

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN004991.D
 Acq On : 27 Mar 2019 09:39
 Operator : JU/SJ
 Sample : K1560-08
 Misc : L00 20 PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Quant Time: Mar 28 04:46:58 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	10894	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	47263	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	27843	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	64119	20.00	ng	0.00
76) Chrysene-d12	21.27	240	70750	20.00	ng	0.00
87) Perylene-d12	23.51	264	68719	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	82647	131.16	ng	0.00
7) Phenol-d6	6.86	99	109001	130.42	ng	0.00
23) Nitrobenzene-d5	8.84	82	64771	82.90	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	65828	146.59	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	174021	82.82	ng	0.00
79) Terphenyl-d14	19.70	244	291445	79.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	4449	19.375	ng	98
3) Pyridine	3.60	79	13337	20.784	ng	100
4) n-Nitrosodimethylamine	3.53	42	3992	19.083	ng	# 97
6) Aniline	7.02	93	21378	20.087	ng	100
8) 2-Chlorophenol	7.24	128	15767	19.711	ng	98
9) Benzaldehyde	6.83	77	10084	20.998	ng	98
10) Phenol	6.88	94	17610	19.664	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	13842	19.988	ng	96
12) 1,3-Dichlorobenzene	7.56	146	17248	19.791	ng	99
13) 1,4-Dichlorobenzene	7.71	146	17449	19.780	ng	99
14) 1,2-Dichlorobenzene	8.02	146	16788	19.885	ng	99
15) Benzyl Alcohol	7.92	79	12247	19.261	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	16826	20.138	ng	99
17) 2-Methylphenol	8.12	107	12326	19.743	ng	99
18) Hexachloroethane	8.73	117	6083	19.455	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	11219	20.477	ng	98
20) 3+4-Methylphenols	8.45	107	16694	19.694	ng	99
22) Acetophenone	8.50	105	22591	20.939	ng	99
24) Nitrobenzene	8.88	77	16335	20.659	ng	99
25) Isophorone	9.39	82	32075	21.073	ng	100
26) 2-Nitrophenol	9.59	139	9148	19.925	ng	98
27) 2,4-Dimethylphenol	9.64	122	12997	20.333	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	19828	21.025	ng	99
29) 2,4-Dichlorophenol	10.11	162	14987	20.400	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	16623	20.541	ng	99
31) Naphthalene	10.51	128	51144	20.741	ng	99
32) Benzoic acid	9.78	122	8253	19.807	ng	99
33) 4-Chloroaniline	10.63	127	20970	20.902	ng	99
34) Hexachlorobutadiene	10.78	225	10697	20.428	ng	100
35) Caprolactam	11.41	113	5061	21.039	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	16569	20.877	ng	99
37) 2-Methylnaphthalene	12.13	142	36758	21.110	ng	100
38) 1-Methylnaphthalene	12.35	142	36005	21.131	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	19974	20.226	ng	99

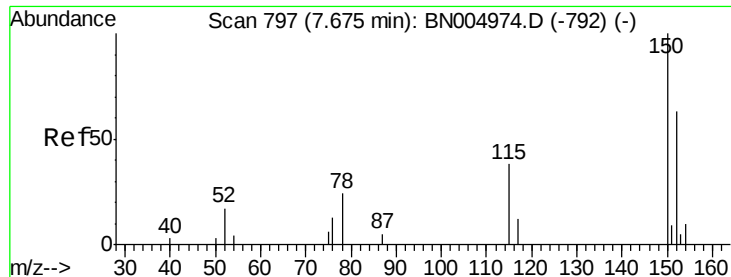
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN004991.D
 Acq On : 27 Mar 2019 09:39
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 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	9283	20.169	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	12224	19.948	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	13473	20.182	ng	99
46) 1,1'-Biphenyl	13.15	154	49185	20.872	ng	99
47) 2-Chloronaphthalene	13.19	162	37334	20.645	ng	99
48) 2-Nitroaniline	13.42	65	9771	20.298	ng	97
49) Acenaphthylene	14.05	152	63996	21.041	ng	99
50) Dimethylphthalate	13.78	163	48956	21.401	ng	100
51) 2,6-Dinitrotoluene	13.91	165	10993	21.119	ng	99
52) Acenaphthene	14.39	154	36111	21.105	ng	99
53) 3-Nitroaniline	14.25	138	11083	20.832	ng	96
54) 2,4-Dinitrophenol	14.46	184	5231	22.540	ng	99
55) Dibenzofuran	14.72	168	57822	21.238	ng	100
56) 4-Nitrophenol	14.56	139	8437	20.131	ng	100
57) 2,4-Dinitrotoluene	14.70	165	15406	21.779	ng	99
58) Fluorene	15.37	166	47571	21.630	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	12935	20.898	ng	# 99
60) Diethylphthalate	15.15	149	49829	21.830	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	24502	21.595	ng	99
62) 4-Nitroaniline	15.42	138	11333	21.202	ng	100
63) Azobenzene	15.66	77	40990	21.572	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	8132	20.777	ng	99
66) n-Nitrosodiphenylamine	15.59	169	41211	20.404	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	16103	20.125	ng	98
68) Hexachlorobenzene	16.37	284	19114	20.390	ng	99
69) Atrazine	16.54	200	15070	20.885	ng	99
70) Pentachlorophenol	16.72	266	9278	18.824	ng	99
71) Phenanthrene	17.12	178	75163	20.863	ng	100
72) Anthracene	17.20	178	74928	20.894	ng	100
73) Carbazole	17.49	167	69377	21.255	ng	99
74) Di-n-butylphthalate	18.03	149	85006	21.378	ng	100
75) Fluoranthene	19.13	202	89281	21.722	ng	100
77) Benzidine	19.33	184	40433	18.338	ng	98
78) Pyrene	19.50	202	91132	19.291	ng	99
80) Butylbenzylphthalate	20.40	149	37752	19.667	ng	97
81) Benzo(a)anthracene	21.26	228	91247	20.705	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	34192	20.748	ng	100
83) Chrysene	21.31	228	87335	20.748	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	55632	20.947	ng	99
85) Di-n-octyl phthalate	22.05	149	93085	21.717	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	90592	18.943	ng	99
88) Benzo(b)fluoranthene	22.83	252	89117	21.069	ng	99
89) Benzo(k)fluoranthene	22.88	252	84840	21.872	ng	100
90) Benzo(a)pyrene	23.41	252	81128	20.959	ng	99
91) Dibenzo(a,h)anthracene	25.77	278	75295	19.376	ng	99
92) Benzo(g,h,i)perylene	26.46	276	71441	18.590	ng	99

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

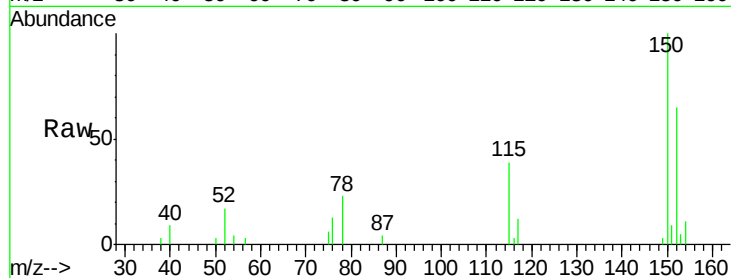


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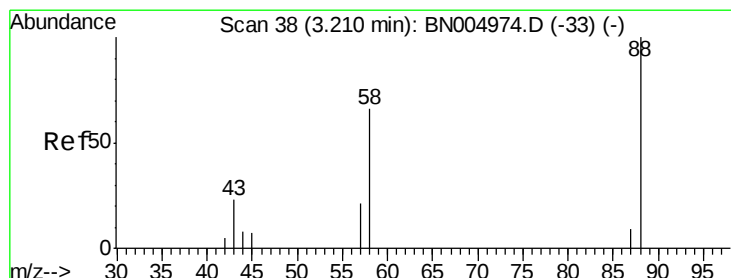
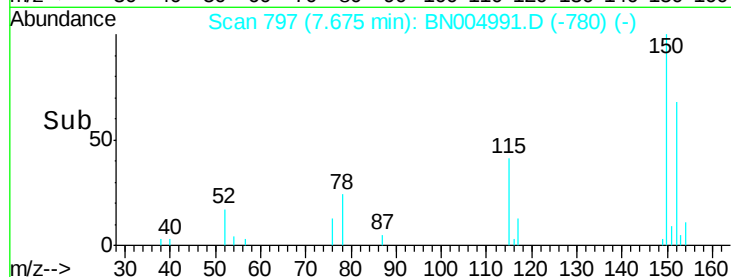
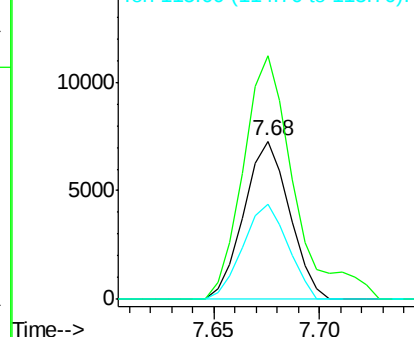
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:152 Resp: 10894
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 60.0 47.8 71.6



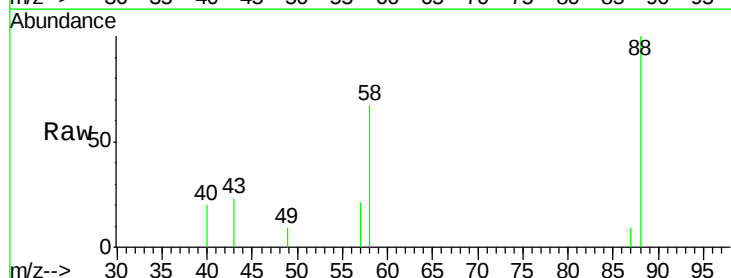
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



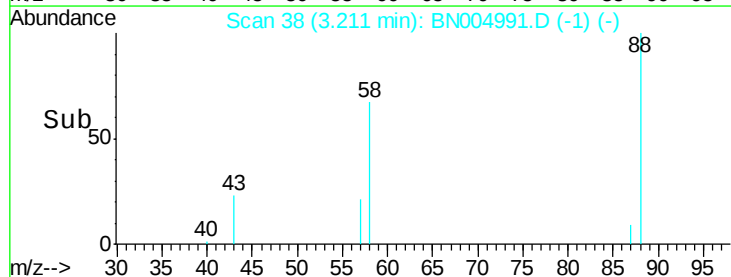
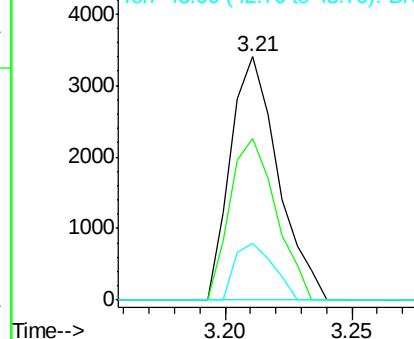
#2

1,4-Dioxane
Concen: 19.375 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion: 88 Resp: 4449
Ion Ratio Lower Upper
88 100
58 64.4 51.0 76.6
43 18.7 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

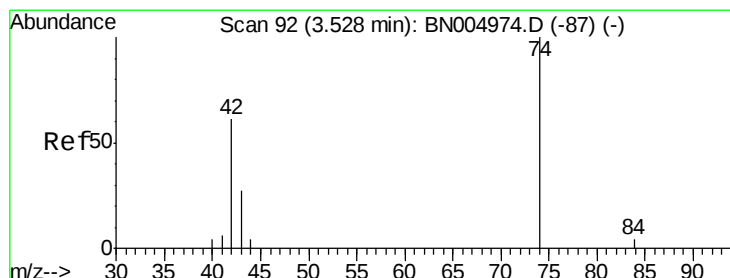
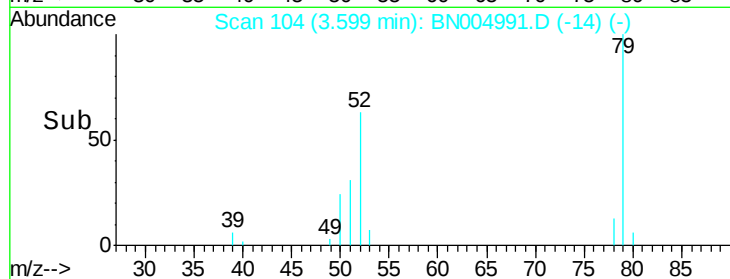
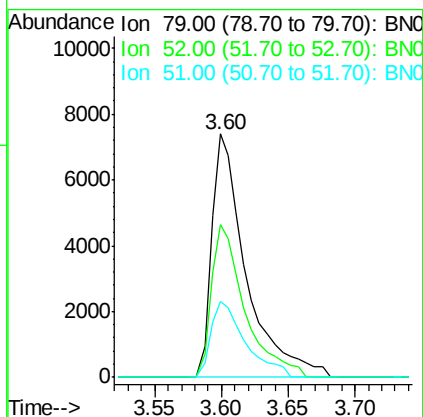
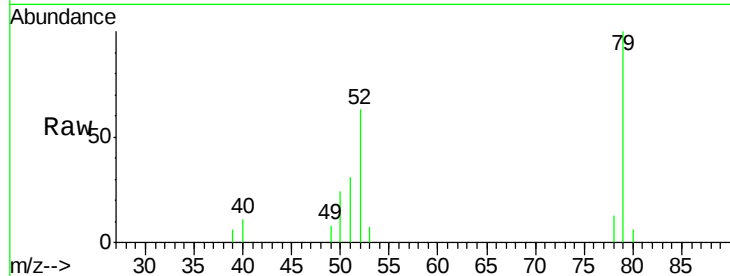




#3
 Pvridine
 Concen: 20.784 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

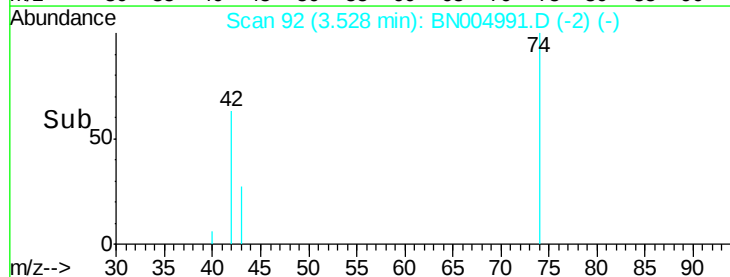
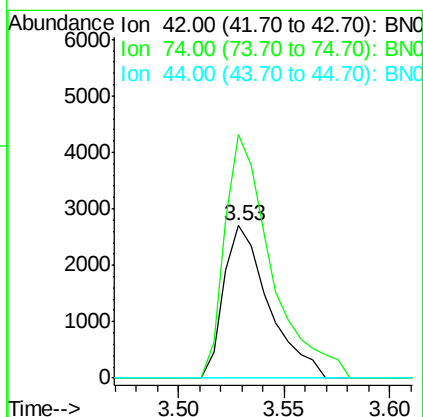
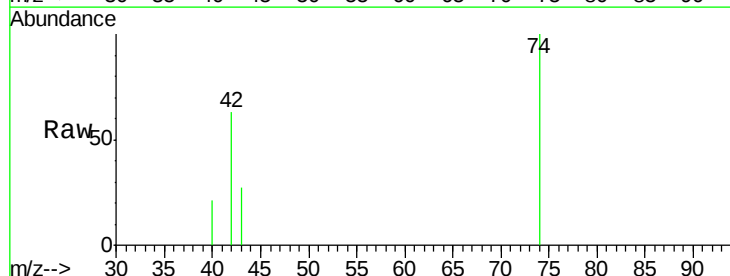
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

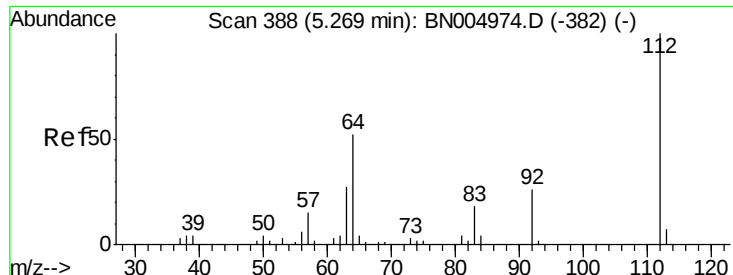
Tot Ion: 79 Resp: 13337
 Ion Ratio Lower Upper
 79 100
 52 62.8 50.2 75.4
 51 31.3 25.0 37.4



#4
 n-Nitrosodimethylamine
 Concen: 19.083 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion: 42 Resp: 3992
 Ion Ratio Lower Upper
 42 100
 74 160.0 130.8 196.2
 44 0.0 5.7 8.5#





#5

2-Fluorophenol

Concen: 131.162 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

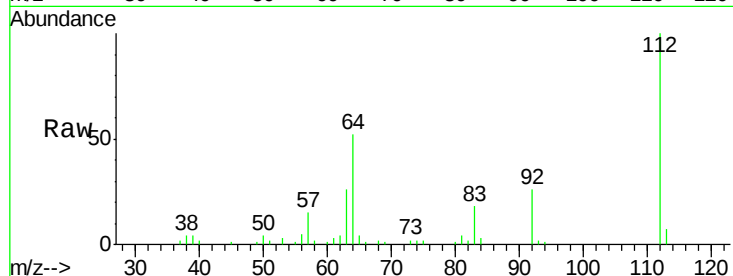
Tot Ion:112 Resp: 82647

Ion Ratio Lower Upper

112 100

64 51.8 41.9 62.9

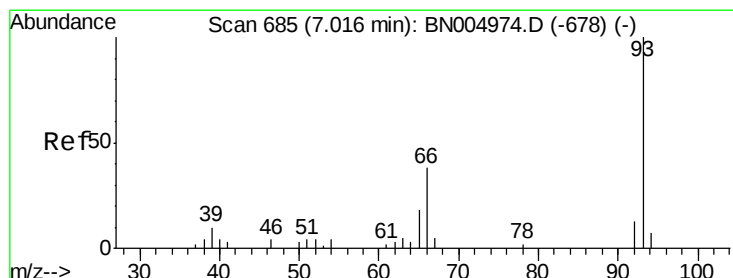
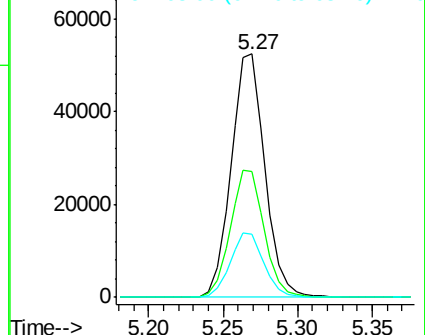
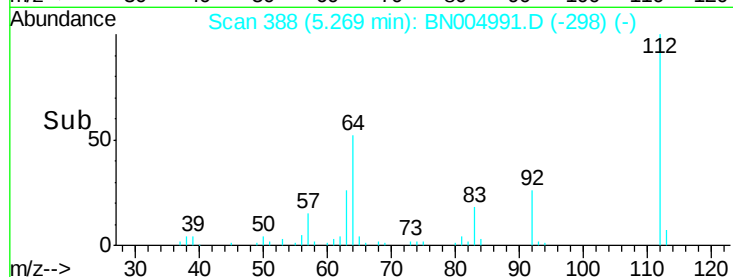
63 26.1 21.4 32.0



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: 20.087 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

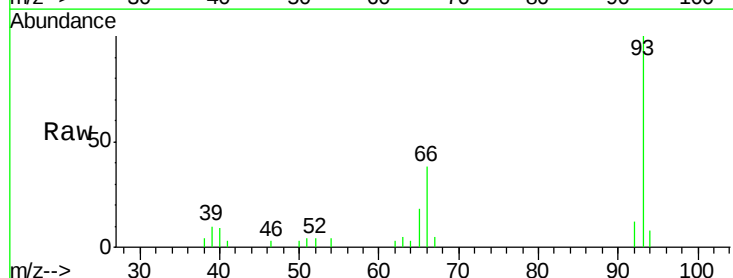
Tgt Ion: 93 Resp: 21378

Ion Ratio Lower Upper

93 100

66 37.5 30.2 45.4

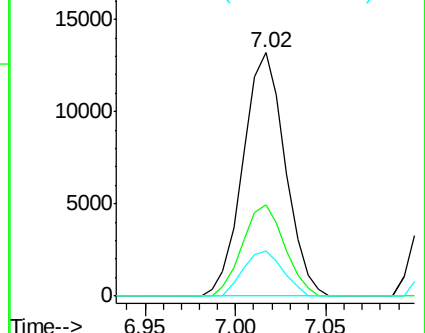
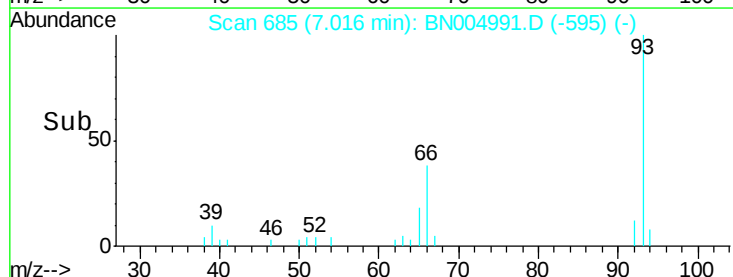
65 18.4 14.7 22.1

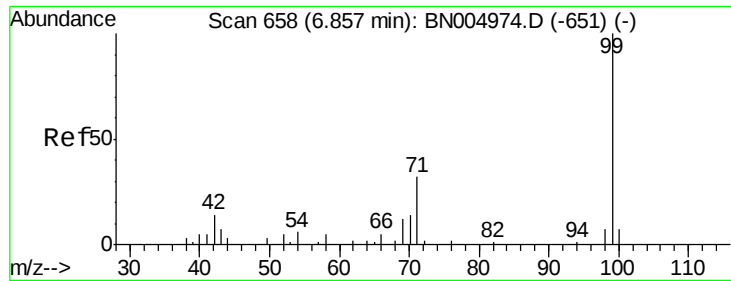


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 130.424 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

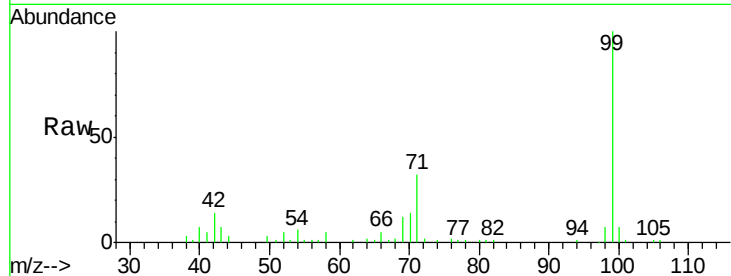
Tot Ion: 99 Resp: 109001

Ion Ratio Lower Upper

99 100

42 13.9 11.4 17.0

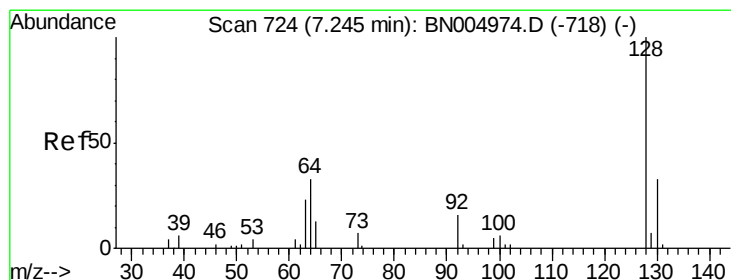
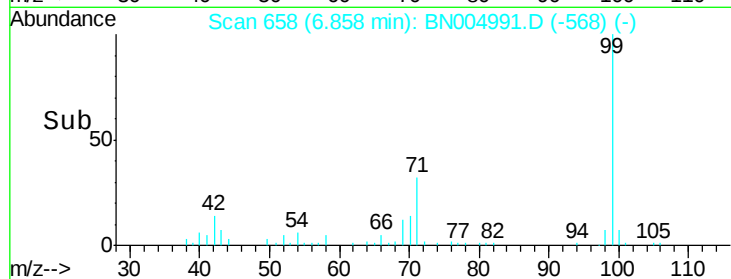
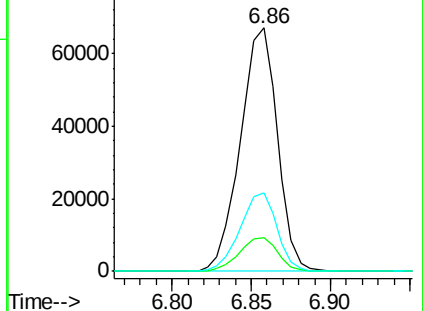
71 32.1 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004991.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004991.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004991.D (-651) (-)



#8

2-Chlorophenol

Concen: 19.711 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

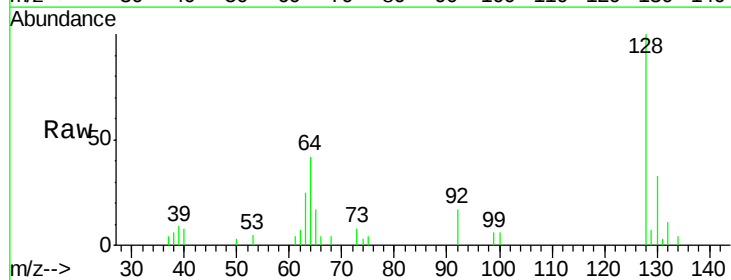
Tgt Ion: 128 Resp: 15767

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

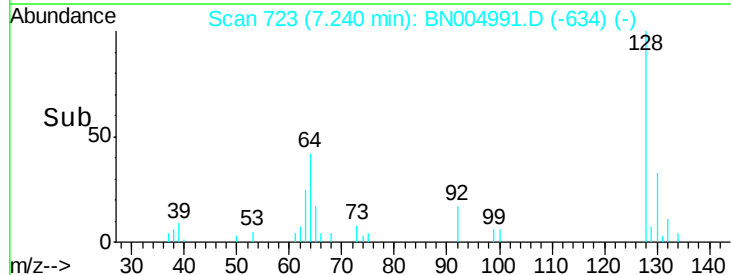
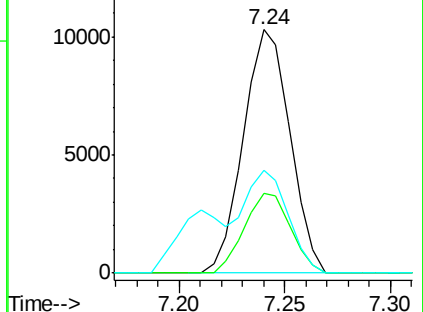
64 42.1 19.9 59.9



Abundance Ion 128.00 (127.70 to 128.70): BN004991.D (-634) (-)

Ion 130.00 (129.70 to 130.70): BN004991.D (-634) (-)

Ion 64.00 (63.70 to 64.70): BN004991.D (-634) (-)





#9

Benzaldehyde

Concen: 20.998 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

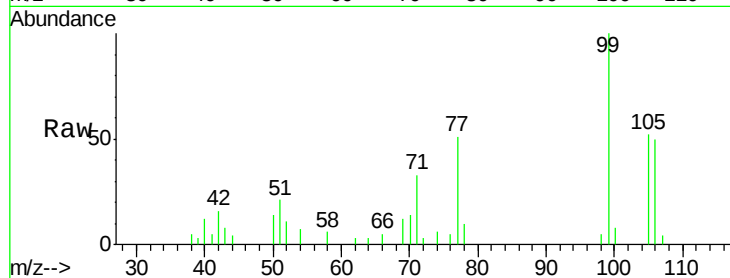
Tot Ion: 77 Resp: 10084

Ion Ratio Lower Upper

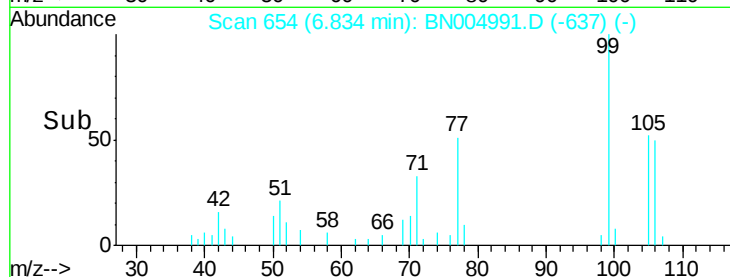
77 100

105 103.2 86.1 126.1

106 98.0 79.9 119.9



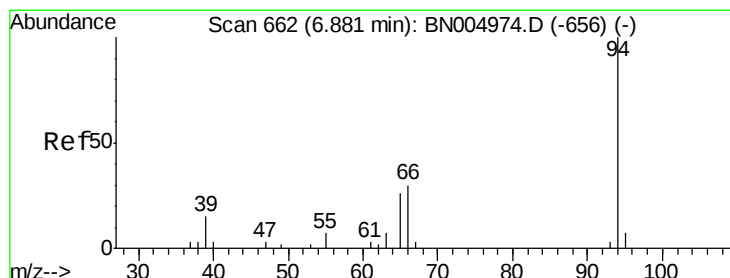
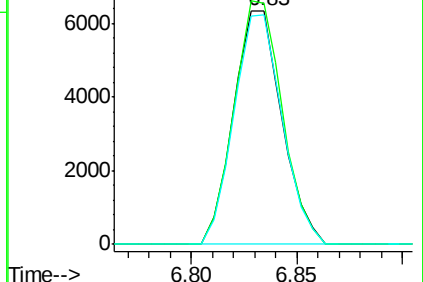
Abundance Ion 77.00 (76.70 to 77.70): BN004991.D (-637) (-)



Ion 105.00 (104.70 to 105.70): BN004991.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BN004991.D (-637) (-)

Time-->



#10

Phenol

Concen: 19.664 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

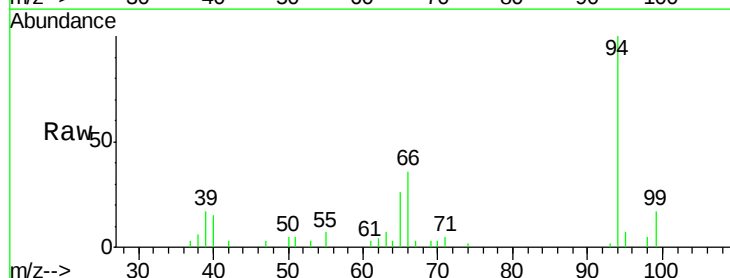
Tgt Ion: 94 Resp: 17610

Ion Ratio Lower Upper

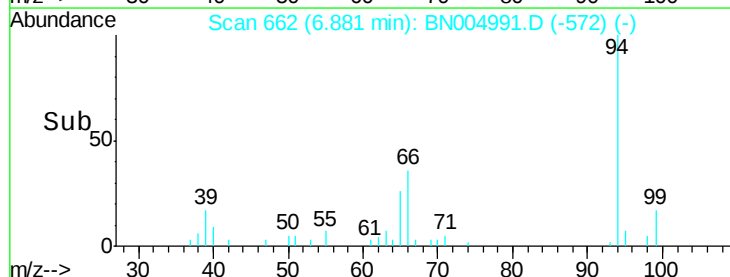
94 100

65 26.0 5.7 45.7

66 35.7 14.8 54.8



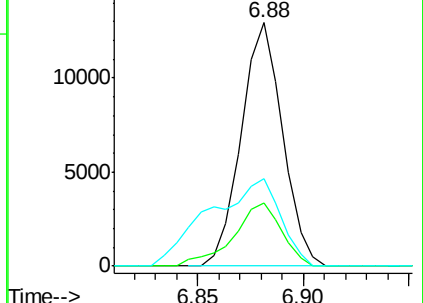
Abundance Ion 94.00 (93.70 to 94.70): BN004991.D (-572) (-)

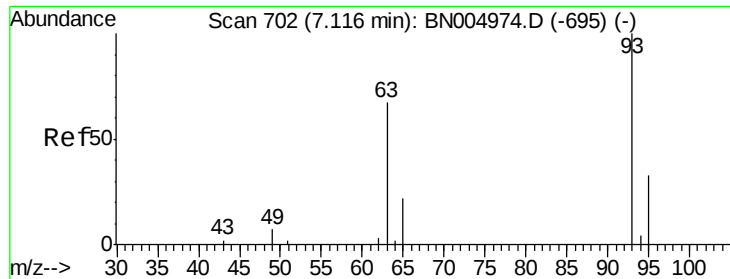


Ion 65.00 (64.70 to 65.70): BN004991.D (-572) (-)

Ion 66.00 (65.70 to 66.70): BN004991.D (-572) (-)

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 19.988 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

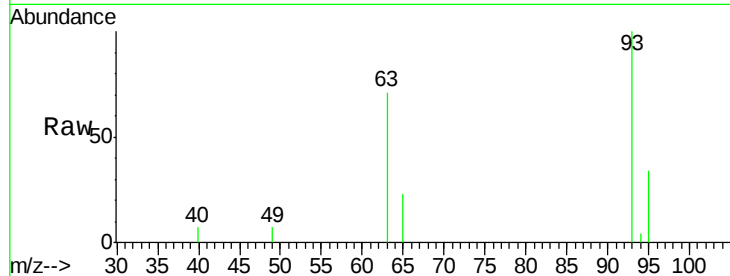
Tot Ion: 93 Resp: 13842

Ion Ratio Lower Upper

93 100

63 70.7 47.0 87.0

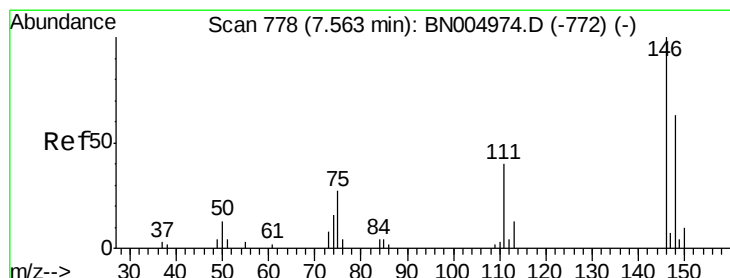
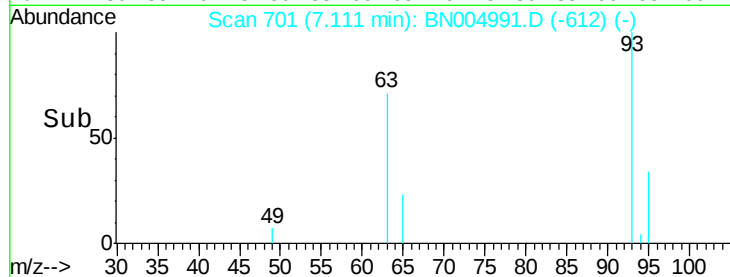
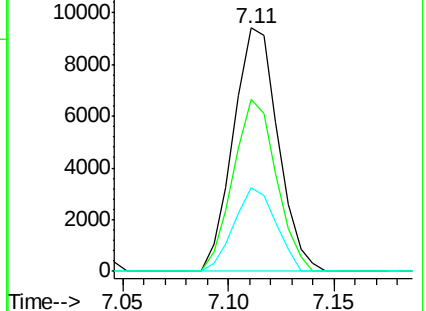
95 34.1 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004991.D (-612) (-)

Ion 63.00 (62.70 to 63.70): BN004991.D (-612) (-)

Ion 95.00 (94.70 to 95.70): BN004991.D (-612) (-)



#12

1,3-Dichlorobenzene

Concen: 19.791 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

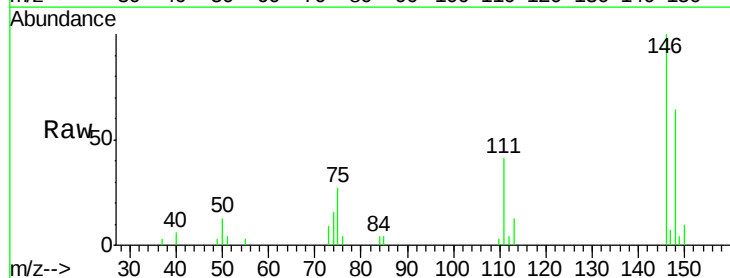
Tgt Ion: 146 Resp: 17248

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

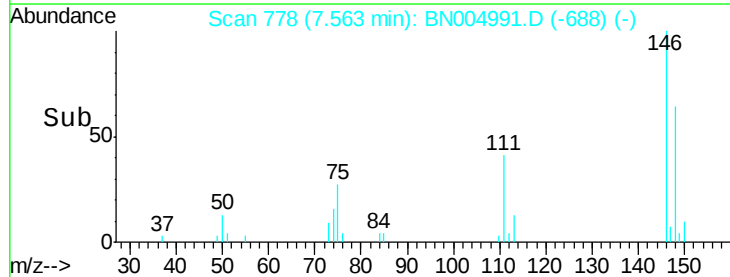
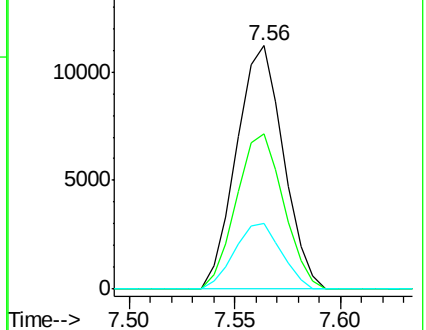
75 27.0 22.0 33.0

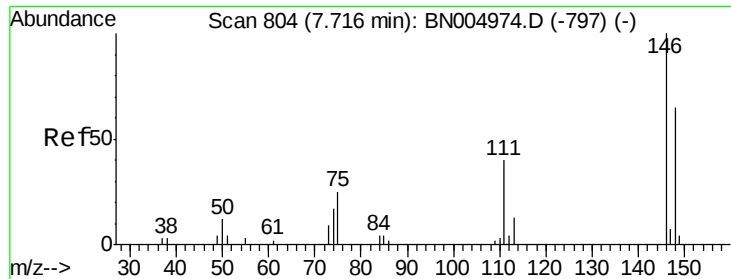


Abundance Ion 146.00 (145.70 to 146.70): BN004991.D (-688) (-)

Ion 148.00 (147.70 to 148.70): BN004991.D (-688) (-)

Ion 75.00 (74.70 to 75.70): BN004991.D (-688) (-)

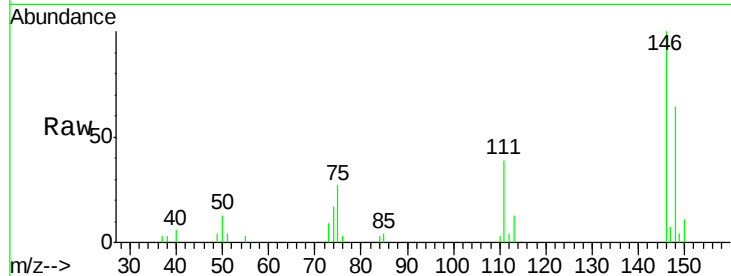




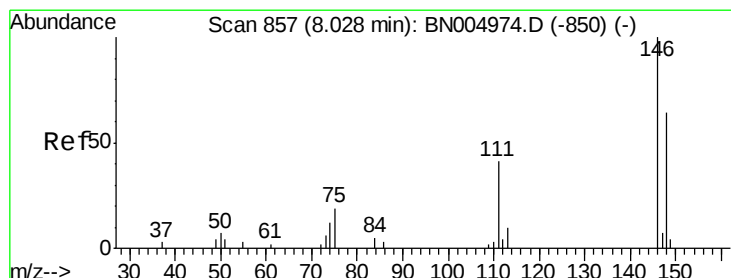
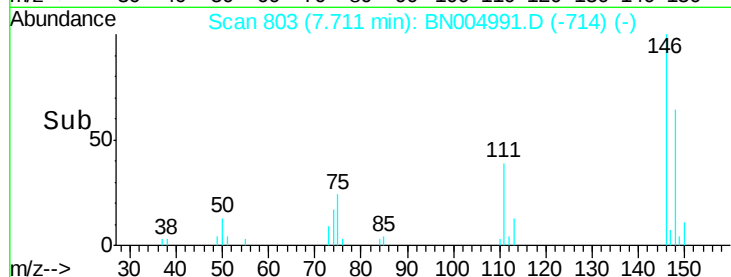
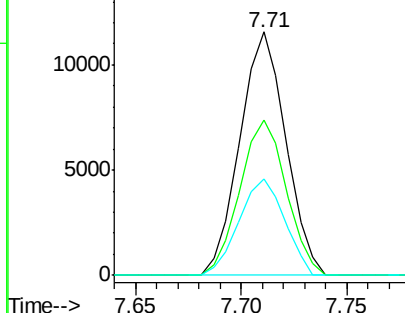
#13
 1,4-Dichlorobenzene
 Concen: 19.780 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tot Ion:146 Resp: 17449
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 39.5 32.6 49.0

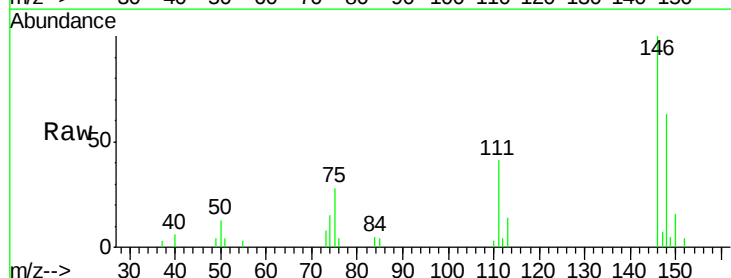


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

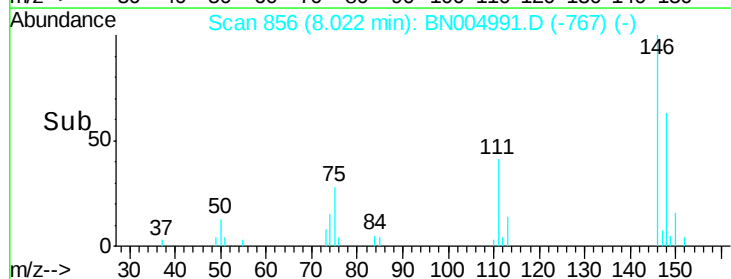
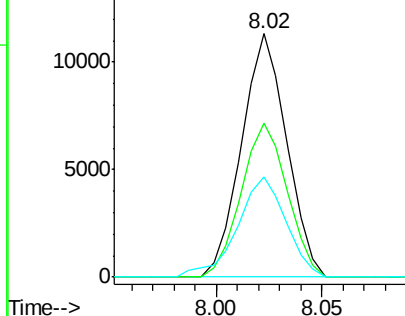


#14
 1,2-Dichlorobenzene
 Concen: 19.885 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:146 Resp: 16788
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.2
 111 41.4 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

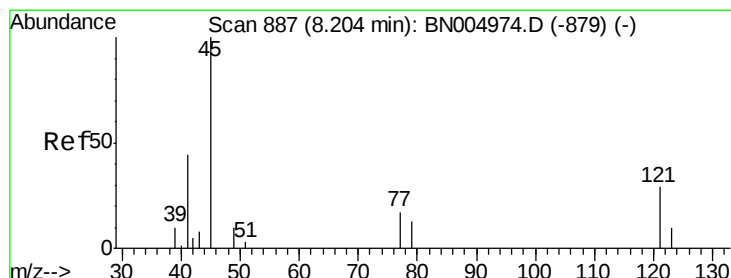
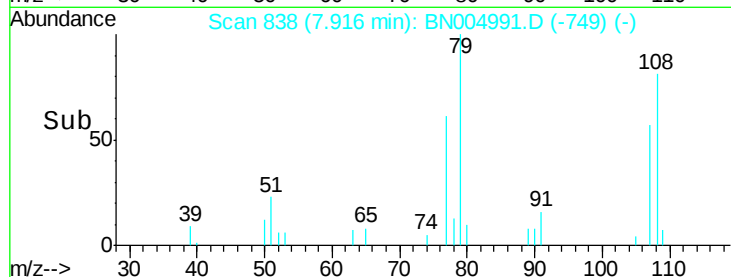
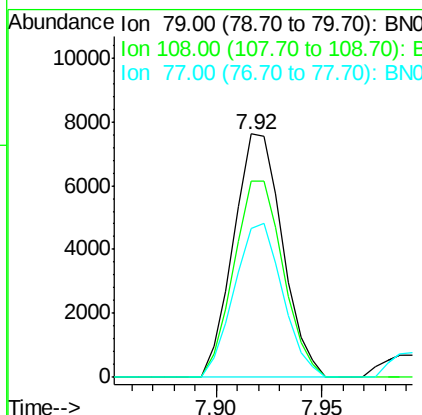
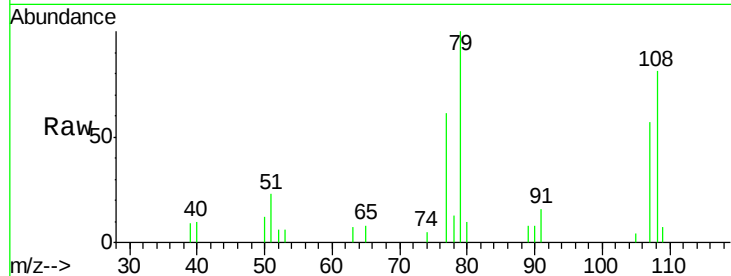




#15
Benzyl Alcohol
Concen: 19.261 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

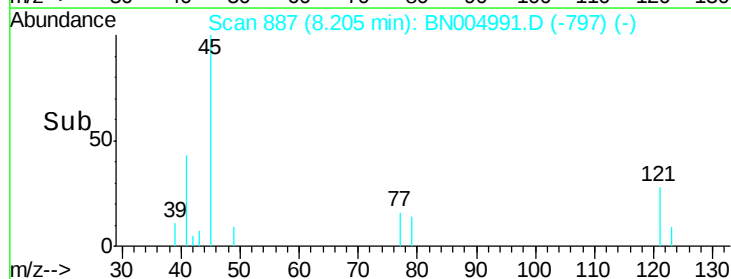
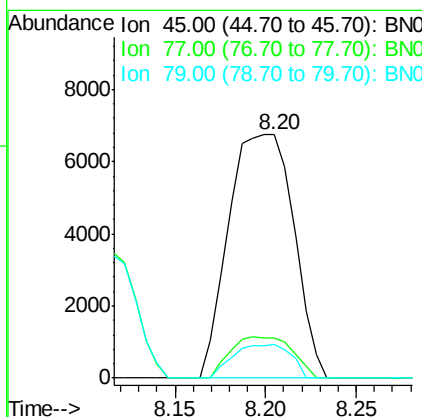
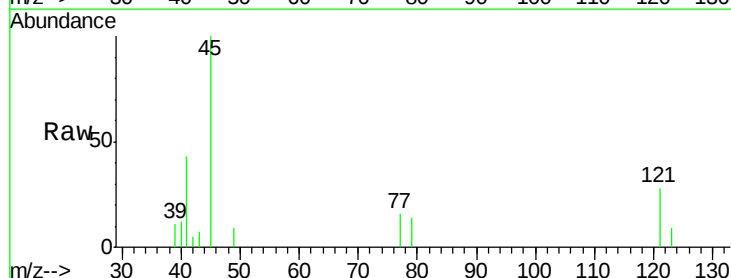
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

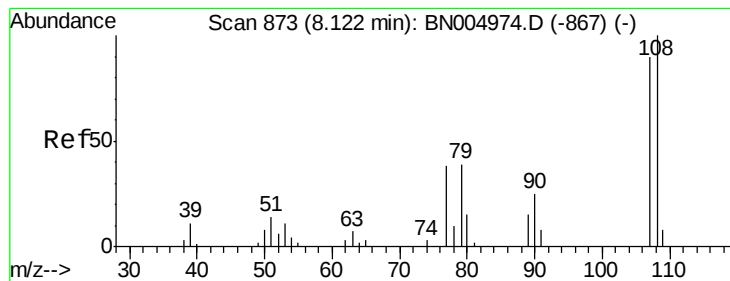
Tot Ion: 79 Resp: 12247
Ion Ratio Lower Upper
79 100
108 80.7 64.0 96.0
77 60.9 48.8 73.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.138 ng
RT: 8.20 min Scan# 887
Delta R.T. 0.00 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion: 45 Resp: 16826
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.9
79 13.7 0.0 33.3

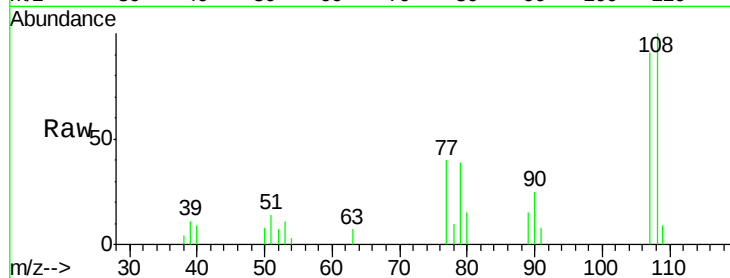




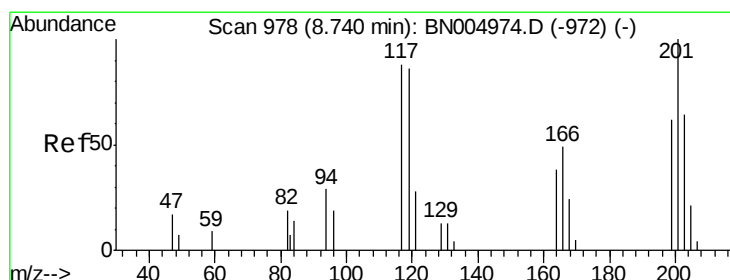
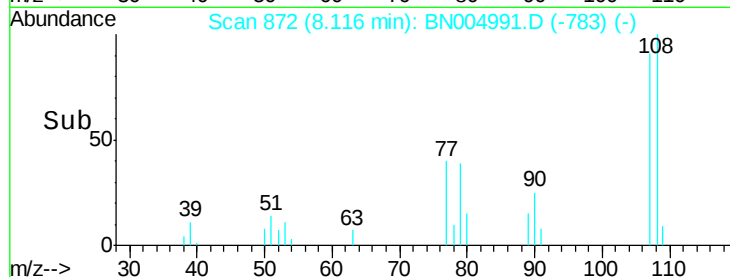
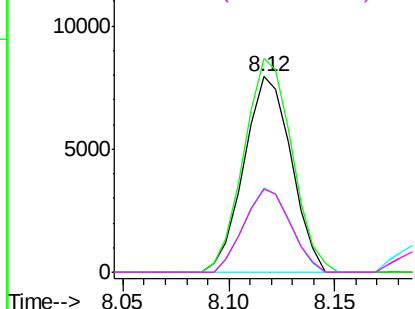
#17
2-Methylphenol
Concen: 19.743 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:	107	Resp:	12326
Ion	Ratio	Lower	Upper
107	100		
108	109.3	88.8	133.2
77	43.5	34.2	51.2
79	42.7	34.8	52.2

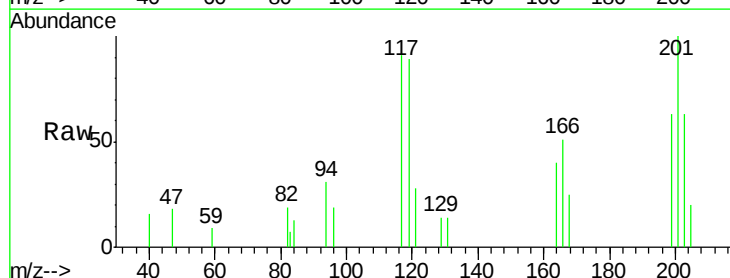


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

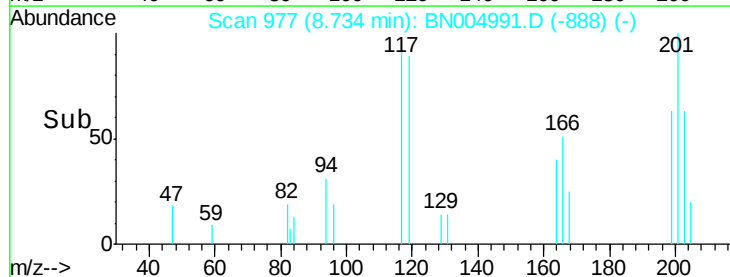
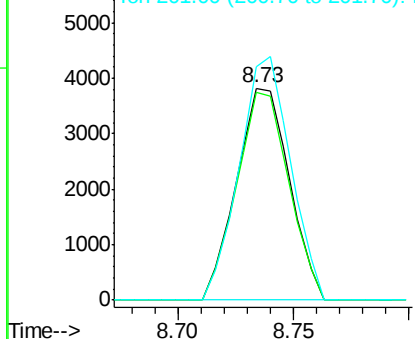


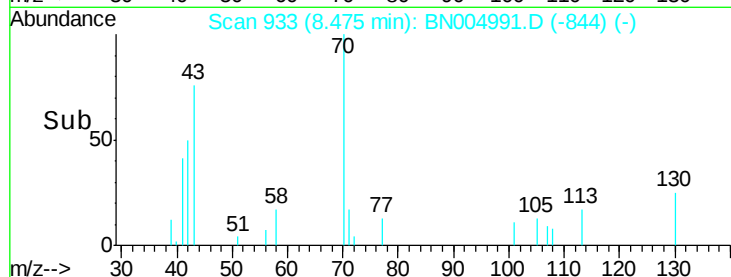
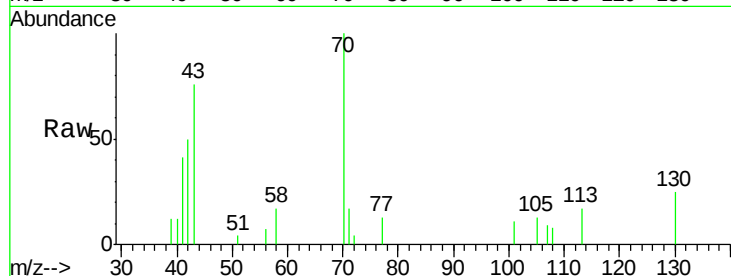
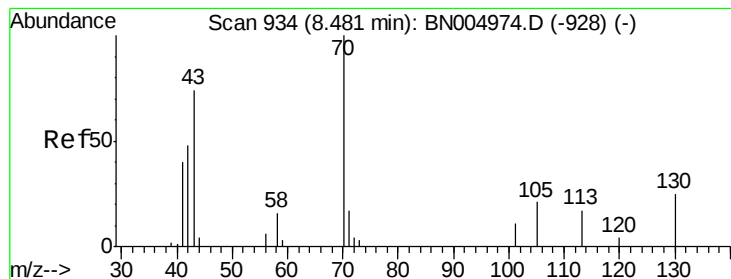
#18
Hexachloroethane
Concen: 19.455 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:	117	Resp:	6083
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.5	116.3
201	109.9	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: 20.477 ng

RT: 8.48 min Scan# 933

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tot Ion: 70 Resp: 11219

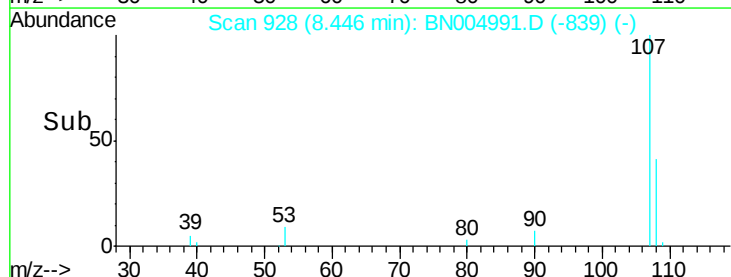
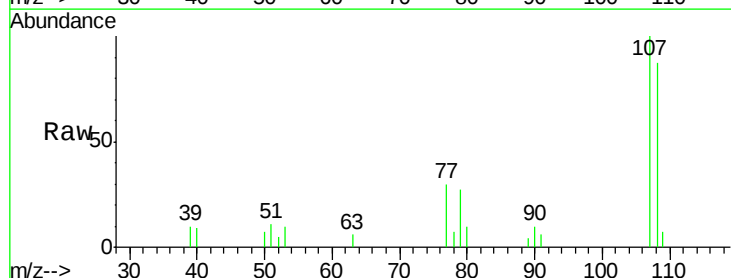
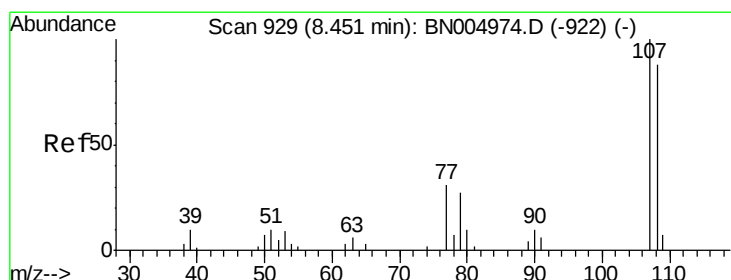
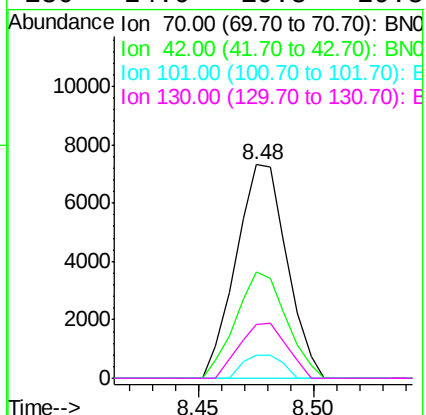
Ion Ratio Lower Upper

70 100

42 49.6 38.4 57.6

101 10.7 8.8 13.2

130 24.9 19.8 29.8



#20

3+4-Methylphenols

Concen: 19.694 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Tgt Ion: 107 Resp: 16694

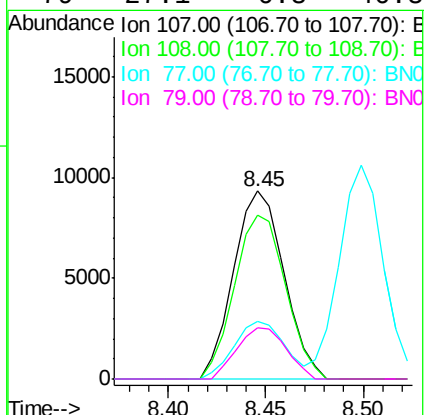
Ion Ratio Lower Upper

107 100

108 87.4 67.9 107.9

77 30.5 10.6 50.6

79 27.1 6.8 46.8

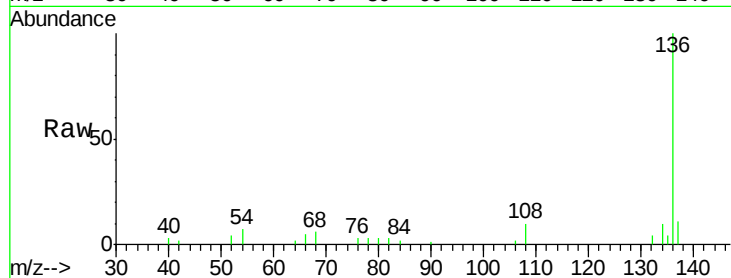




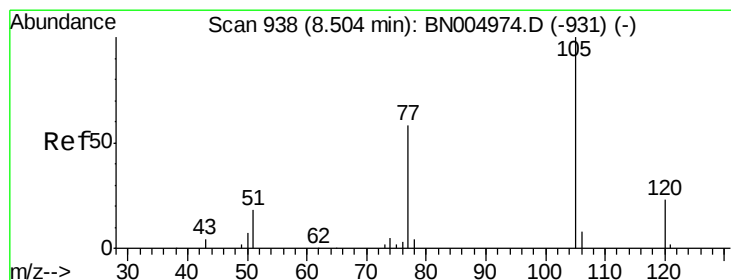
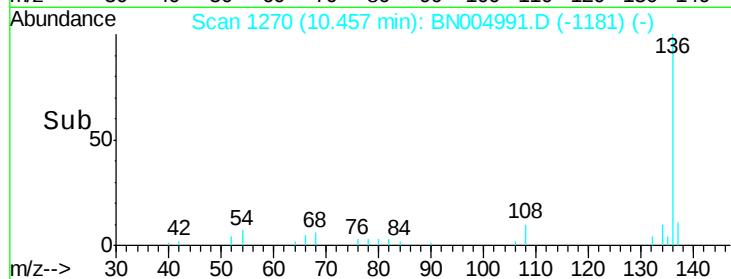
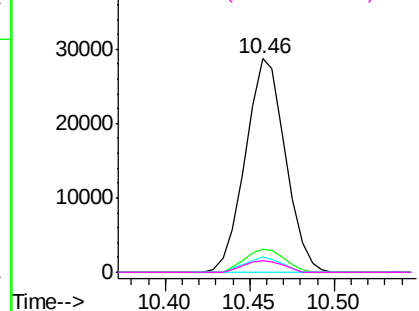
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:136	Resp:	47263	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.9	13.3	
54 7.1	5.3	7.9	
68 5.6	4.6	6.8	

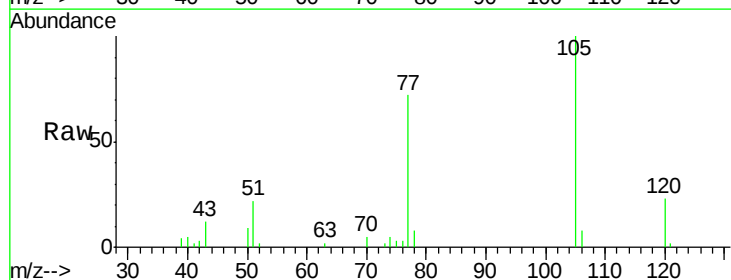


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

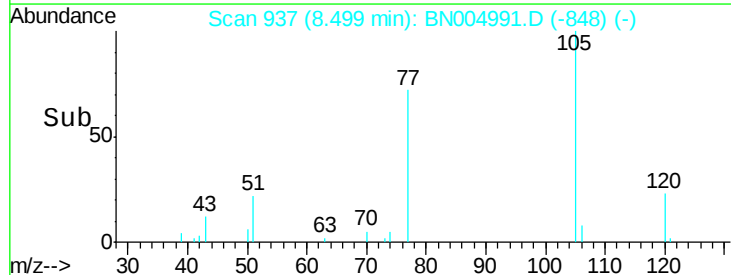
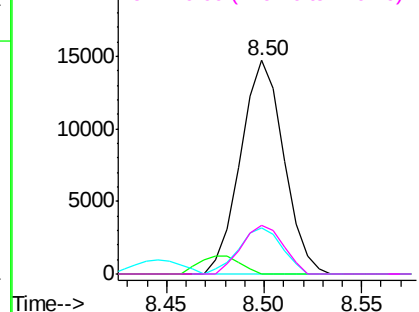


#22
Acetophenone
Concen: 20.939 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt	Ion:105	Resp:	22591
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	21.6	17.8	26.8
120	23.0	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

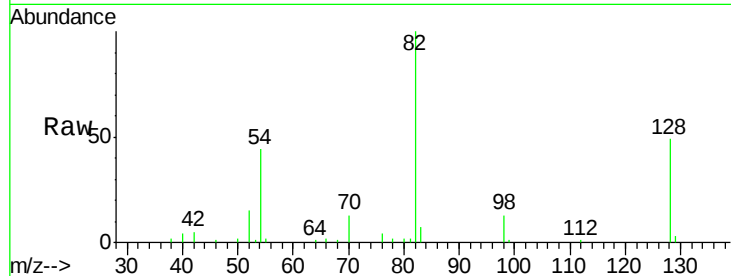




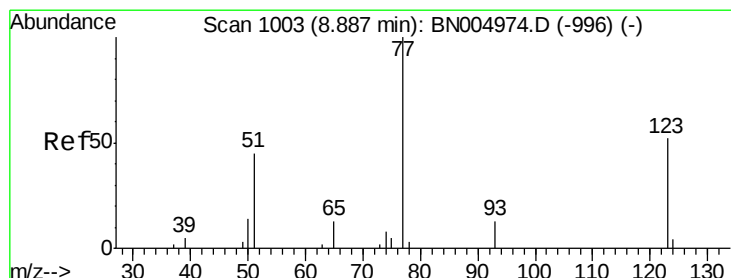
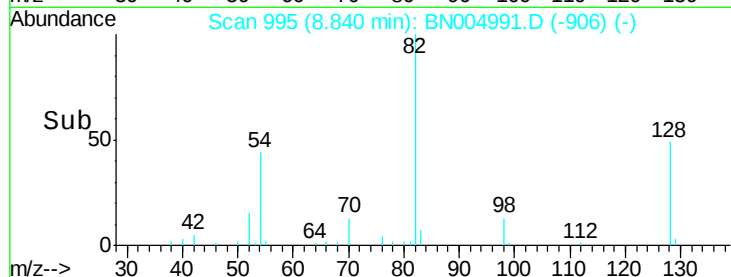
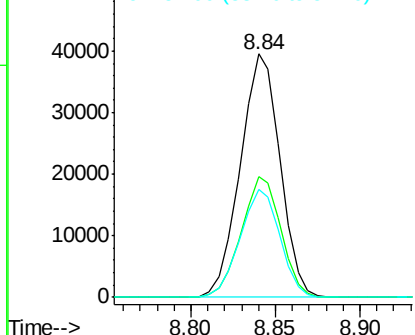
#23
Nitrobenzene-d5
Concen: 82.900 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion: 82 Resp: 64771
Ion Ratio Lower Upper
82 100
128 49.4 40.6 60.8
54 44.4 35.2 52.8

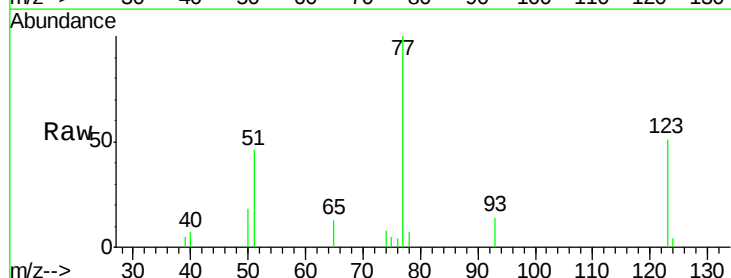


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BN0

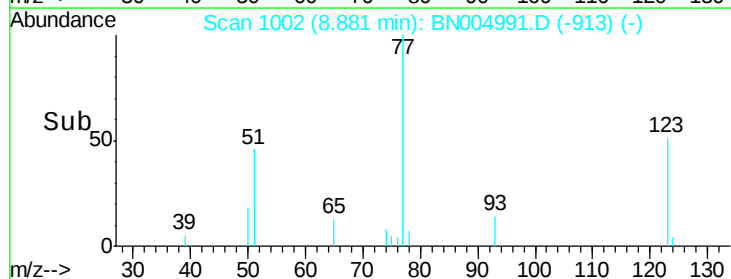
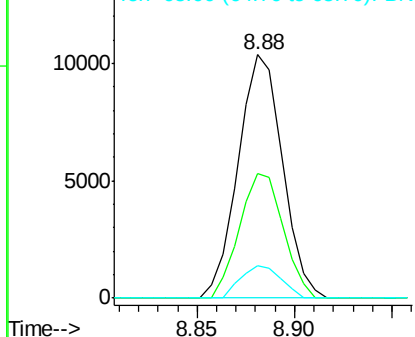


#24
Nitrobenzene
Concen: 20.659 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion: 77 Resp: 16335
Ion Ratio Lower Upper
77 100
123 51.1 41.3 61.9
65 13.4 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: 21.073 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

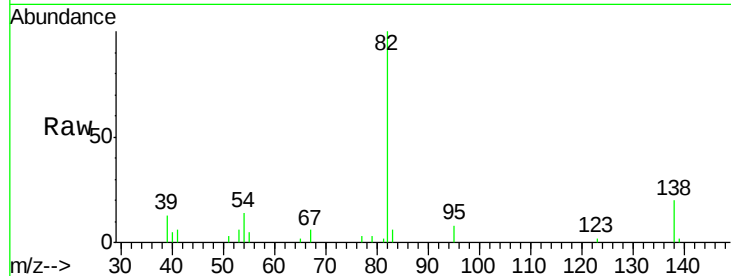
Tot Ion: 82 Resp: 32075

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

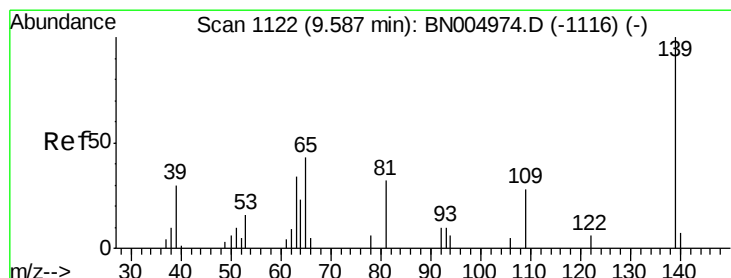
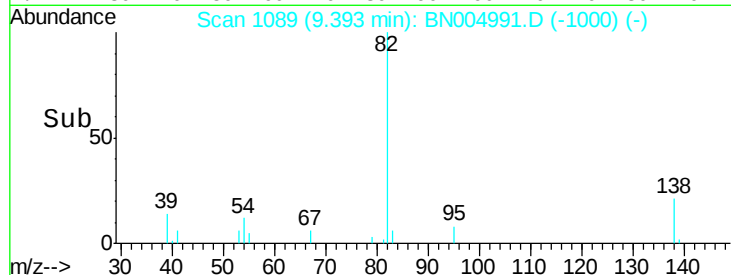
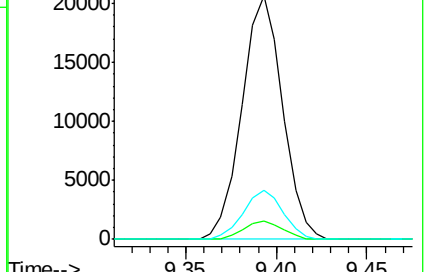
138 20.1 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BN004991.D (-1000) (-)

Ion 95.00 (94.70 to 95.70): BN004991.D (-1000) (-)

Ion 138.00 (137.70 to 138.70): BN004991.D (-1000) (-)



#26

2-Nitrophenol

Concen: 19.925 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

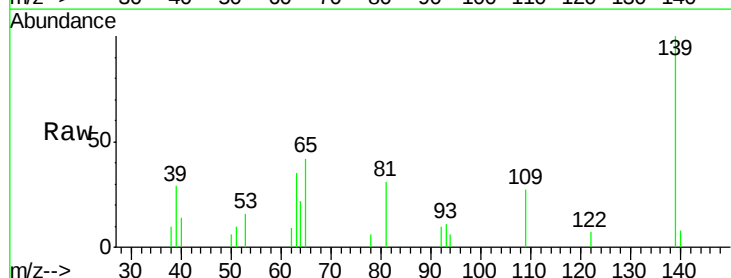
Tgt Ion: 139 Resp: 9148

Ion Ratio Lower Upper

139 100

109 27.2 22.5 33.7

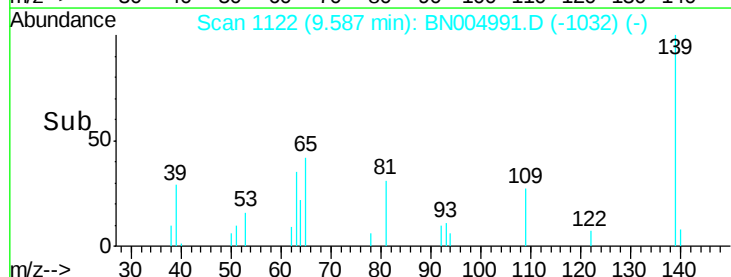
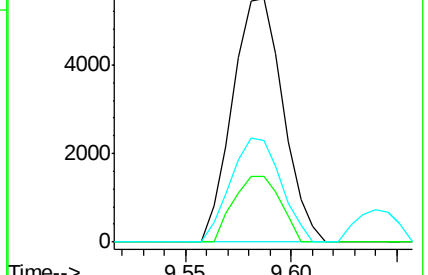
65 41.8 34.2 51.4

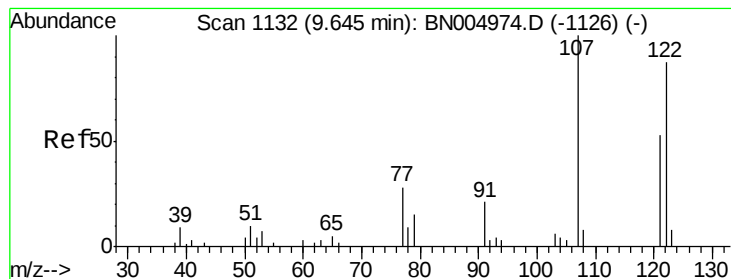


Abundance Ion 139.00 (138.70 to 139.70): BN004991.D (-1032) (-)

Ion 109.00 (108.70 to 109.70): BN004991.D (-1032) (-)

Ion 65.00 (64.70 to 65.70): BN004991.D (-1032) (-)





#27

2,4-Dimethylphenol

Concen: 20.333 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

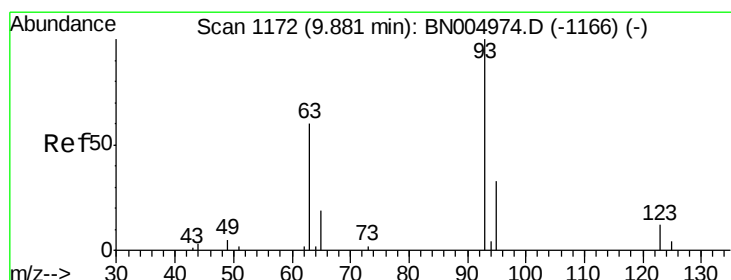
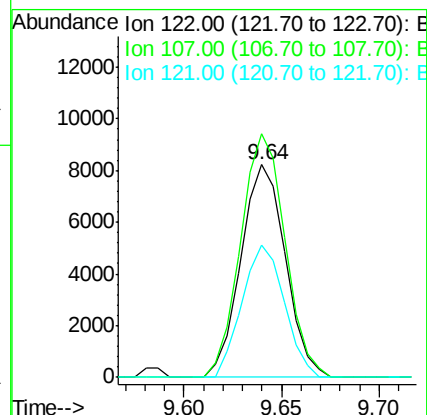
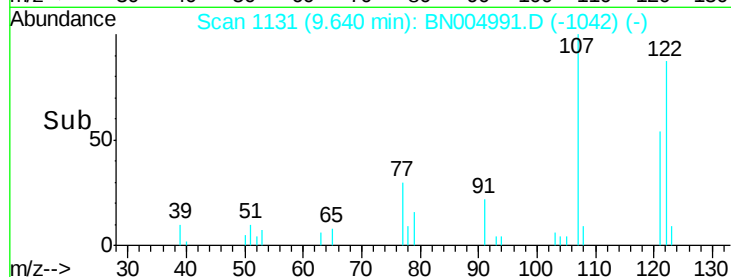
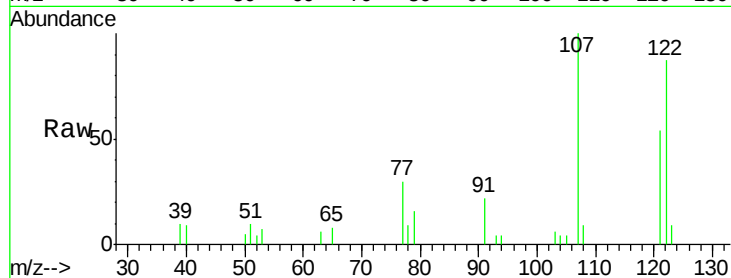
Tot Ion:122 Resp: 12997

Ion Ratio Lower Upper

122 100

107 114.7 91.6 137.4

121 62.3 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 21.025 ng

RT: 9.88 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

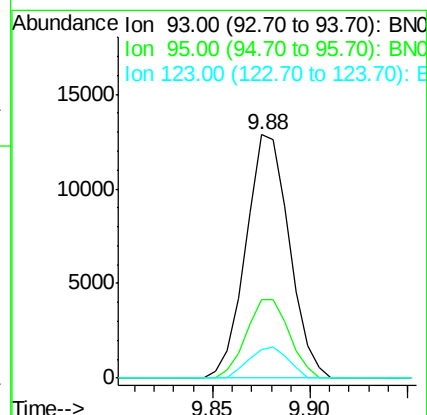
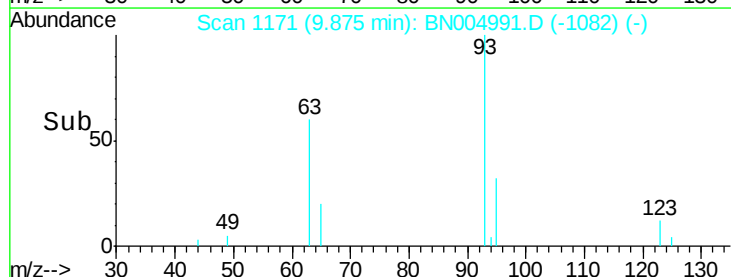
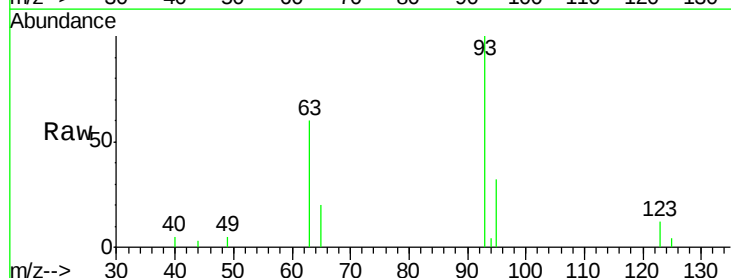
Tgt Ion: 93 Resp: 19828

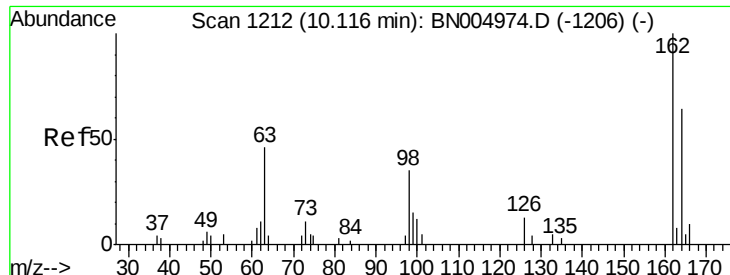
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.4

123 11.7 9.8 14.8

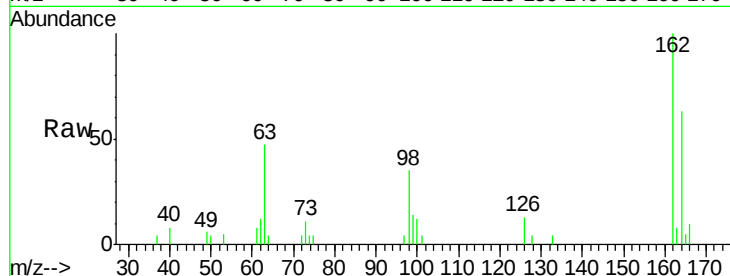




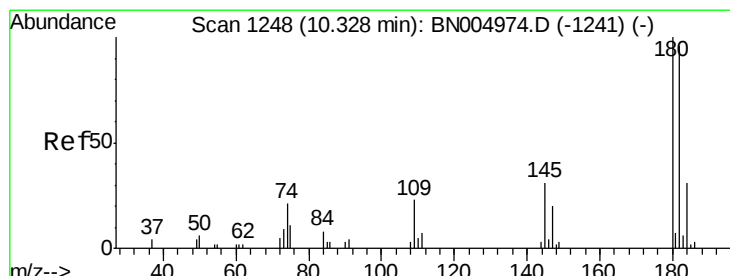
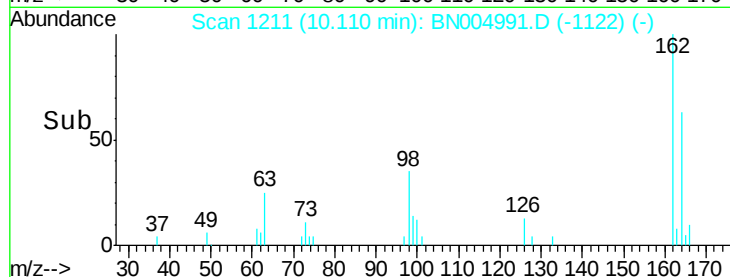
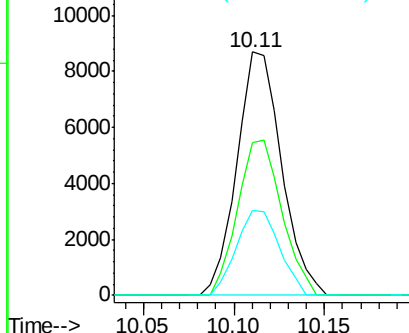
#29
2,4-Dichlorophenol
Concen: 20.400 ng
RT: 10.11 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.3	84.3
98	35.0	15.3	55.3

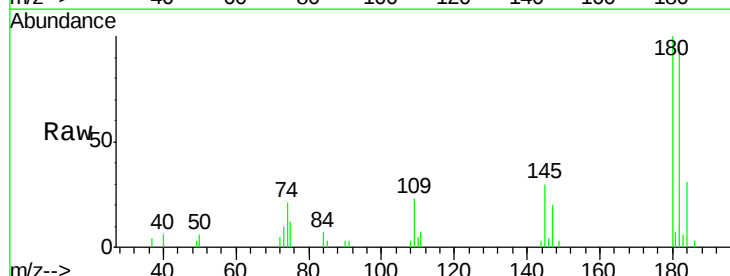


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNC

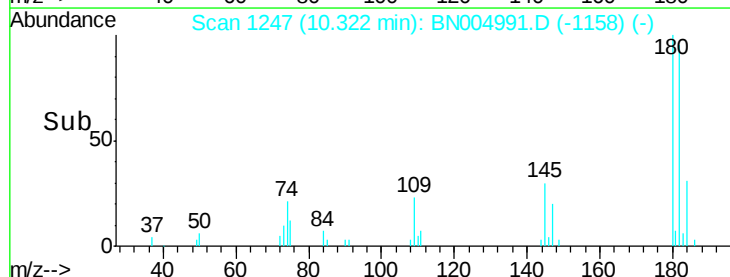
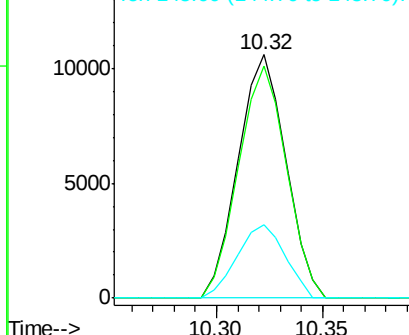


#30
1,2,4-Trichlorobenzene
Concen: 20.541 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.6	114.8
145	30.3	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

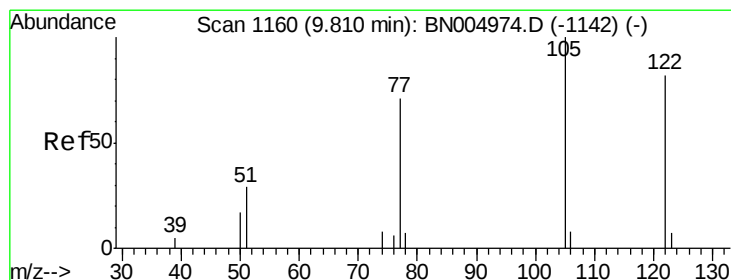
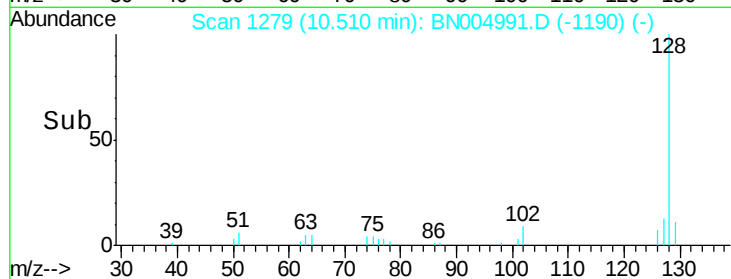
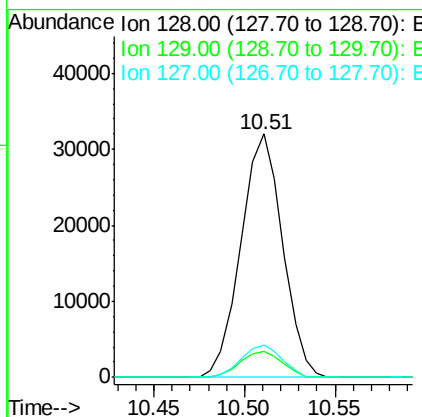
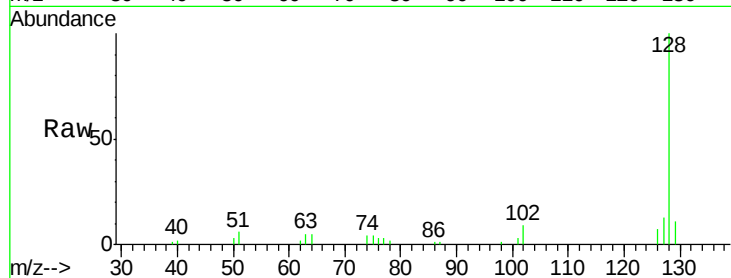




#31
Naphthalene
Concen: 20.741 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

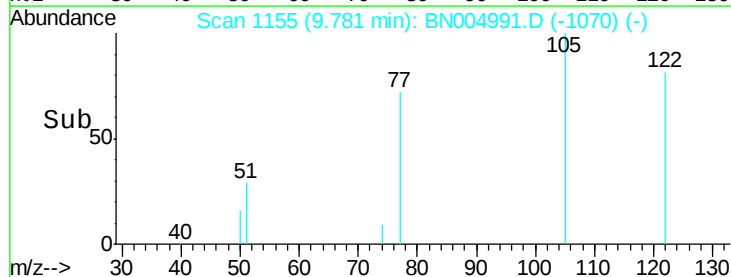
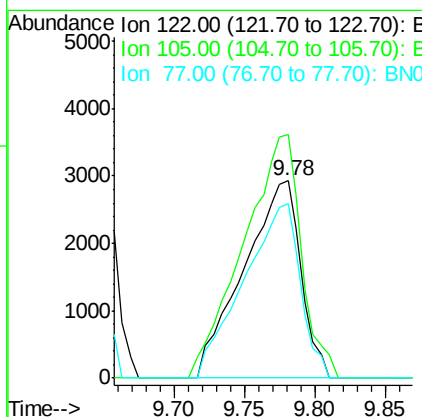
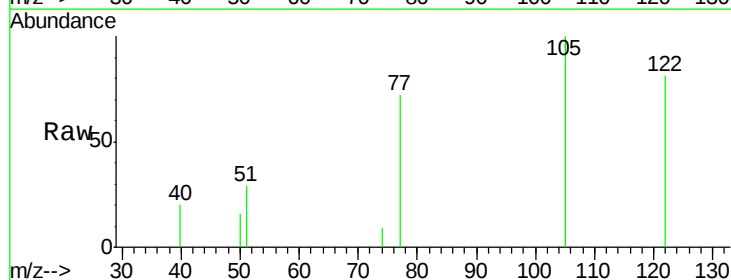
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

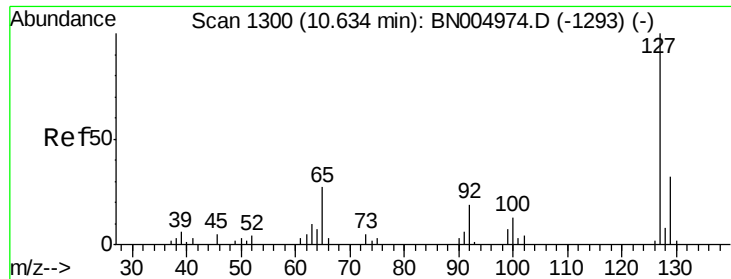
Tot Ion:128 Resp: 51144
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 19.807 ng
RT: 9.78 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:122 Resp: 8253
Ion Ratio Lower Upper
122 100
105 123.5 102.4 142.4
77 88.3 67.1 107.1

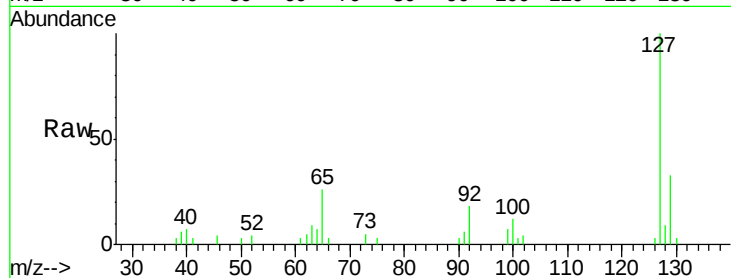




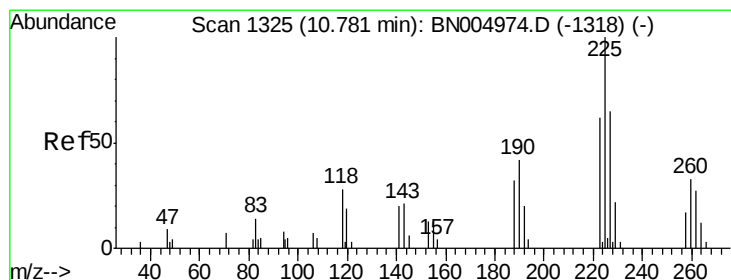
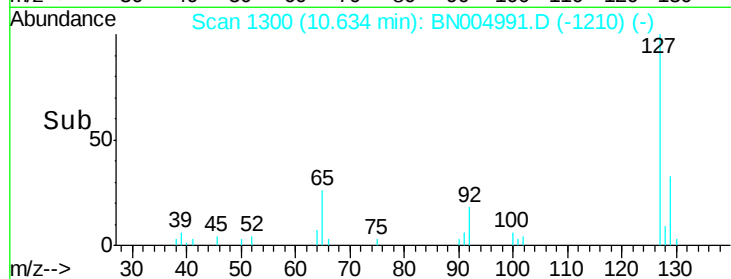
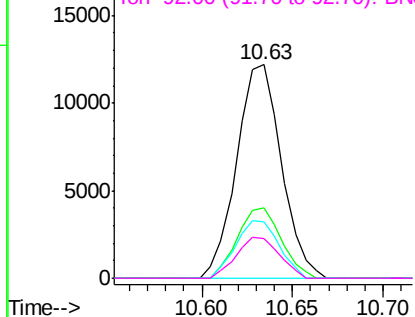
#33
4-Chloroaniline
Concen: 20.902 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:	127	Resp:	20970
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	26.4	21.4	32.0
92	18.5	15.3	22.9

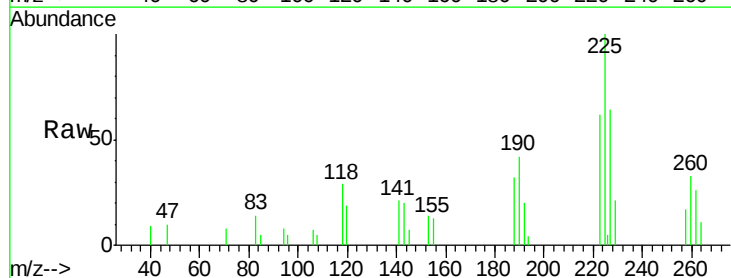


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

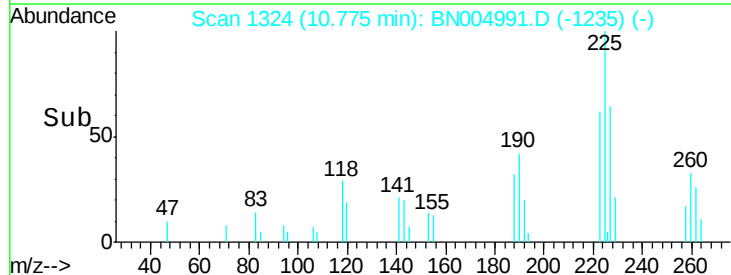
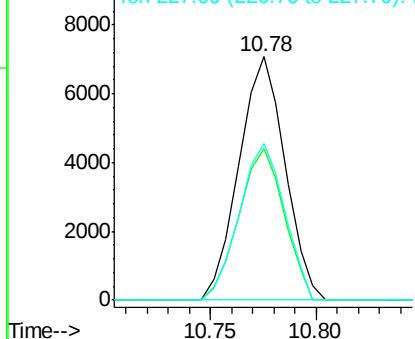


#34
Hexachlorobutadiene
Concen: 20.428 ng
RT: 10.78 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:	225	Resp:	10697
Ion	Ratio	Lower	Upper
225	100		
223	62.1	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: 21.039 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

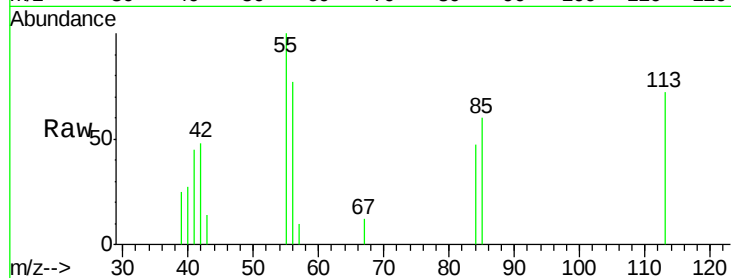
Tot Ion:113 Resp: 5061

Ion Ratio Lower Upper

113 100

55 138.5 115.8 155.8

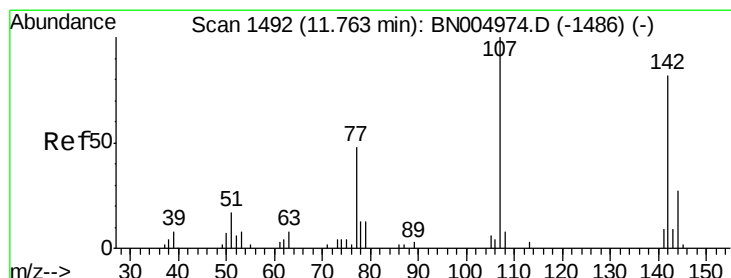
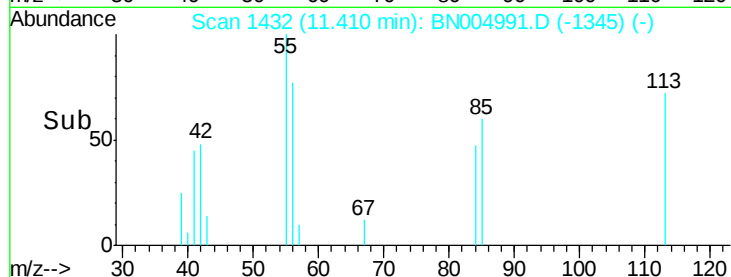
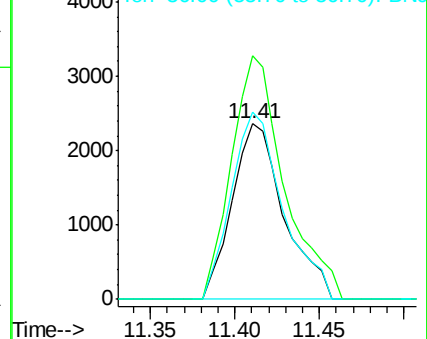
56 106.7 85.1 125.1



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: 20.877 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

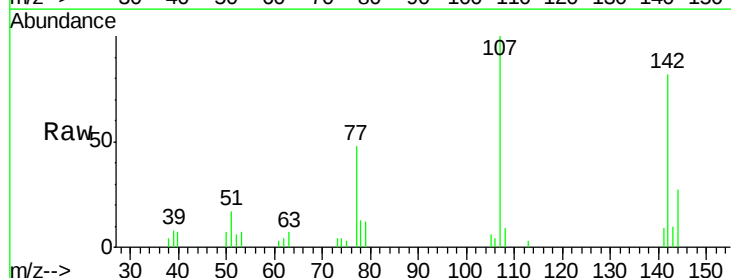
Tgt Ion:107 Resp: 16569

Ion Ratio Lower Upper

107 100

144 27.4 21.3 31.9

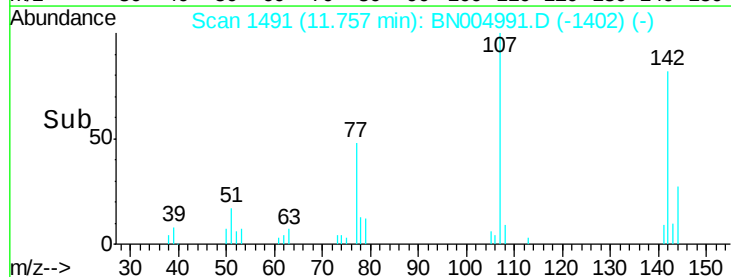
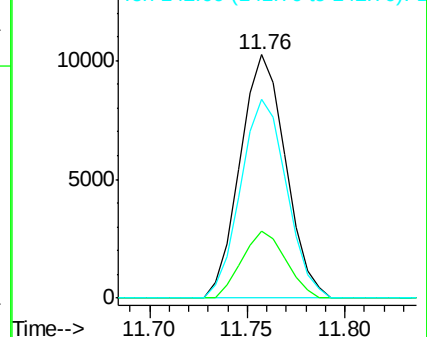
142 81.6 65.8 98.8

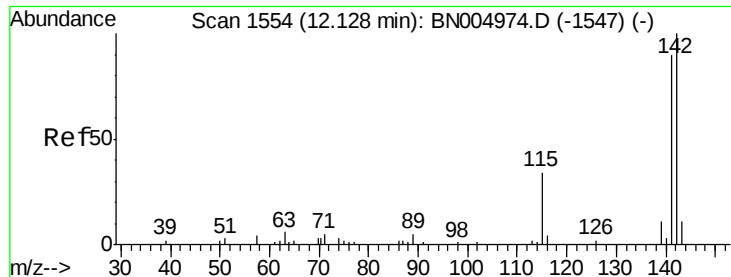


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

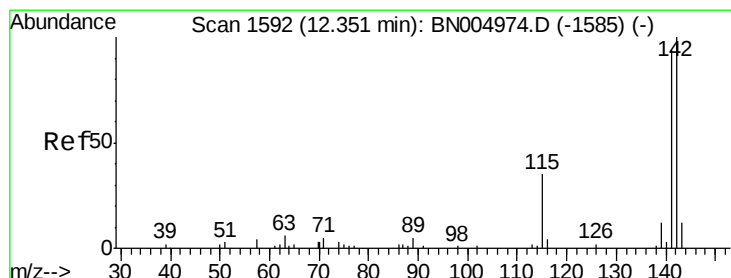
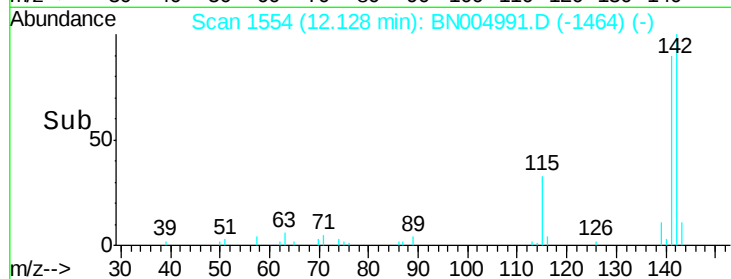
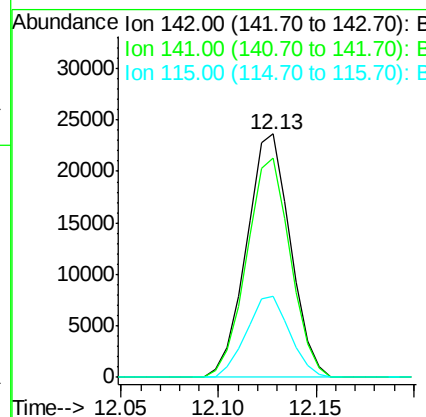
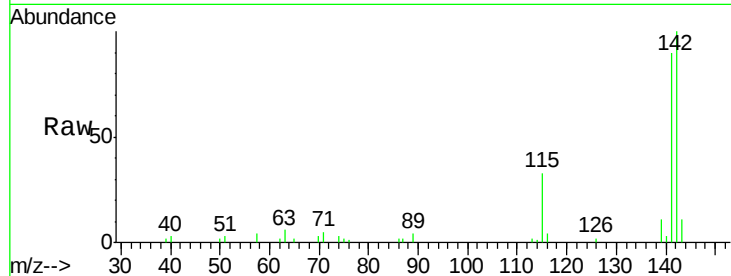




#37
 2-Methylnaphthalene
 Concen: 21.110 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

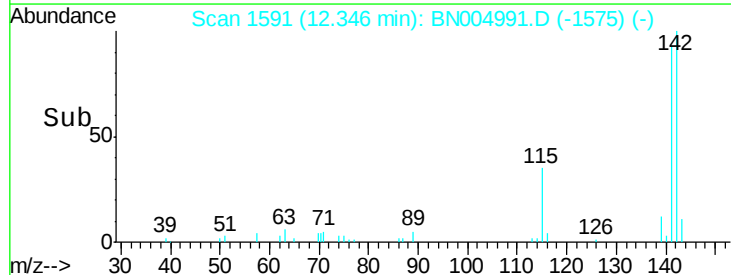
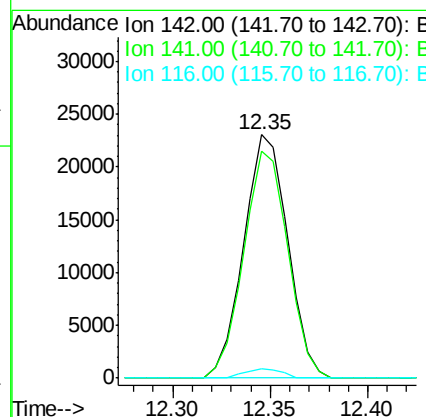
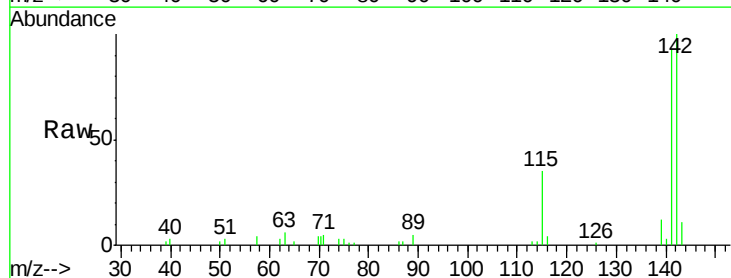
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

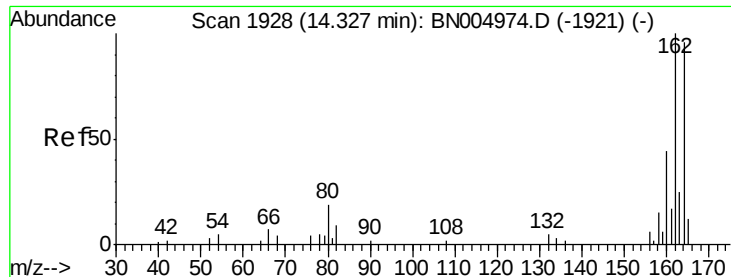
Tot Ion:142 Resp: 36758
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.8 107.8
 115 33.4 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 21.131 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:142 Resp: 36005
 Ion Ratio Lower Upper
 142 100
 141 93.3 74.9 112.3
 116 3.8 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: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

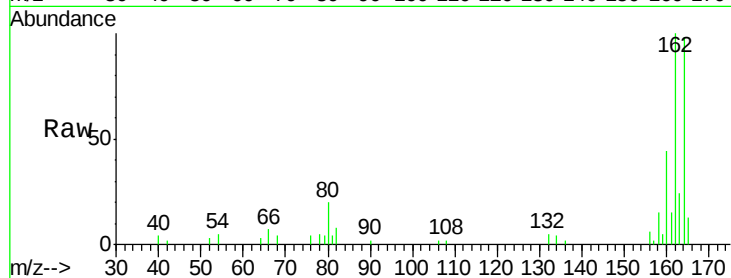
Tot Ion:164 Resp: 27843

Ion Ratio Lower Upper

164 100

162 102.5 83.4 125.0

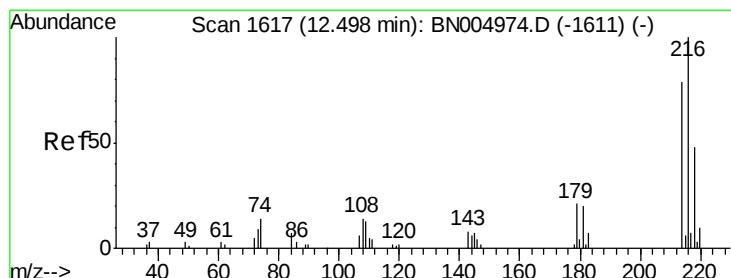
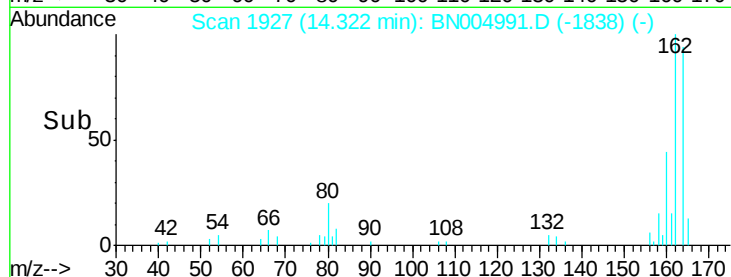
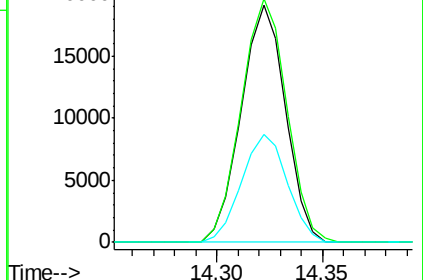
160 45.3 36.6 55.0



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: 20.226 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Tgt Ion:216 Resp: 19974

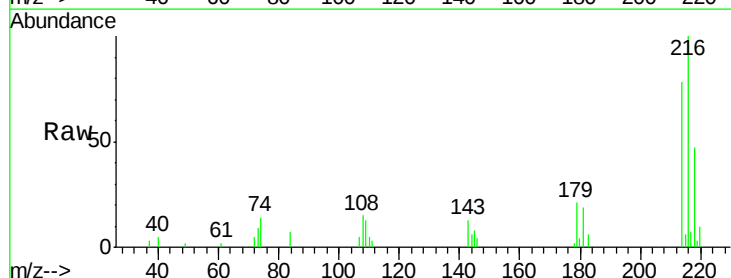
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 20.6 16.4 24.6

108 14.9 12.7 19.1

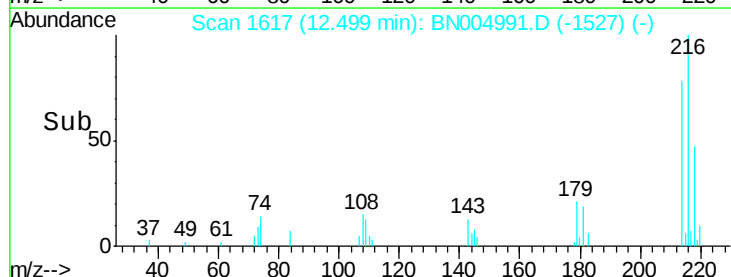
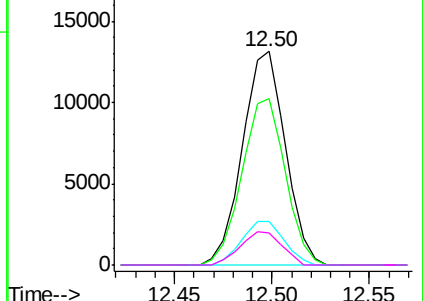


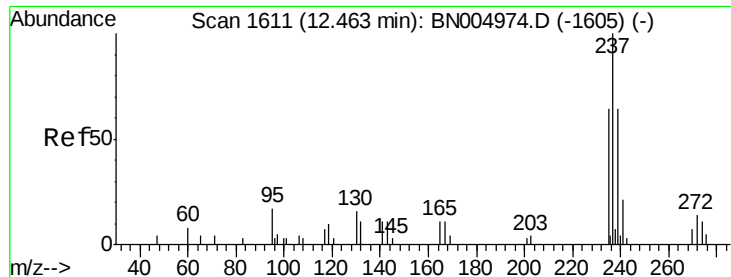
Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.169 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

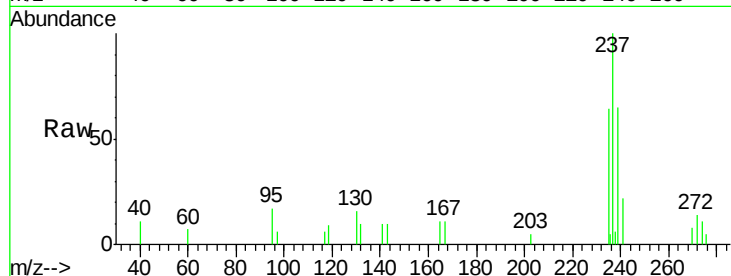
Tot Ion:237 Resp: 9283

Ion Ratio Lower Upper

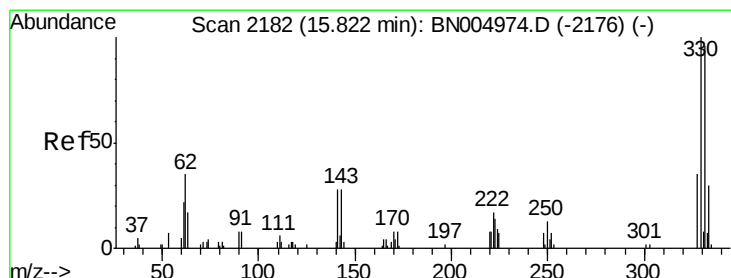
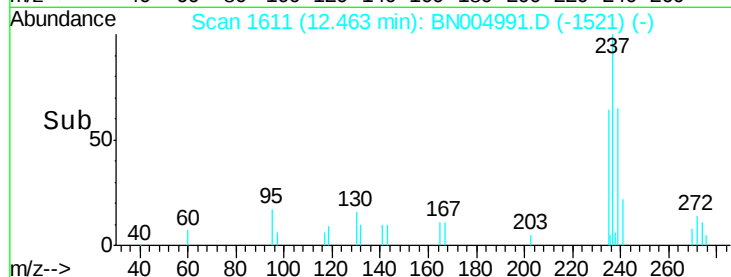
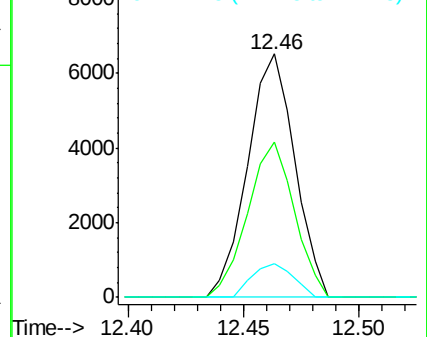
237 100

235 63.8 43.6 83.6

272 13.6 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: 146.592 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

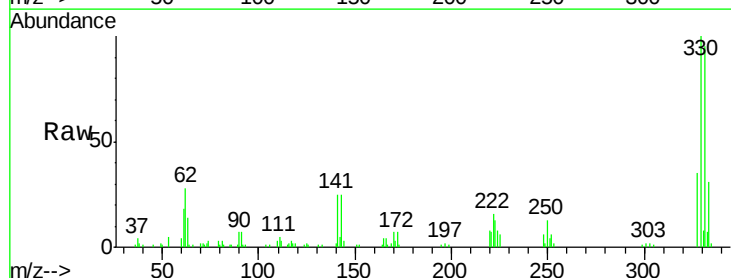
Tgt Ion:330 Resp: 65828

Ion Ratio Lower Upper

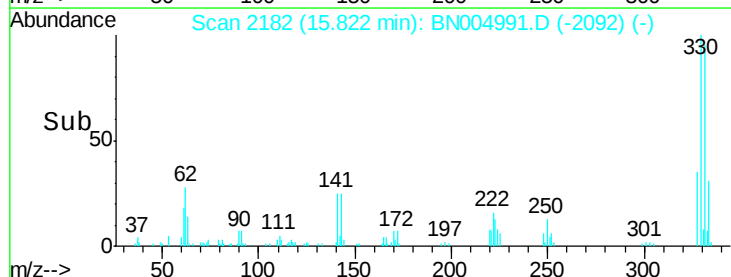
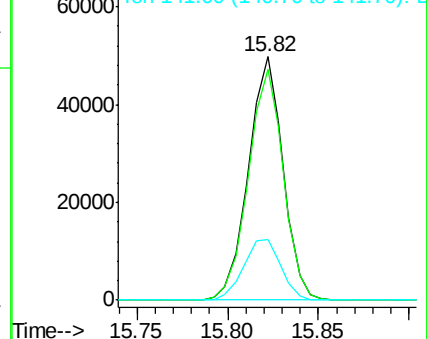
330 100

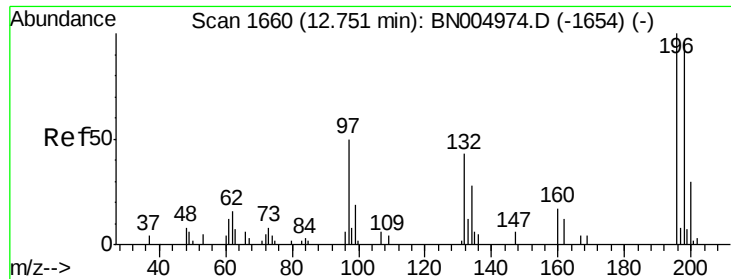
332 96.0 77.4 116.0

141 26.9 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

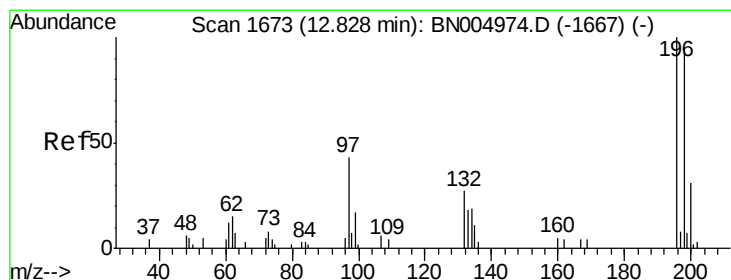
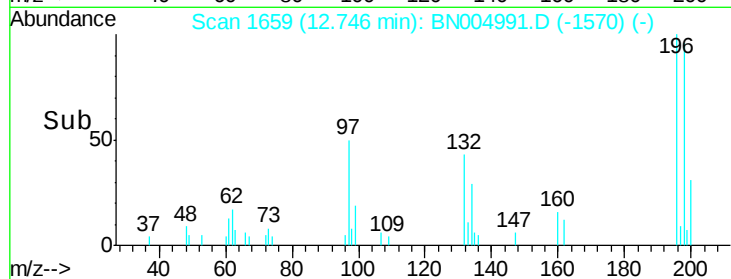
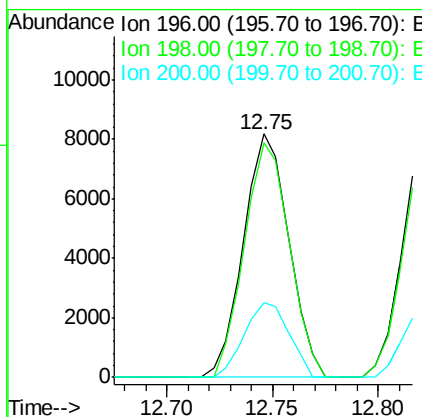
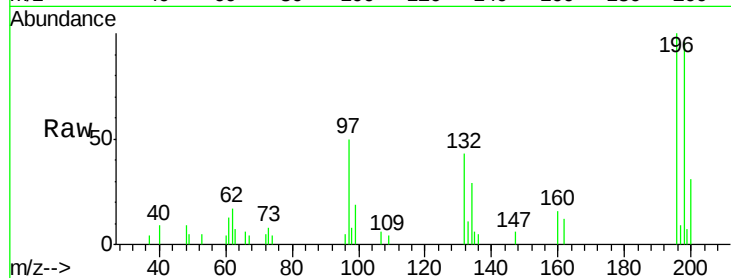




#43
 2,4,6-Trichlorophenol
 Concen: 19.948 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

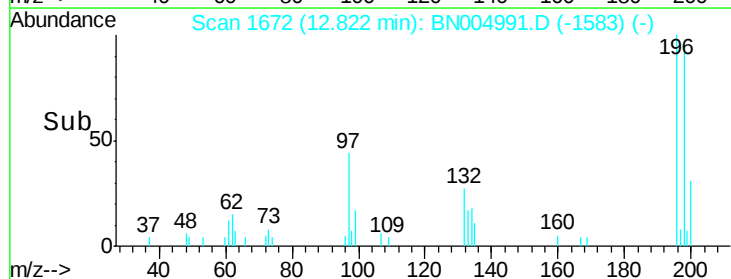
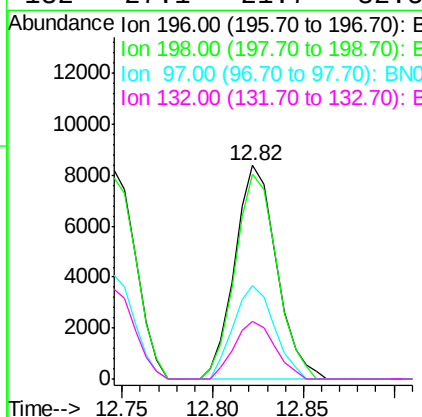
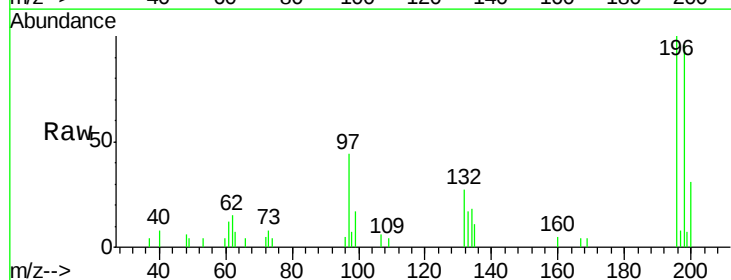
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tot Ion:196 Resp: 12224
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.5 114.7
 200 30.7 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 20.182 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:196 Resp: 13473
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.1 114.1
 97 43.6 34.8 52.2
 132 27.1 21.7 32.5

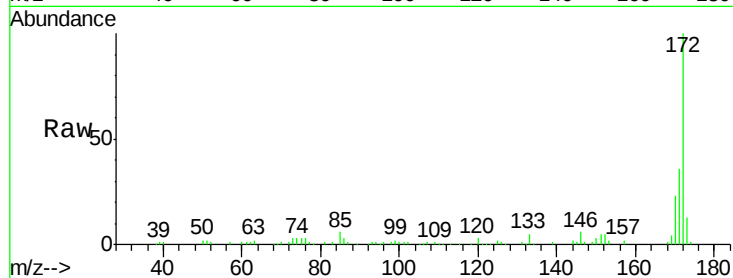




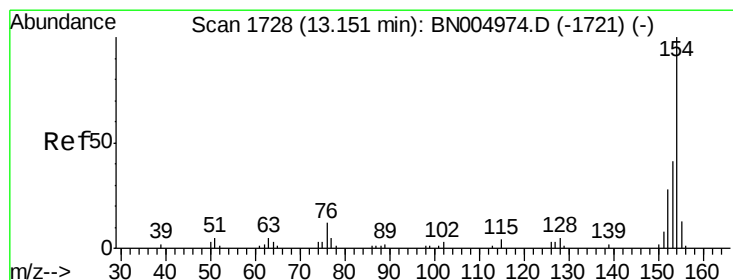
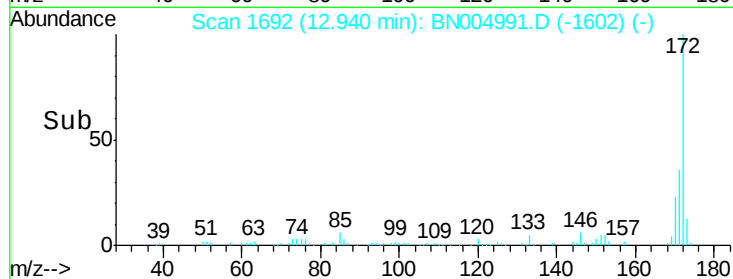
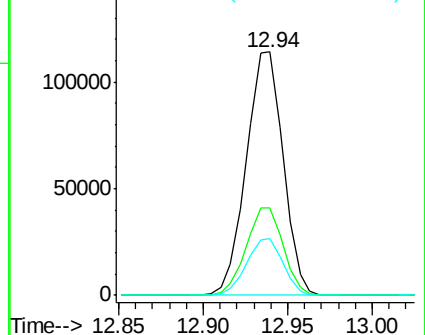
#45
2-Fluorobiphenyl
Concen: 82.821 ng
RT: 12.94 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:172 Resp: 174021
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.4 18.9 28.3

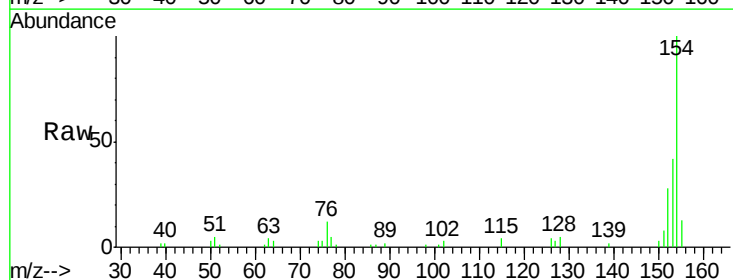


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

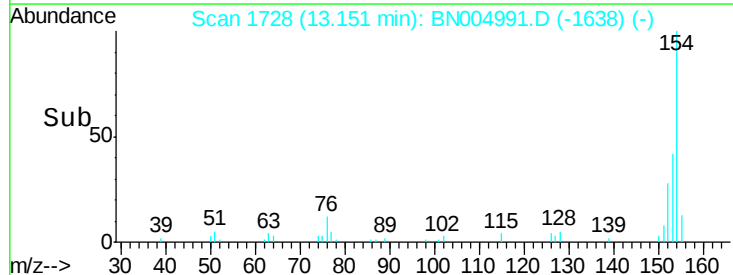
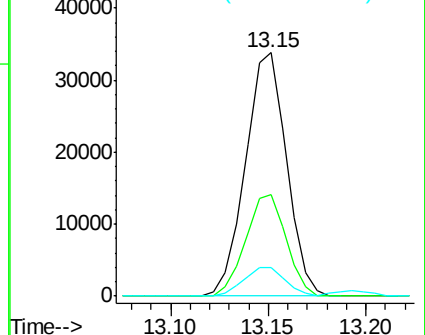


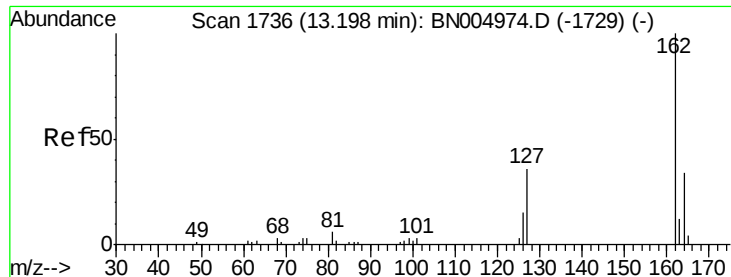
#46
1,1'-Biphenyl
Concen: 20.872 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:154 Resp: 49185
Ion Ratio Lower Upper
154 100
153 41.6 21.2 61.2
76 11.6 0.0 32.2



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

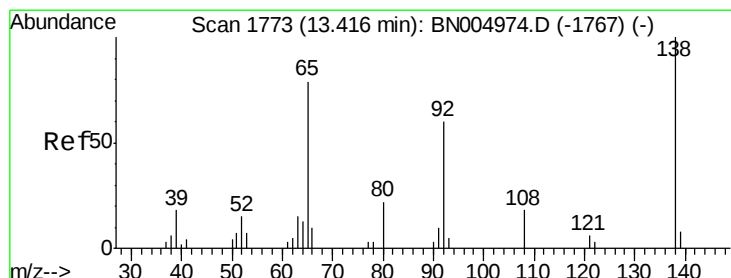
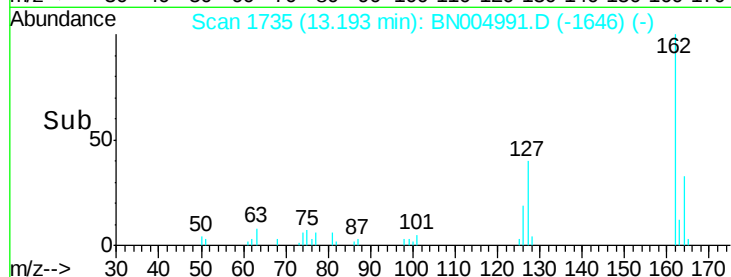
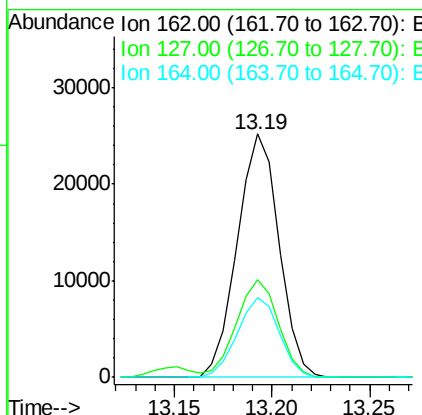
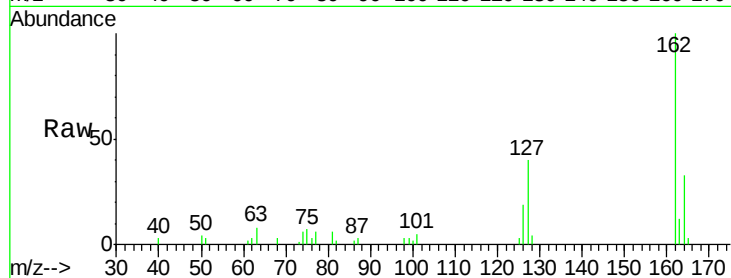




#47
2-Chloronaphthalene
Concen: 20.645 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

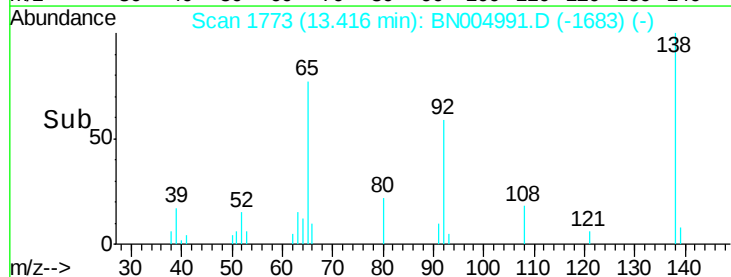
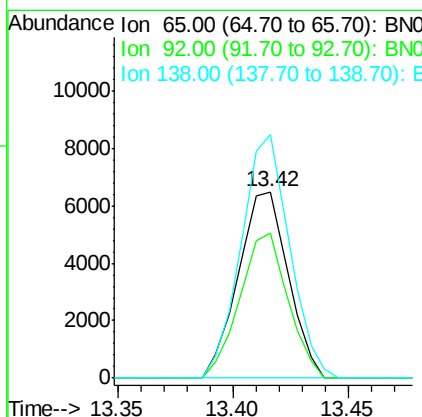
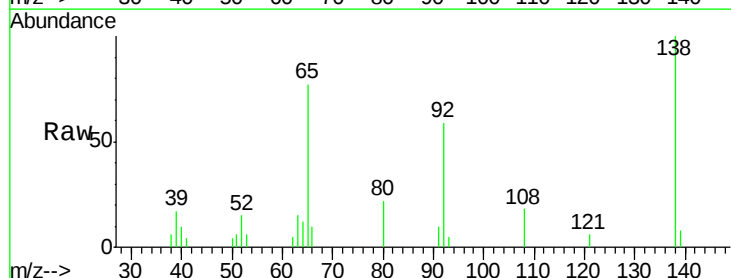
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:162 Resp: 37334
Ion Ratio Lower Upper
162 100
127 40.2 32.4 48.6
164 33.0 26.8 40.2



#48
2-Nitroaniline
Concen: 20.298 ng
RT: 13.42 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion: 65 Resp: 9771
Ion Ratio Lower Upper
65 100
92 77.4 60.2 90.4
138 130.5 101.1 151.7





#49

Acenaphthylene

Concen: 21.041 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

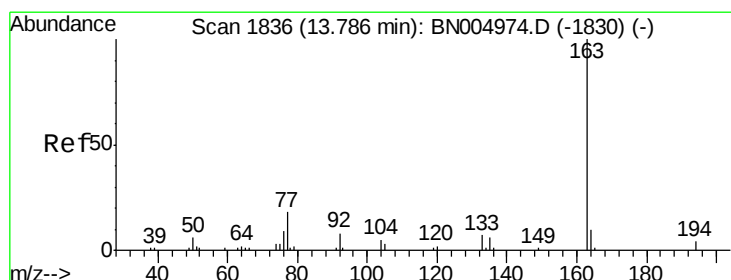
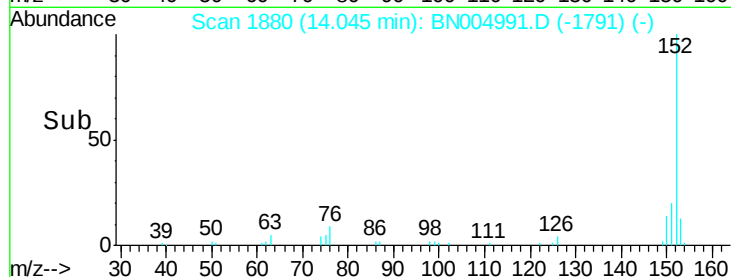
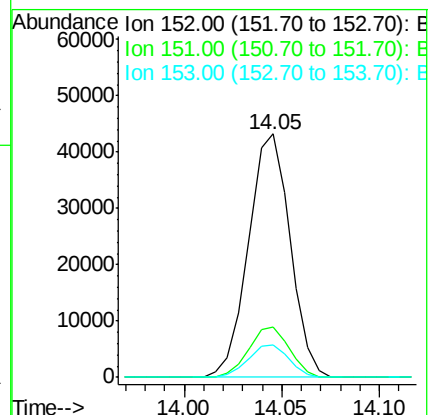
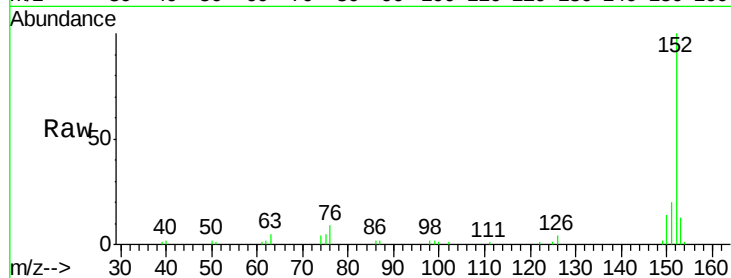
Tot Ion:152 Resp: 63996

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 21.401 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

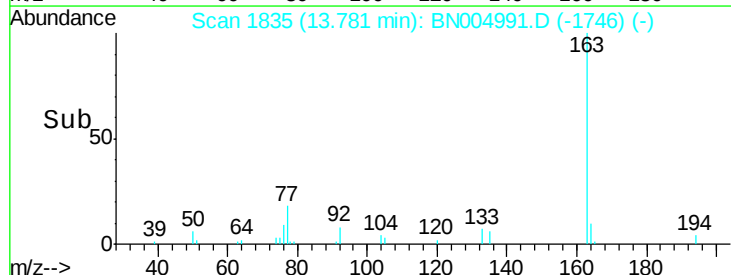
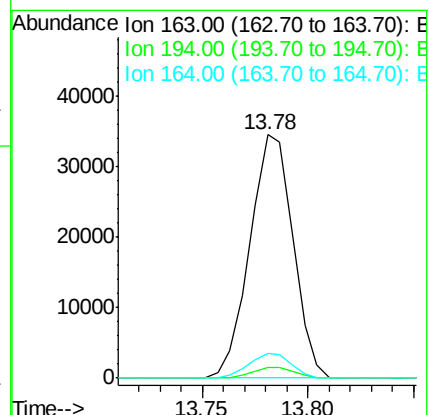
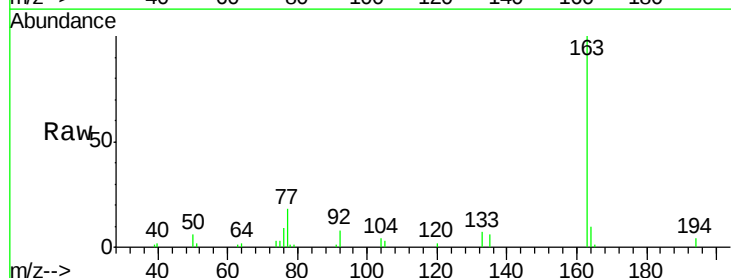
Tgt Ion:163 Resp: 48956

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.3 12.5

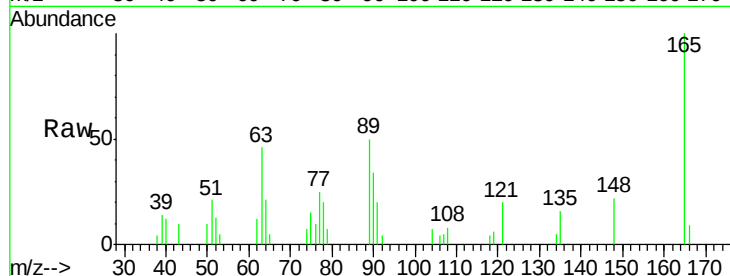




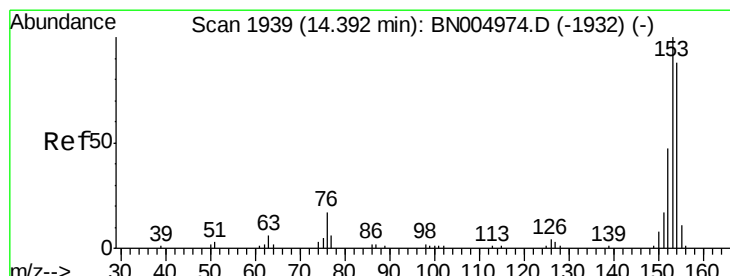
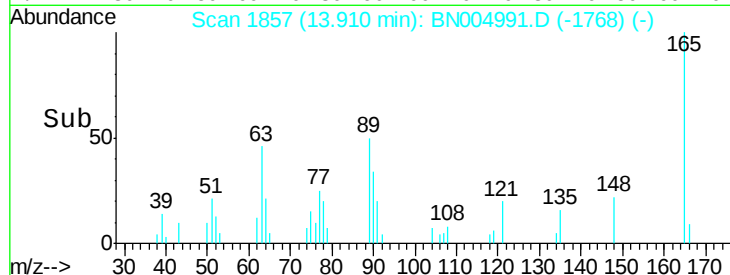
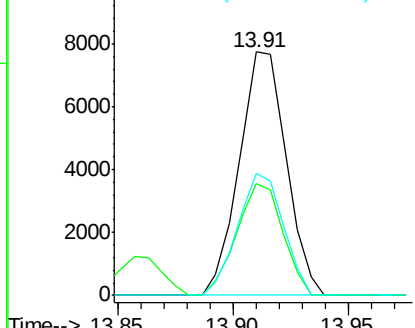
#51
 2,6-Dinitrotoluene
 Concen: 21.119 ng
 RT: 13.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tot Ion:165 Resp: 10993
 Ion Ratio Lower Upper
 165 100
 63 45.8 37.3 55.9
 89 50.0 39.2 58.8

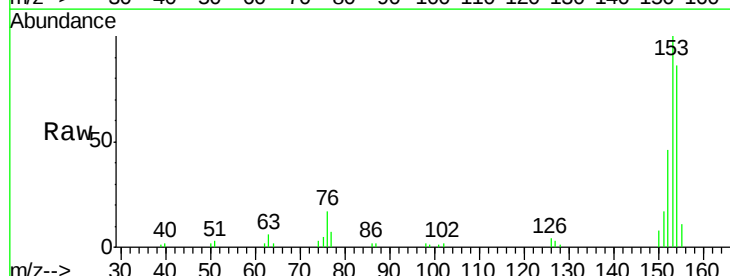


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

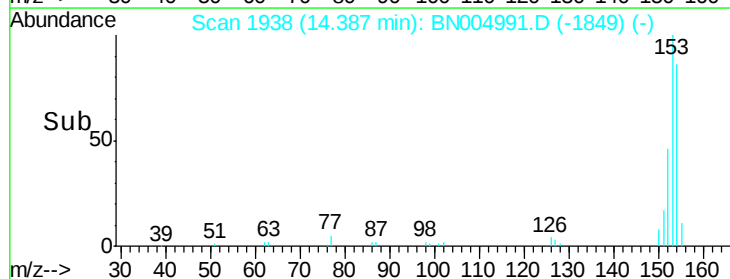
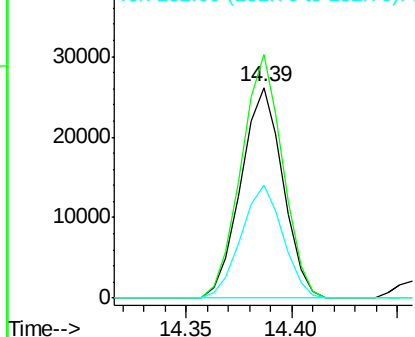


#52
 Acenaphthene
 Concen: 21.105 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:154 Resp: 36111
 Ion Ratio Lower Upper
 154 100
 153 115.6 91.0 136.4
 152 53.5 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

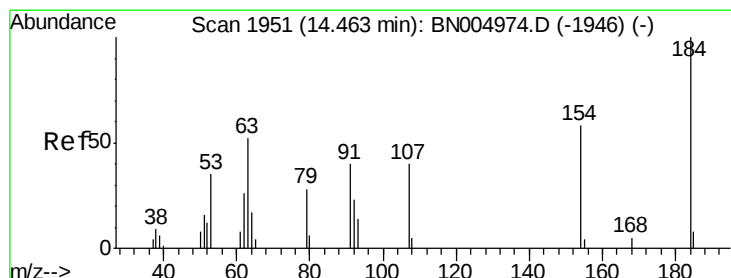
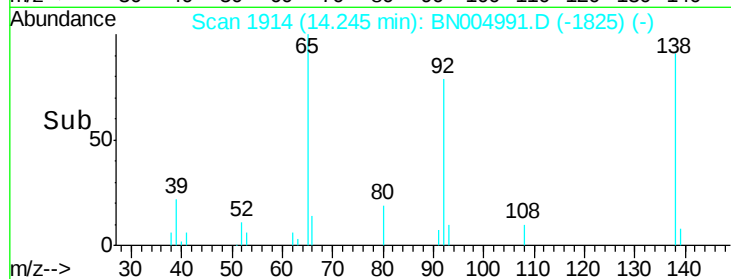
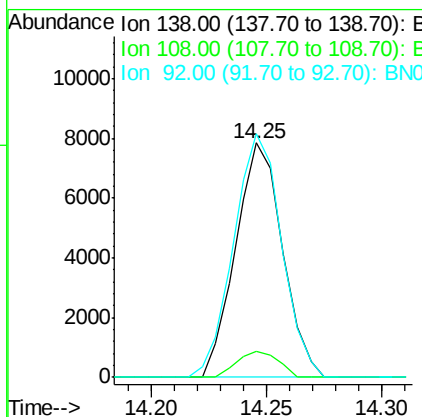
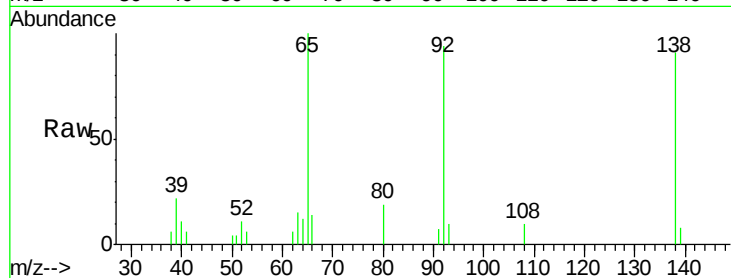




#53
 3-Nitroaniline
 Concen: 20.832 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

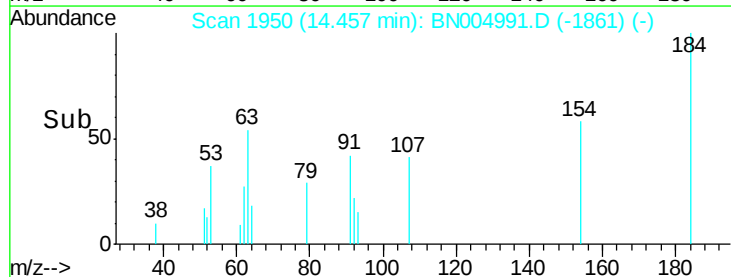
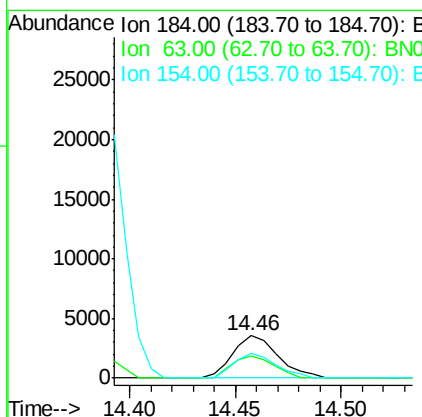
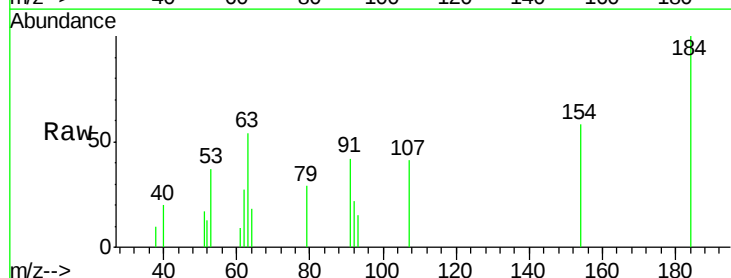
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

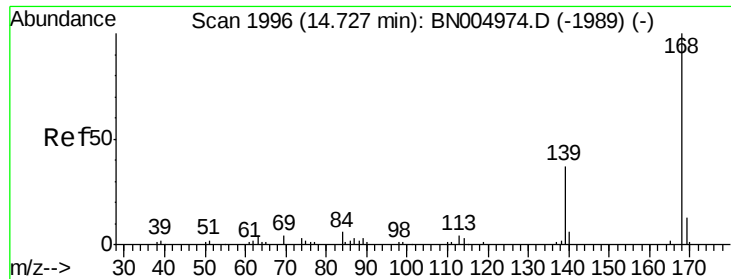
Tot Ion:138 Resp: 11083
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.6 12.8
 92 104.0 86.9 130.3



#54
 2,4-Dinitrophenol
 Concen: 22.540 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:184 Resp: 5231
 Ion Ratio Lower Upper
 184 100
 63 54.0 41.6 62.4
 154 58.5 46.8 70.2





#55

Dibenzenofuran

Concen: 21.238 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

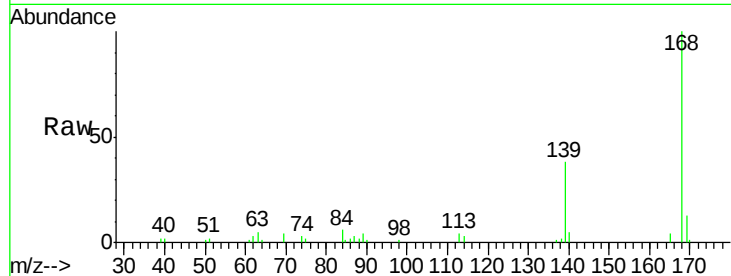
Tot Ion:168 Resp: 57822

Ion Ratio Lower Upper

168 100

139 37.8 29.9 44.9

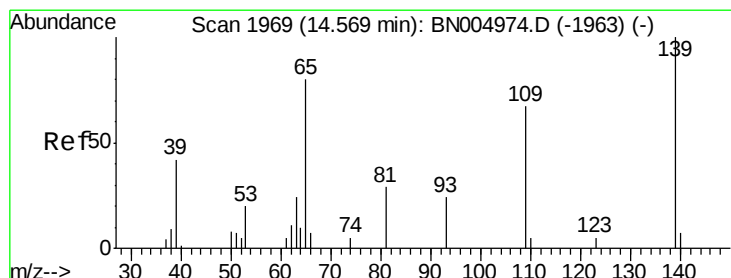
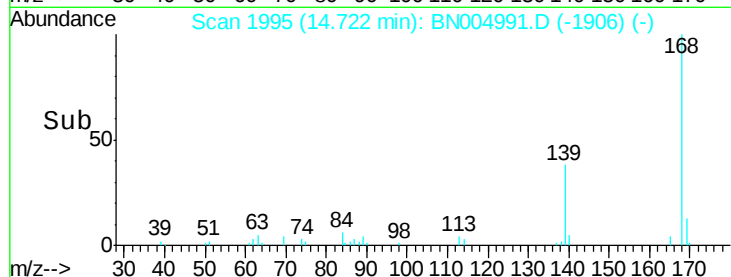
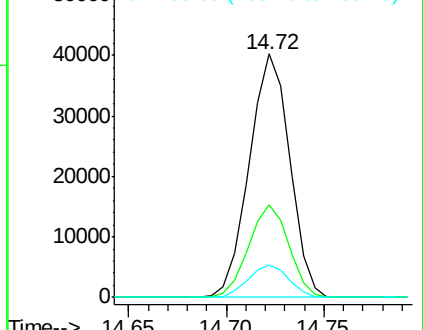
169 13.2 10.6 15.8



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: 20.131 ng

RT: 14.56 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

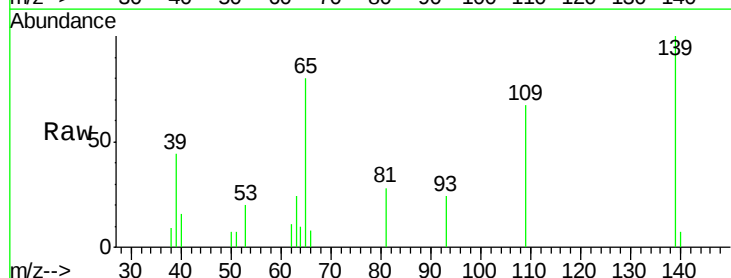
Tgt Ion:139 Resp: 8437

Ion Ratio Lower Upper

139 100

109 66.8 46.5 86.5

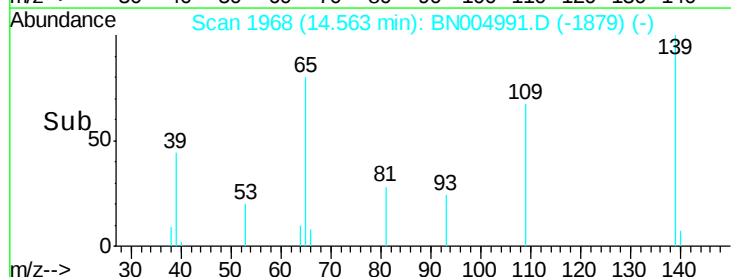
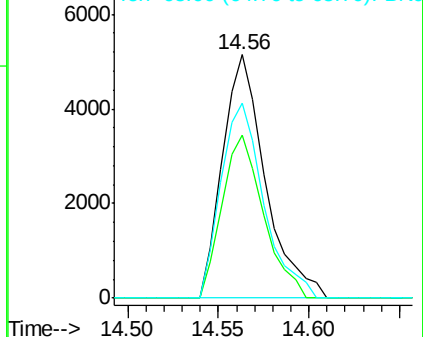
65 79.9 59.5 99.5



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

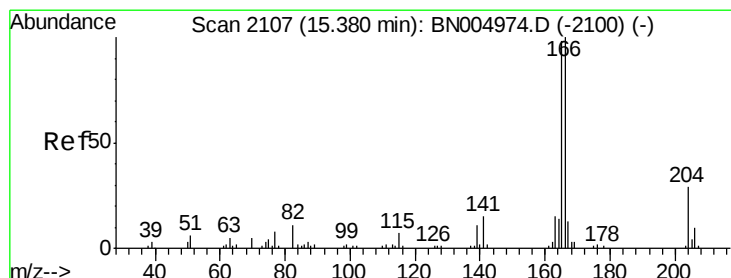
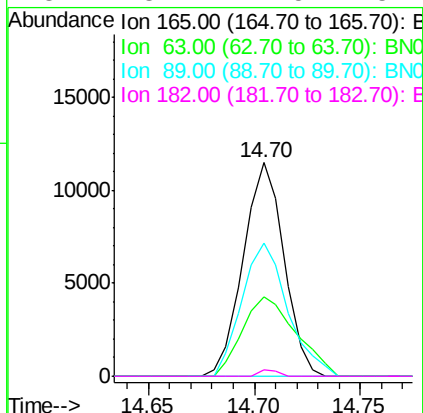
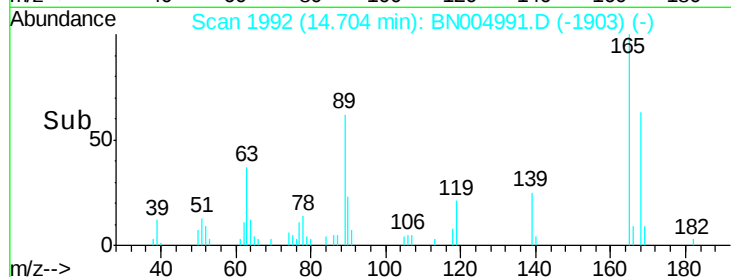
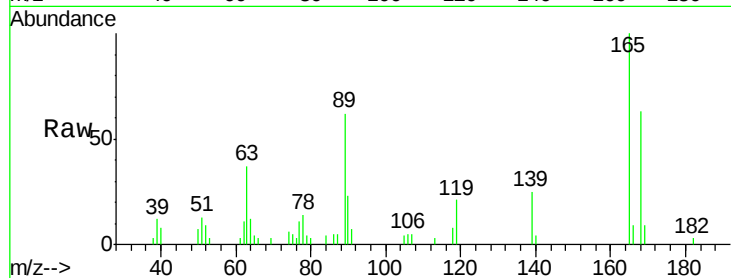




#57
2,4-Dinitrotoluene
Concen: 21.779 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

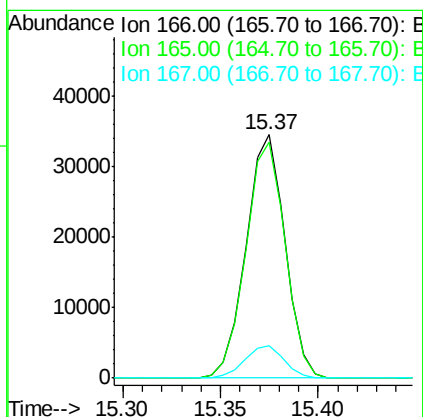
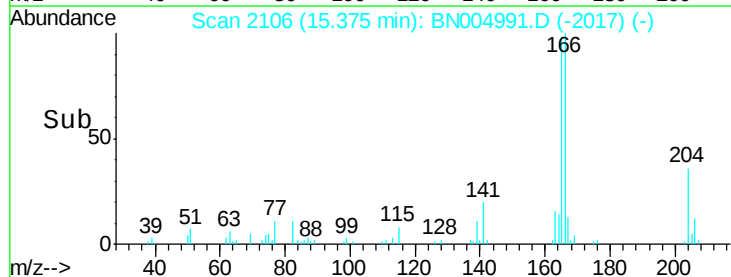
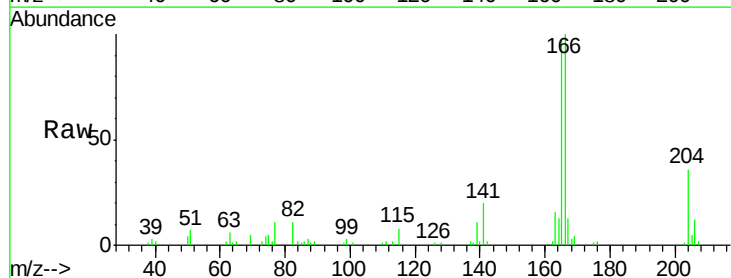
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:165 Resp: 15406
Ion Ratio Lower Upper
165 100
63 37.3 30.4 45.6
89 62.4 50.7 76.1
182 3.1 2.5 3.7



#58
Fluorene
Concen: 21.630 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:166 Resp: 47571
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.3 10.6 15.8

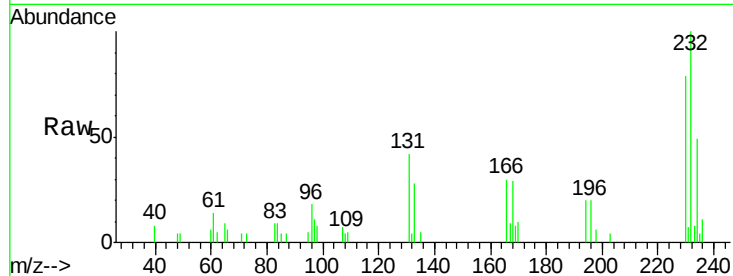




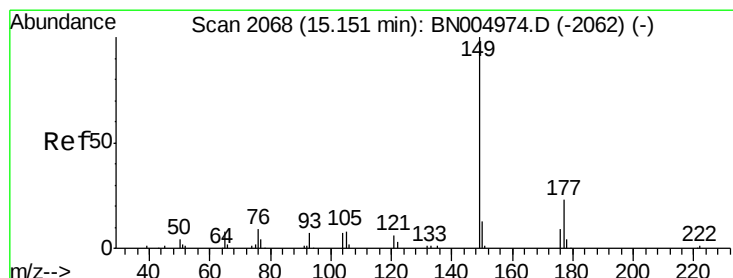
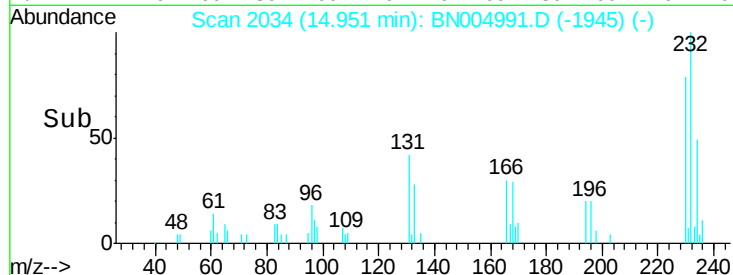
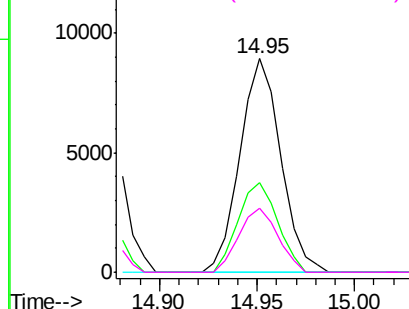
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.898 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tot Ion:232	Resp:	12935
Ion Ratio	Lower	Upper
232	100	
131	40.7	32.4 48.6
130	0.0	0.9 1.3#
166	28.8	22.6 34.0

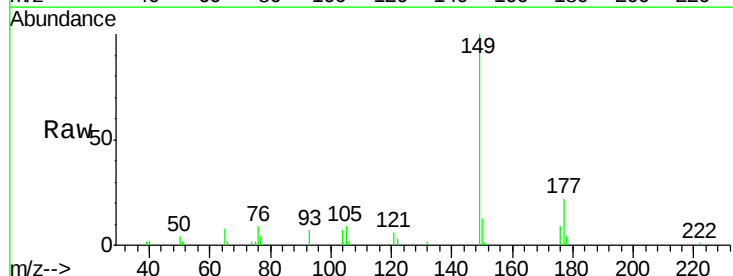


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

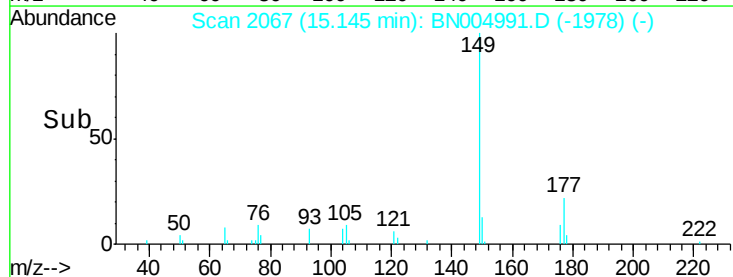
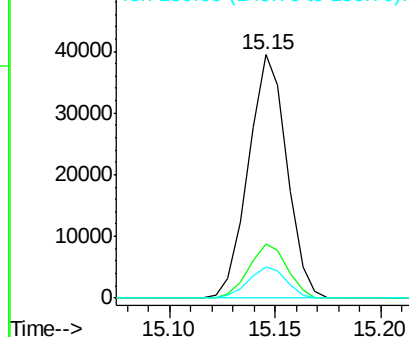


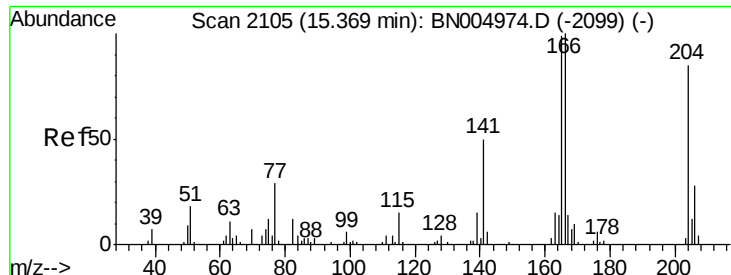
#60
 Diethylphthalate
 Concen: 21.830 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:149	Resp:	49829
Ion Ratio	Lower	Upper
149	100	
177	22.4	18.1 27.1
150	12.6	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

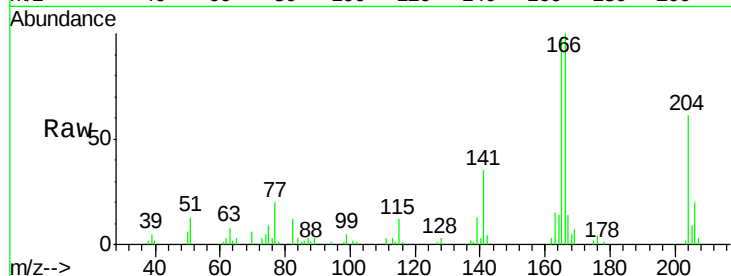




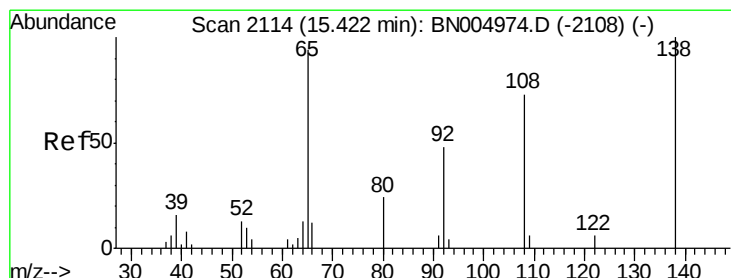
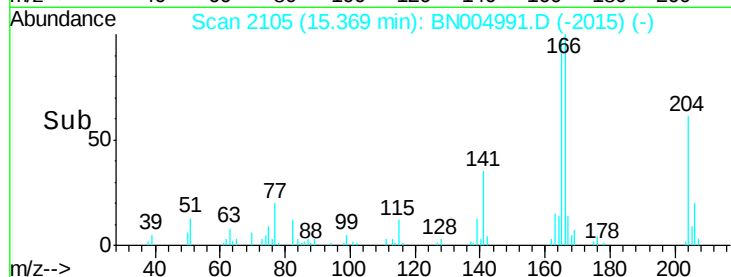
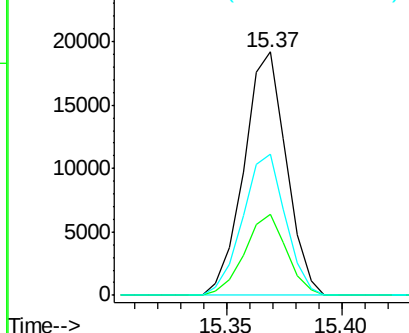
#61
 4-Chlorophenyl-phenylether
 Concen: 21.595 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tot Ion:204 Resp: 24502
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.5 39.7
 141 57.9 47.2 70.8

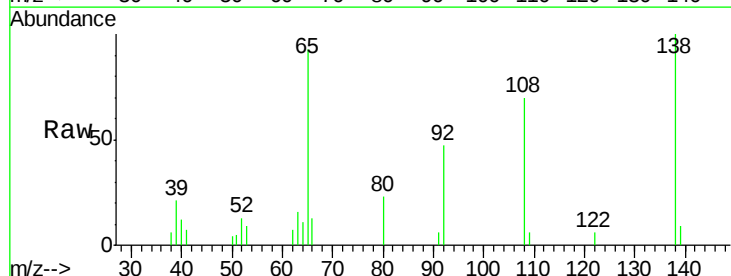


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

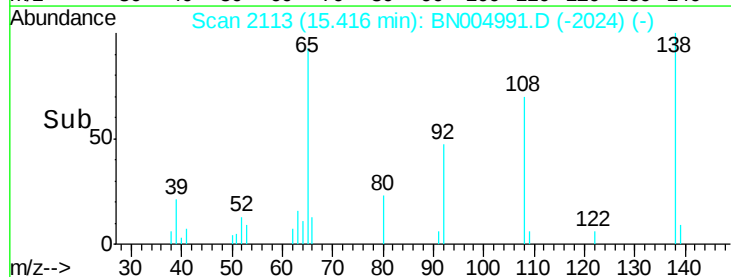
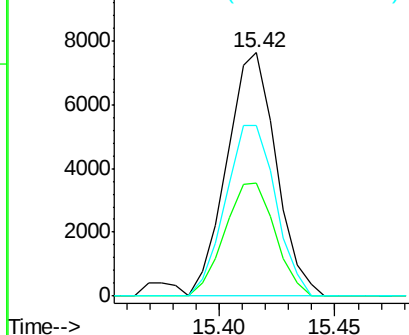


#62
 4-Nitroaniline
 Concen: 21.202 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:138 Resp: 11333
 Ion Ratio Lower Upper
 138 100
 92 46.5 26.4 66.4
 108 70.3 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: 21.572 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

Tot Ion: 77 Resp: 40990

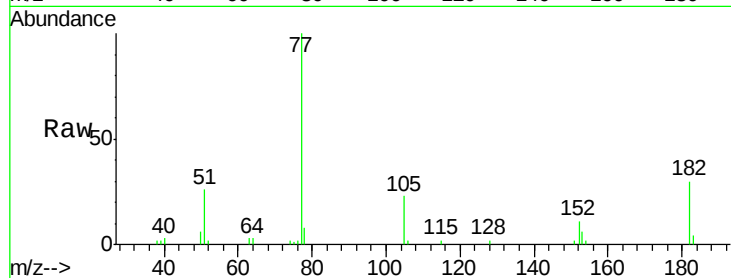
Ion Ratio Lower Upper

77 100

182 30.5 10.0 50.0

105 23.3 2.9 42.9

51 25.9 6.0 46.0

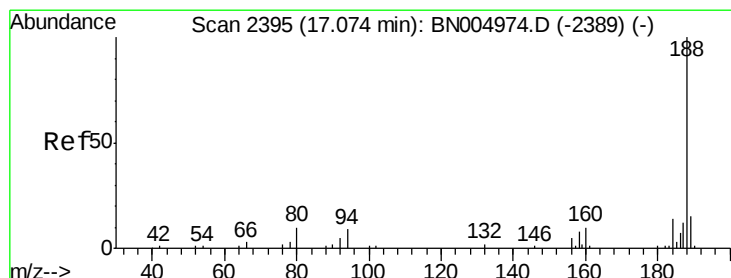
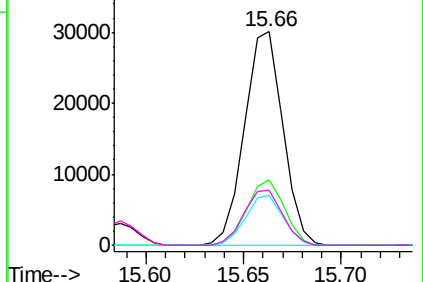
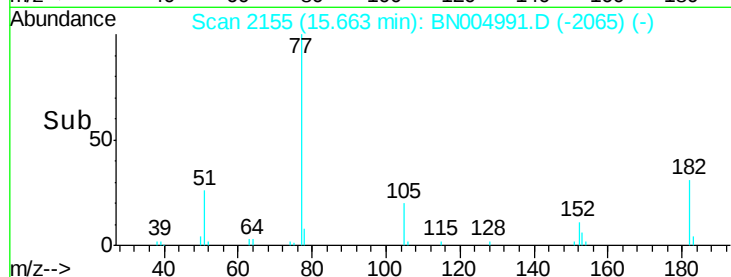


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BN0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

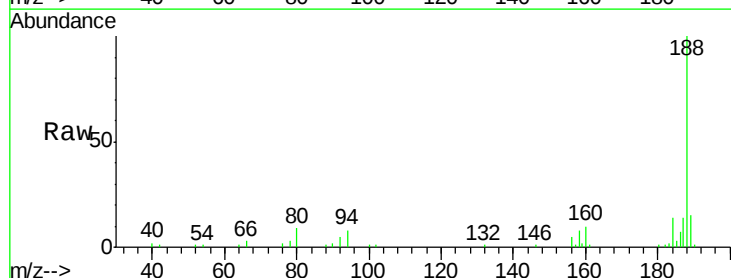
Tgt Ion: 188 Resp: 64119

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

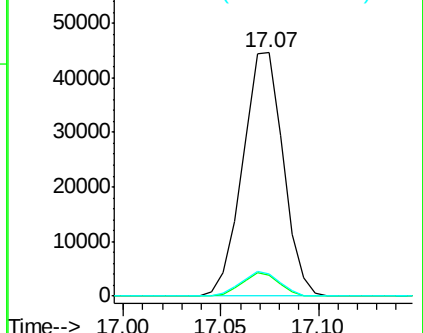
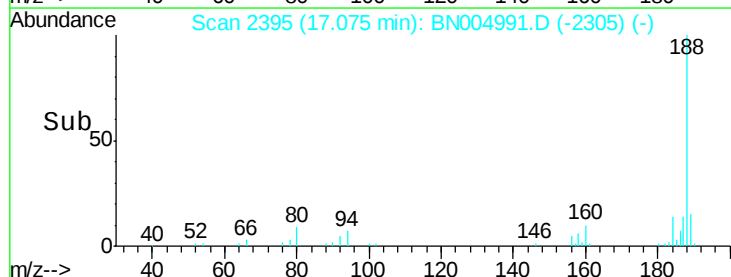
80 9.3 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0





#65

4,6-Dinitro-2-methylphenol

Concen: 20.777 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

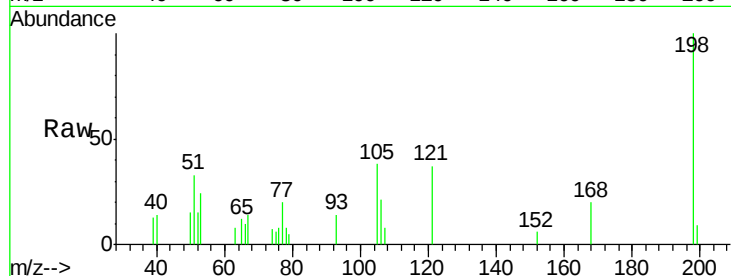
Tot Ion:198 Resp: 8132

Ion Ratio Lower Upper

198 100

51 33.0 12.0 52.0

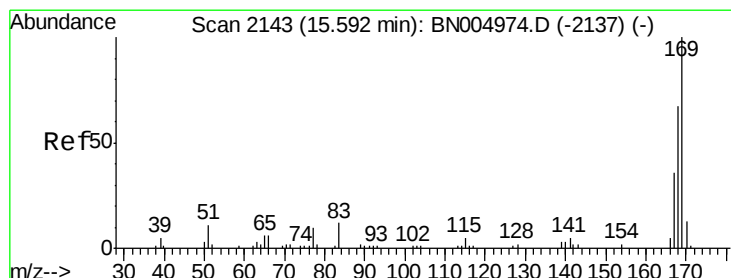
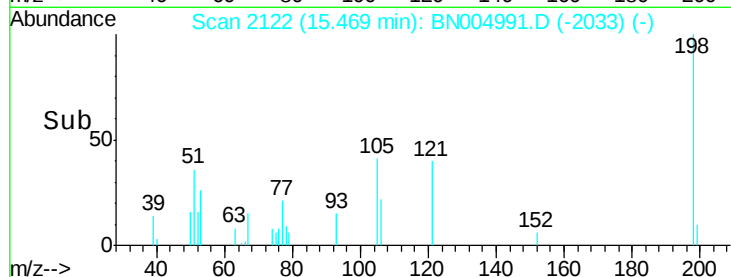
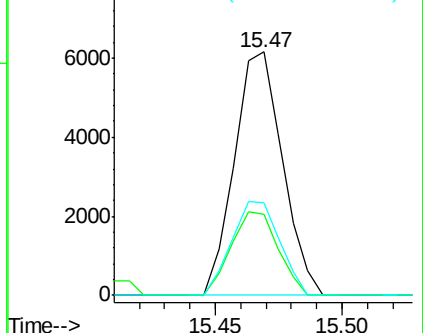
105 37.8 17.6 57.6



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: 20.404 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

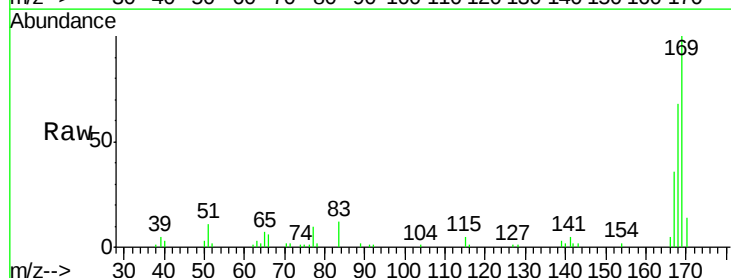
Tgt Ion:169 Resp: 41211

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.2

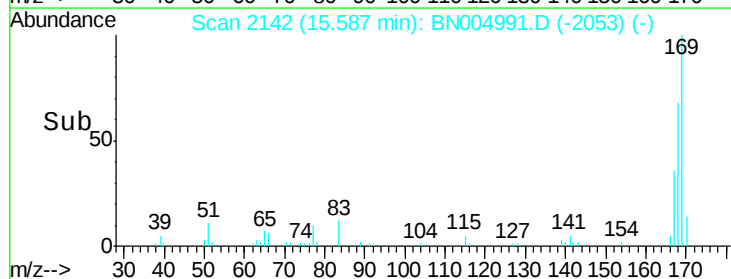
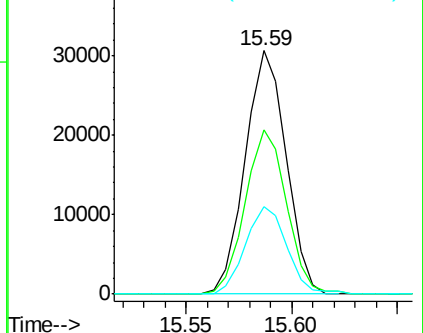
167 36.1 28.9 43.3



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

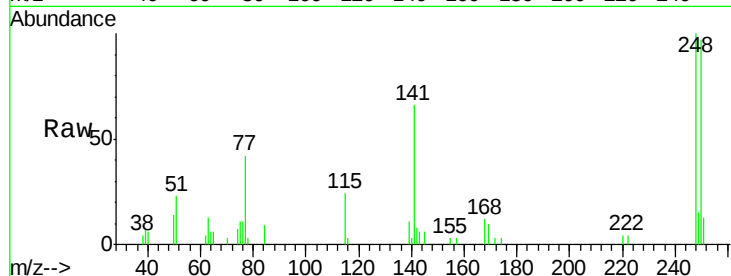




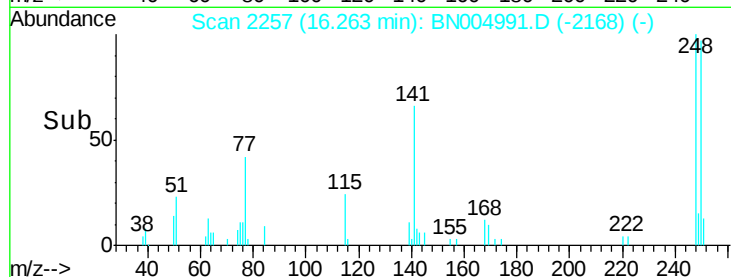
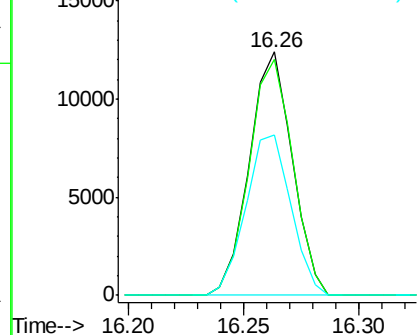
#67
4-Bromophenyl-phenylether
Concen: 20.125 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:248 Resp: 16103
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.2
141 66.0 52.3 78.5

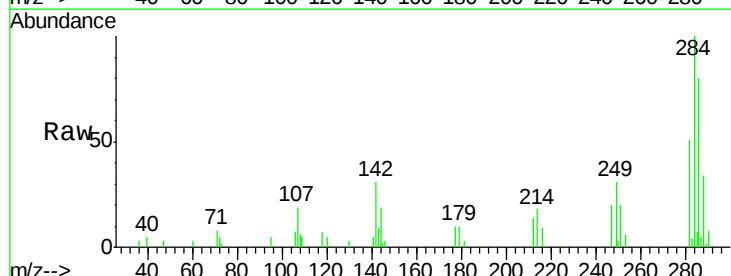


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

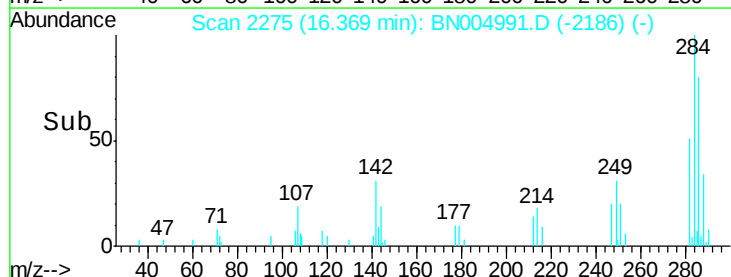
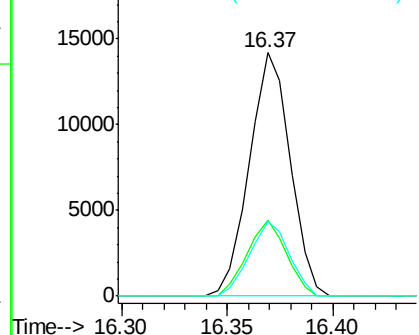


#68
Hexachlorobenzene
Concen: 20.390 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:284 Resp: 19114
Ion Ratio Lower Upper
284 100
142 31.0 23.5 35.3
249 30.6 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: 20.885 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

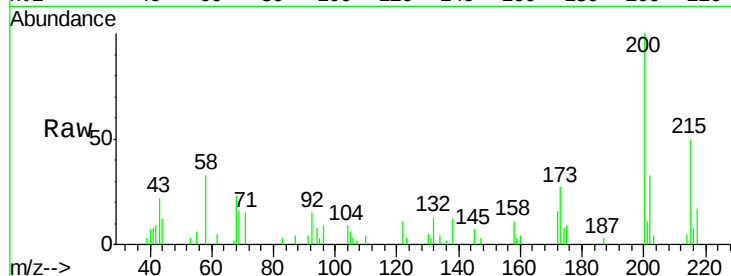
Tot Ion:200 Resp: 15070

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

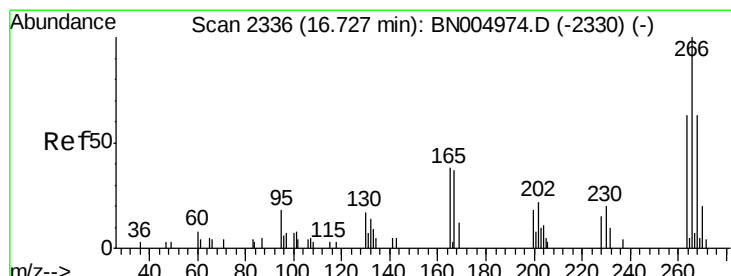
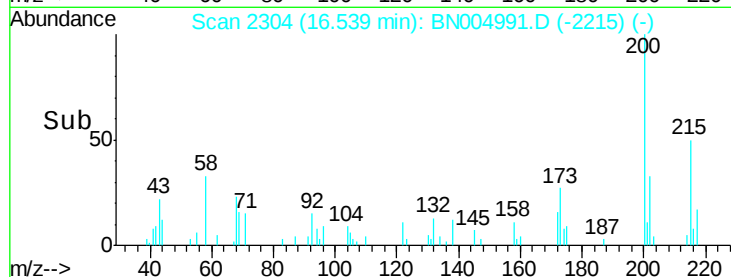
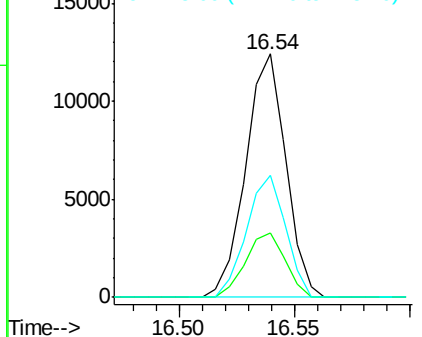
215 50.0 28.8 68.8



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: 18.824 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

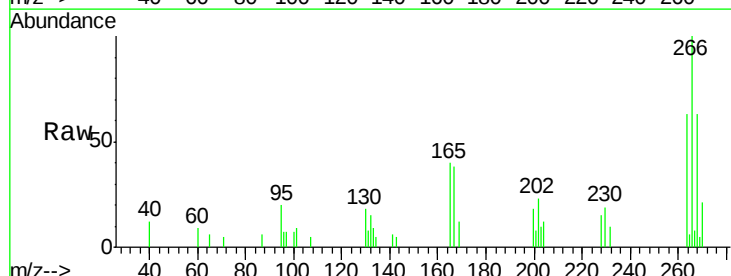
Tgt Ion:266 Resp: 9278

Ion Ratio Lower Upper

266 100

268 62.7 50.8 76.2

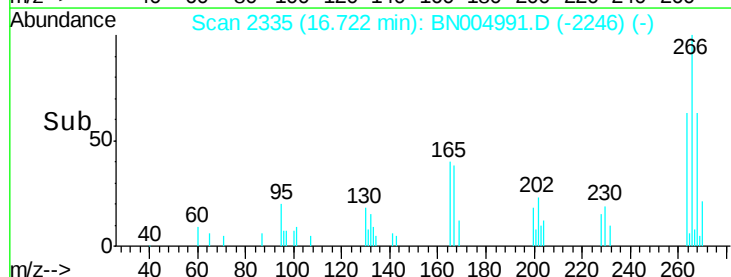
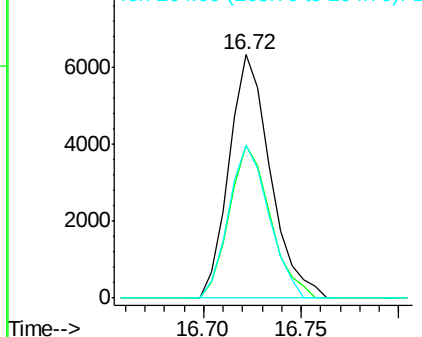
264 62.6 50.0 75.0

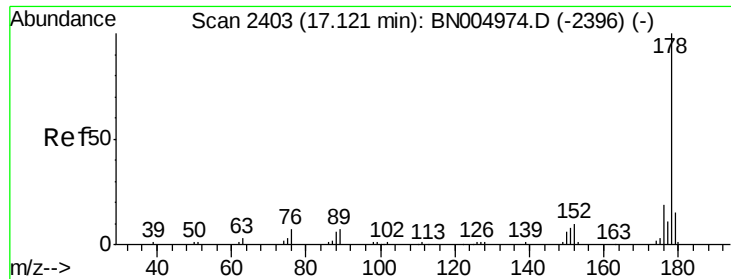


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

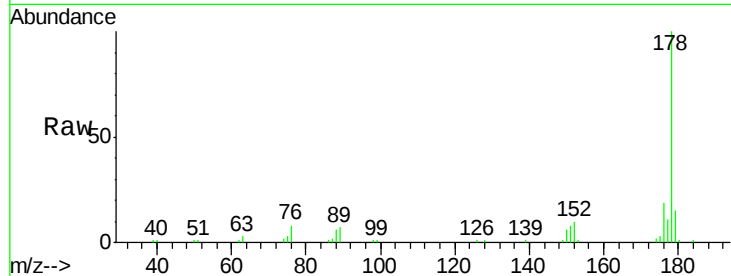




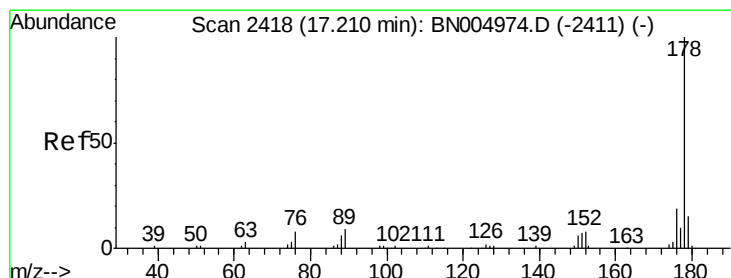
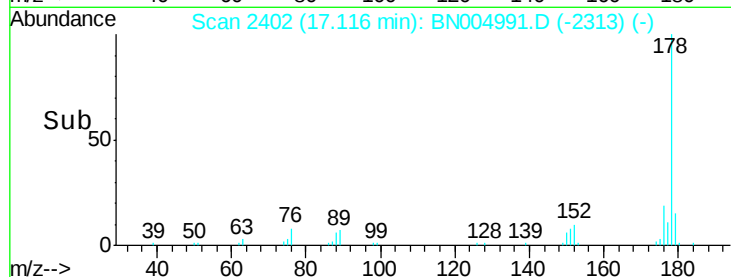
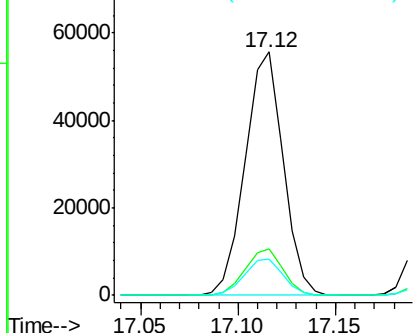
#71
Phenanthrene
Concen: 20.863 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:178 Resp: 75163
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.1 12.3 18.5

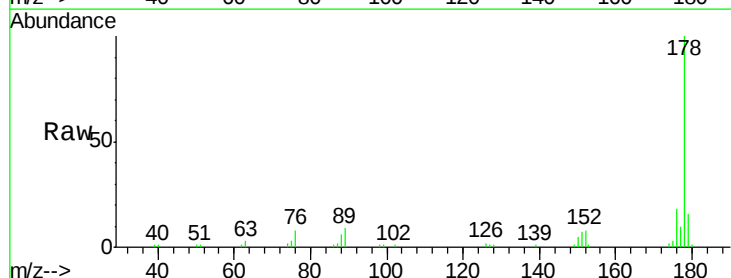


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

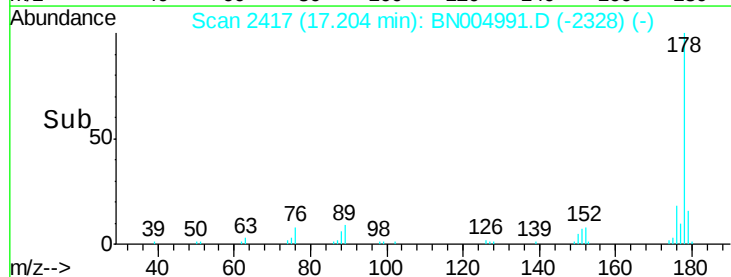
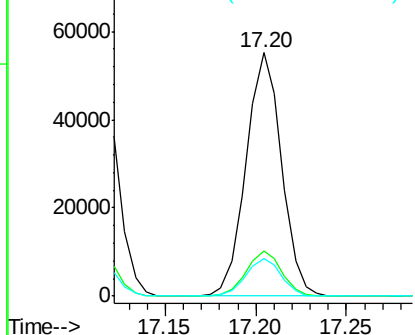


#72
Anthracene
Concen: 20.894 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:178 Resp: 74928
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

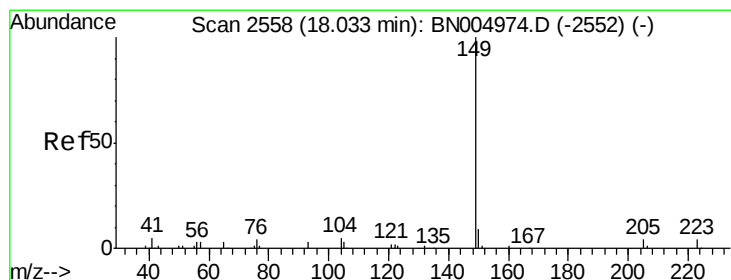
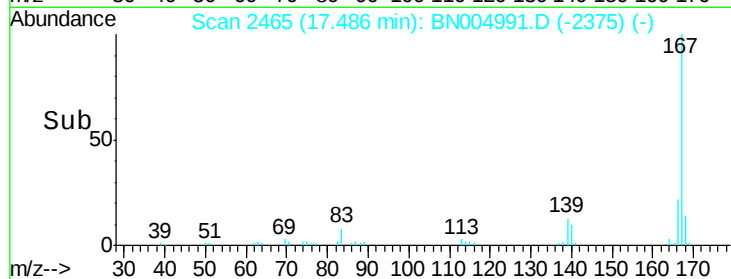
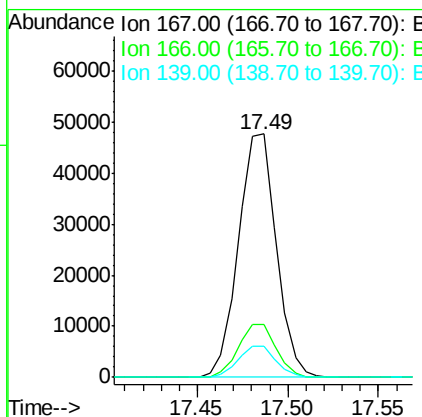
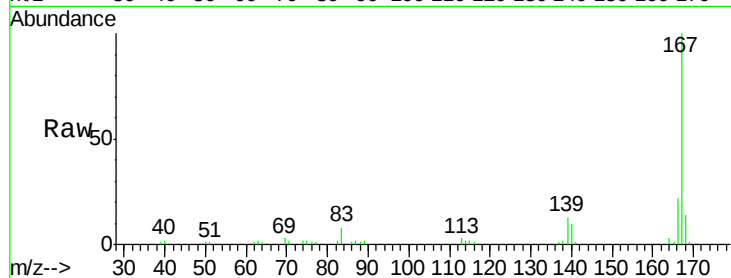




#73
 Carbazole
 Concen: 21.255 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

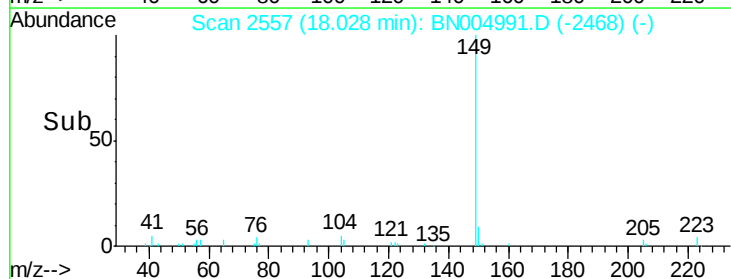
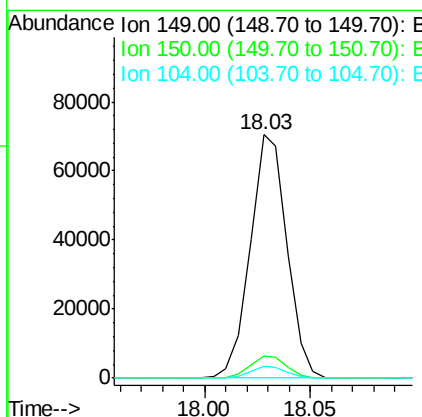
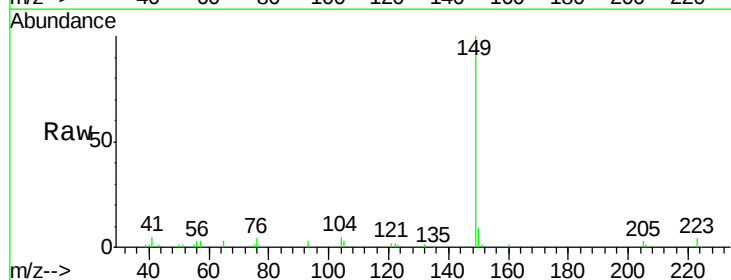
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tot Ion:167 Resp: 69377
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 21.378 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:149 Resp: 85006
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.7 3.7 5.5

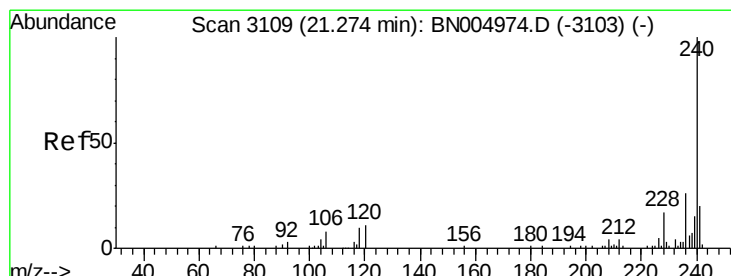
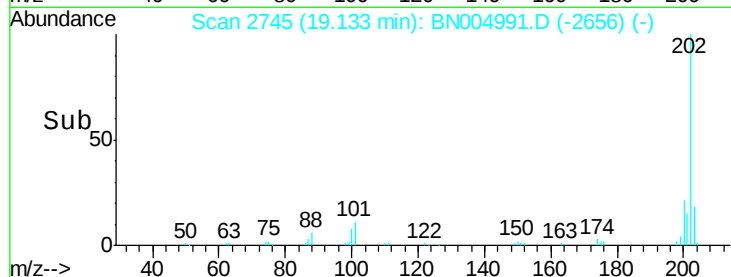
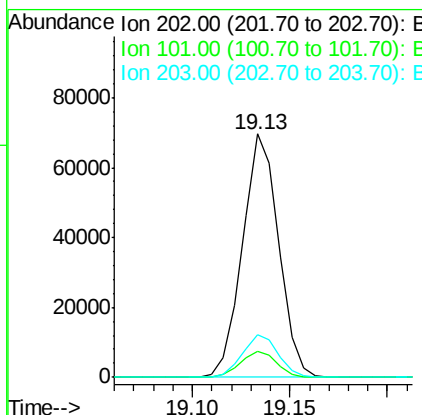
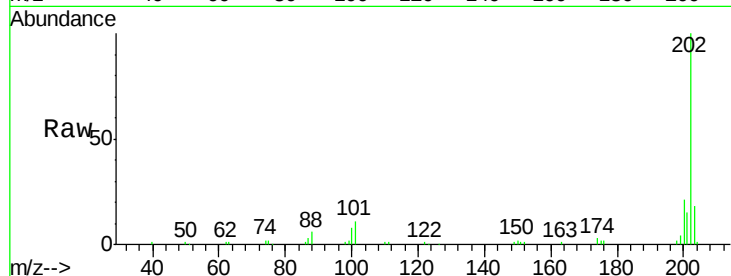




#75
 Fluoranthene
 Concen: 21.722 ng
 RT: 19.13 min Scan# 2745
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

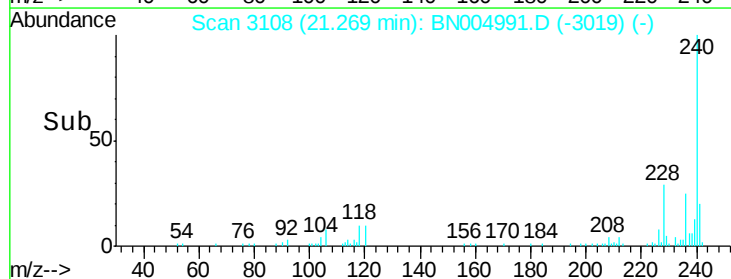
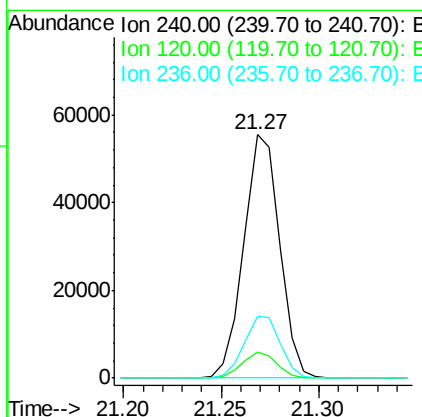
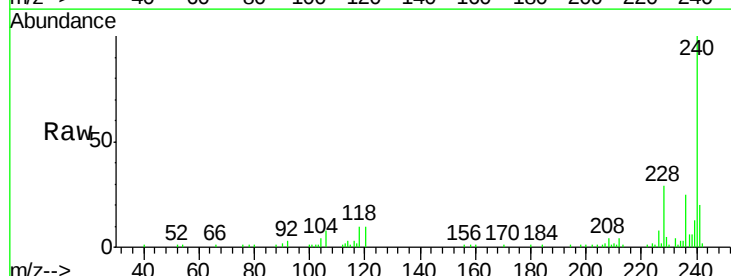
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.1
203	17.5	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.5	12.7
236	25.4	21.2	31.8





#77

Benzidine

Concen: 18.338 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

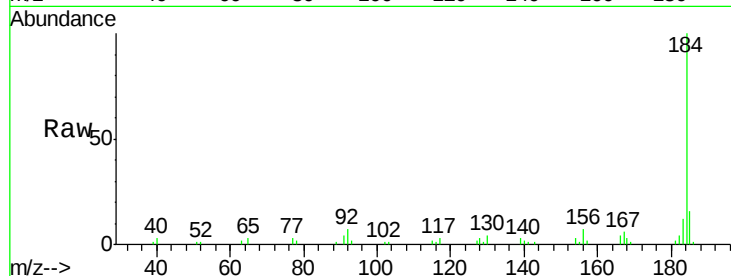
Tot Ion:184 Resp: 40433

Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.8

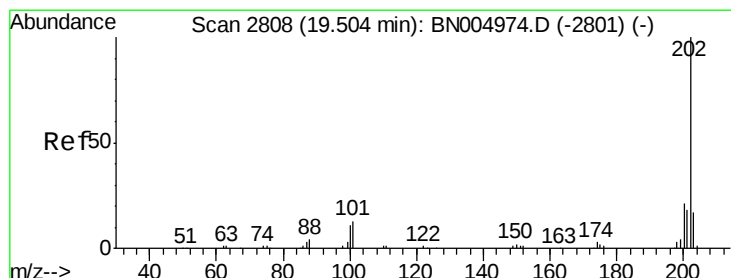
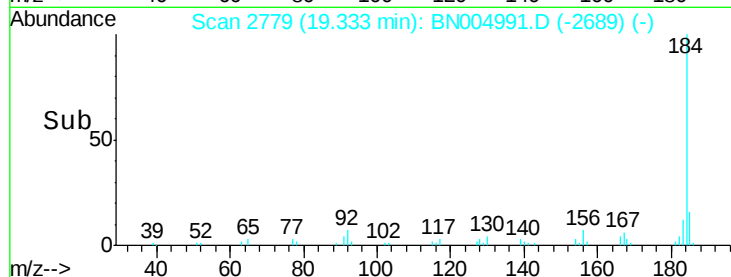
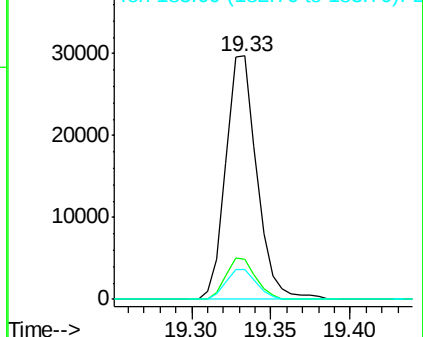
183 12.2 9.9 14.9



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: 19.291 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

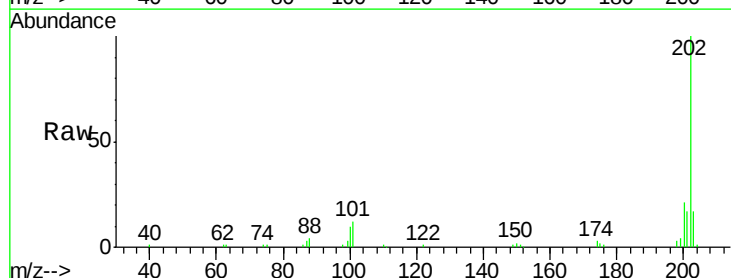
Tgt Ion:202 Resp: 91132

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

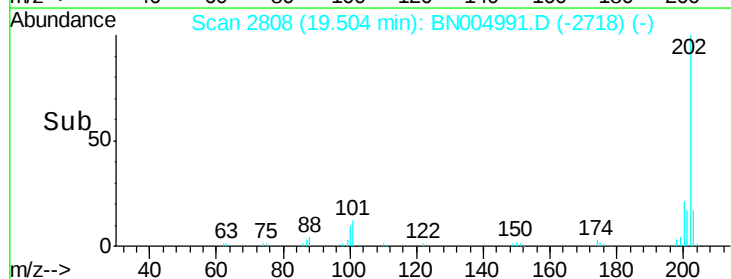
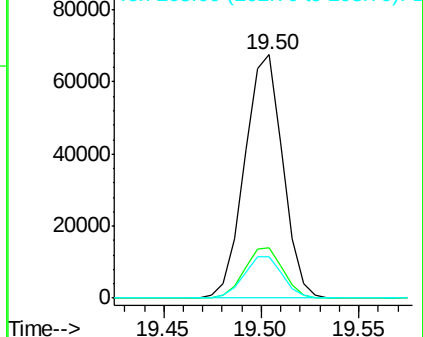
203 17.2 14.0 21.0



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: 79.308 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

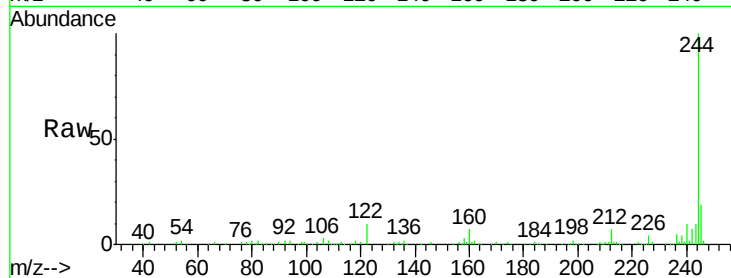
Tot Ion:244 Resp: 291445

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

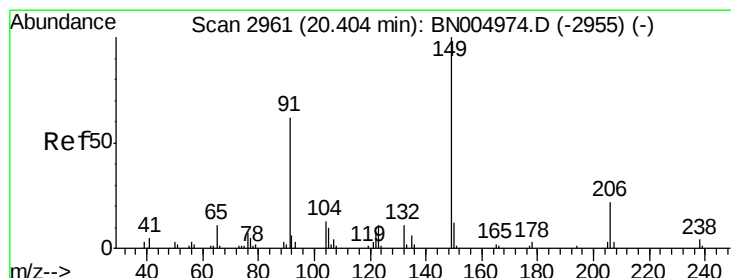
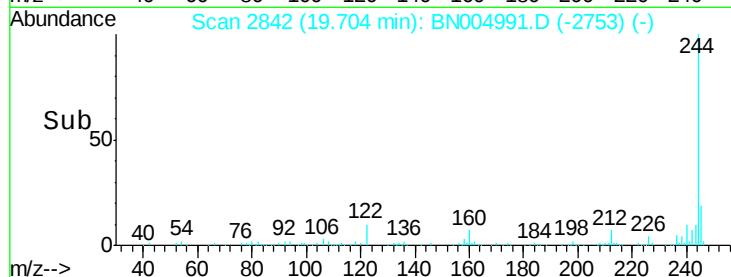
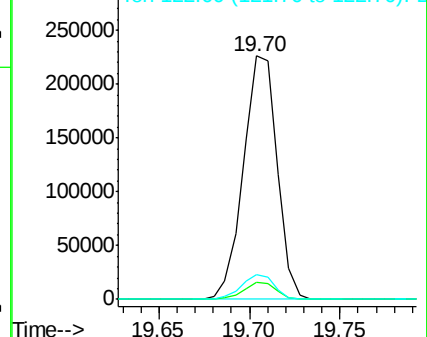
122 10.2 7.4 11.2



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: 19.667 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

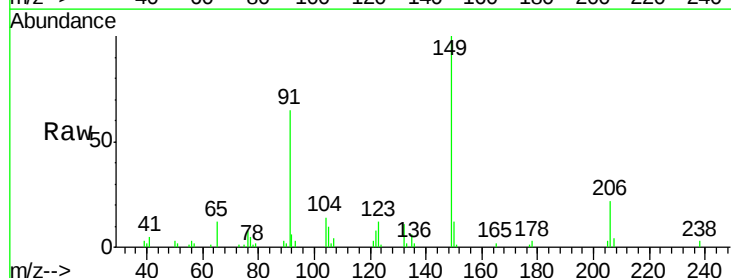
Tgt Ion:149 Resp: 37752

Ion Ratio Lower Upper

149 100

91 64.8 49.3 73.9

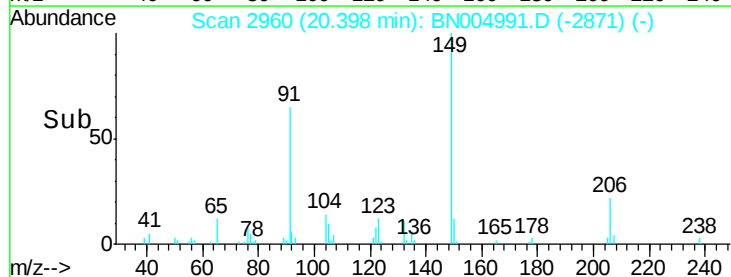
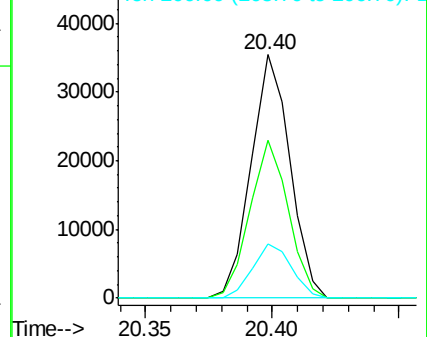
206 22.5 17.9 26.9

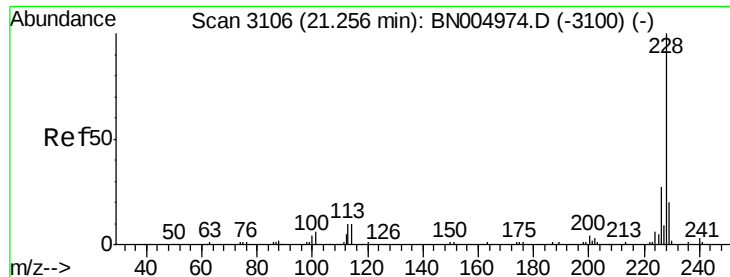


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 20.705 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

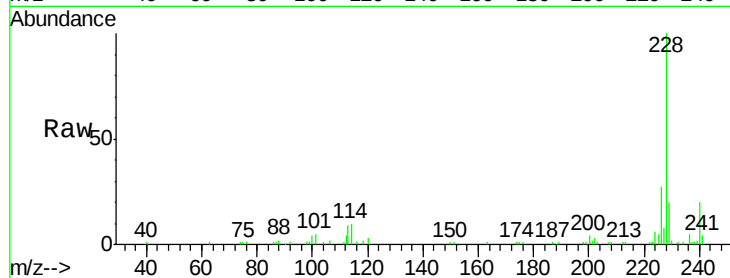
Tot Ion:228 Resp: 91247

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.6

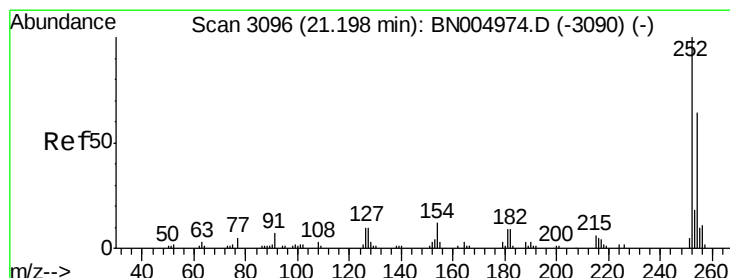
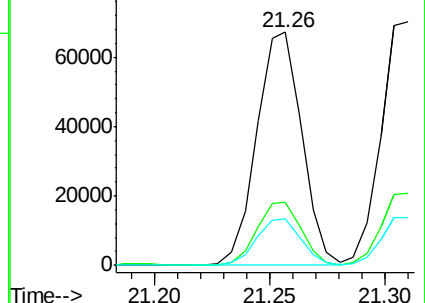
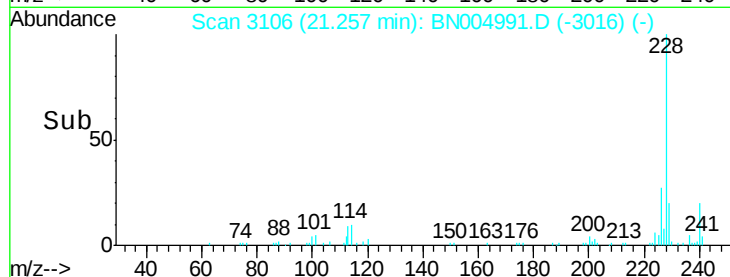
229 19.8 15.9 23.9



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: 20.748 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

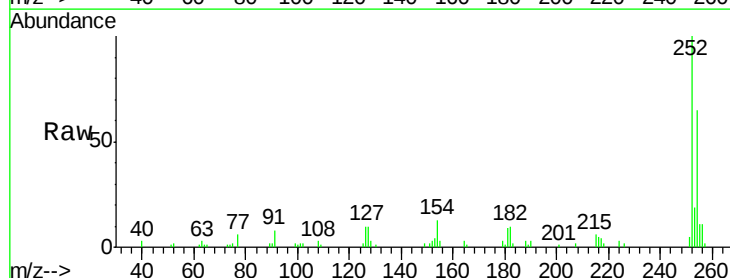
Tgt Ion:252 Resp: 34192

Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

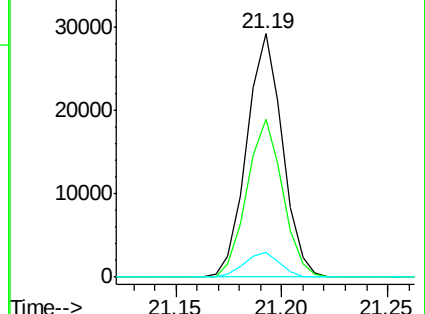
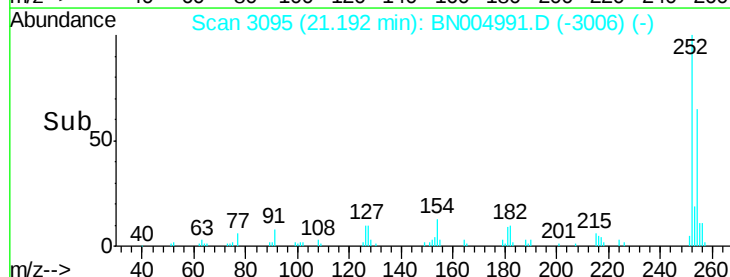
126 10.2 7.9 11.9

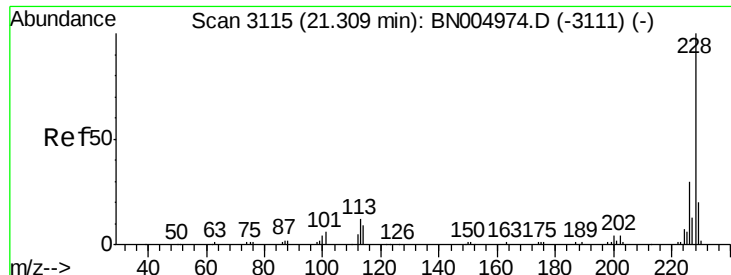


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

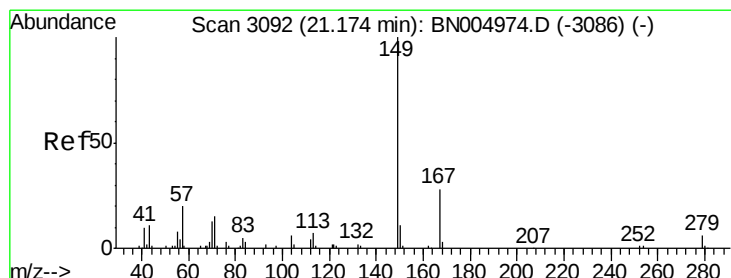
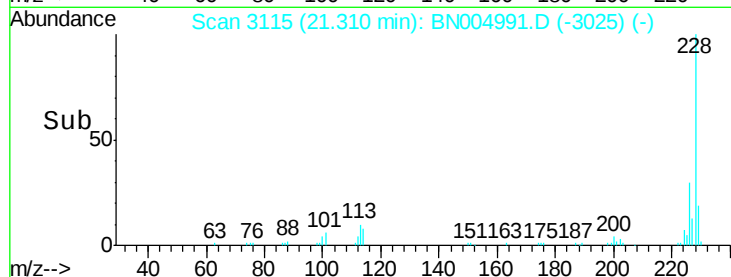
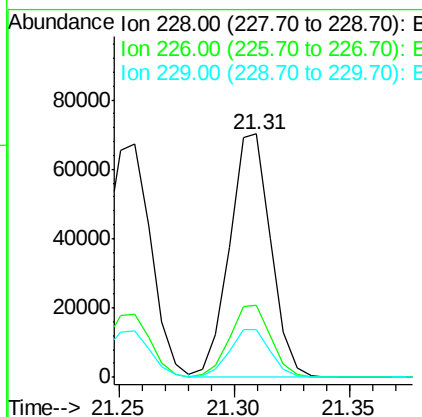
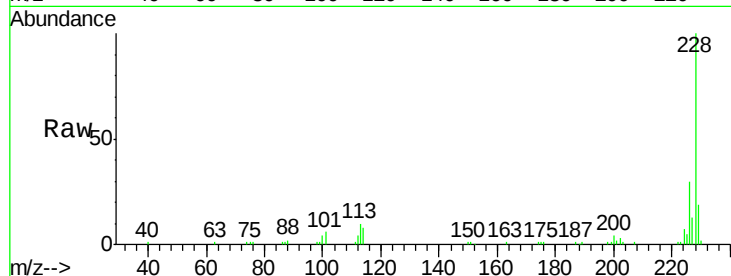




#83
 Chrysene
 Concen: 20.748 ng
 RT: 21.31 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

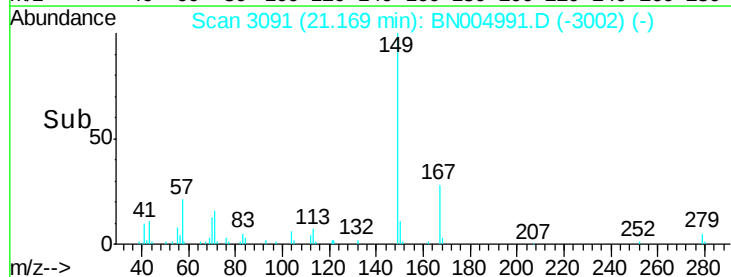
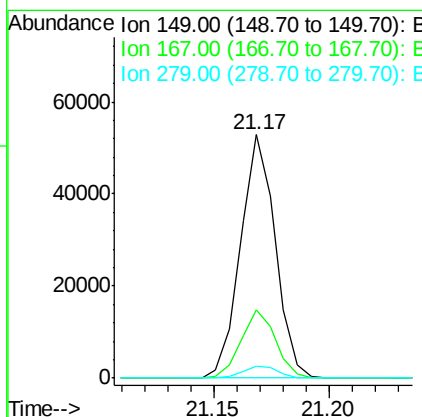
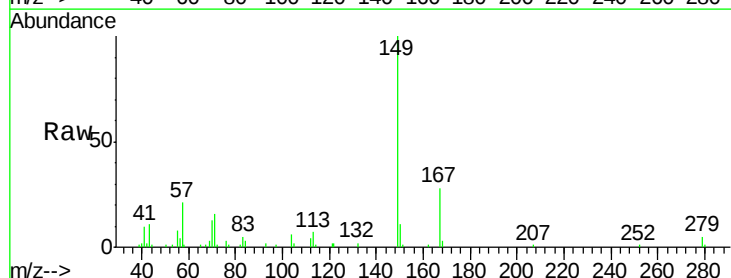
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

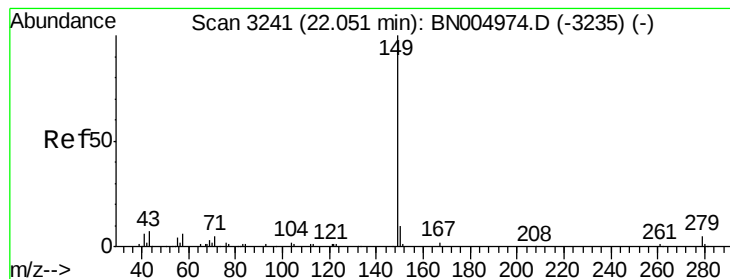
Tot Ion:228 Resp: 87335
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.2
 229 19.5 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.947 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN004991.D
 Acq: 27 Mar 2019 09:39

Tgt Ion:149 Resp: 55632
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.5 33.7
 279 5.1 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 21.717 ng

RT: 22.05 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

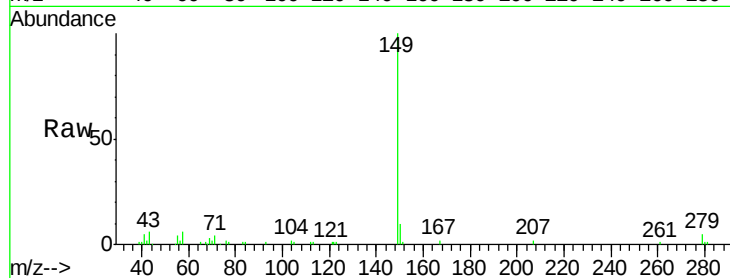
Tot Ion:149 Resp: 93085

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

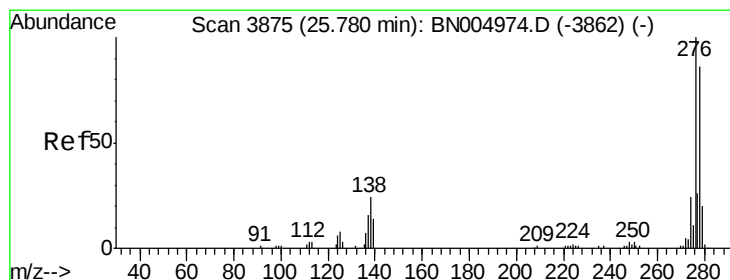
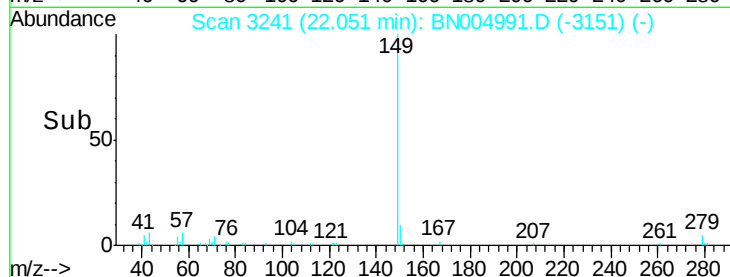
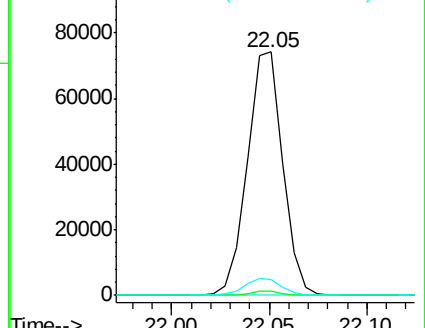
43 7.0 5.8 8.6



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: 18.943 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

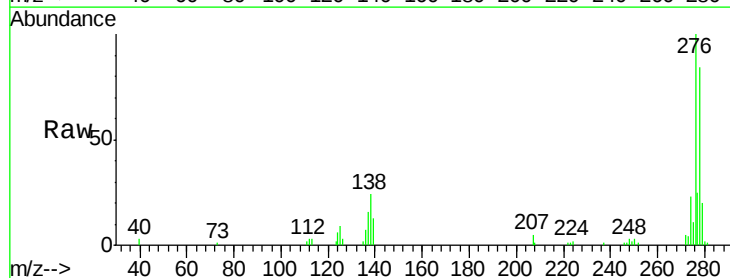
Tgt Ion:276 Resp: 90592

Ion Ratio Lower Upper

276 100

138 23.5 18.5 27.7

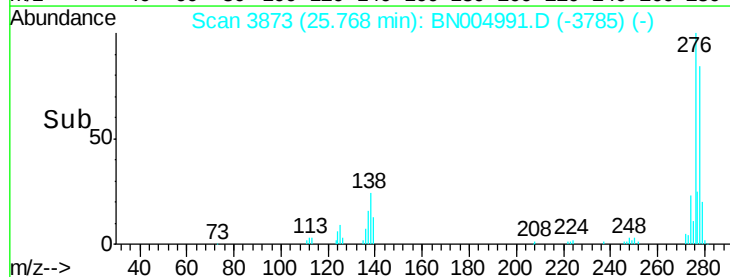
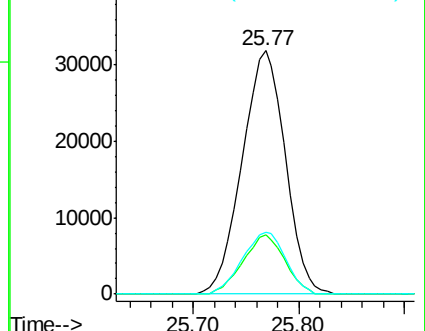
277 25.2 20.4 30.6

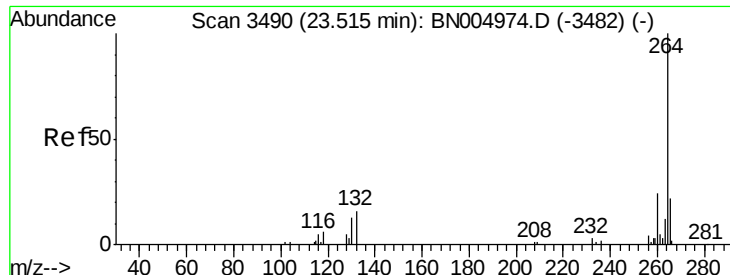


Abundance Ion 276.00 (275.70 to 276.70): E

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: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

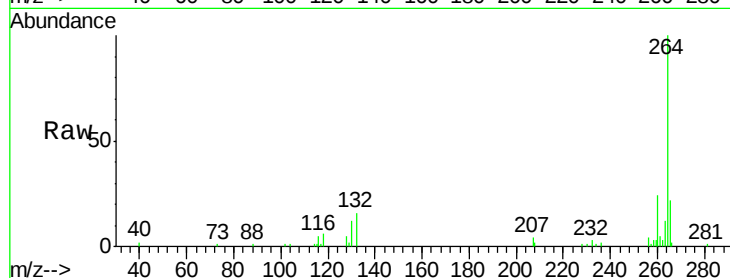
Tot Ion:264 Resp: 68719

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

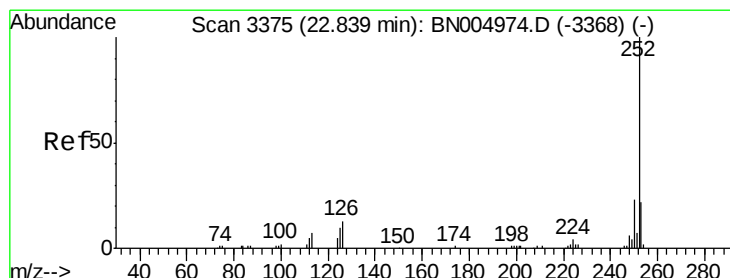
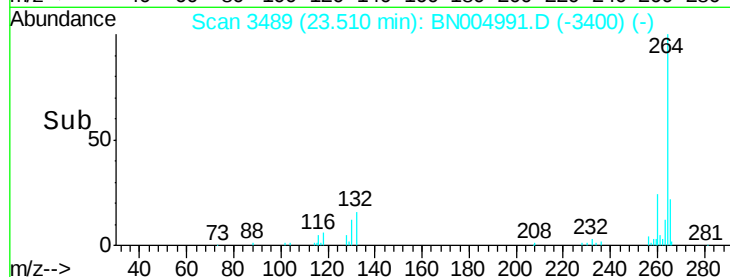
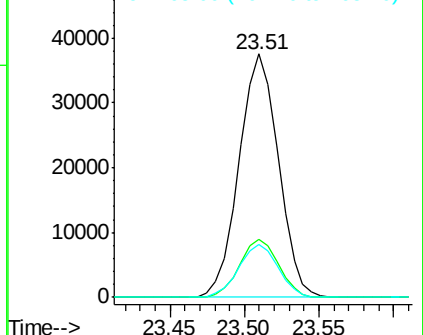
265 21.6 17.2 25.8



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: 21.069 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

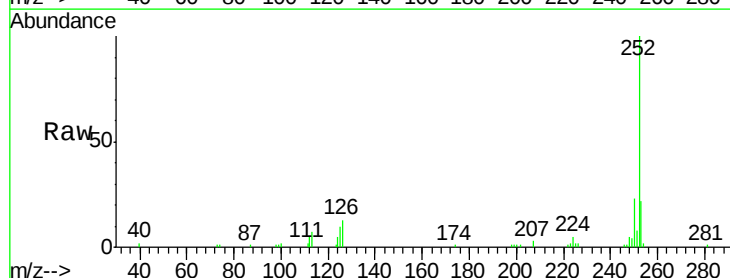
Tgt Ion:252 Resp: 89117

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

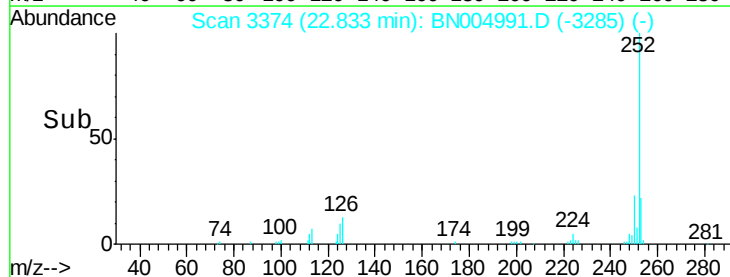
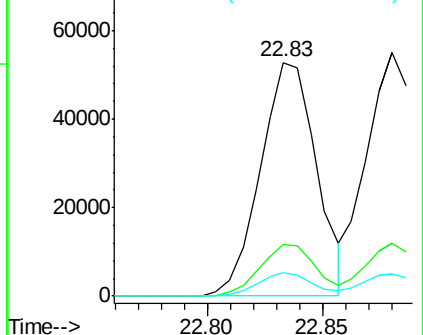
125 10.1 8.1 12.1

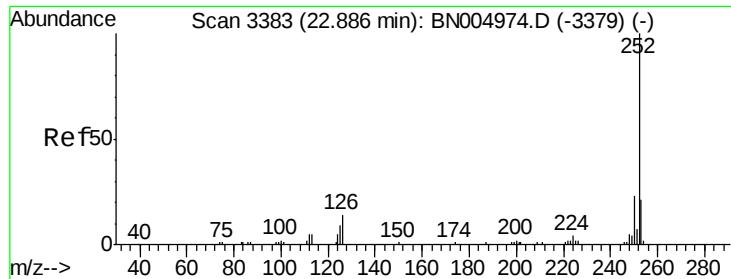


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 21.872 ng

RT: 22.88 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT1-2019

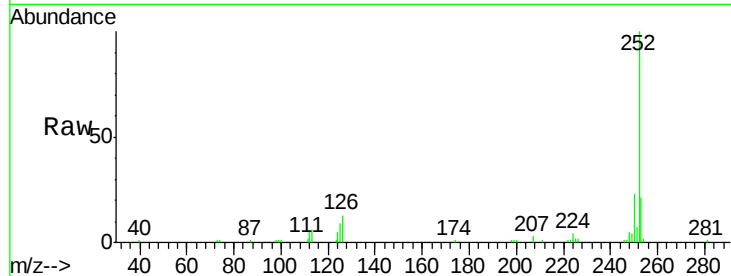
Tot Ion:252 Resp: 84840

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

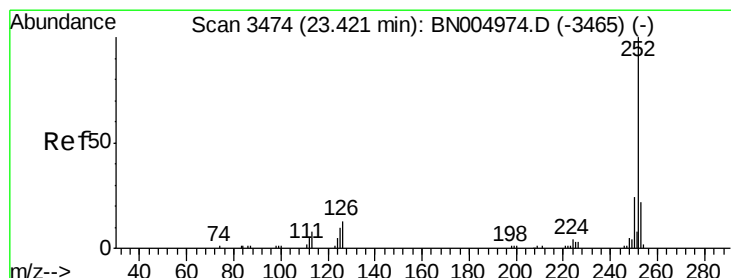
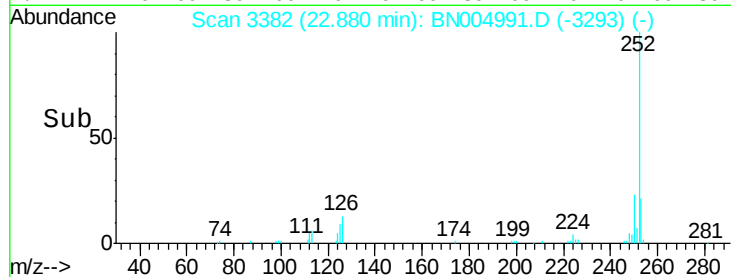
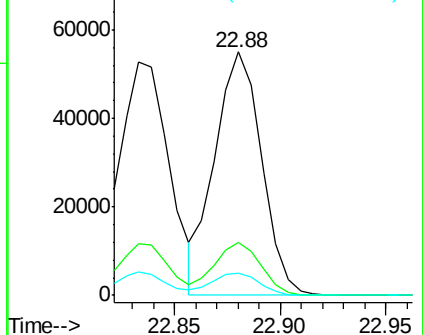
125 9.3 7.6 11.4



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: 20.959 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN004991.D

Acq: 27 Mar 2019 09:39

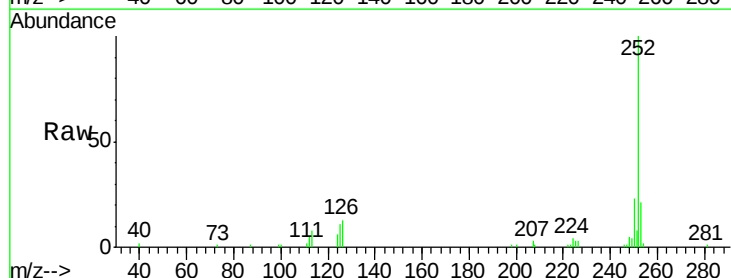
Tgt Ion:252 Resp: 81128

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

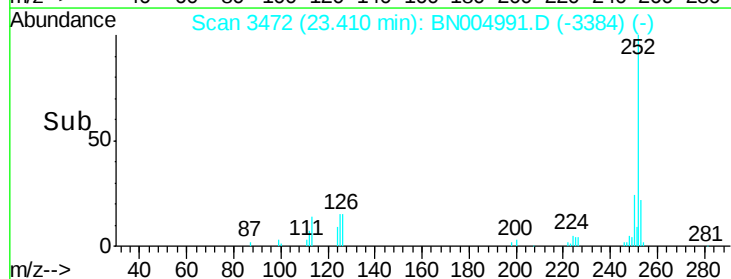
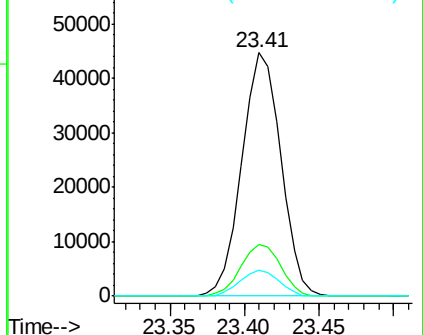
125 10.7 8.2 12.4

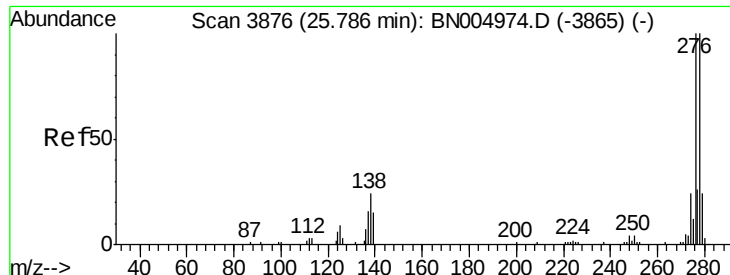


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



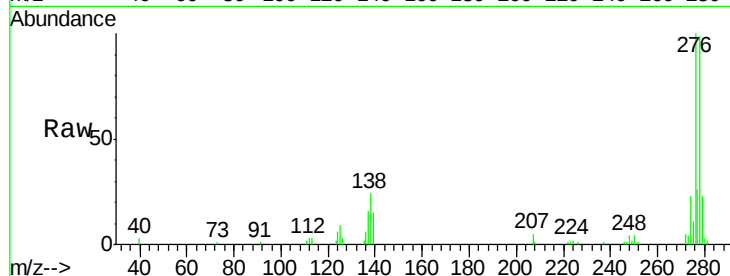


#91
Dibenzo(a,h)anthracene
Concen: 19.376 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

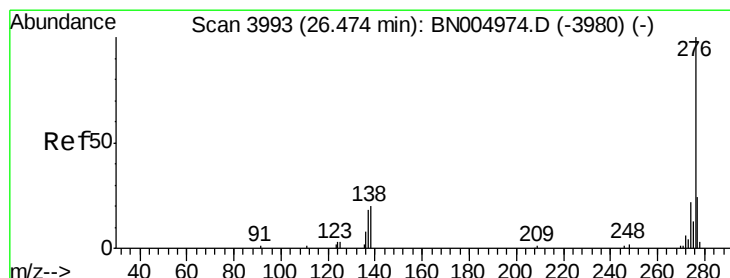
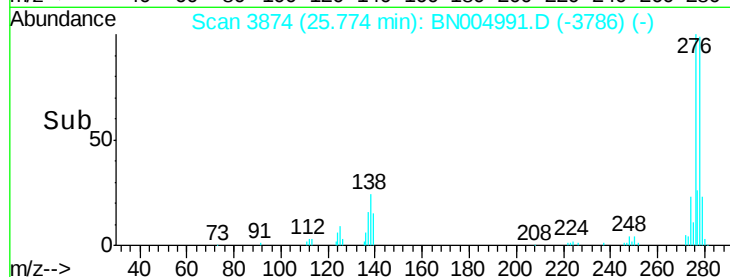
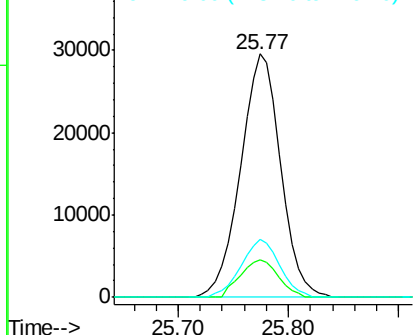
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tot Ion:278 Resp: 75295

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.8	17.8
279	23.6	19.3	28.9



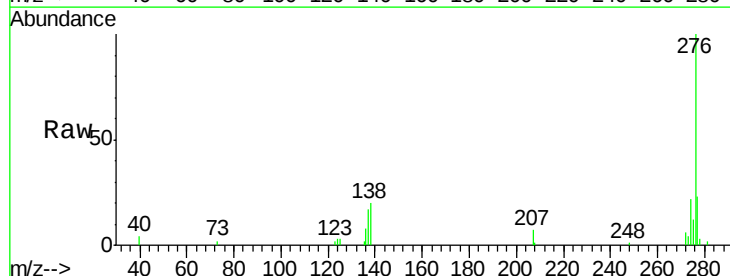
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 18.590 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BN004991.D
Acq: 27 Mar 2019 09:39

Tgt Ion:276 Resp: 71441

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	20.2	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

