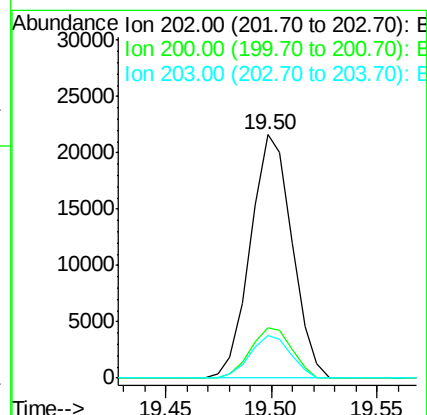
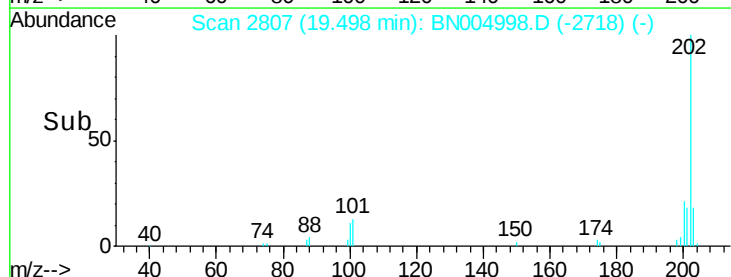
202 100

200 20.9 17.0 25.4

203 17.6 14.0 21.0



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: 93.269 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

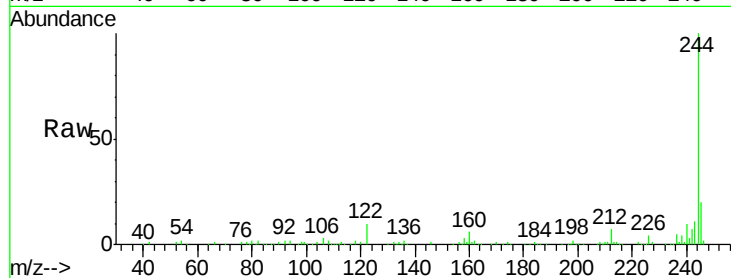
Tot Ion:244 Resp: 272329

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

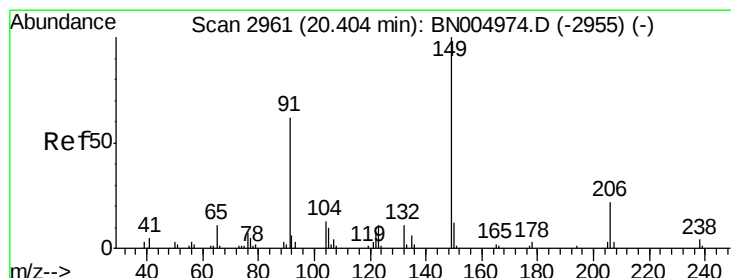
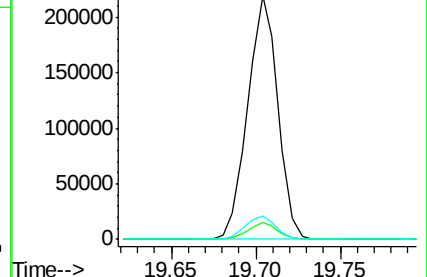
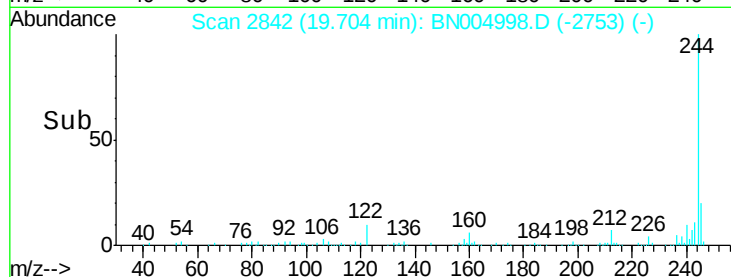
122 9.8 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.626 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

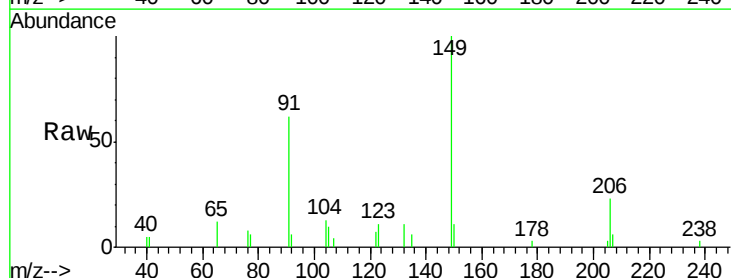
Tgt Ion:149 Resp: 10106

Ion Ratio Lower Upper

149 100

91 62.1 49.3 73.9

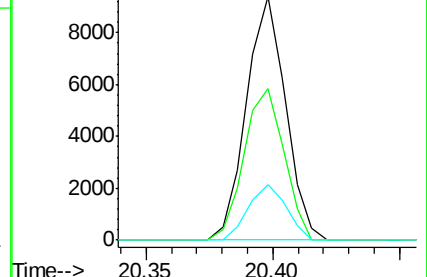
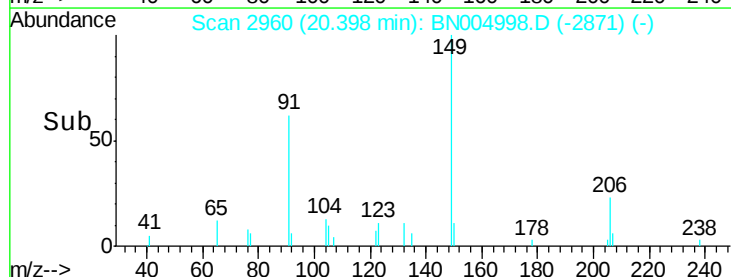
206 22.6 17.9 26.9

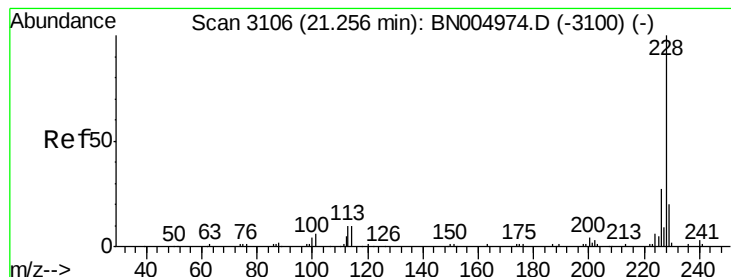


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.912 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

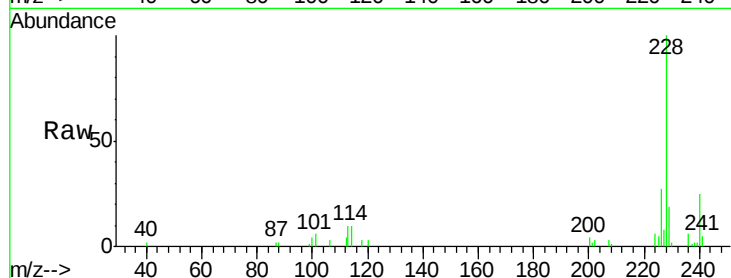
Tot Ion:228 Resp: 27706

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

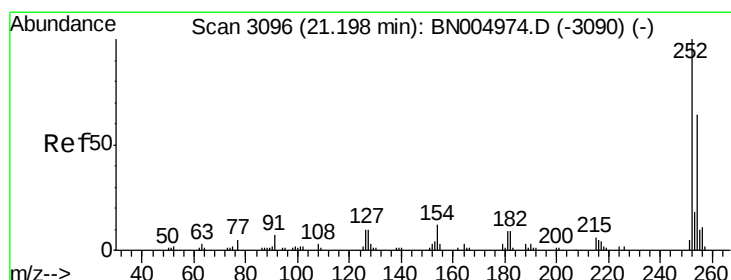
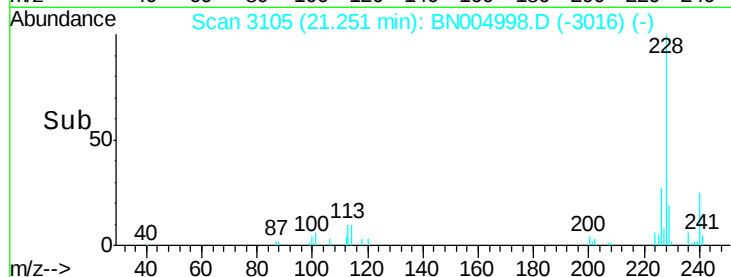
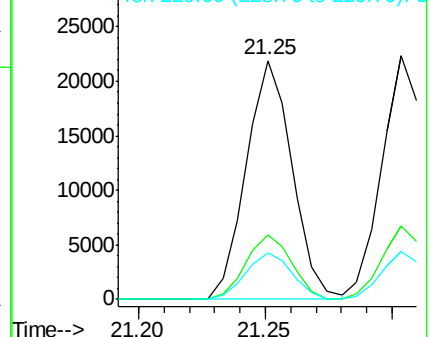
229 19.4 15.9 23.9



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: 7.444 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

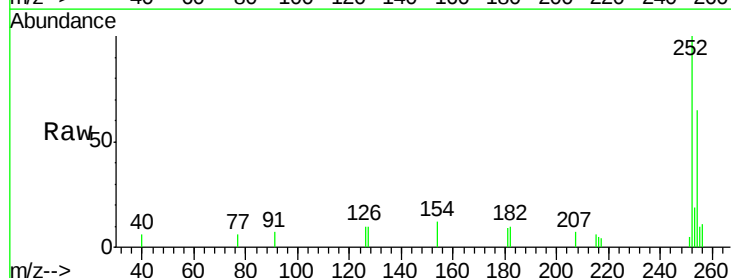
Tgt Ion:252 Resp: 9747

Ion Ratio Lower Upper

252 100

254 65.0 51.5 77.3

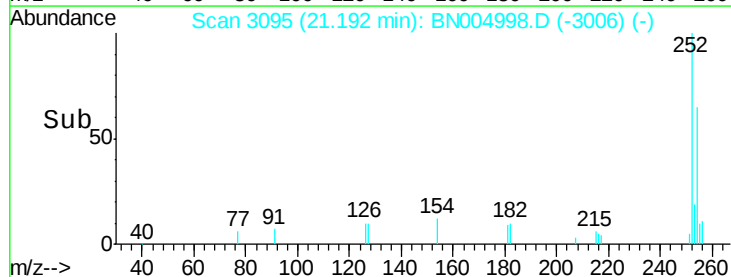
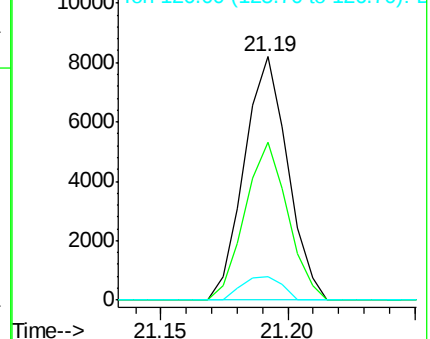
126 9.6 7.9 11.9

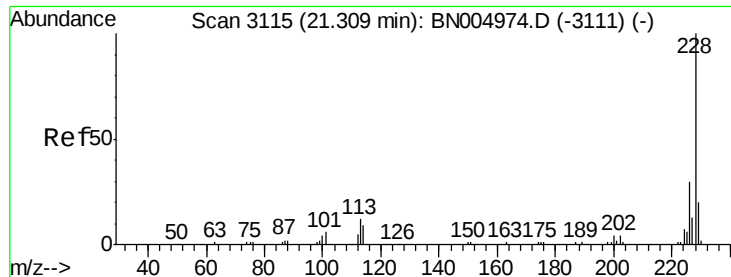


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

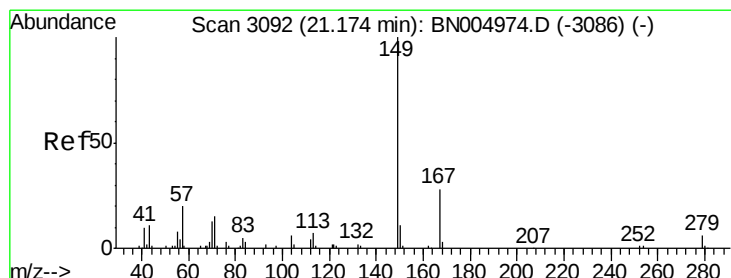
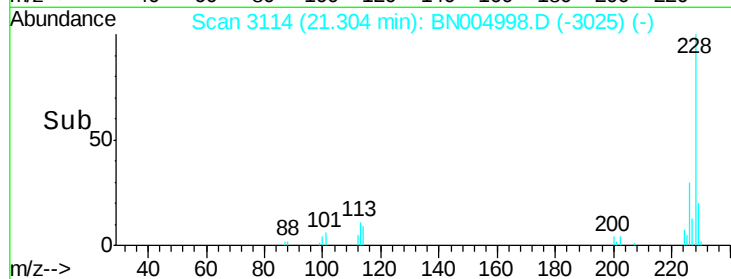
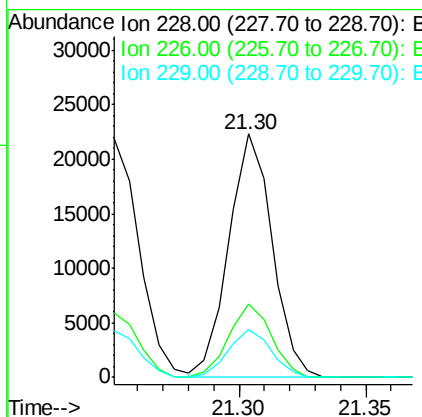
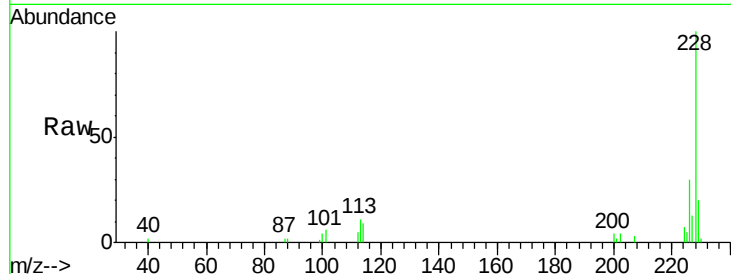




#83
Chrysene
Concen: 7.961 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

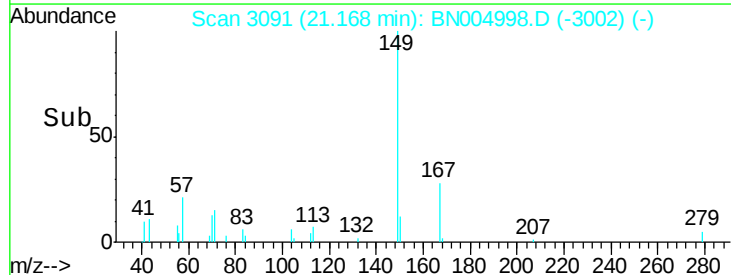
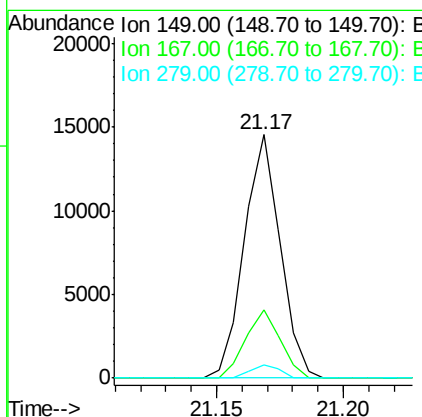
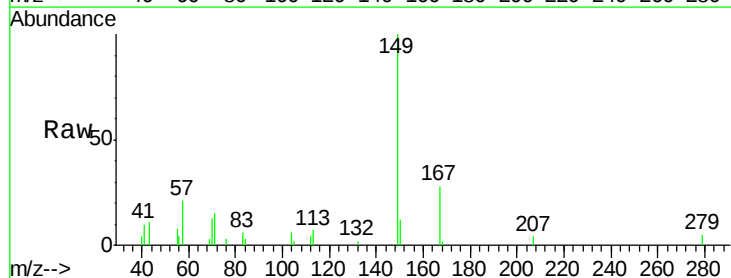
Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

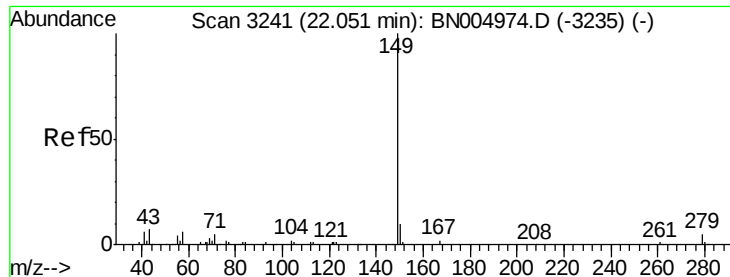
Tot Ion:228 Resp: 26626
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.5 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.804 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:149 Resp: 14359
Ion Ratio Lower Upper
149 100
167 27.8 22.5 33.7
279 5.2 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 6.787 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

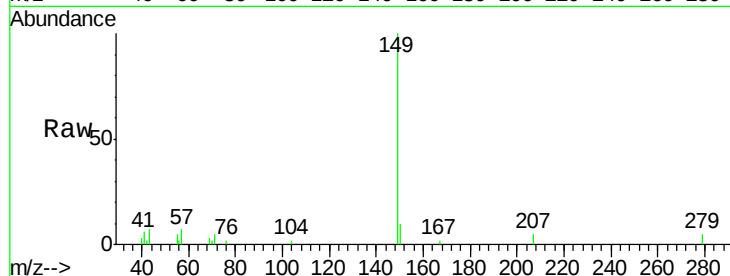
Tot Ion:149 Resp: 23114

Ion Ratio Lower Upper

149 100

167 0.5 1.2 1.8#

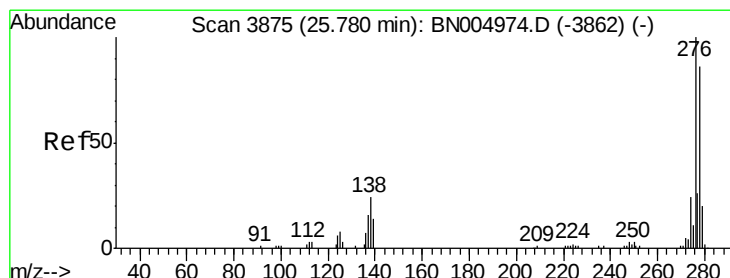
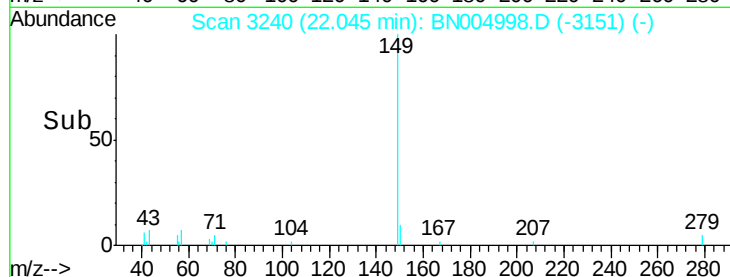
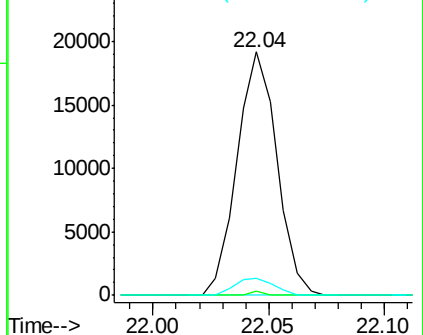
43 6.9 5.8 8.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.889 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.02 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

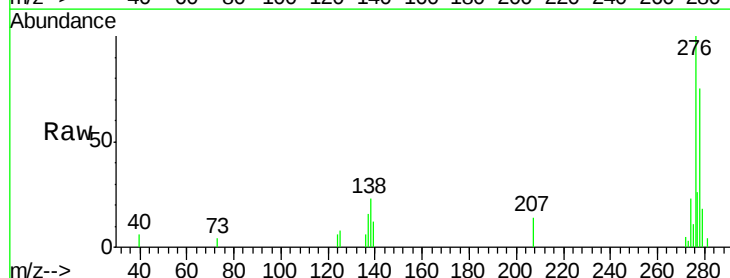
Tgt Ion:276 Resp: 26177

Ion Ratio Lower Upper

276 100

138 22.2 18.5 27.7

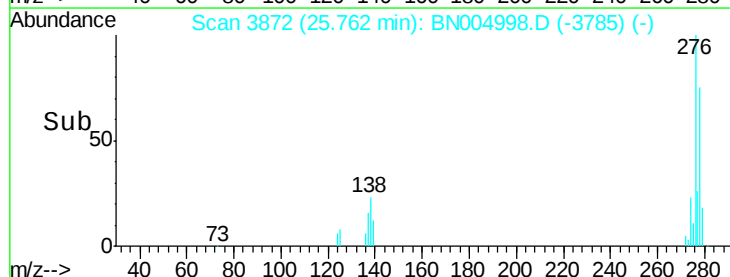
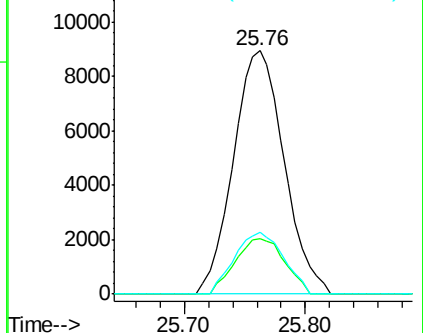
277 24.4 20.4 30.6

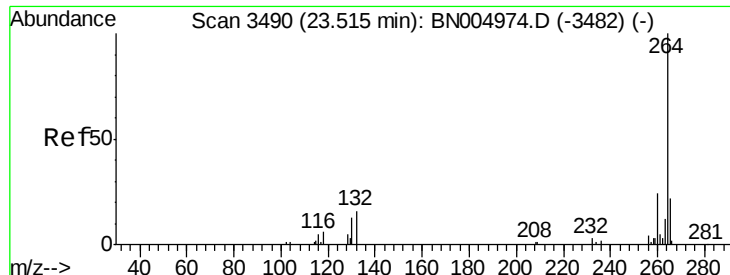


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

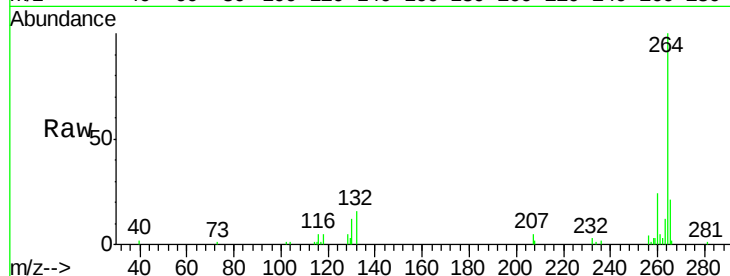




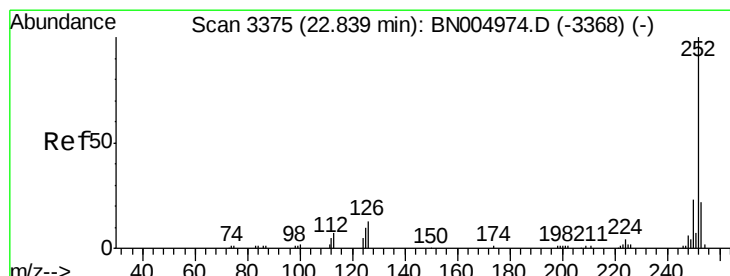
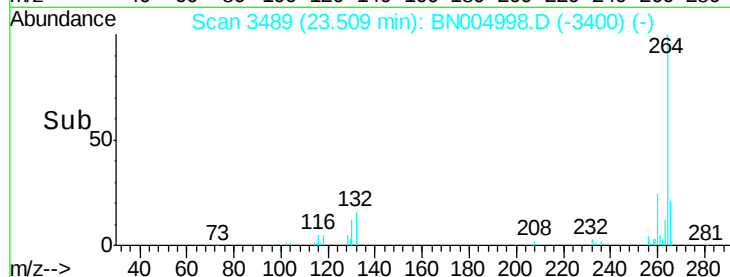
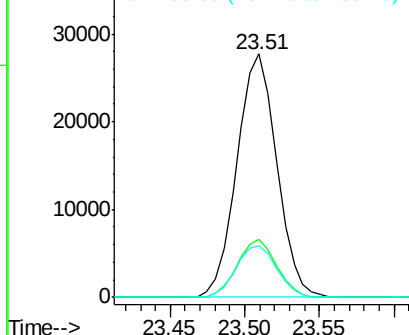
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:264 Resp: 51356
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.4 17.2 25.8

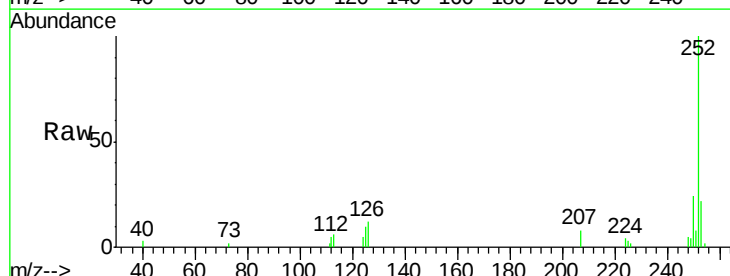


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

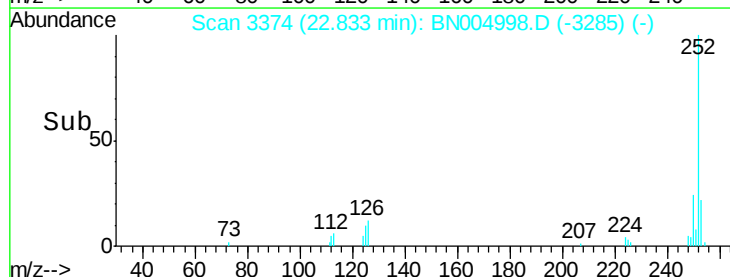
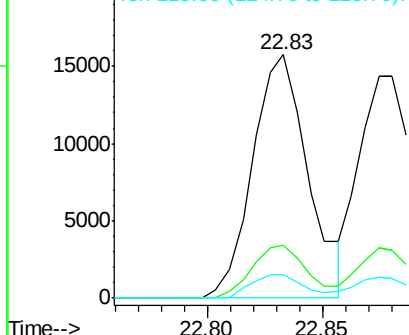


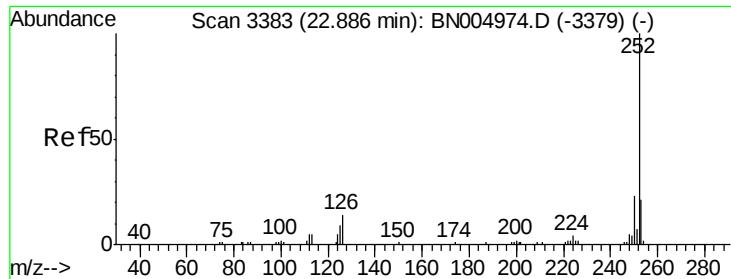
#88
Benzo(b)fluoranthene
Concen: 8.323 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:252 Resp: 26309
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.5 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: 8.031 ng

RT: 22.88 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

Instrument :

BNA_N

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

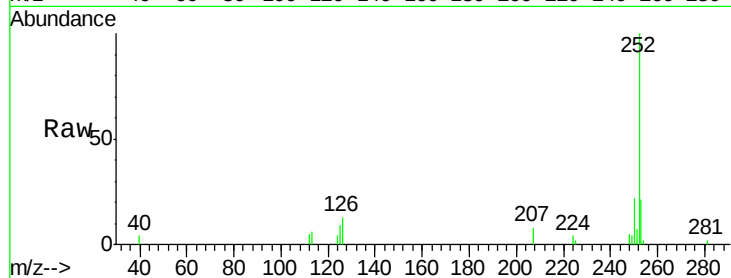
Tot Ion:252 Resp: 23280

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

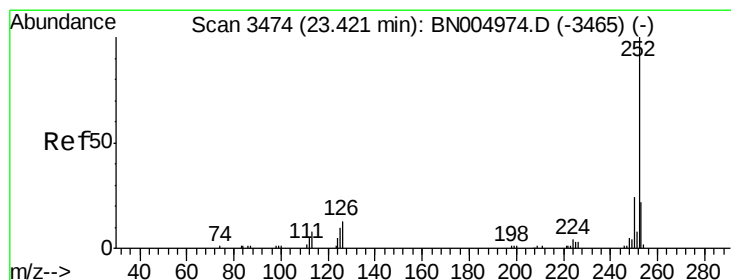
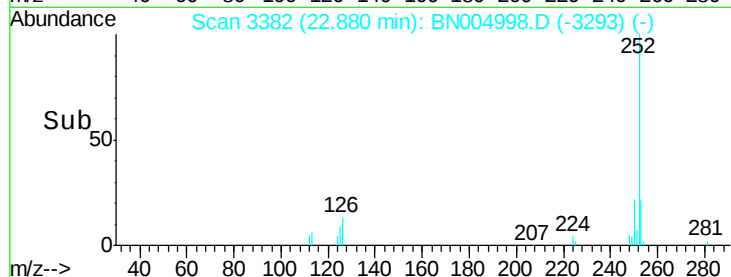
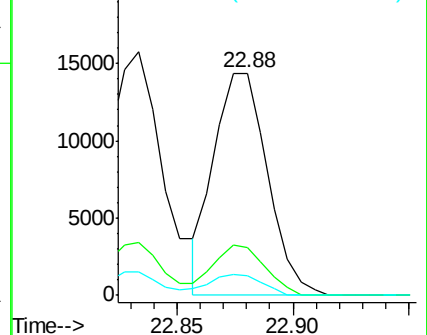
125 9.0 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 7.867 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN004998.D

Acq: 27 Mar 2019 16:54

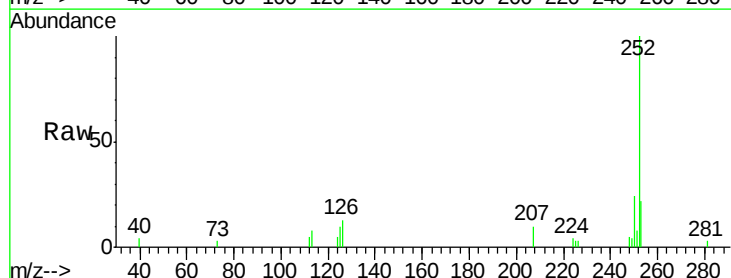
Tgt Ion:252 Resp: 22757

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

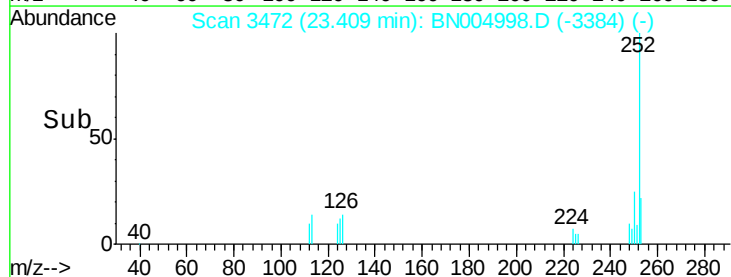
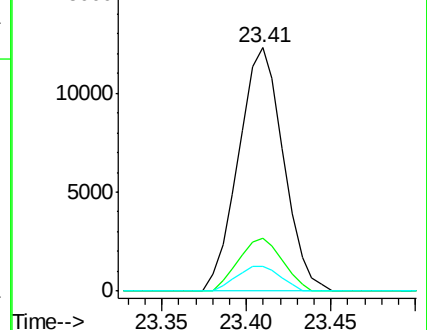
125 10.4 8.2 12.4

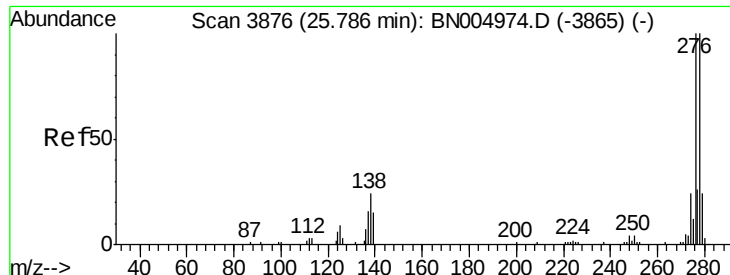


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

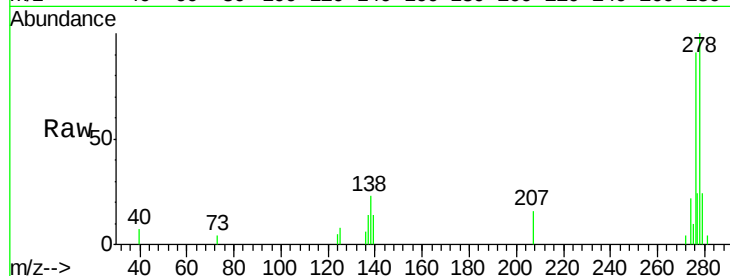




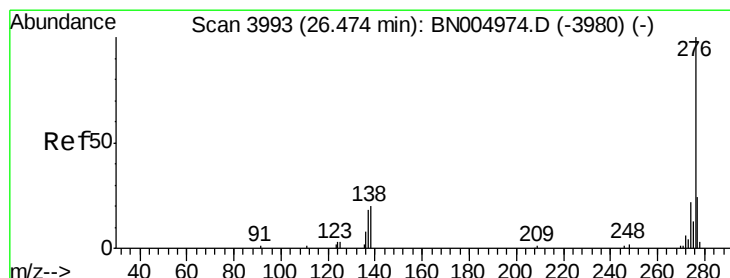
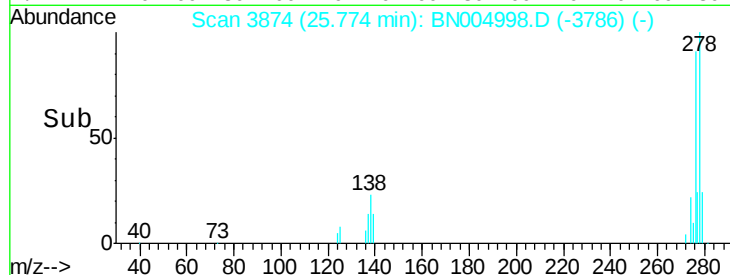
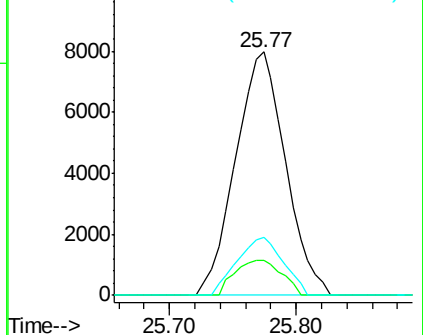
#91
Dibenzo(a,h)anthracene
Concen: 7.505 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tot Ion:278 Resp: 21794
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.8
279 24.0 19.3 28.9

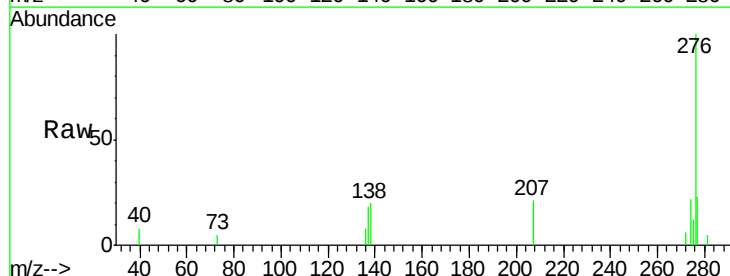


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.286 ng
RT: 26.46 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BN004998.D
Acq: 27 Mar 2019 16:54

Tgt Ion:276 Resp: 20927
Ion Ratio Lower Upper
276 100
277 23.1 19.5 29.3
138 19.8 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

