

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004985.D
 Acq On : 26 Mar 2019 21:21
 Operator : JU/SJ
 Sample : K1560-07
 Misc : LOD 8 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Quant Time: Mar 27 08:11:10 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	9725	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	41435	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	25223	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	58762	20.00	ng	0.00
76) Chrysene-d12	21.27	240	65615	20.00	ng	0.00
87) Perylene-d12	23.51	264	64618	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	59876	106.45	ng	0.00
7) Phenol-d6	6.85	99	78788	105.61	ng	0.00
23) Nitrobenzene-d5	8.84	82	55539	81.08	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	47693	117.24	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	151771	79.74	ng	0.00
79) Terphenyl-d14	19.71	244	262391	76.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	1504	7.337	ng	# 83
3) Pyridine	3.60	79	4118	7.189	ng	98
4) n-Nitrosodimethylamine	3.53	42	1029	5.510	ng	# 93
8) 2-Chlorophenol	7.24	128	5446	7.627	ng	98
10) Phenol	6.88	94	6189	7.742	ng	96
11) bis(2-Chloroethyl)ether	7.11	93	4771	7.717	ng	96
12) 1,3-Dichlorobenzene	7.56	146	6142	7.895	ng	99
13) 1,4-Dichlorobenzene	7.71	146	6184	7.853	ng	99
14) 1,2-Dichlorobenzene	8.02	146	5970	7.922	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	5954	7.983	ng	85
17) 2-Methylphenol	8.12	107	4294	7.705	ng	99
18) Hexachloroethane	8.73	117	2046	7.330	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	3887	7.947	ng	# 94
20) 3+4-Methylphenols	8.45	107	5694	7.525	ng	99
22) Acetophenone	8.50	105	7977	8.434	ng	99
24) Nitrobenzene	8.88	77	5729	8.264	ng	100
25) Isophorone	9.39	82	11195	8.390	ng	99
26) 2-Nitrophenol	9.59	139	2923	7.262	ng	99
27) 2,4-Dimethylphenol	9.64	122	4306	7.684	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	6976	8.438	ng	99
29) 2,4-Dichlorophenol	10.12	162	5006	7.772	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	5844	8.237	ng	98
31) Naphthalene	10.51	128	18410	8.516	ng	99
34) Hexachlorobutadiene	10.78	225	3722	8.108	ng	97
35) Caprolactam	11.40	113	1340	6.354	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	5494	7.896	ng	98
37) 2-Methylnaphthalene	12.13	142	13124	8.597	ng	98
38) 1-Methylnaphthalene	12.35	142	12890	8.629	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	7074	7.907	ng	98
41) Hexachlorocyclopentadiene	12.46	237	2526	9.199	ng	94
43) 2,4,6-Trichlorophenol	12.75	196	4143	7.463	ng	98
44) 2,4,5-Trichlorophenol	12.83	196	4267	7.056	ng	98
46) 1,1'-Biphenyl	13.15	154	18039	8.450	ng	99
47) 2-Chloronaphthalene	13.19	162	13413	8.188	ng	100

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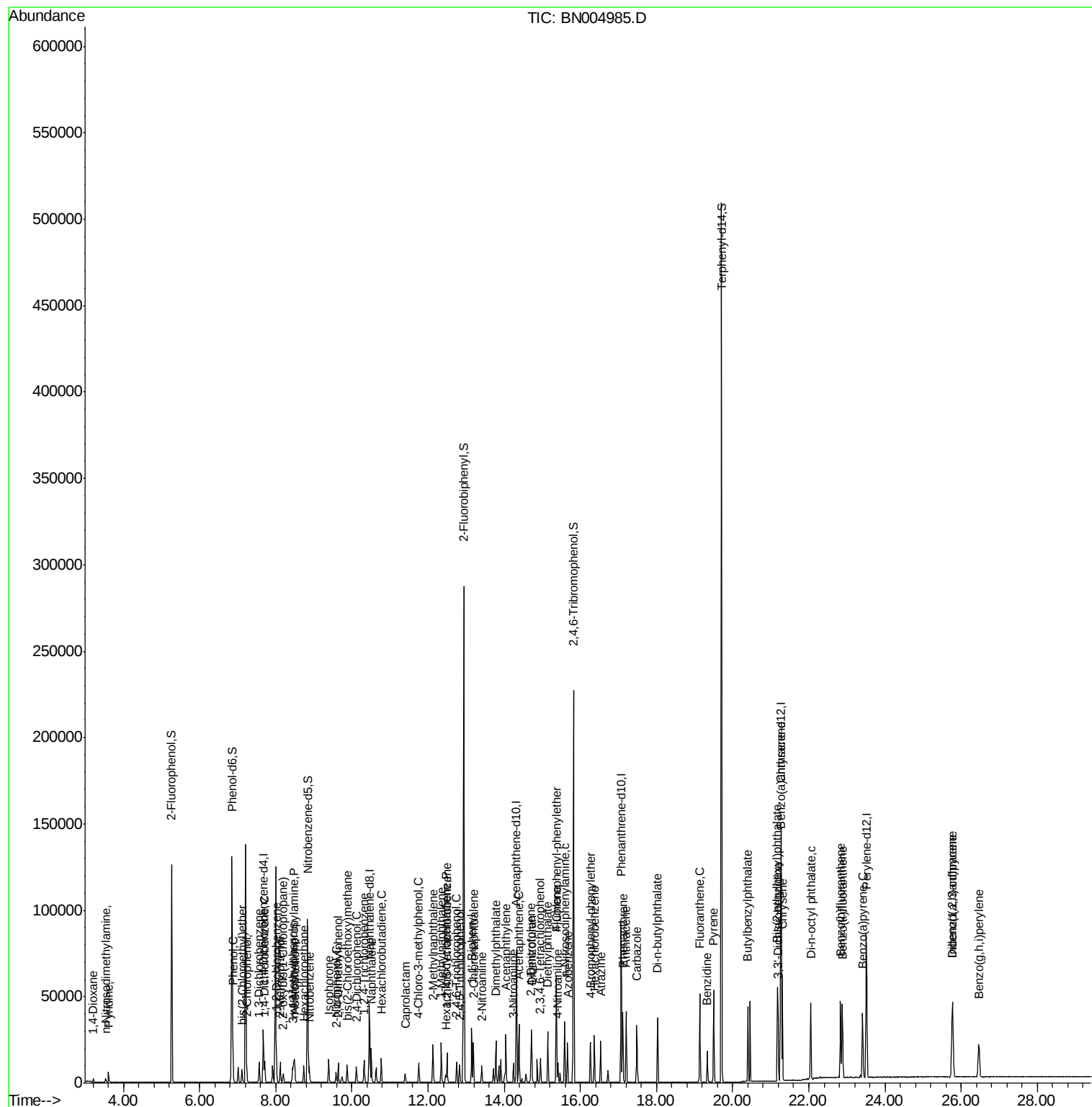
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	13.41	65	3090	7.086	nq	95
49) Acenaphthylene	14.04	152	22961	8.333	nq	99
50) Dimethylphthalate	13.78	163	17759	8.570	nq	99
52) Acenaphthene	14.39	154	13027	8.405	nq	99
53) 3-Nitroaniline	14.25	138	3687	7.650	nq #	94
55) Dibenzofuran	14.72	168	21389	8.672	nq	99
57) 2,4-Dinitrotoluene	14.70	165	5166	8.061	nq #	98
58) Fluorene	15.37	166	17248	8.657	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	4315	7.695	nq #	95
60) Diethylphthalate	15.15	149	18052	8.730	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	8898	8.657	nq	98
62) 4-Nitroaniline	15.41	138	3632	7.501	nq	97
63) Azobenzene	15.66	77	14732	8.558	nq	98
66) n-Nitrosodiphenylamine	15.59	169	15114	8.165	nq	98
67) 4-Bromophenyl-phenylether	16.26	248	5873	8.009	nq	98
68) Hexachlorobenzene	16.37	284	6892	8.022	nq	99
69) Atrazine	16.53	200	5441	8.228	nq	99
71) Phenanthrene	17.12	178	27904	8.451	nq	99
72) Anthracene	17.20	178	27170	8.267	nq	100
73) Carbazole	17.48	167	25267	8.447	nq	99
74) Di-n-butylphthalate	18.03	149	30009	8.235	nq	100
75) Fluoranthene	19.13	202	33046	8.773	nq	100
77) Benzidine	19.33	184	14163	6.926	nq	98
78) Pyrene	19.50	202	34433	7.859	nq	99
80) Butylbenzylphthalate	20.40	149	13549	7.611	nq	97
81) Benzo(a)anthracene	21.26	228	34673	8.483	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	12734	8.332	nq	98
83) Chrysene	21.31	228	33648	8.619	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	20111	8.165	nq	99
85) Di-n-octyl phthalate	22.05	149	33706	8.479	nq #	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	34379	7.751	nq	99
88) Benzo(b)fluoranthene	22.83	252	33498	8.422	nq	99
89) Benzo(k)fluoranthene	22.88	252	31969	8.765	nq	100
90) Benzo(a)pyrene	23.41	252	30561	8.397	nq	99
91) Dibenzo(a,h)anthracene	25.77	278	28393	7.770	nq	99
92) Benzo(a,h,i)perylene	26.46	276	27040	7.483	nq	98

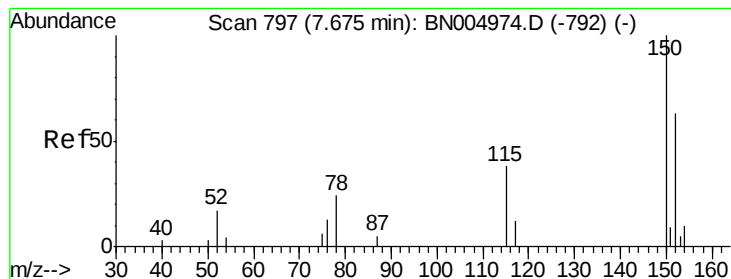
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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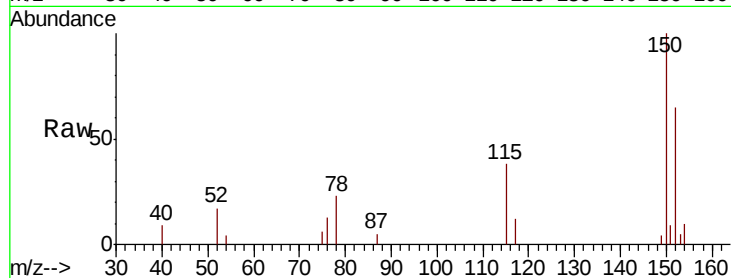


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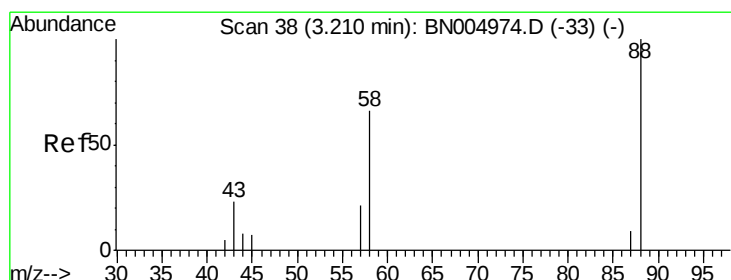
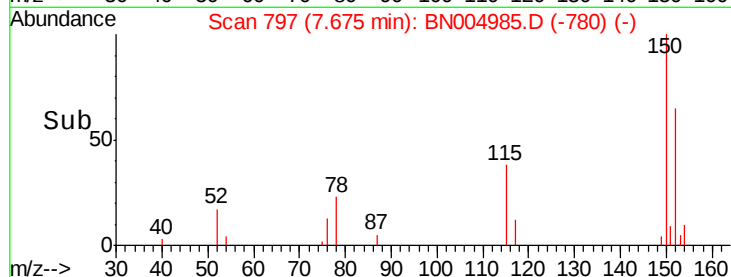
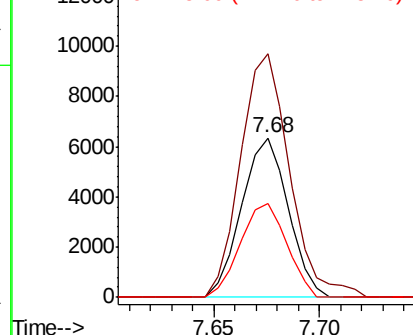
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:152 Resp: 9725
Ion Ratio Lower Upper
152 100
150 152.8 126.9 190.3
115 58.6 47.8 71.6



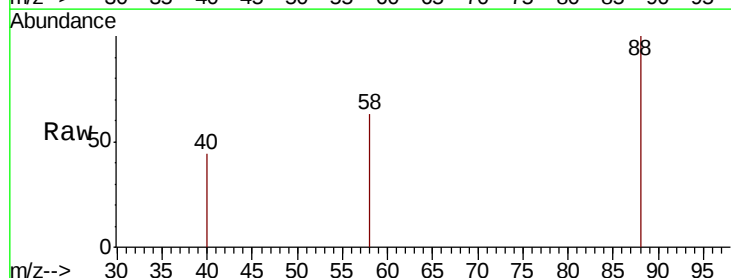
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



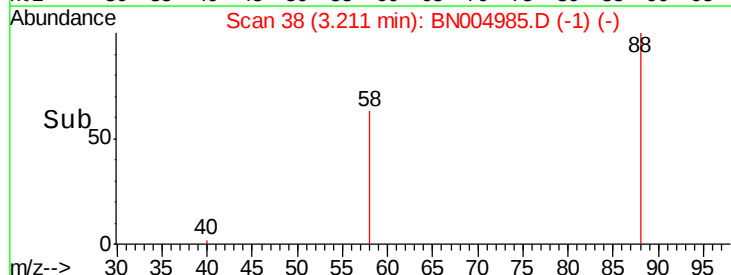
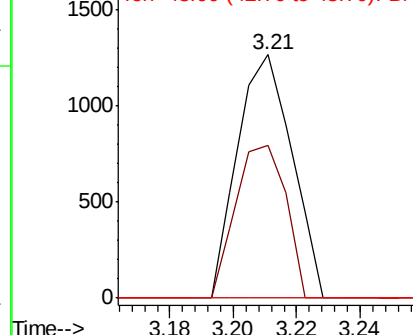
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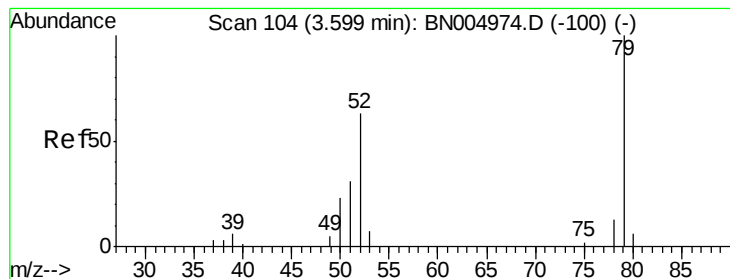
1,4-Dioxane
Concen: 7.337 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 88 Resp: 1504
Ion Ratio Lower Upper
88 100
58 57.8 51.0 76.6
43 0.0 16.7 25.1#



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





#3

Pvridine

Concen: 7.189 ng

RT: 3.60 min Scan# 105

Delta R.T. 0.01 min

Lab File: BN004985.D

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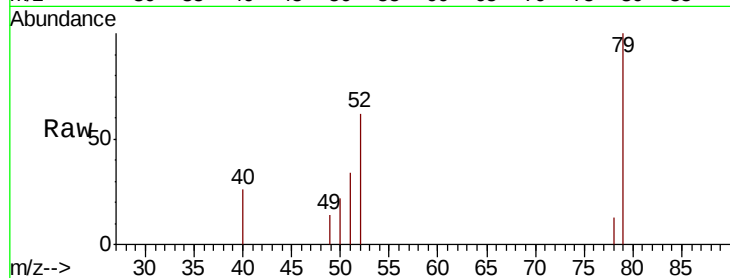
Tot Ion: 79 Resp: 4118

Ion Ratio Lower Upper

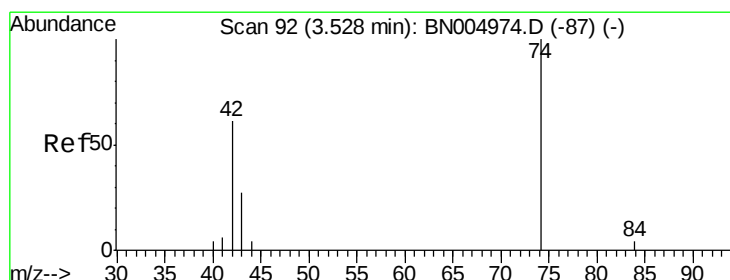
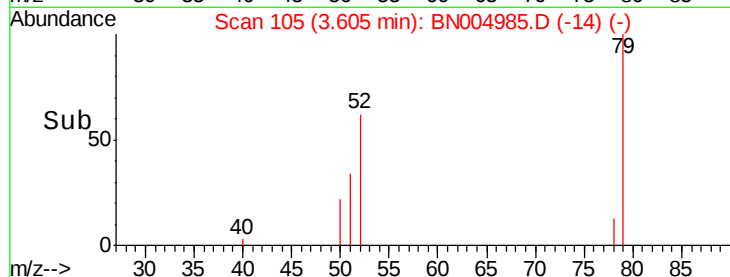
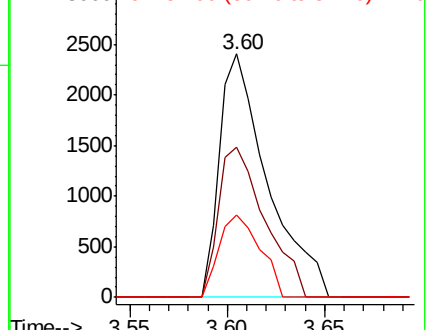
79 100

52 61.9 50.2 75.4

51 33.7 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 52.00 (51.70 to 52.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 5.510 ng

RT: 3.53 min Scan# 93

Delta R.T. 0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

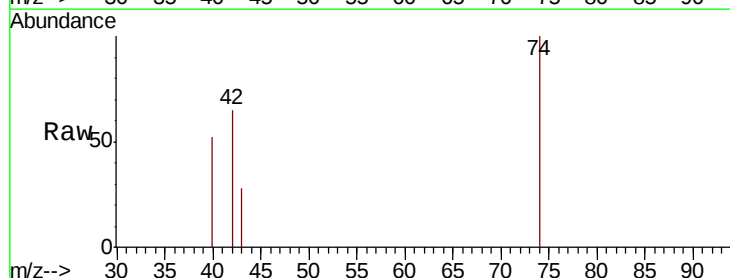
Tgt Ion: 42 Resp: 1029

Ion Ratio Lower Upper

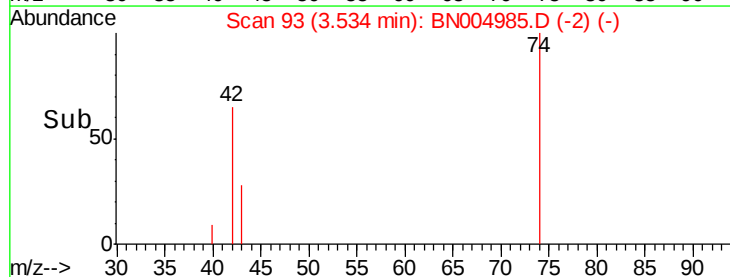
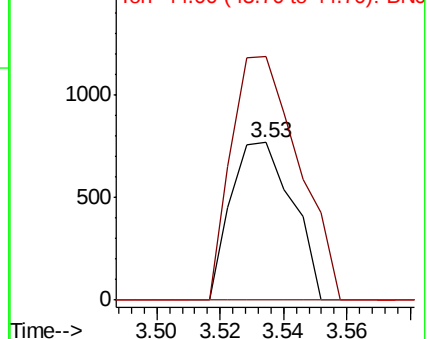
42 100

74 154.8 130.8 196.2

44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 106.447 ng

RT: 5.26 min Scan# 387

Delta R.T. -0.01 min

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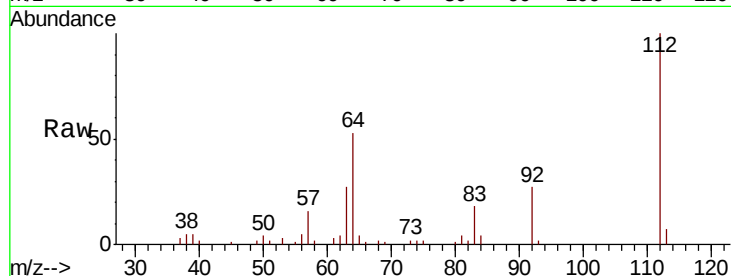
Tot Ion:112 Resp: 59876

Ion Ratio Lower Upper

112 100

64 52.9 41.9 62.9

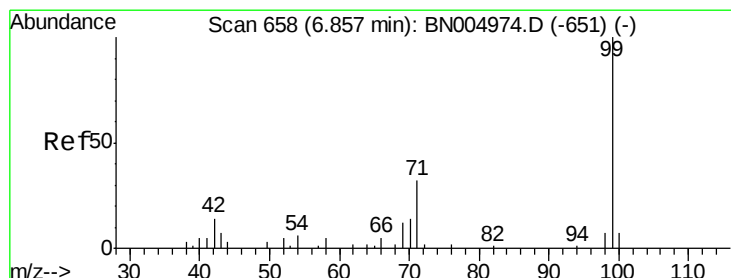
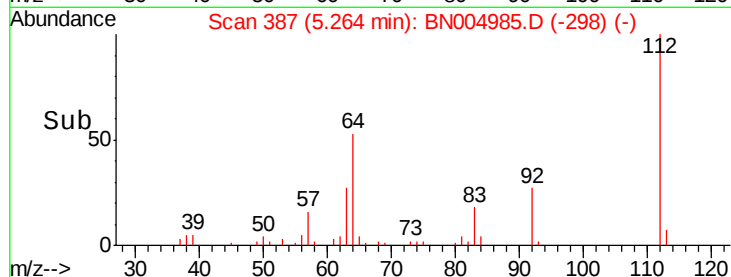
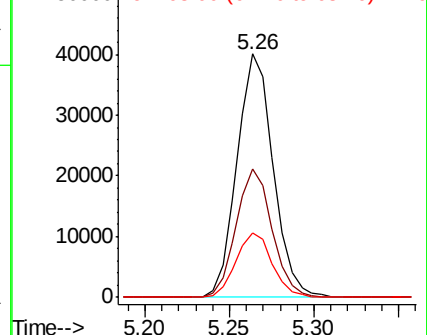
63 26.7 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#7

Phenol-d6

Concen: 105.605 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

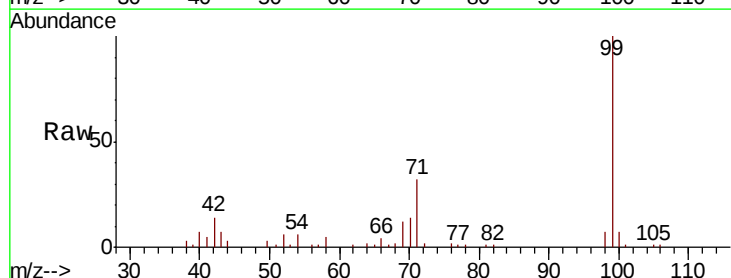
Tgt Ion: 99 Resp: 78788

Ion Ratio Lower Upper

99 100

42 14.3 11.4 17.0

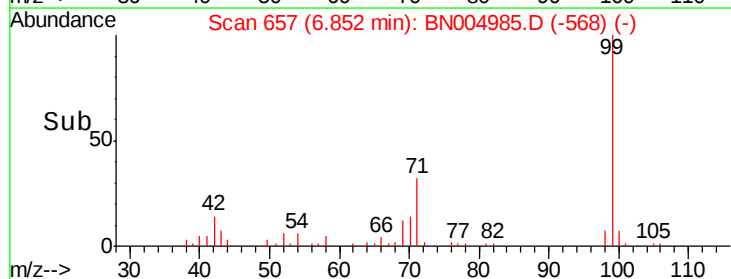
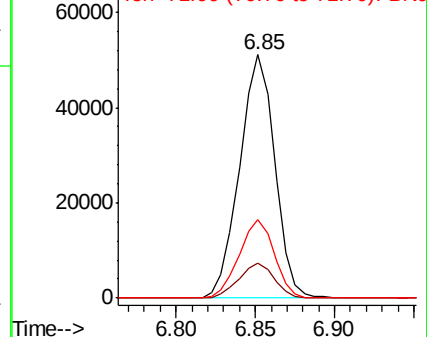
71 32.2 25.8 38.8

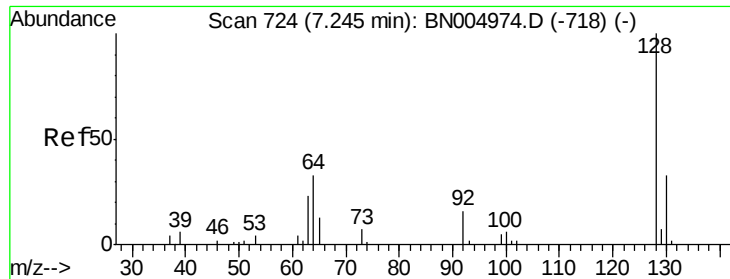


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC

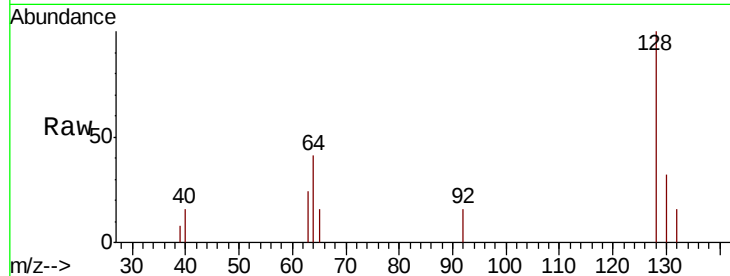




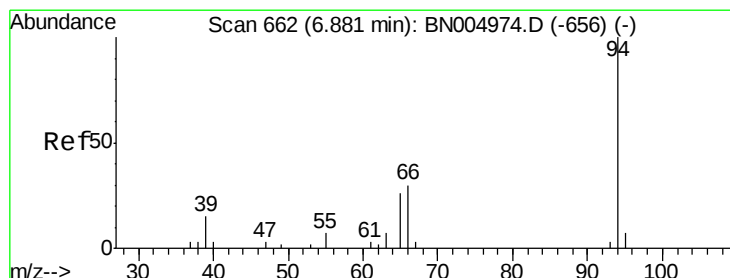
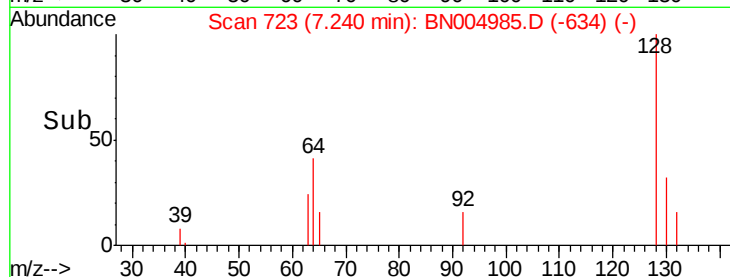
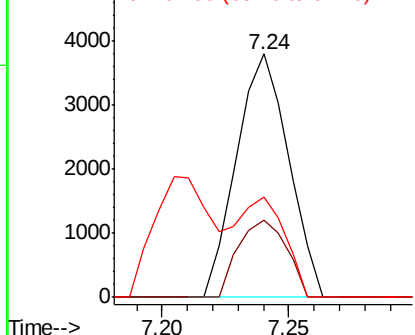
#8
 2-Chlorophenol
 Concen: 7.627 ng
 RT: 7.24 min Scan# 723
 Delta R.T. -0.01 min
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Tot Ion:128 Resp: 5446
 Ion Ratio Lower Upper
 128 100
 130 31.5 12.9 52.9
 64 40.9 19.9 59.9

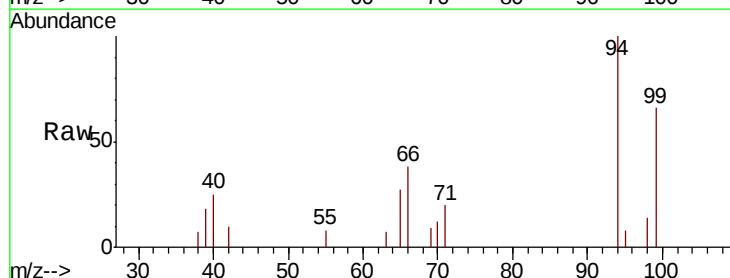


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 64.00 (63.70 to 64.70): BNC

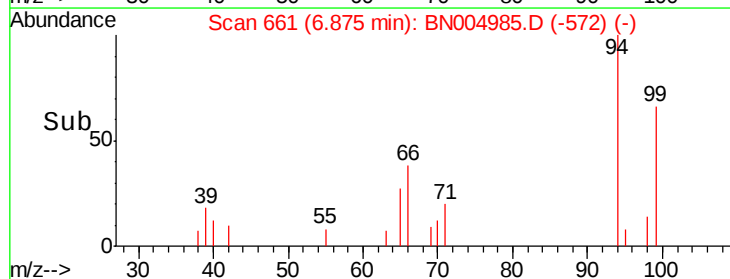
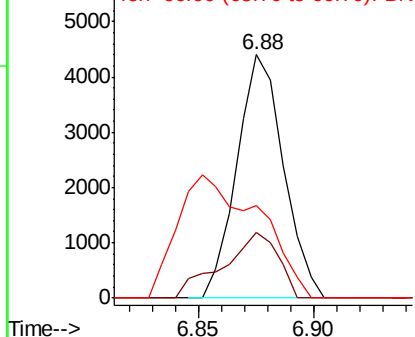


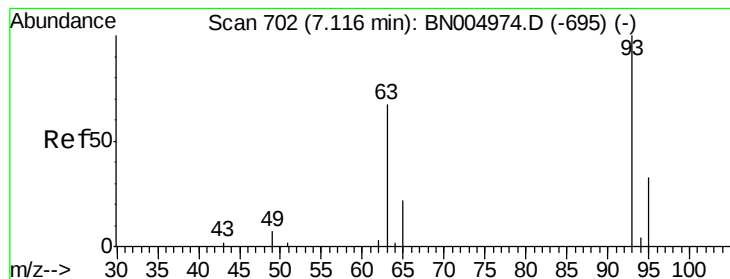
#10
 Phenol
 Concen: 7.742 ng
 RT: 6.88 min Scan# 661
 Delta R.T. -0.01 min
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Tgt Ion: 94 Resp: 6189
 Ion Ratio Lower Upper
 94 100
 65 26.9 5.7 45.7
 66 38.0 14.8 54.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
 Ion 65.00 (64.70 to 65.70): BNC
 Ion 66.00 (65.70 to 66.70): BNC

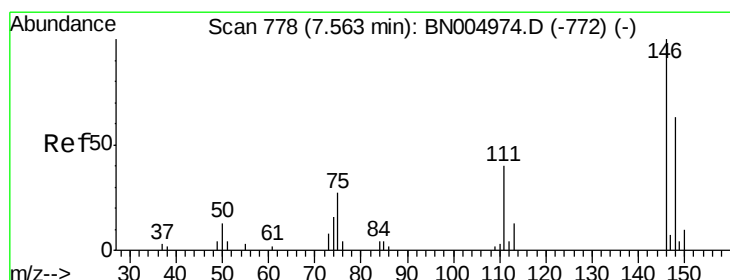
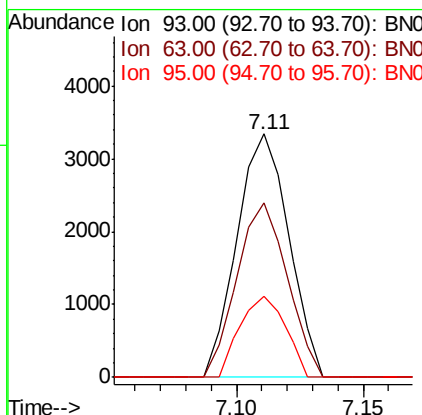
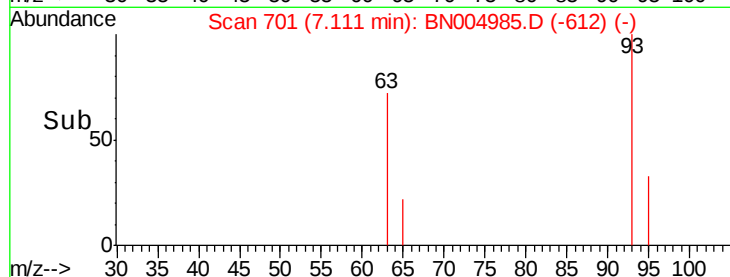
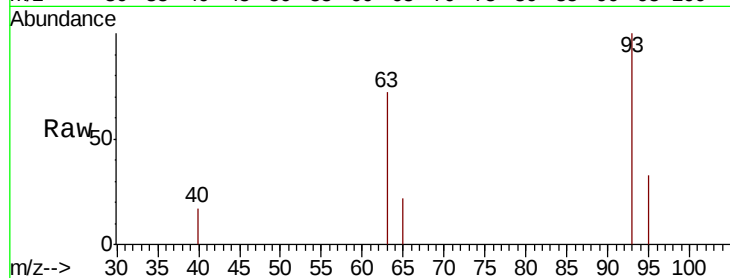




#11
bis(2-Chloroethyl)ether
Concen: 7.717 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
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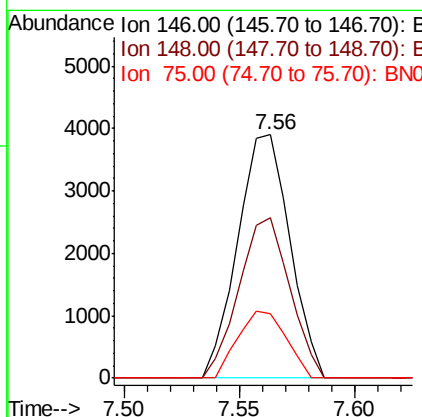
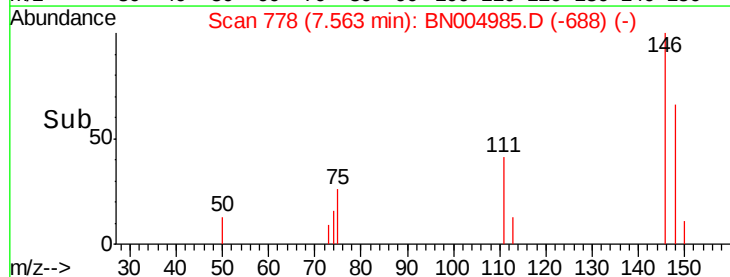
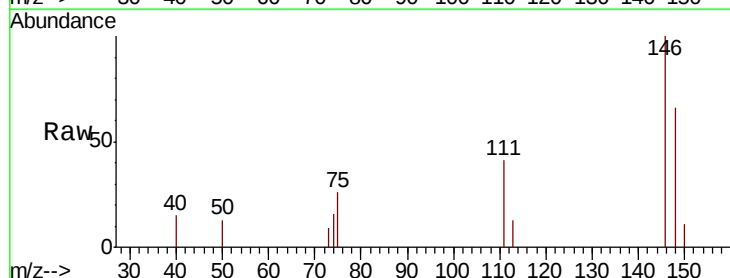
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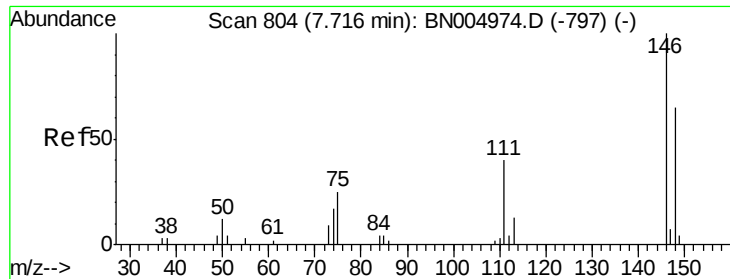
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Ion Ratio Lower Upper
93 100
63 71.5 47.0 87.0
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.895 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 146 Resp: 6142
Ion Ratio Lower Upper
146 100
148 65.8 52.0 78.0
75 26.4 22.0 33.0

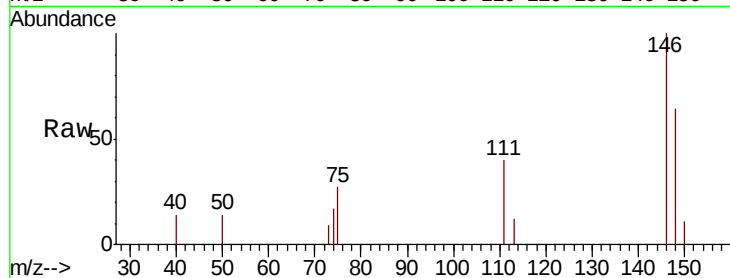




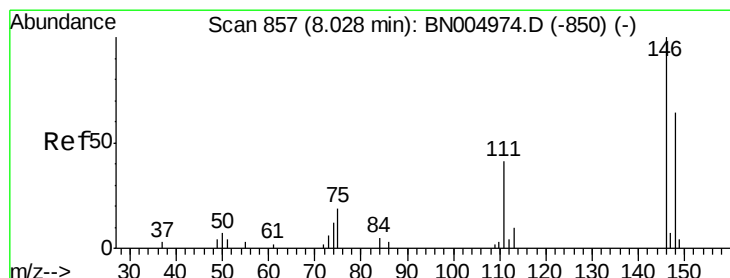
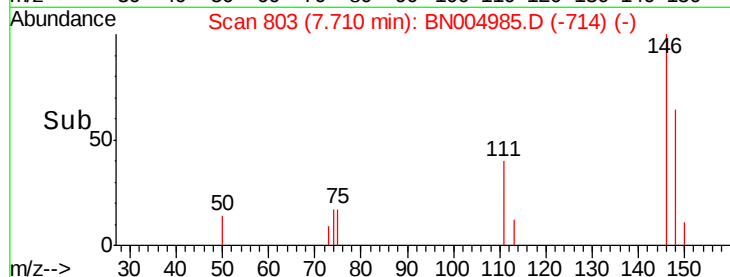
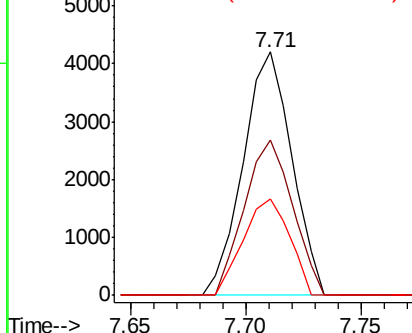
#13
 1,4-Dichlorobenzene
 Concen: 7.853 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:146 Resp: 6184
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.2
 111 39.8 32.6 49.0

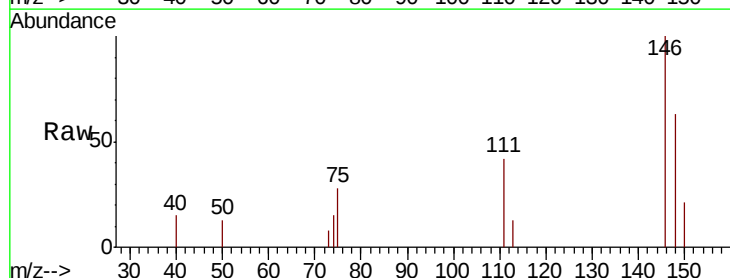


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

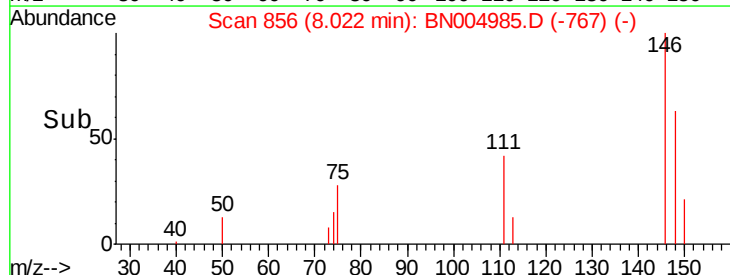
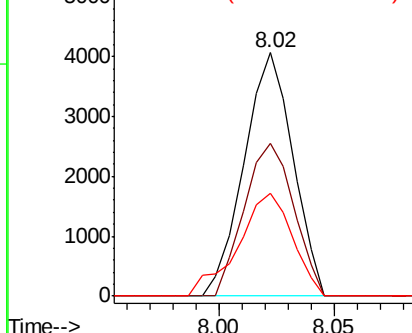


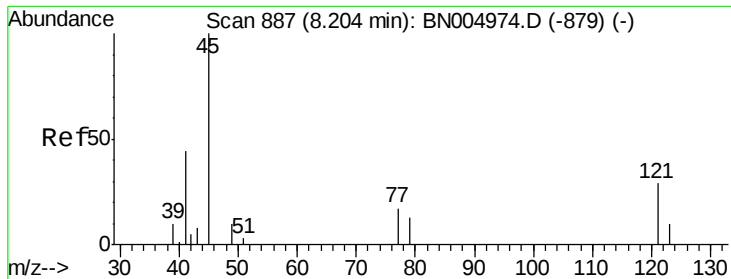
#14
 1,2-Dichlorobenzene
 Concen: 7.922 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:146 Resp: 5970
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.4 77.2
 111 42.1 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

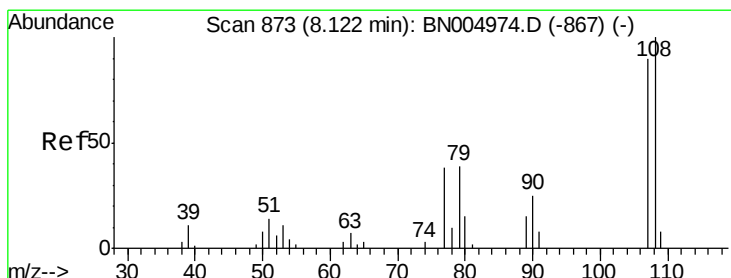
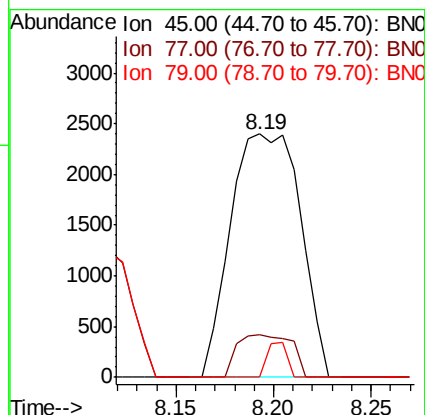
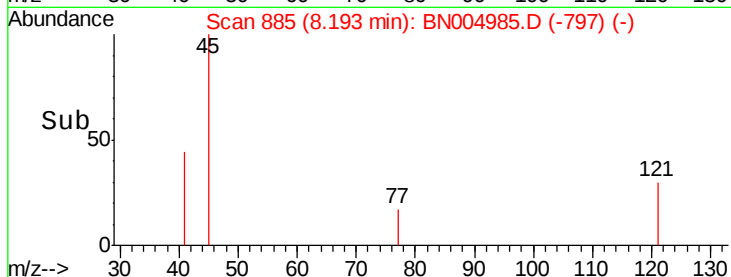
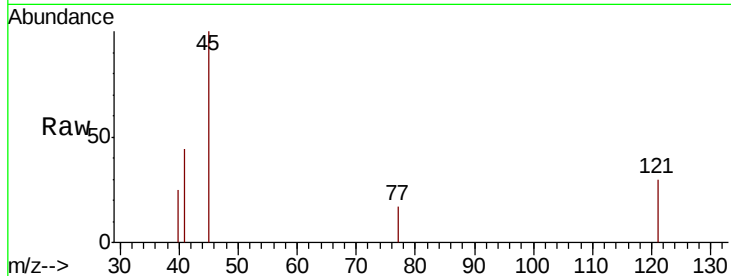




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 7.983 ng
RT: 8.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

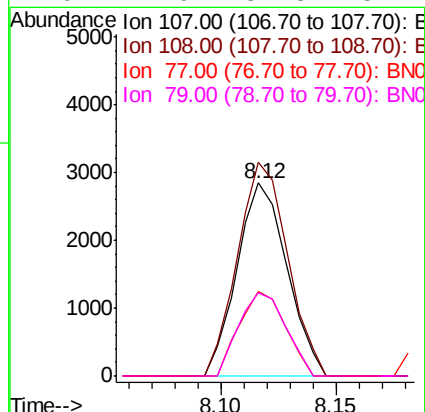
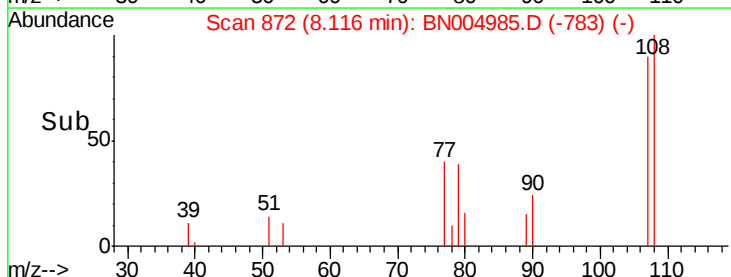
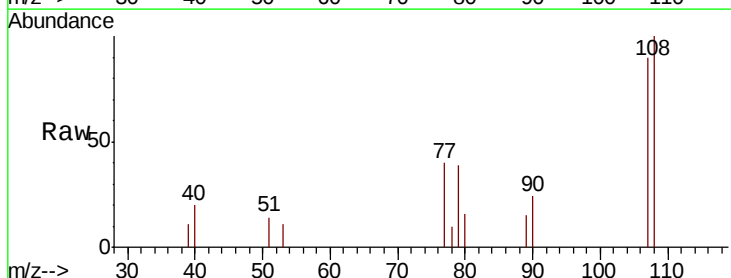
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

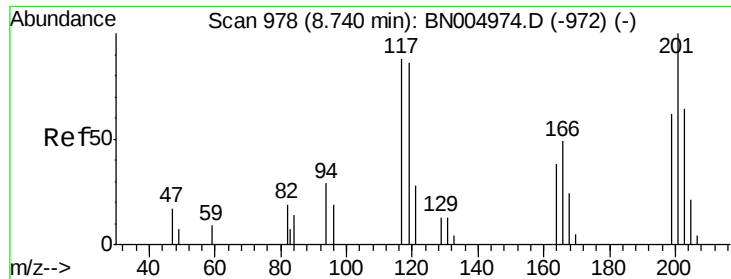
Tot Ion: 45 Resp: 5954
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.9
79 0.0 0.0 33.3



#17
2-Methylphenol
Concen: 7.705 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 107 Resp: 4294
Ion Ratio Lower Upper
107 100
108 110.6 88.8 133.2
77 44.0 34.2 51.2
79 42.9 34.8 52.2

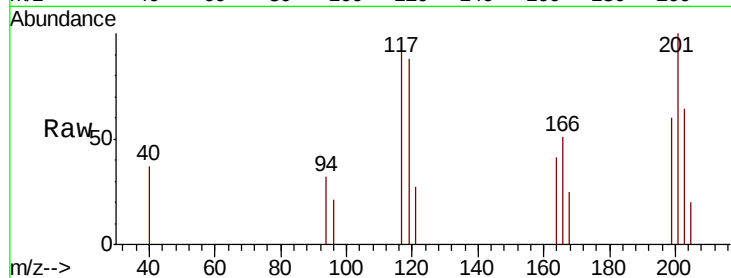




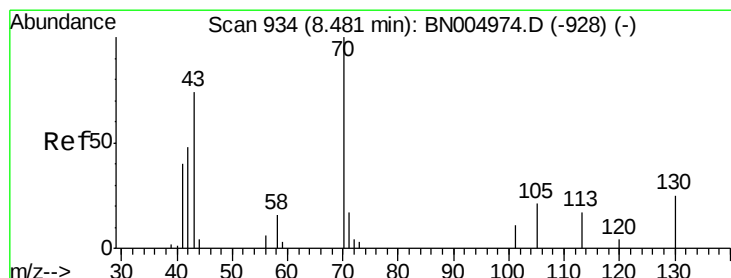
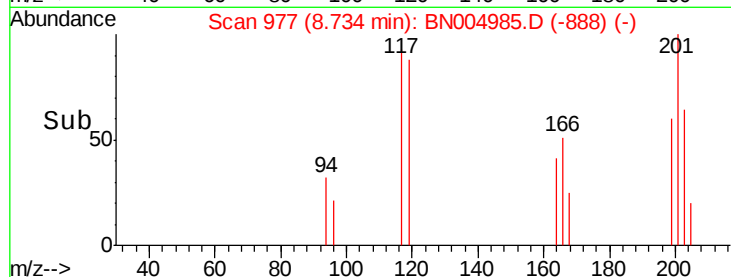
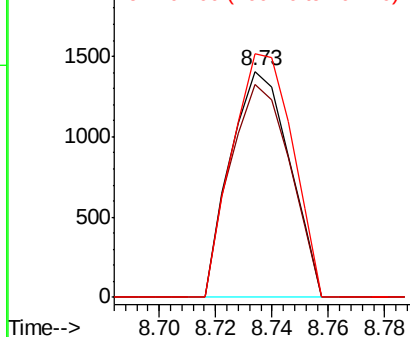
#18
Hexachloroethane
Concen: 7.330 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:117 Resp: 2046
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3
201 107.7 90.5 135.7

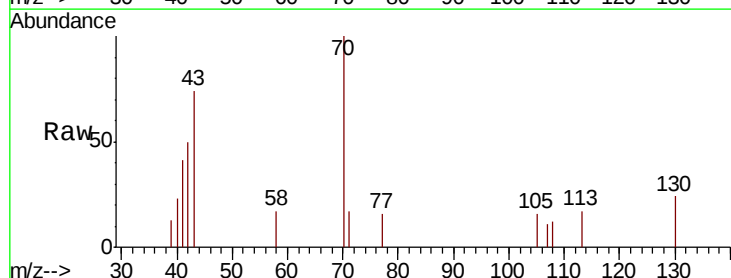


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

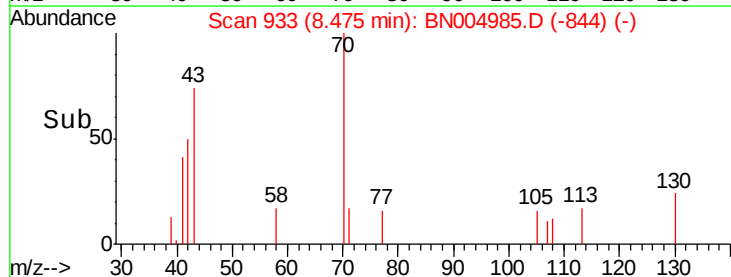
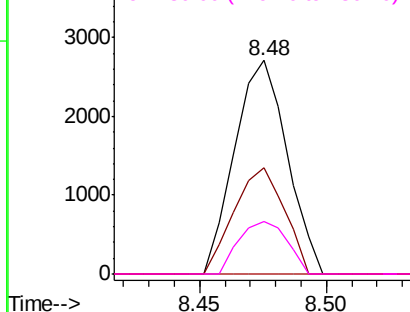


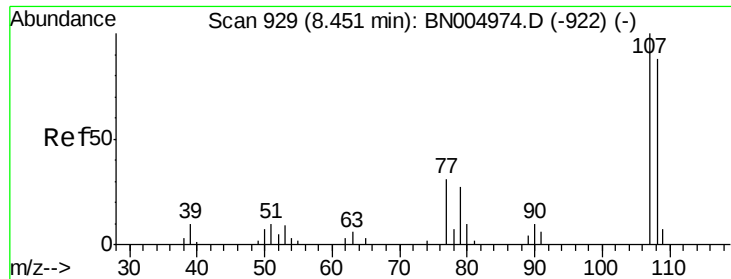
#19
n-Nitroso-di-n-propylamine
Concen: 7.947 ng
RT: 8.48 min Scan# 933
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 70 Resp: 3887
Ion Ratio Lower Upper
70 100
42 49.9 38.4 57.6
101 0.0 8.8 13.2#
130 24.5 19.8 29.8



Abundance Ion 70.00 (69.70 to 70.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

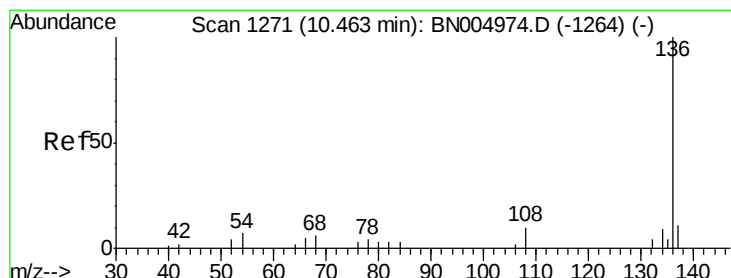
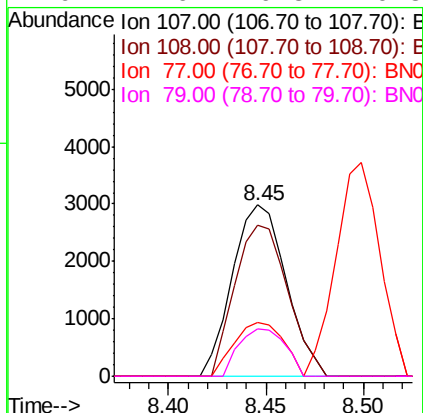
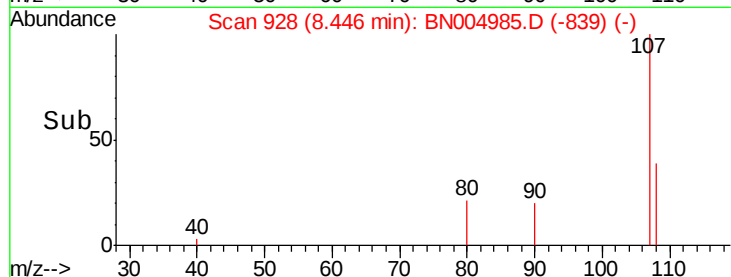
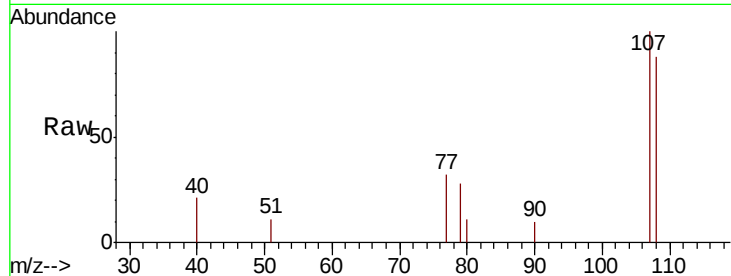




#20
3+4-Methylphenols
Concen: 7.525 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

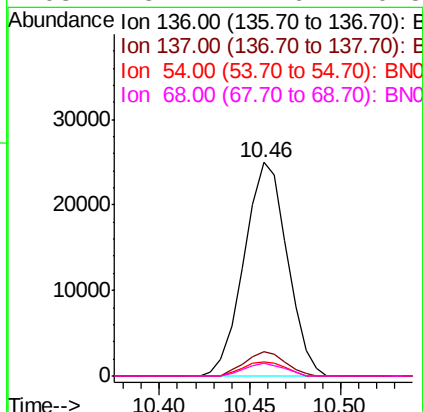
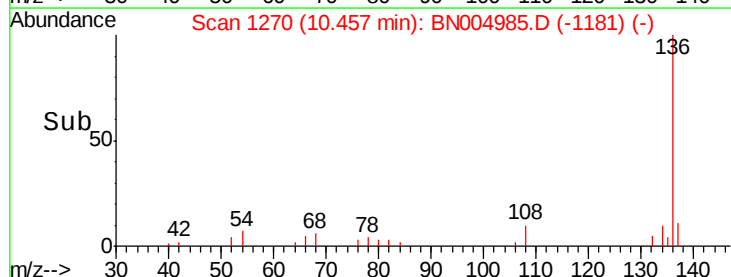
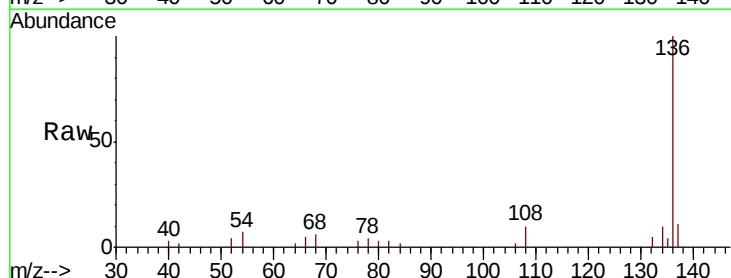
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

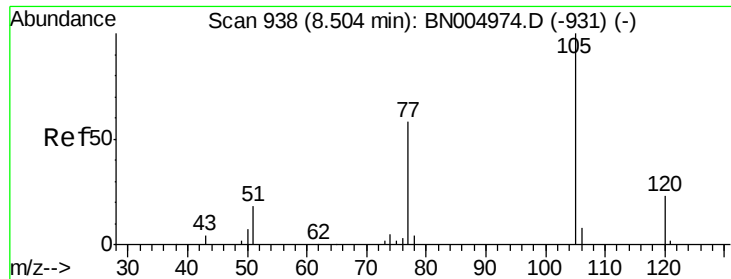
Tot Ion:107	Resp:	5694
Ion	Ratio	Lower Upper
107	100	
108	88.2	67.9 107.9
77	31.5	10.6 50.6
79	27.6	6.8 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:136	Resp:	41435
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	6.8	5.3 7.9
68	5.7	4.6 6.8

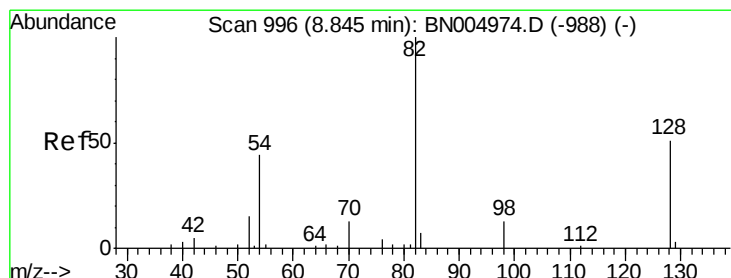
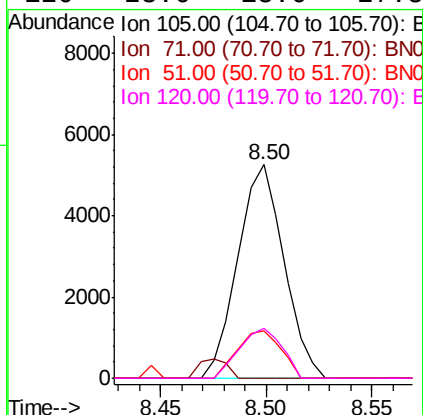
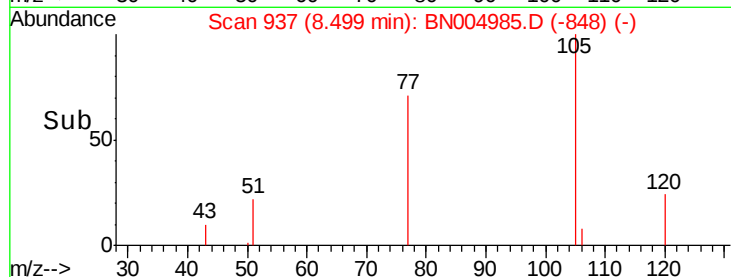
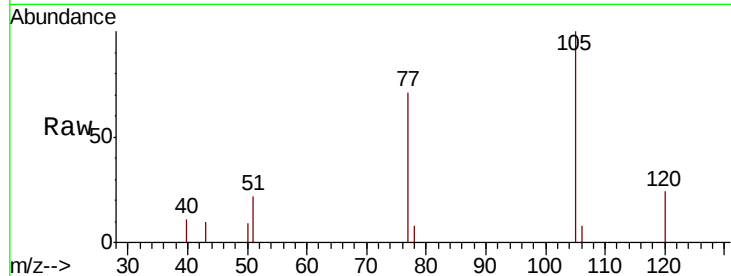




#22
Acetophenone
Concen: 8.434 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

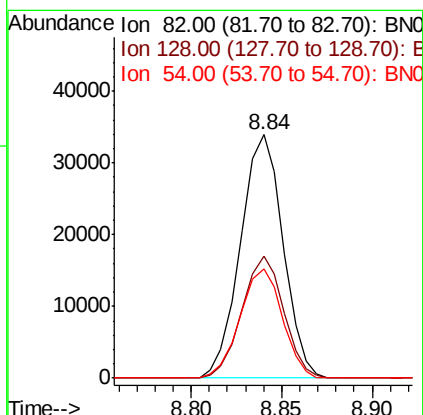
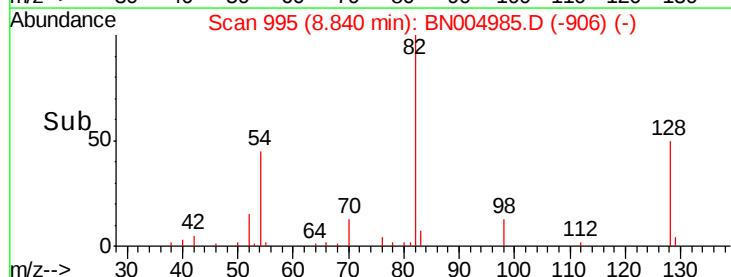
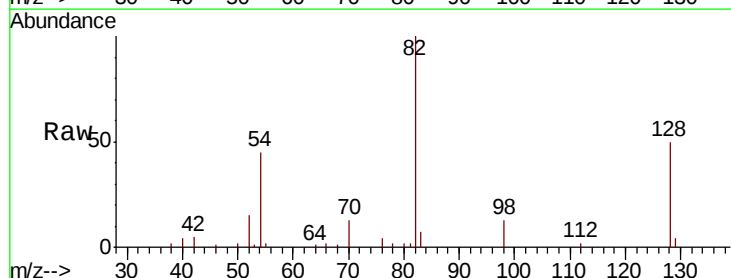
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

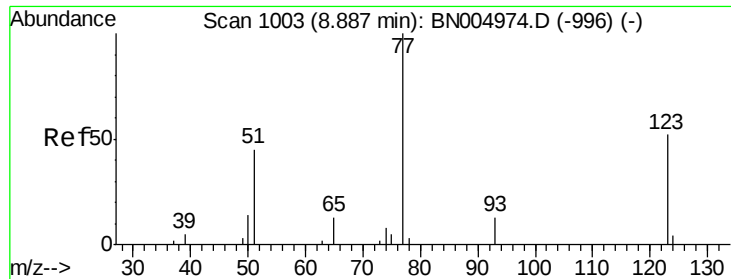
Tot Ion:105 Resp: 7977
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 22.0 17.8 26.8
120 23.6 18.6 27.8



#23
Nitrobenzene-d5
Concen: 81.082 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 82 Resp: 55539
Ion Ratio Lower Upper
82 100
128 50.2 40.6 60.8
54 44.8 35.2 52.8





#24

Nitrobenzene

Concen: 8.264 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

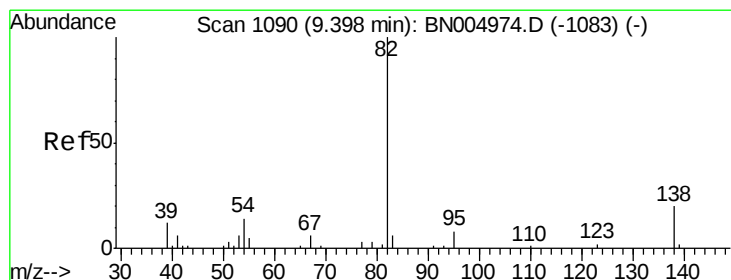
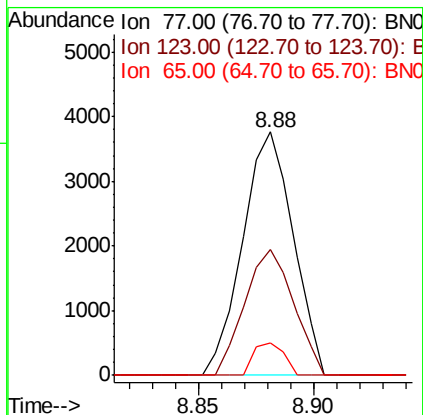
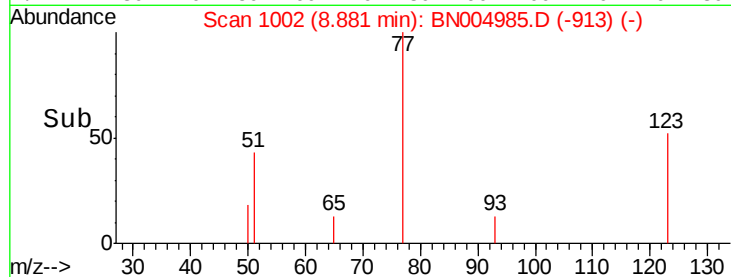
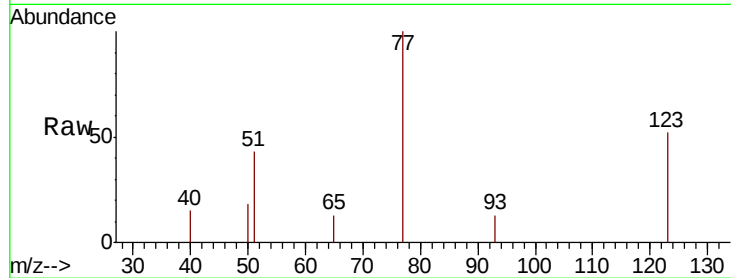
Tot Ion: 77 Resp: 5729

Ion Ratio Lower Upper

77 100

123 51.6 41.3 61.9

65 13.1 10.3 15.5



#25

Isophorone

Concen: 8.390 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

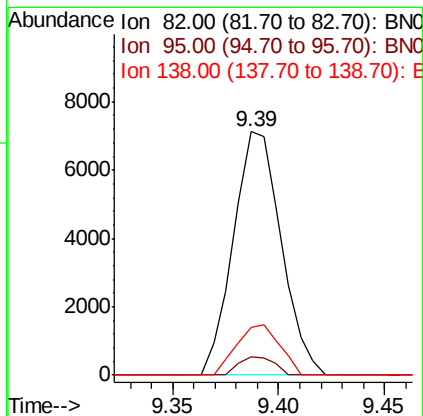
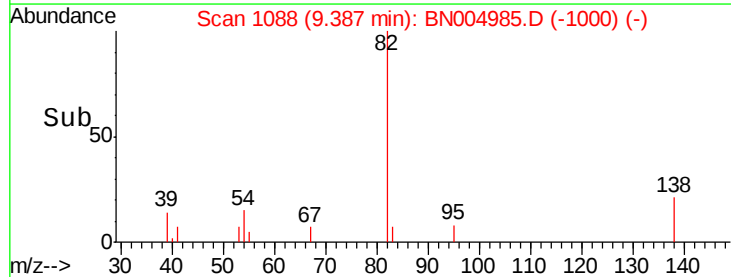
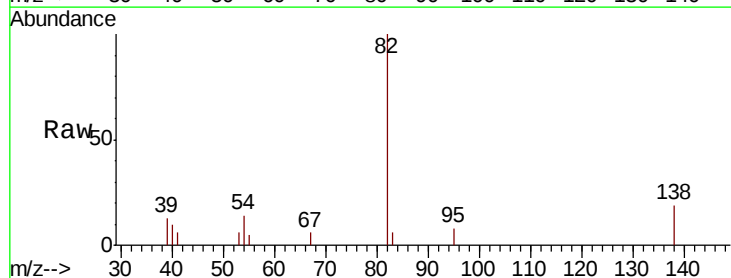
Tgt Ion: 82 Resp: 11195

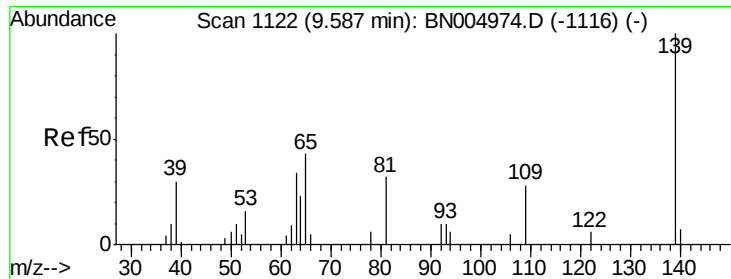
Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 19.4 16.2 24.2

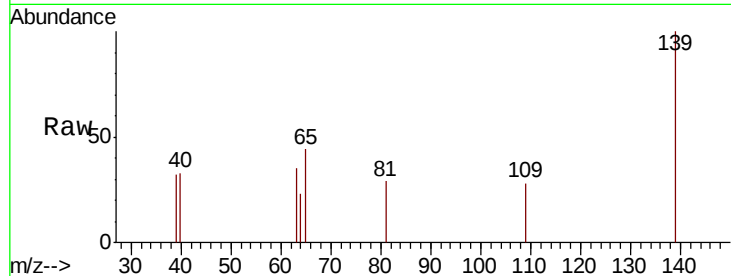




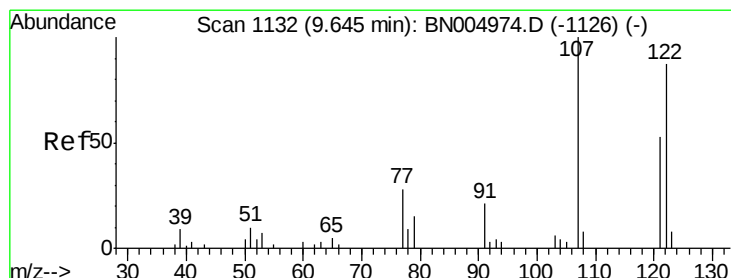
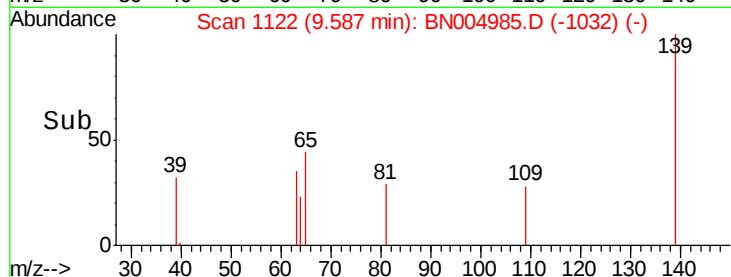
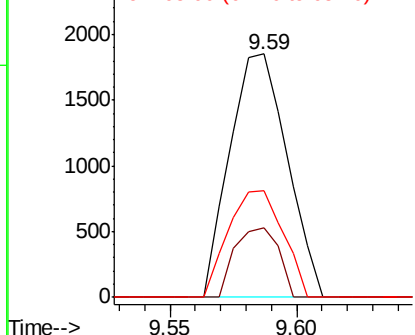
#26
2-Nitrophenol
Concen: 7.262 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:139 Resp: 2923
Ion Ratio Lower Upper
139 100
109 28.3 22.5 33.7
65 43.8 34.2 51.4

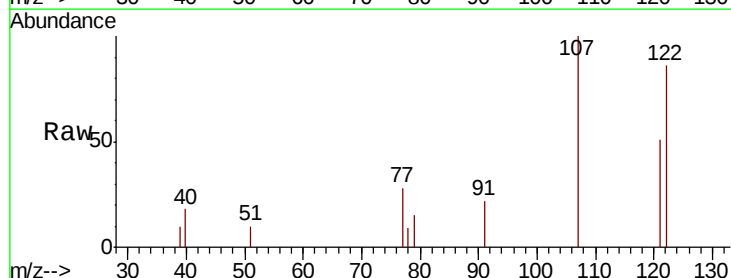


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

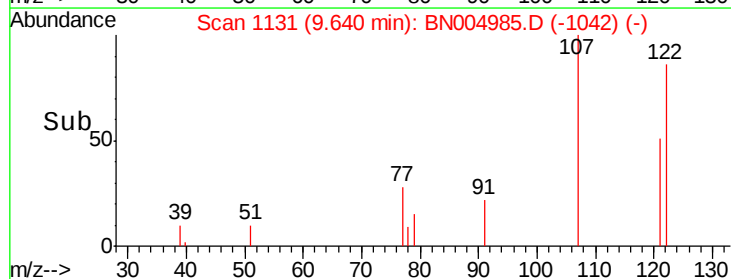
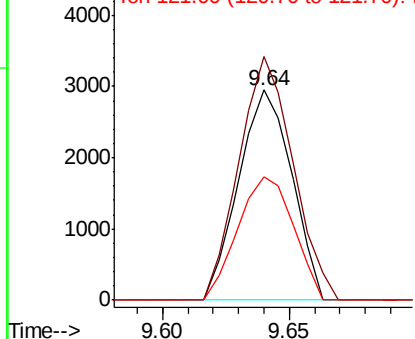


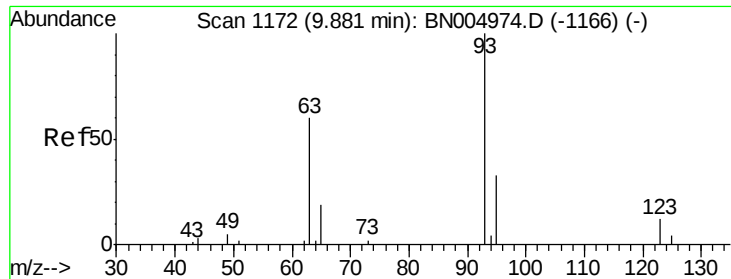
#27
2,4-Dimethylphenol
Concen: 7.684 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:122 Resp: 4306
Ion Ratio Lower Upper
122 100
107 116.1 91.6 137.4
121 58.9 48.2 72.2



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

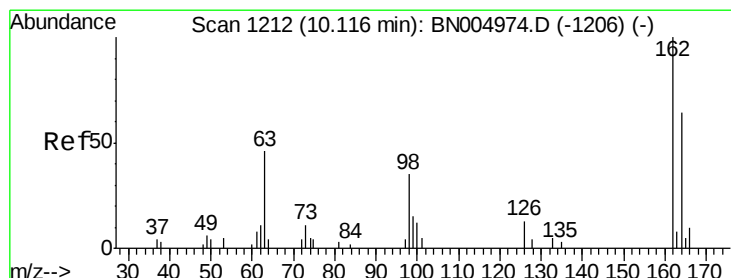
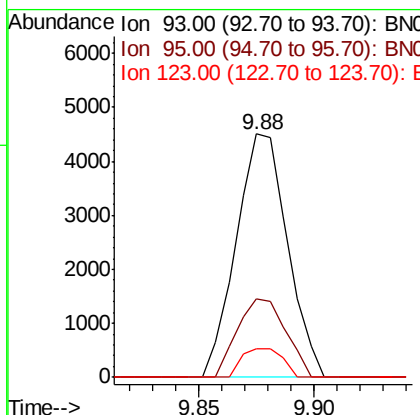
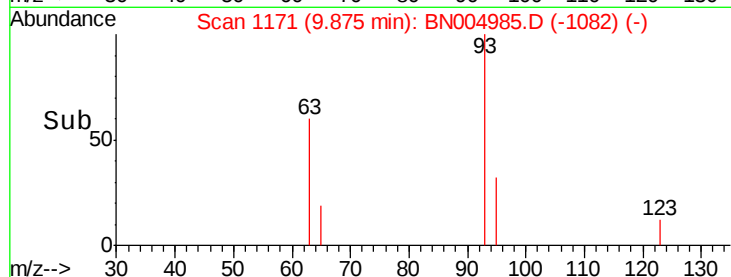
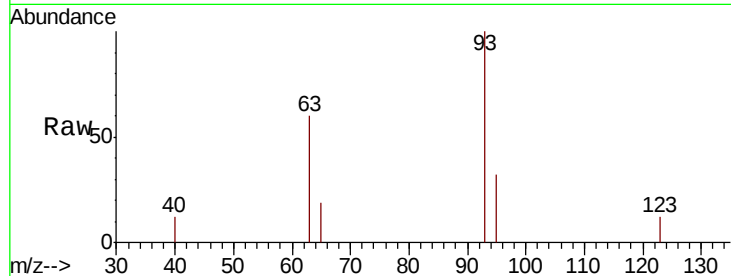




#28
bis(2-Chloroethoxy)methane
Concen: 8.438 ng
RT: 9.88 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

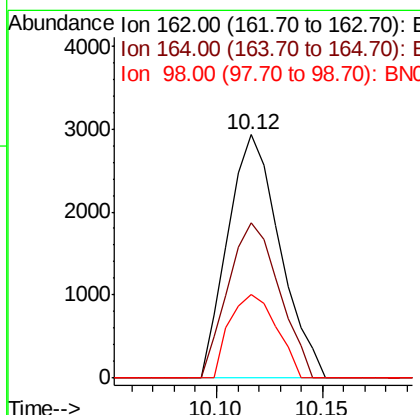
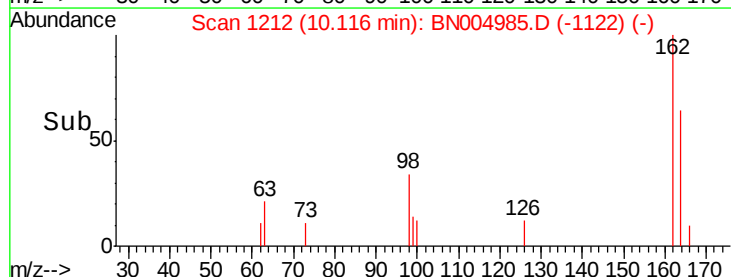
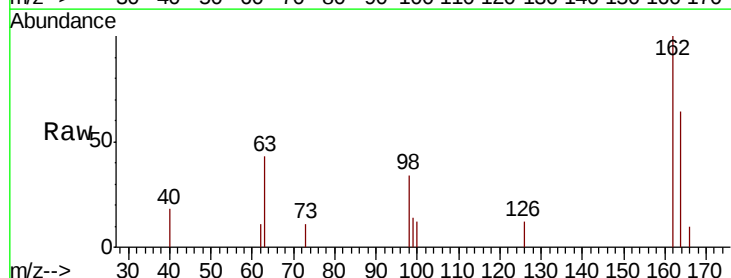
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

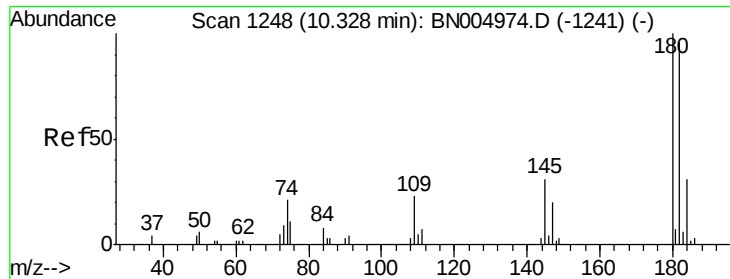
Tot Ion: 93 Resp: 6976
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.8 9.8 14.8



#29
2,4-Dichlorophenol
Concen: 7.772 ng
RT: 10.12 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 162 Resp: 5006
Ion Ratio Lower Upper
162 100
164 63.5 44.3 84.3
98 34.3 15.3 55.3

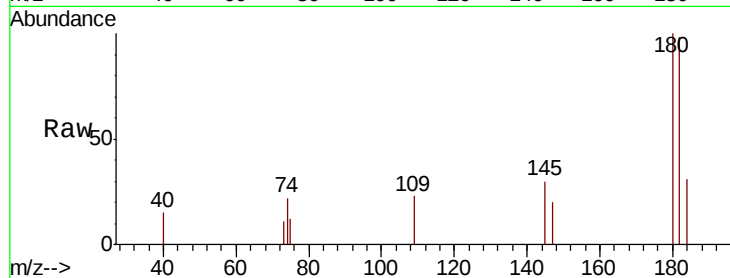




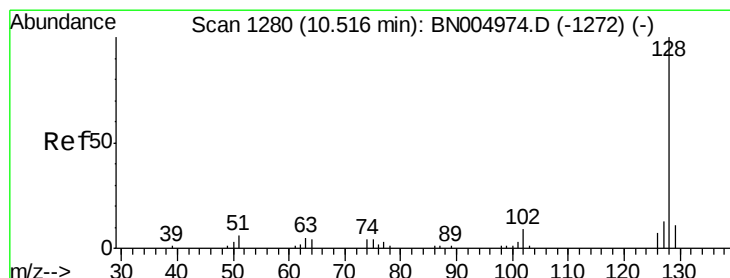
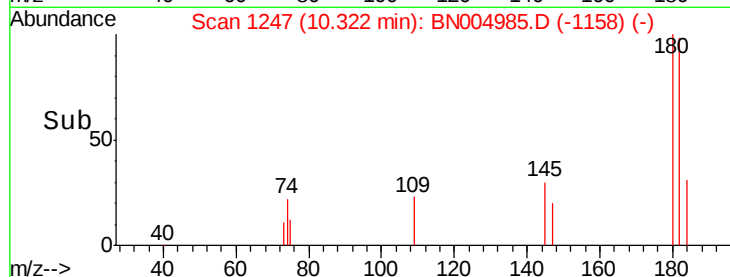
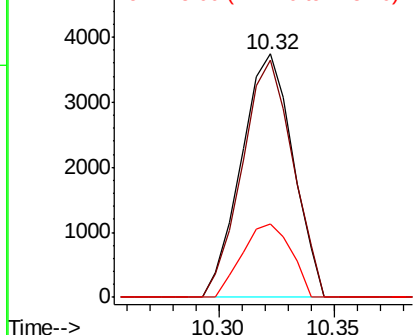
#30
 1,2,4-Trichlorobenzene
 Concen: 8.237 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:180 Resp: 5844
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.6 114.8
 145 30.2 24.6 37.0

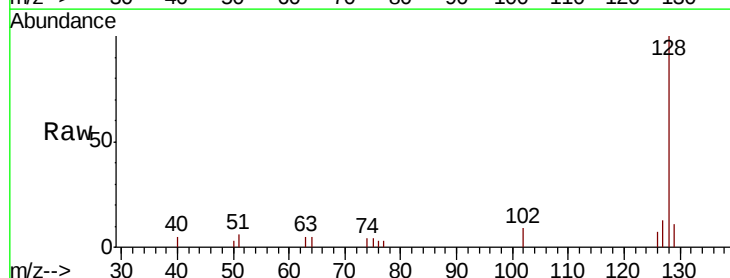


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

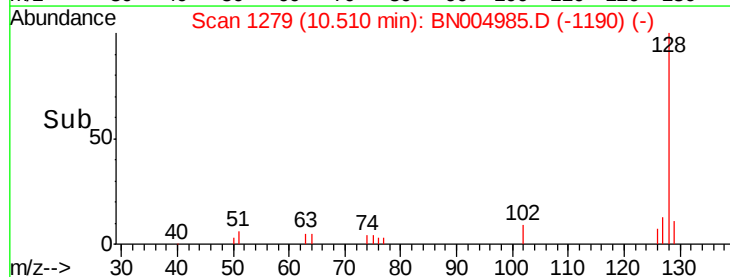
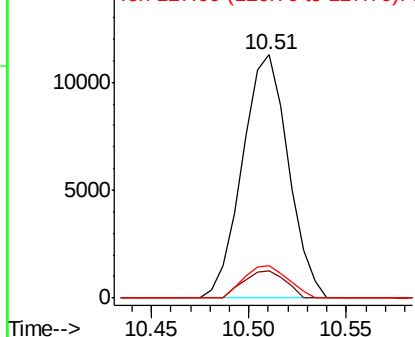


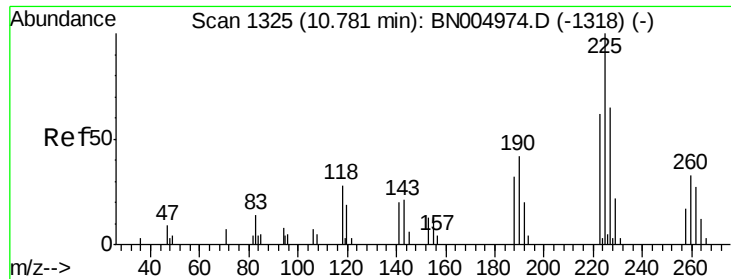
#31
 Naphthalene
 Concen: 8.516 ng
 RT: 10.51 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:128 Resp: 18410
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.7 13.1
 127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

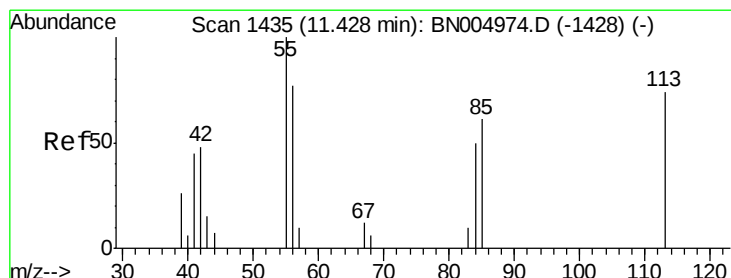
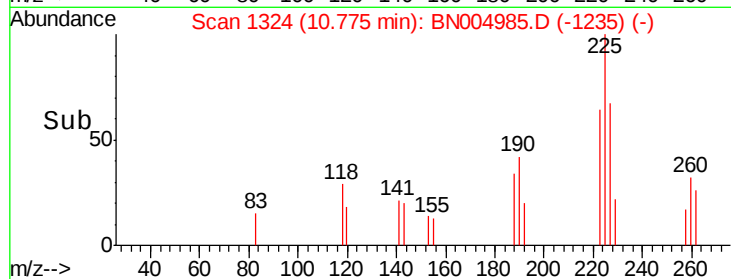
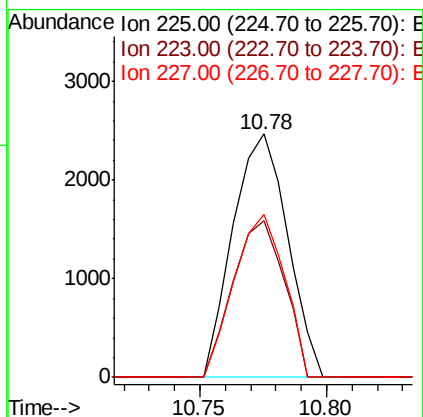
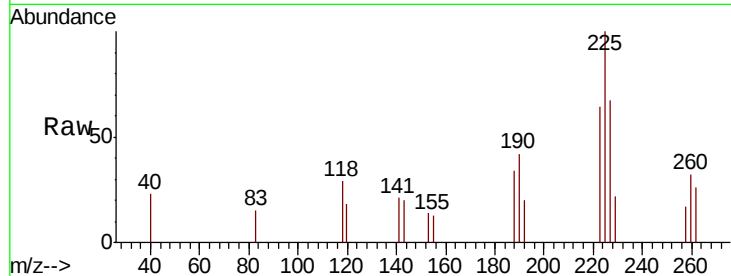




#34
Hexachlorobutadiene
Concen: 8.108 ng
RT: 10.78 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

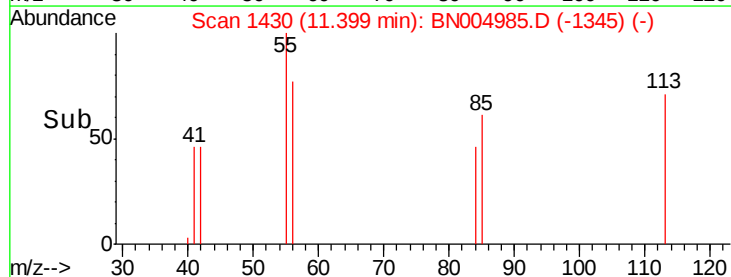
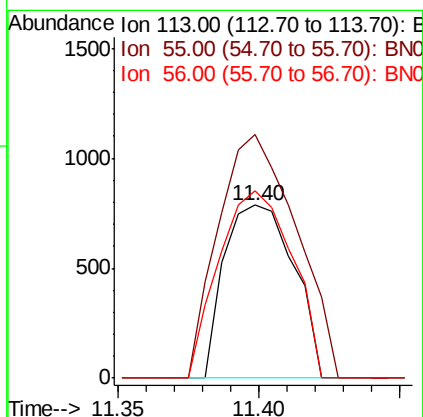
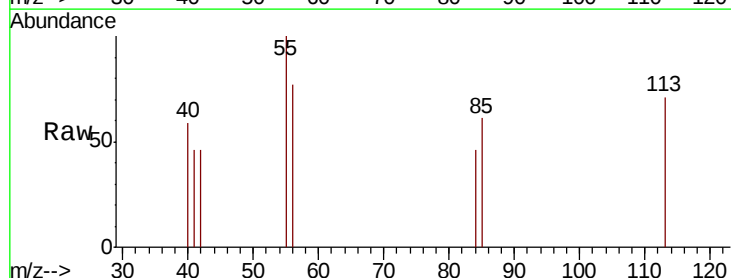
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

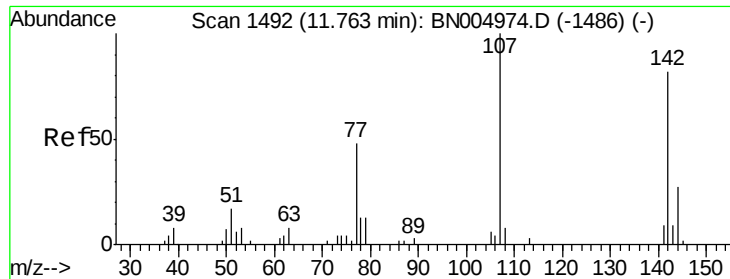
Tot Ion:225 Resp: 3722
Ion Ratio Lower Upper
225 100
223 64.2 49.7 74.5
227 66.9 52.0 78.0



#35
Caprolactam
Concen: 6.354 ng
RT: 11.40 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:113 Resp: 1340
Ion Ratio Lower Upper
113 100
55 140.6 115.8 155.8
56 107.9 85.1 125.1

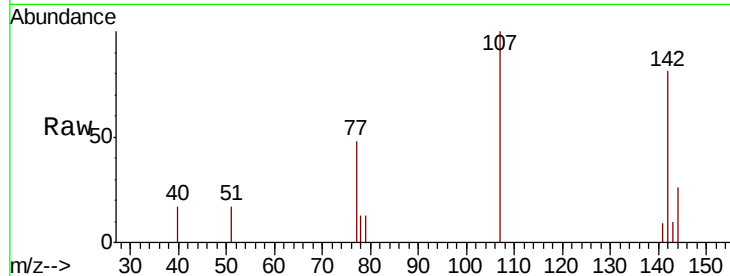




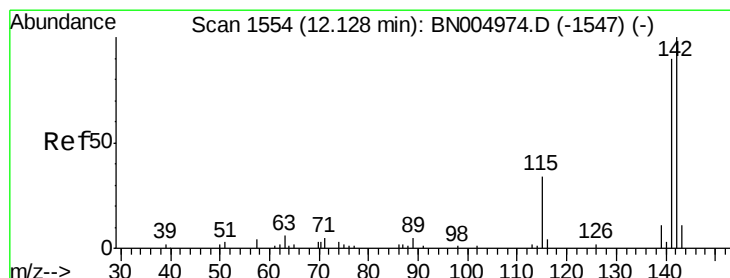
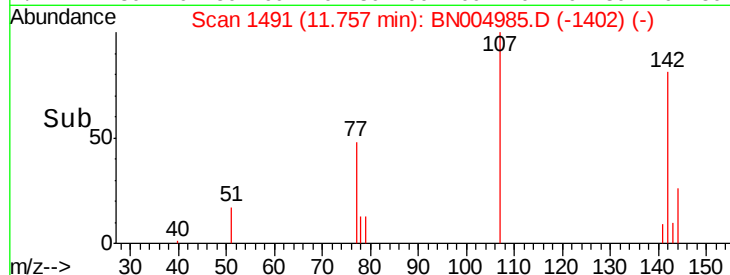
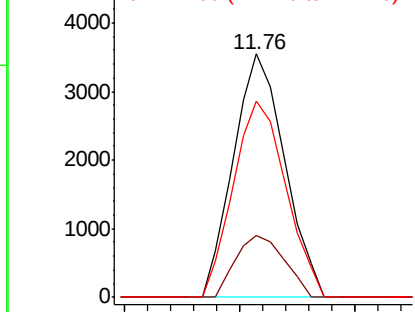
#36
 4-Chloro-3-methylphenol
 Concen: 7.896 ng
 RT: 11.76 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:107 Resp: 5494
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.3 31.9
 142 80.8 65.8 98.8

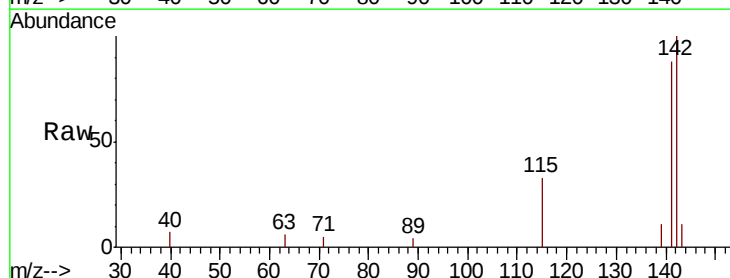


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

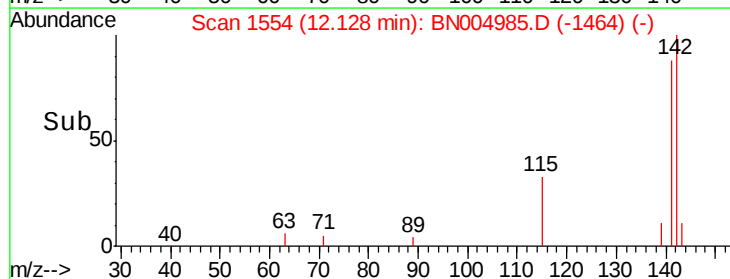
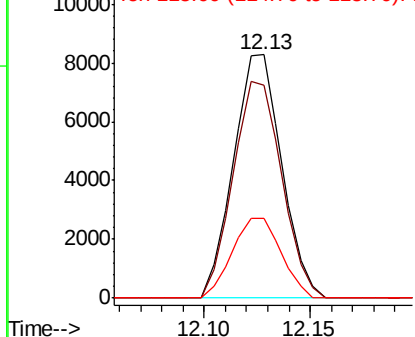


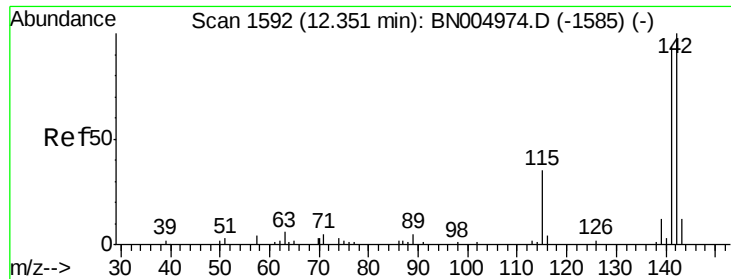
#37
 2-Methylnaphthalene
 Concen: 8.597 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:142 Resp: 13124
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.8 107.8
 115 32.7 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

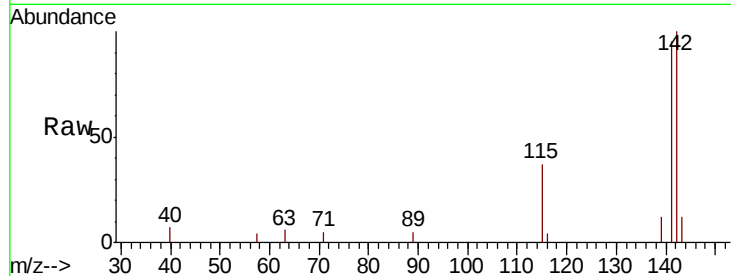




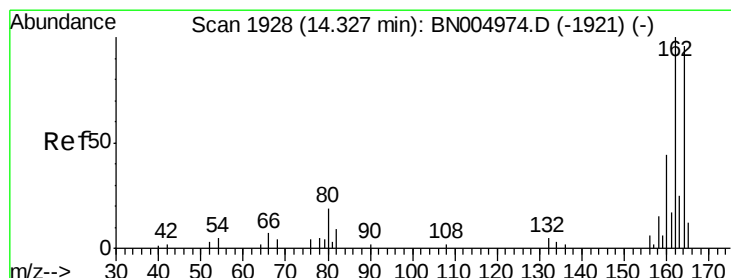
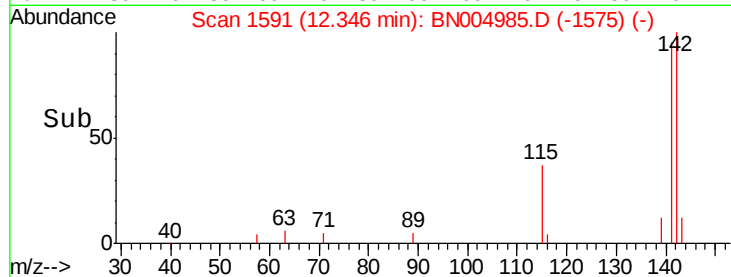
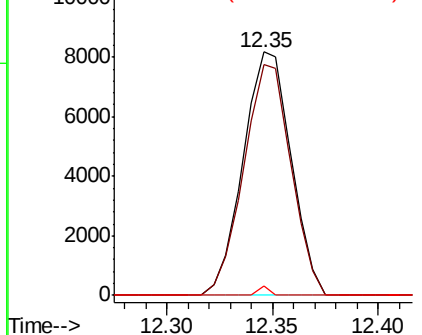
#38
1-Methylnaphthalene
Concen: 8.629 ng
RT: 12.35 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:142 Resp: 12890
Ion Ratio Lower Upper
142 100
141 94.5 74.9 112.3
116 3.8 3.0 4.4

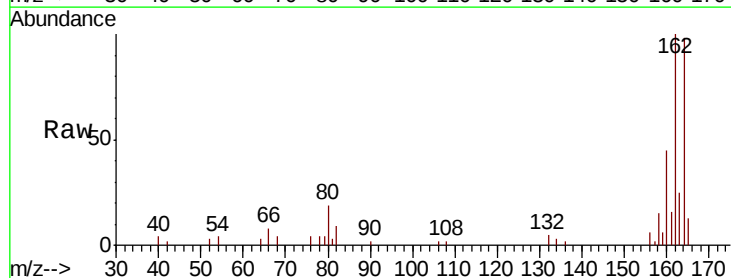


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

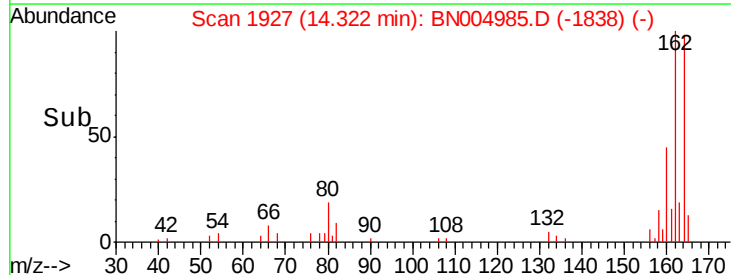
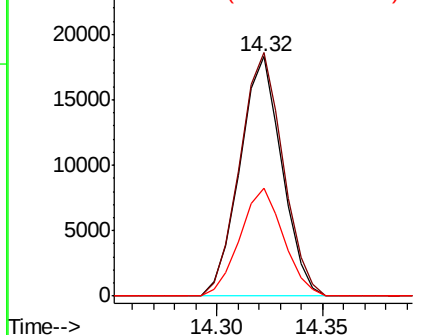


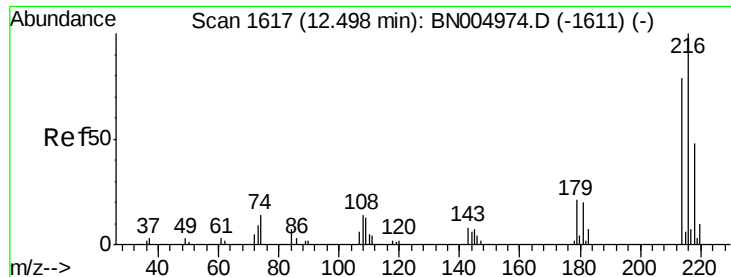
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:164 Resp: 25223
Ion Ratio Lower Upper
164 100
162 101.6 83.4 125.0
160 45.2 36.6 55.0



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

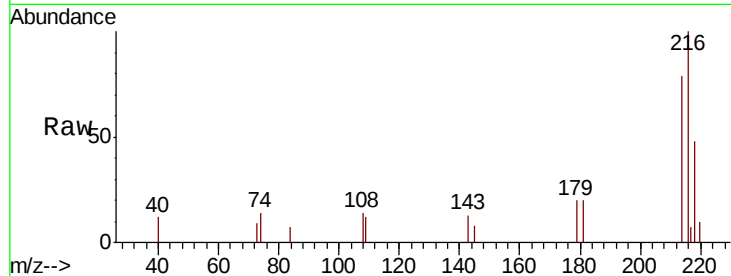




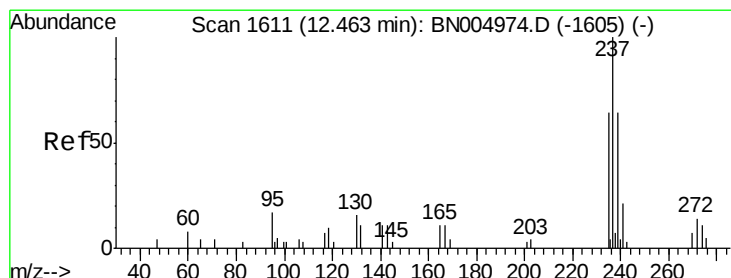
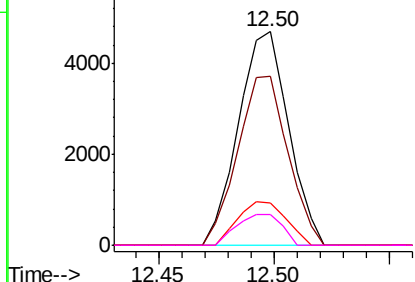
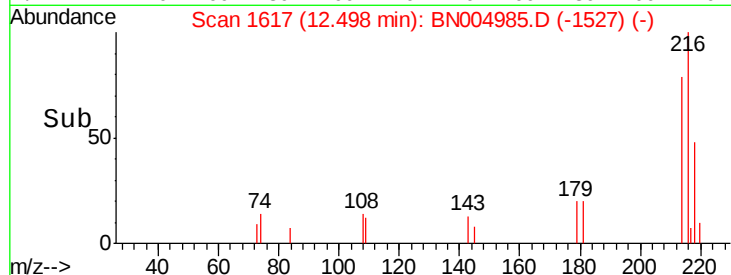
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.907 ng
 RT: 12.50 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:216 Resp: 7074
 Ion Ratio Lower Upper
 216 100
 214 79.7 62.6 94.0
 179 19.6 16.4 24.6
 108 13.1 12.7 19.1

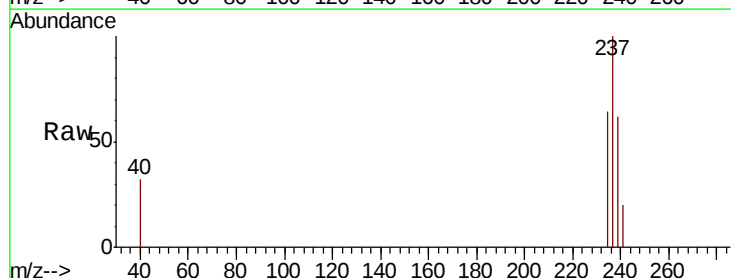


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

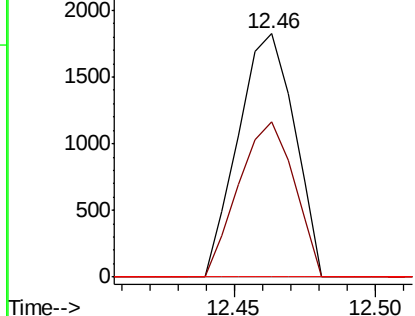
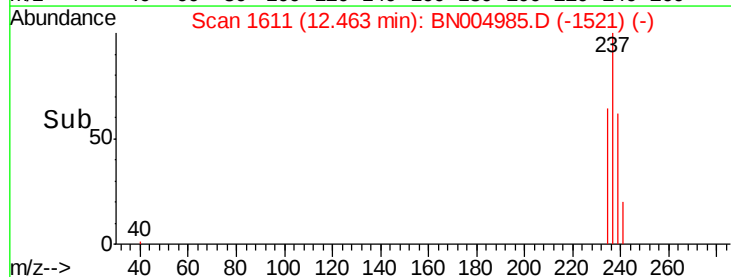


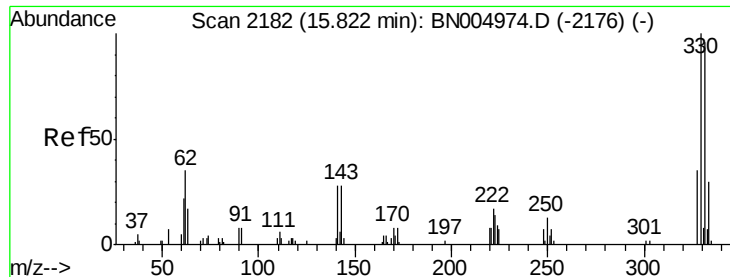
#41
 Hexachlorocyclopentadiene
 Concen: 9.199 ng
 RT: 12.46 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:237 Resp: 2526
 Ion Ratio Lower Upper
 237 100
 235 63.7 43.6 83.6
 272 0.0 0.0 33.5



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





#42

2,4,6-Tribromophenol

Concen: 117.239 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

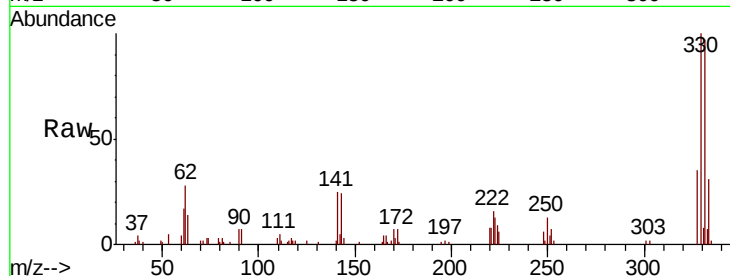
Tot Ion:330 Resp: 47693

Ion Ratio Lower Upper

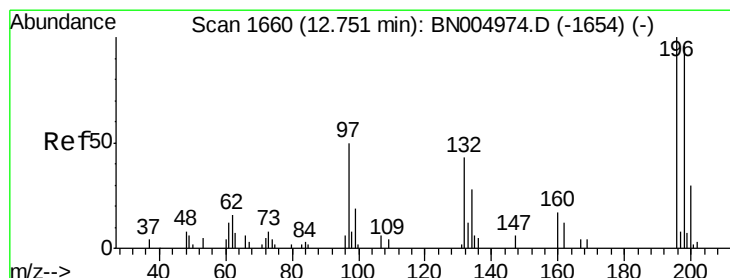
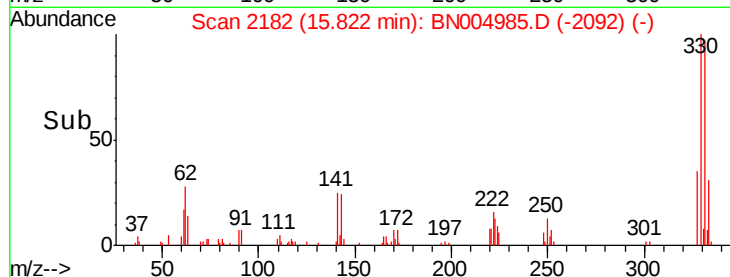
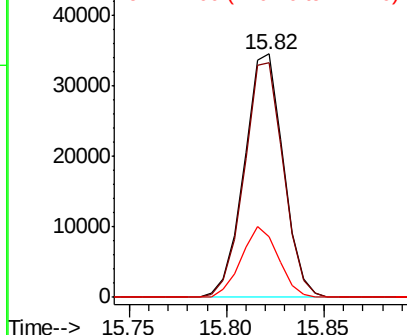
330 100

332 96.8 77.4 116.0

141 27.7 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: 7.463 ng

RT: 12.75 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

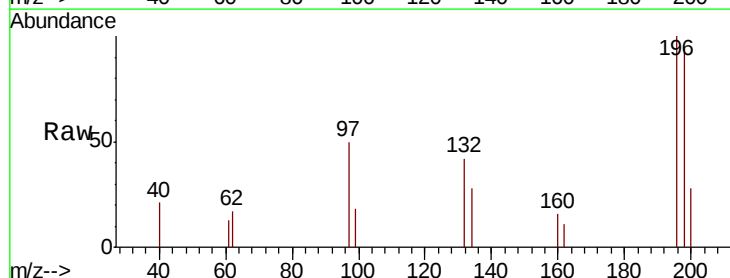
Tgt Ion:196 Resp: 4143

Ion Ratio Lower Upper

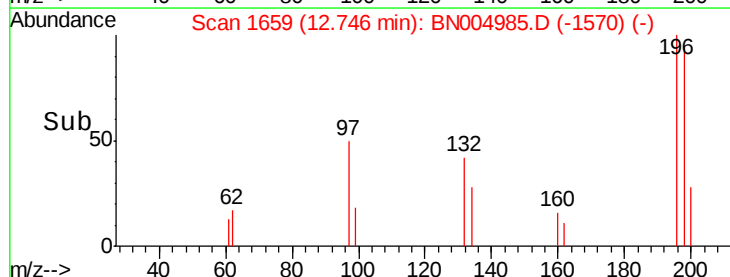
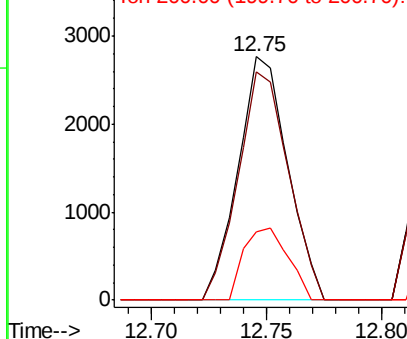
196 100

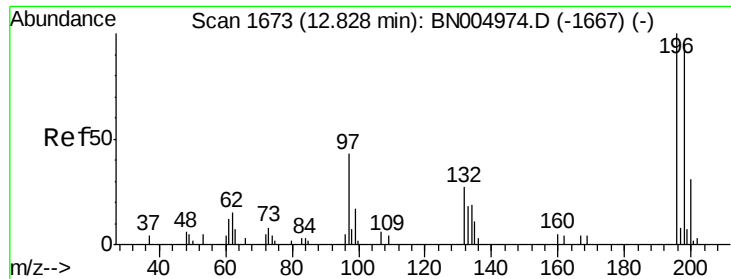
198 93.9 76.5 114.7

200 28.3 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

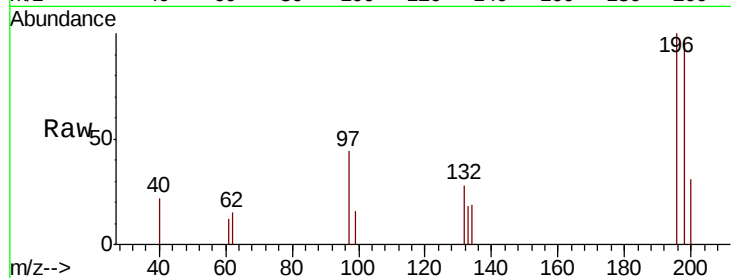




#44
 2,4,5-Trichlorophenol
 Concen: 7.056 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	76.1	114.1
97	43.6	34.8	52.2
132	28.4	21.7	32.5



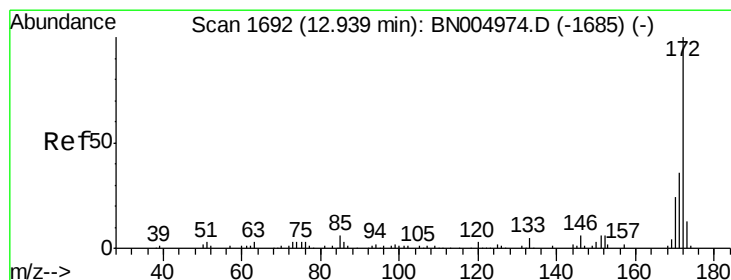
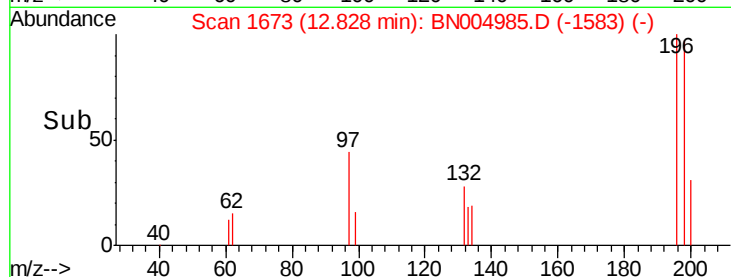
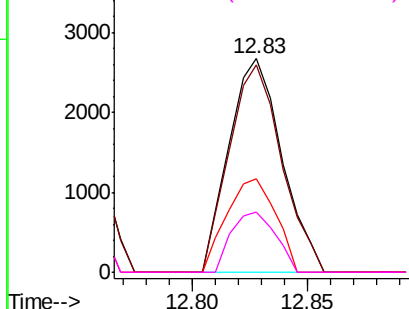
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

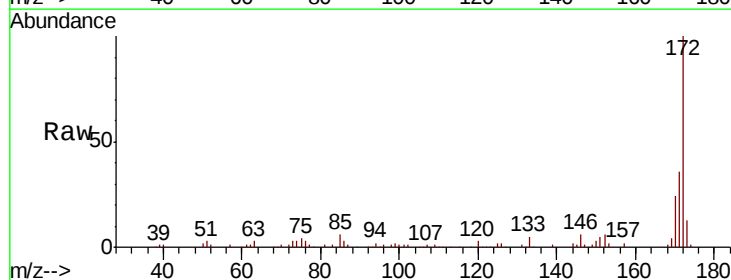
Ion 97.00 (96.70 to 97.70): BNC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.735 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.7	18.9	28.3

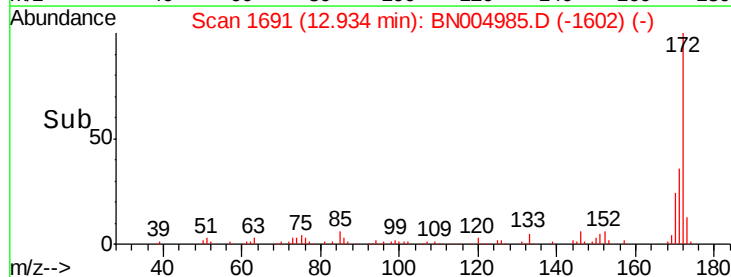
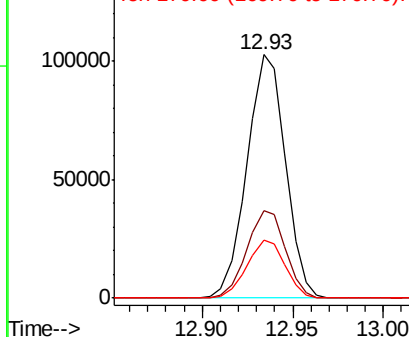


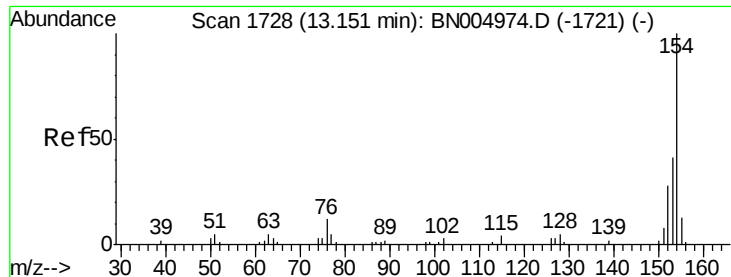
Abundance

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

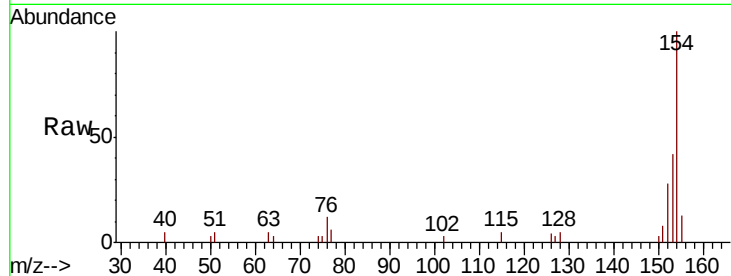




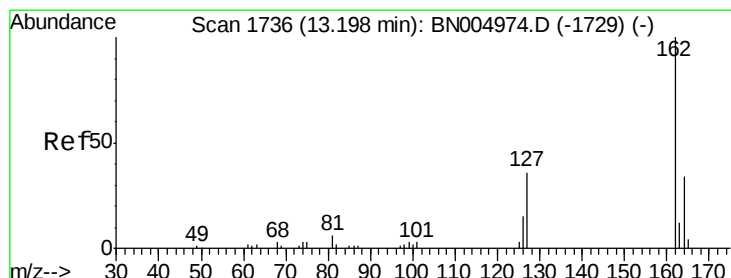
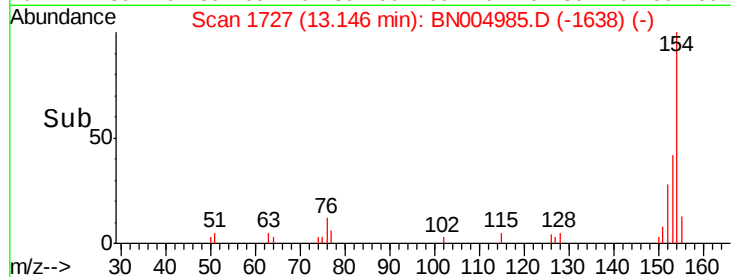
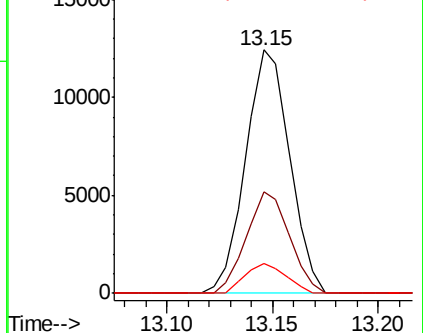
#46
 1,1'-Biphenyl
 Concen: 8.450 ng
 RT: 13.15 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.2	61.2
76	12.1	0.0	32.2

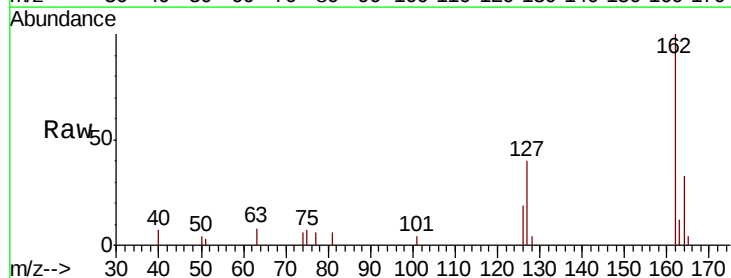


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

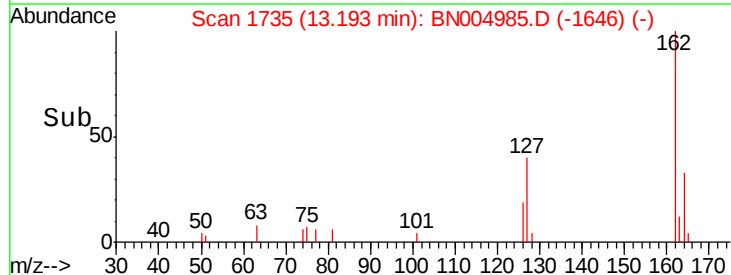
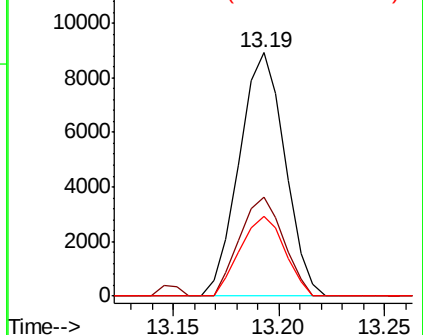


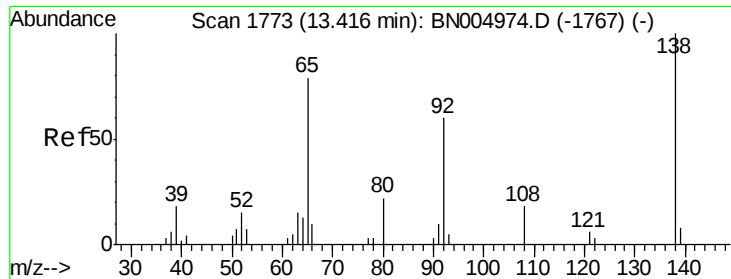
#47
 2-Chloronaphthalene
 Concen: 8.188 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	32.9	26.8	40.2



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

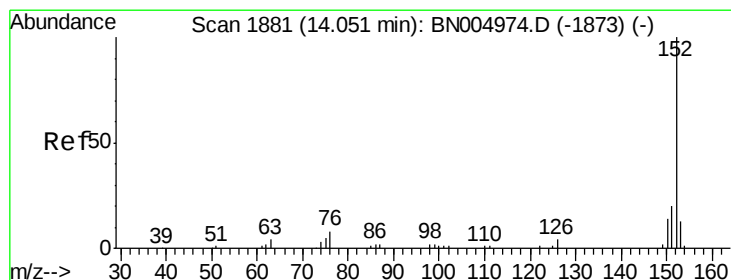
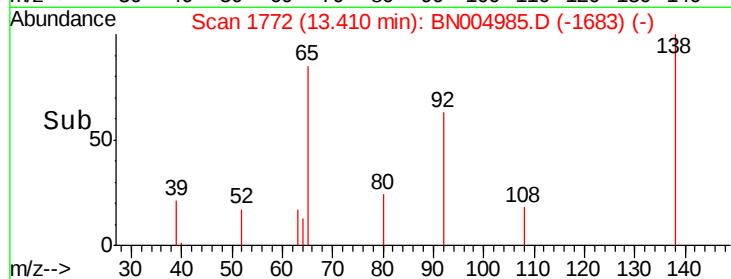
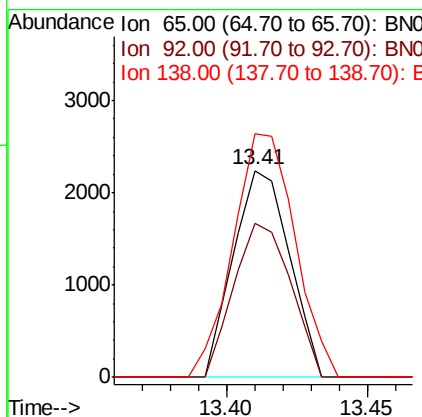
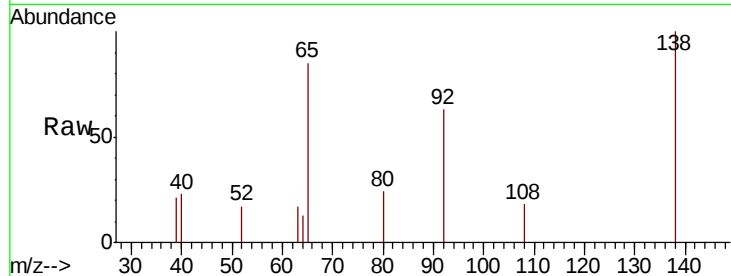




#48
2-Nitroaniline
Concen: 7.086 ng
RT: 13.41 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

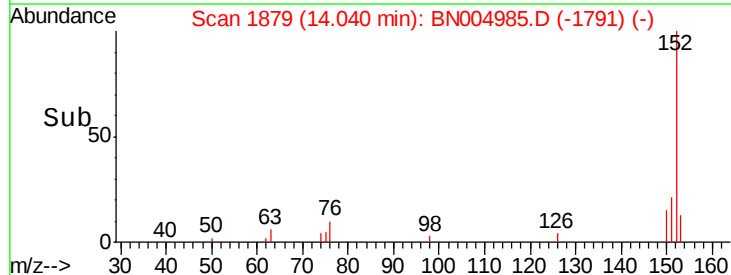
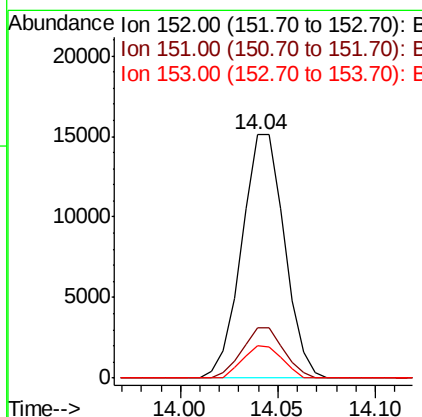
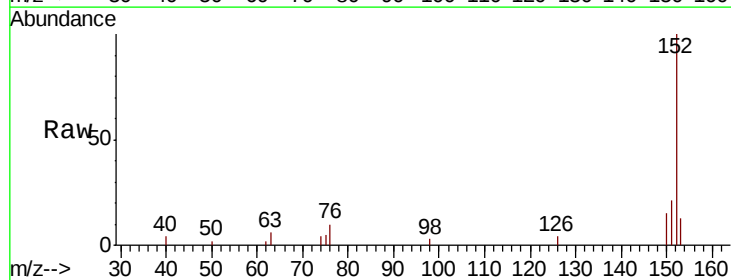
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

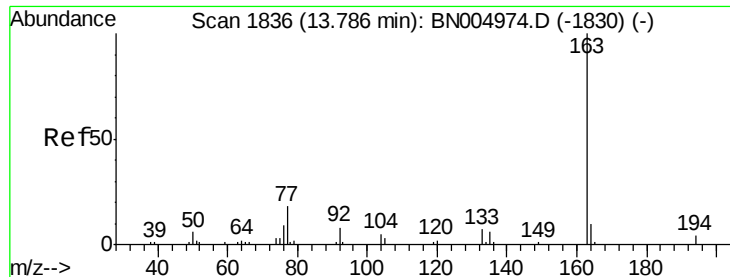
Tot Ion: 65 Resp: 3090
Ion Ratio Lower Upper
65 100
92 74.3 60.2 90.4
138 117.7 101.1 151.7



#49
Acenaphthylene
Concen: 8.333 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 152 Resp: 22961
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 13.5 10.3 15.5





#50

Dimethylphthalate

Concen: 8.570 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

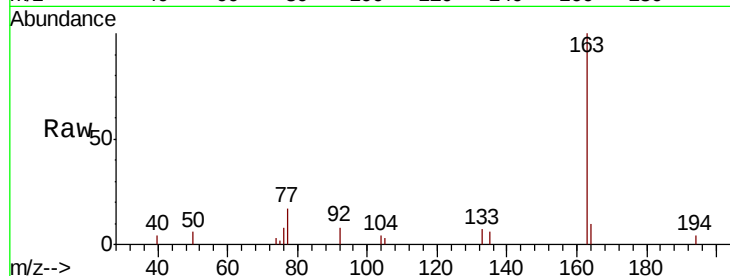
Tot Ion:163 Resp: 17759

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

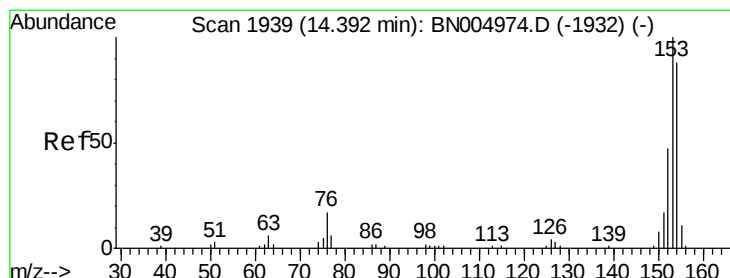
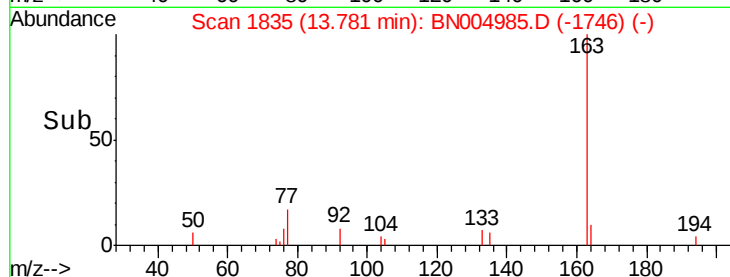
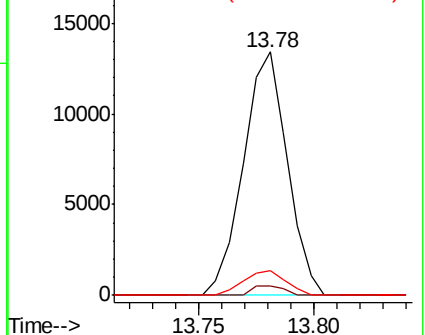
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 8.405 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

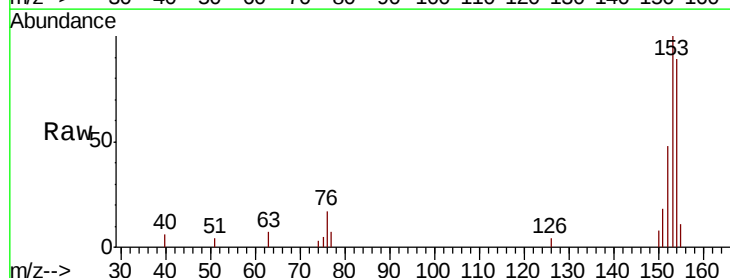
Tgt Ion:154 Resp: 13027

Ion Ratio Lower Upper

154 100

153 112.6 91.0 136.4

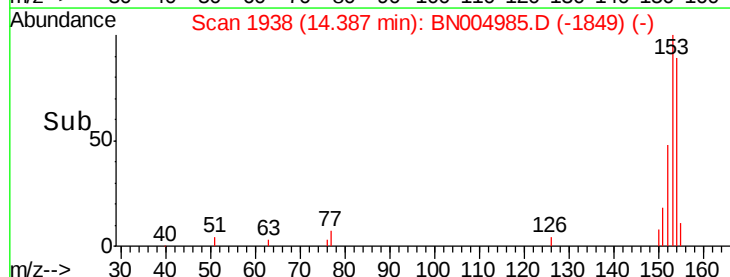
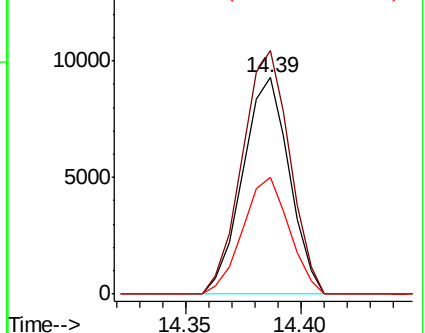
152 53.8 43.0 64.4

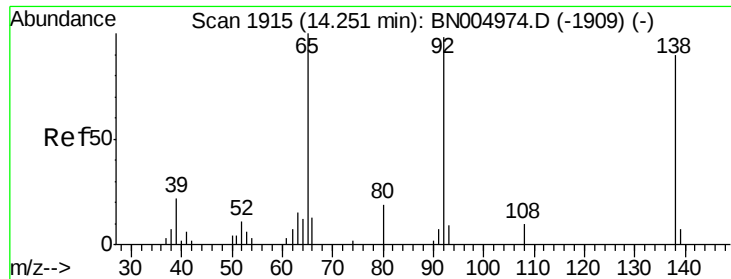


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

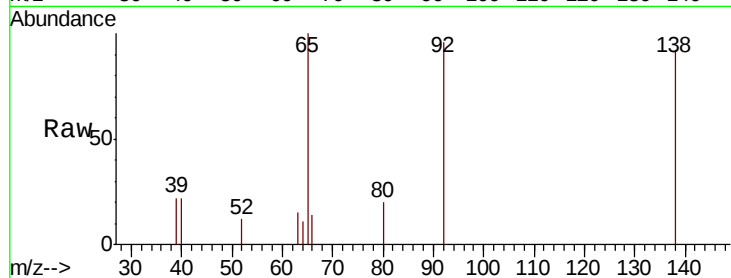




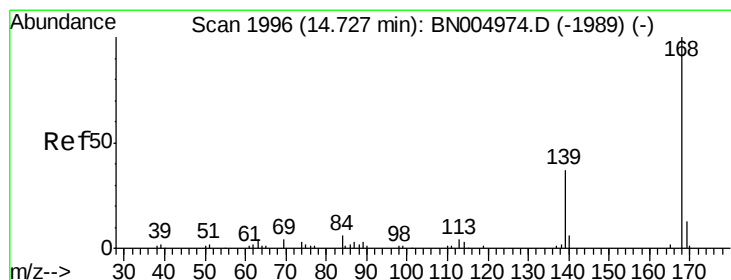
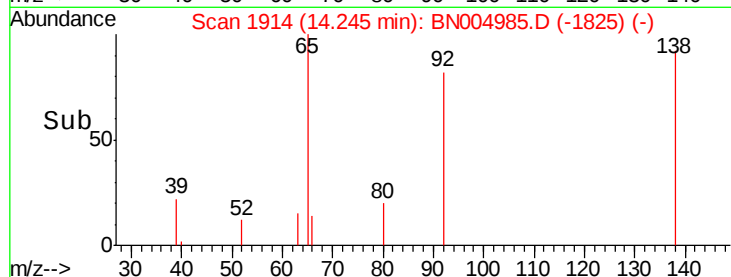
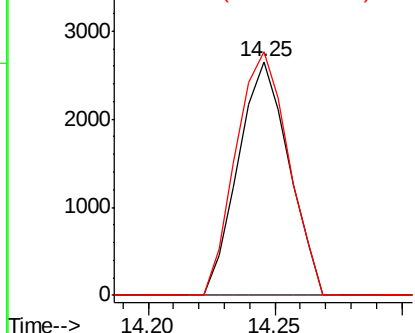
#53
3-Nitroaniline
Concen: 7.650 ng
RT: 14.25 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:138 Resp: 3687
Ion Ratio Lower Upper
138 100
108 0.0 8.6 12.8#
92 104.2 86.9 130.3

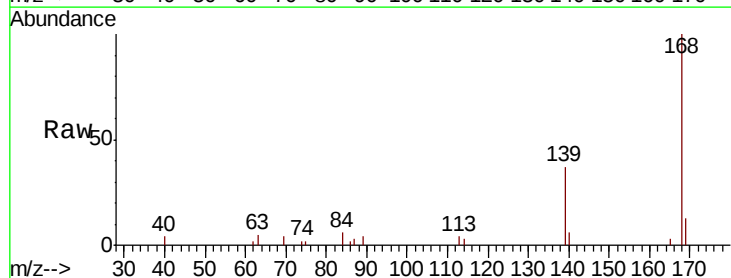


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

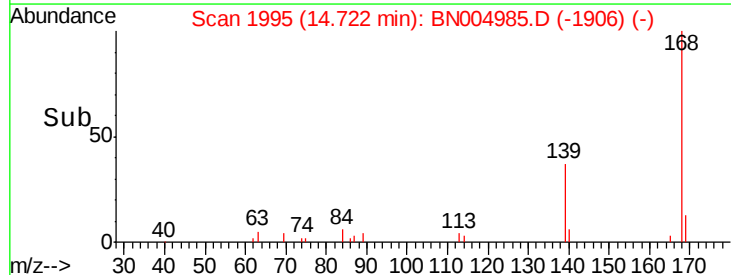
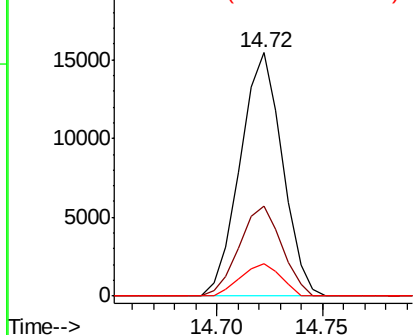


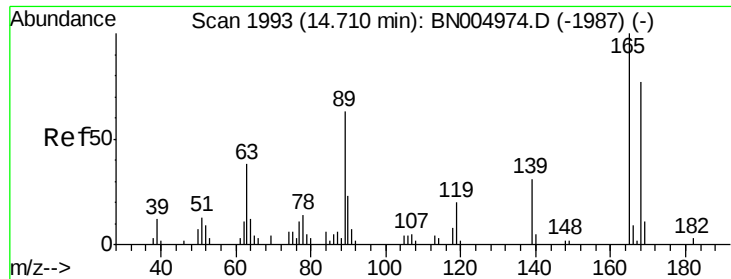
#55
Dibenzofuran
Concen: 8.672 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:168 Resp: 21389
Ion Ratio Lower Upper
168 100
139 37.0 29.9 44.9
169 13.1 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

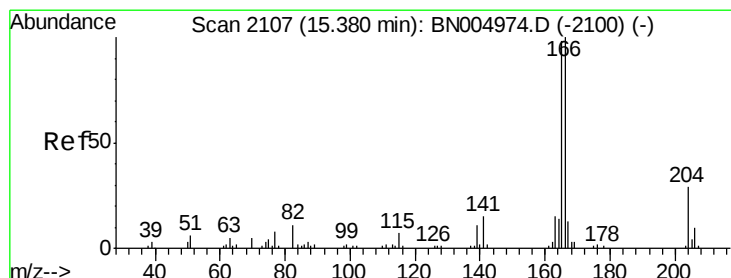
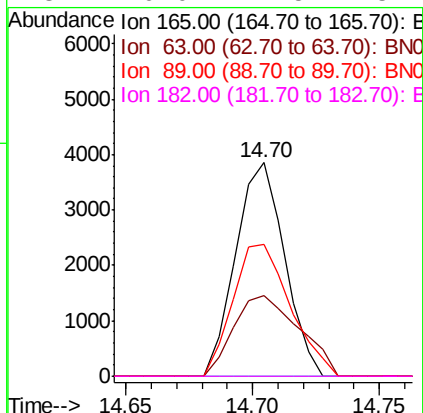
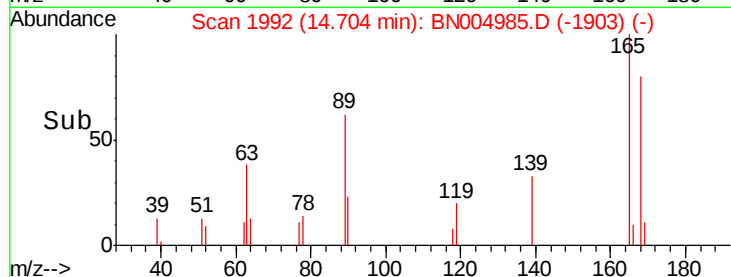
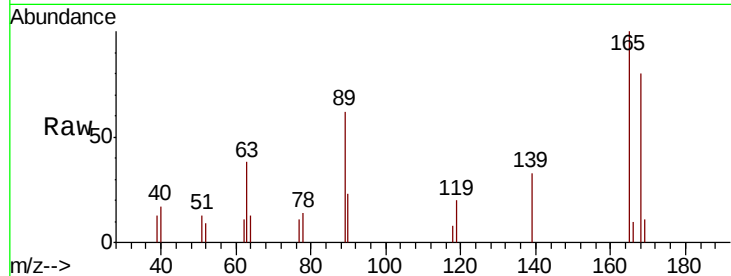




#57
2,4-Dinitrotoluene
Concen: 8.061 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

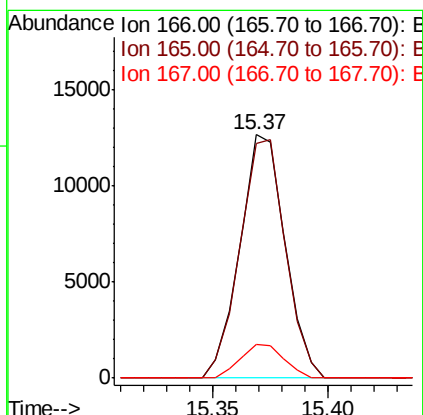
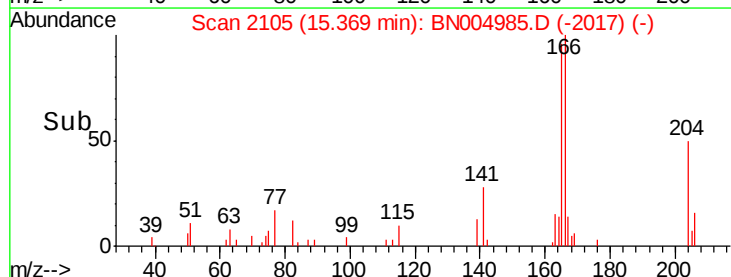
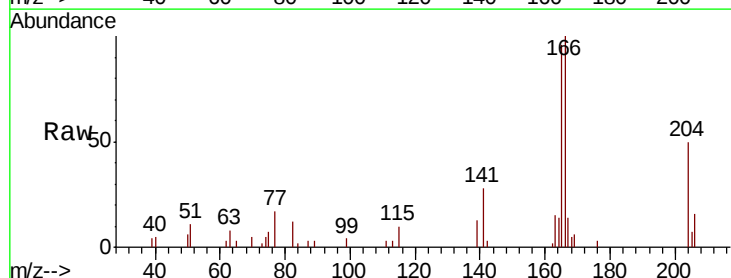
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

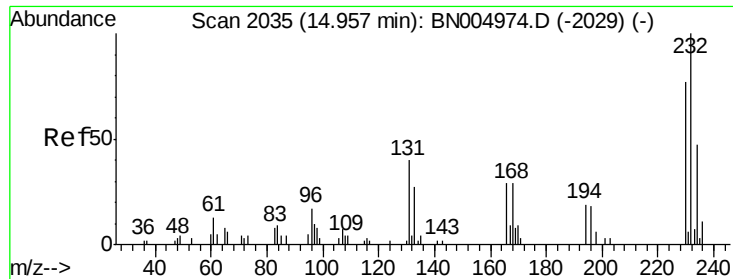
Tot Ion:165 Resp: 5166
Ion Ratio Lower Upper
165 100
63 37.6 30.4 45.6
89 62.0 50.7 76.1
182 0.0 2.5 3.7#



#58
Fluorene
Concen: 8.657 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:166 Resp: 17248
Ion Ratio Lower Upper
166 100
165 96.4 78.3 117.5
167 13.6 10.6 15.8

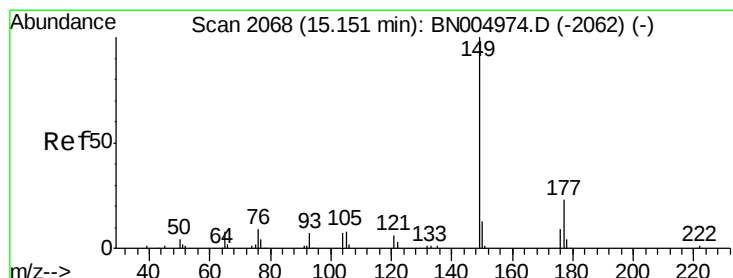
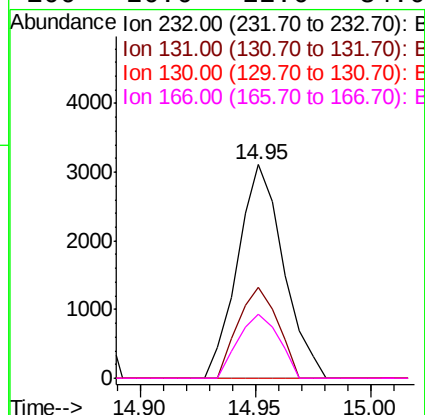
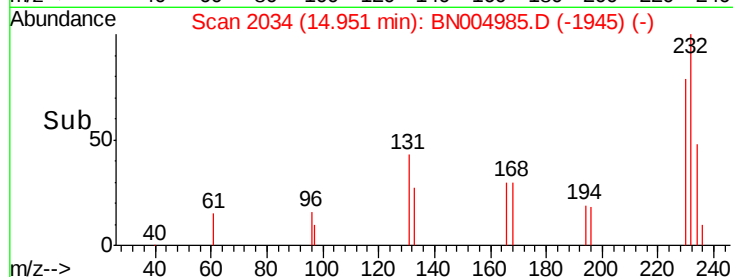
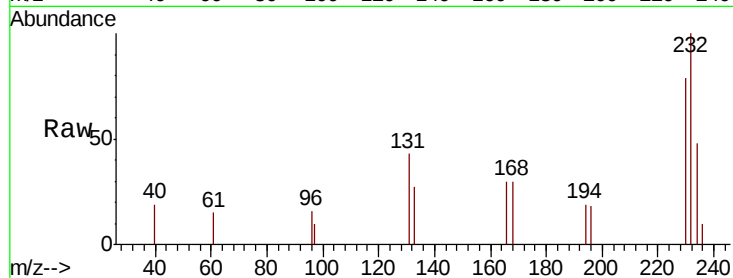




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.695 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

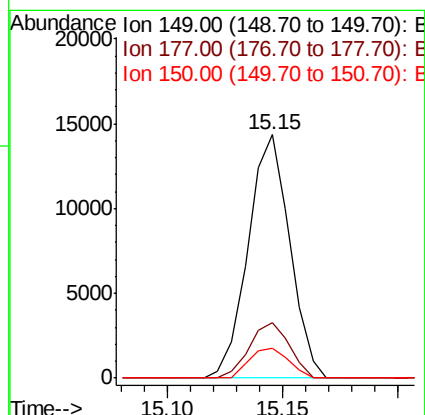
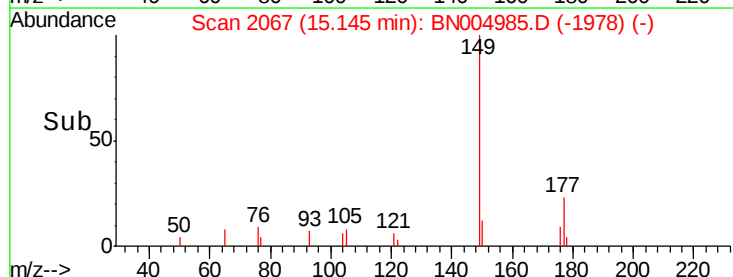
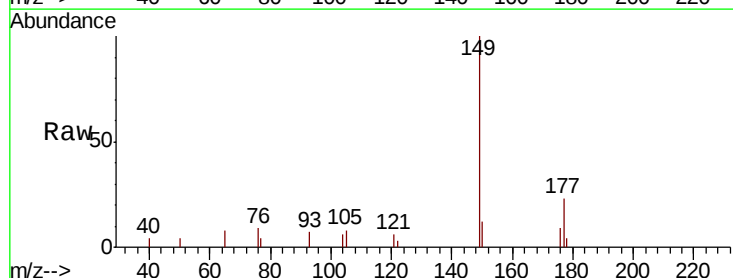
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

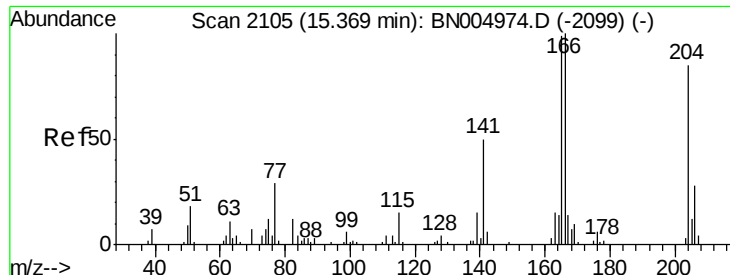
Tot Ion:232 Resp: 4315
 Ion Ratio Lower Upper
 232 100
 131 37.1 32.4 48.6
 130 0.0 0.9 1.3#
 166 26.6 22.6 34.0



#60
 Diethylphthalate
 Concen: 8.730 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:149 Resp: 18052
 Ion Ratio Lower Upper
 149 100
 177 22.9 18.1 27.1
 150 12.1 10.1 15.1

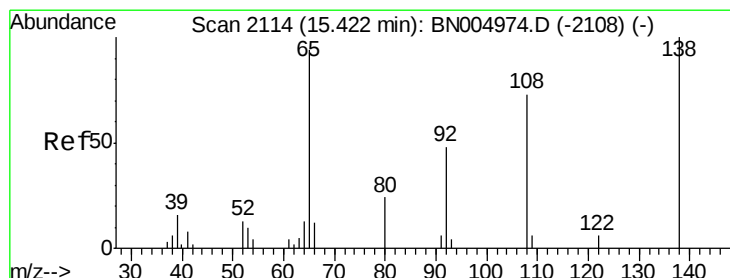
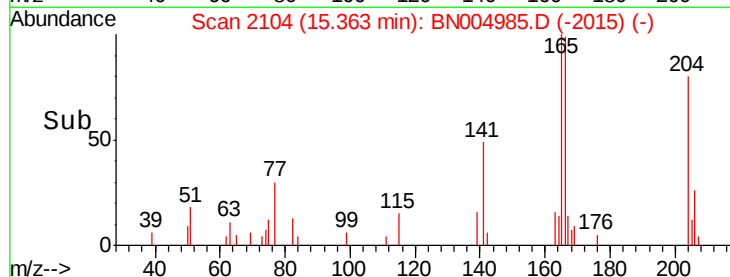
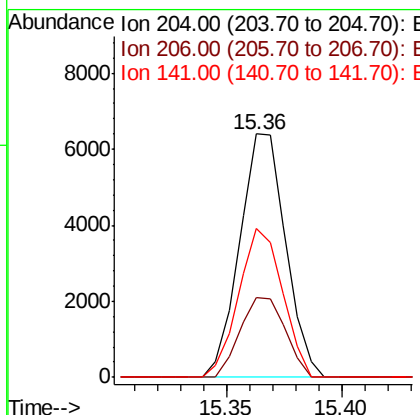
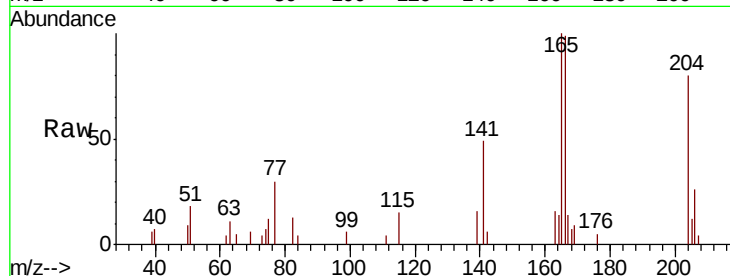




#61
 4-Chlorophenyl-phenylether
 Concen: 8.657 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

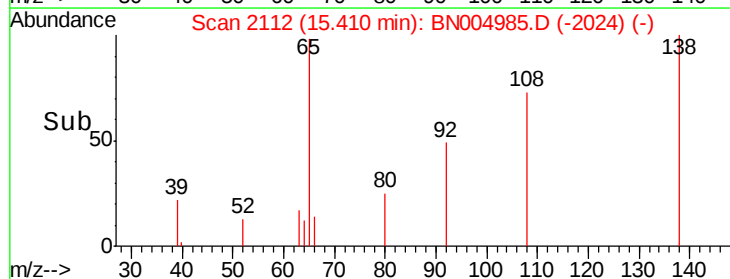
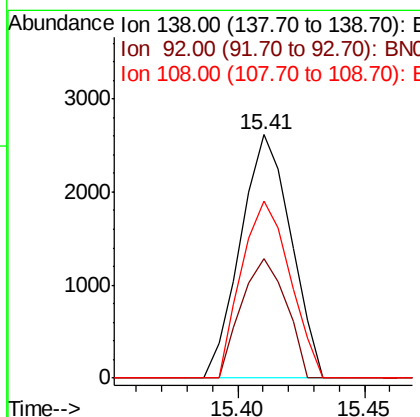
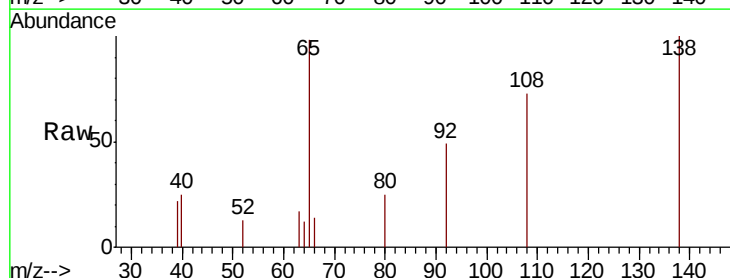
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

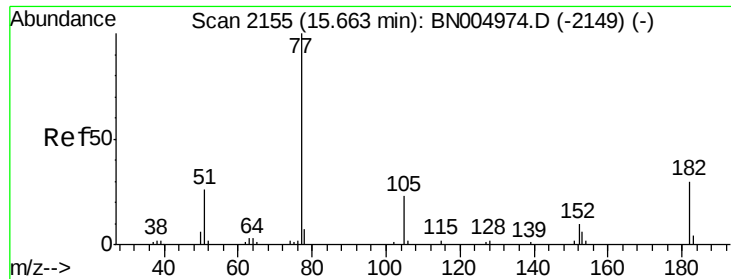
Tot Ion:204 Resp: 8898
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.5 39.7
 141 61.0 47.2 70.8



#62
 4-Nitroaniline
 Concen: 7.501 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:138 Resp: 3632
 Ion Ratio Lower Upper
 138 100
 92 48.8 26.4 66.4
 108 72.6 50.8 90.8

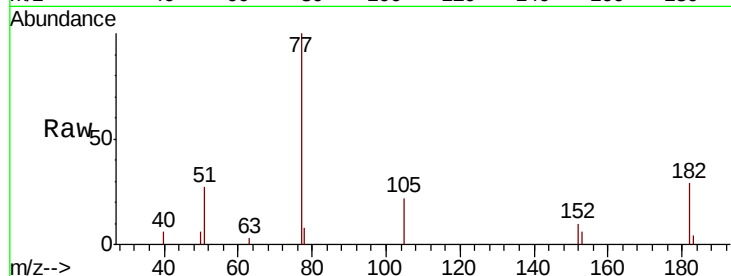




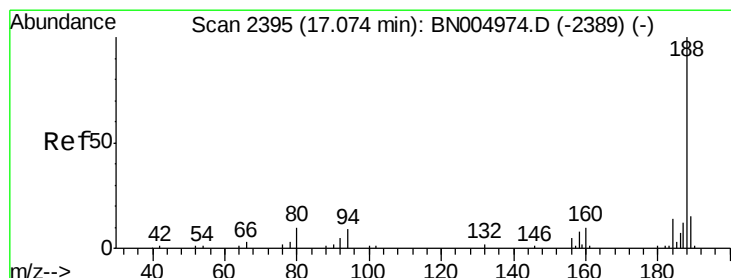
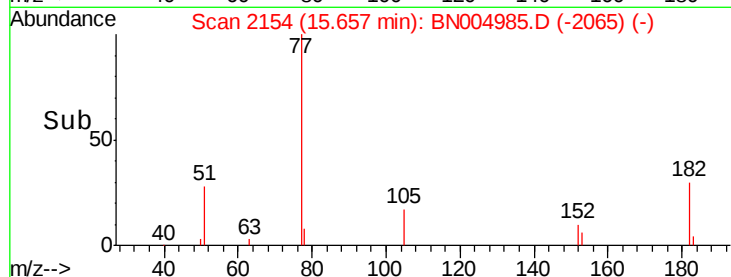
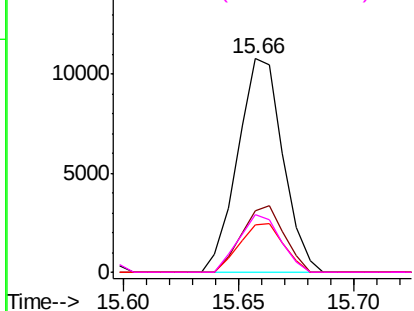
#63
Azobenzene
Concen: 8.558 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion: 77 Resp: 14732
Ion Ratio Lower Upper
77 100
182 28.8 10.0 50.0
105 22.4 2.9 42.9
51 26.8 6.0 46.0

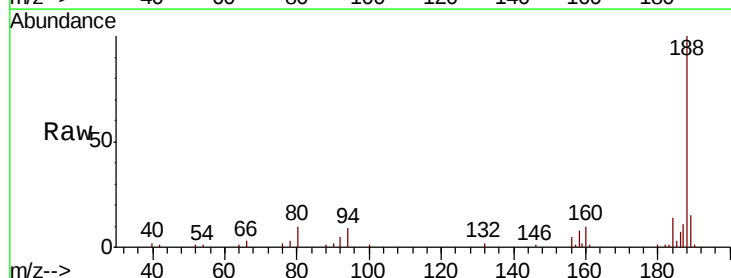


Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BN0

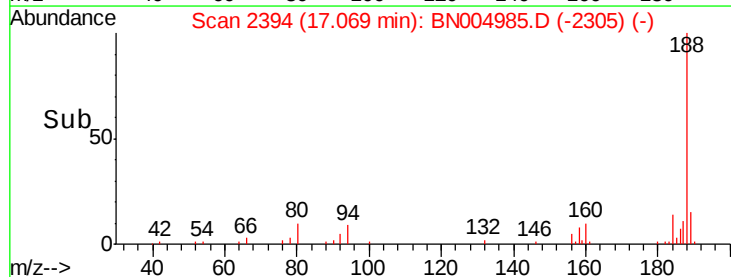
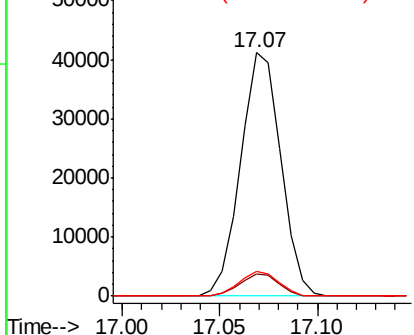


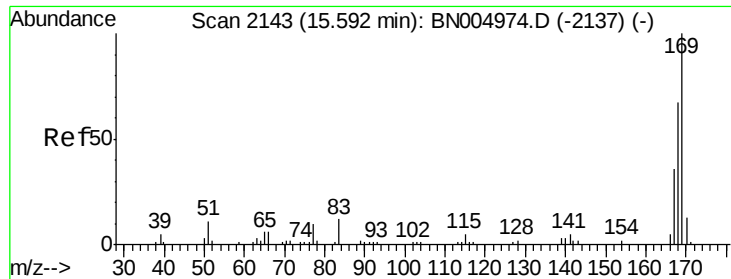
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion: 188 Resp: 58762
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.1 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

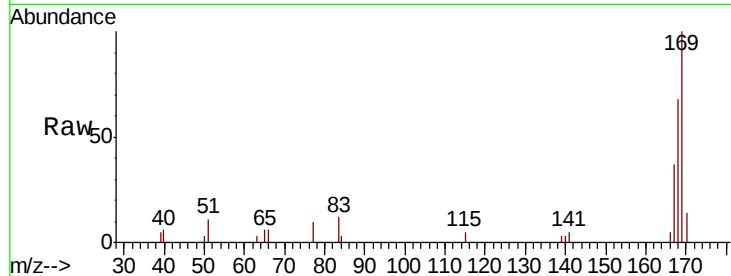




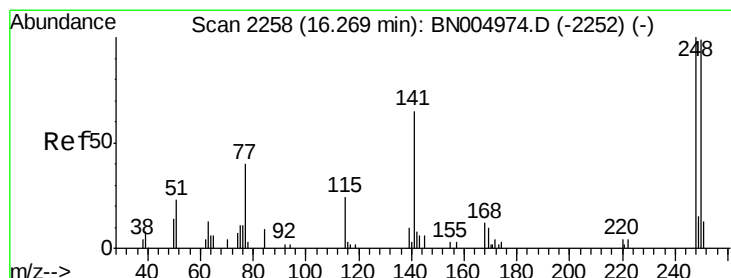
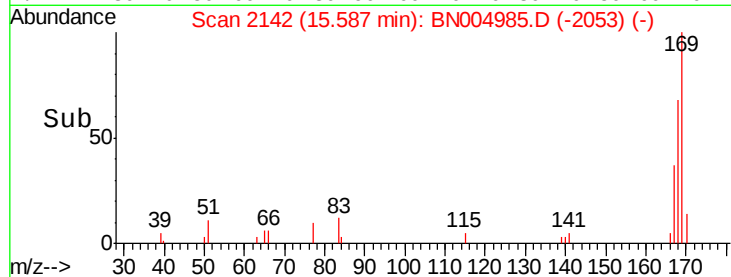
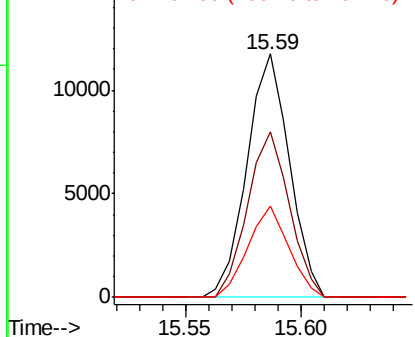
#66
 n-Nitrosodiphenylamine
 Concen: 8.165 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:169 Resp: 15114
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.4 80.2
 167 37.3 28.9 43.3

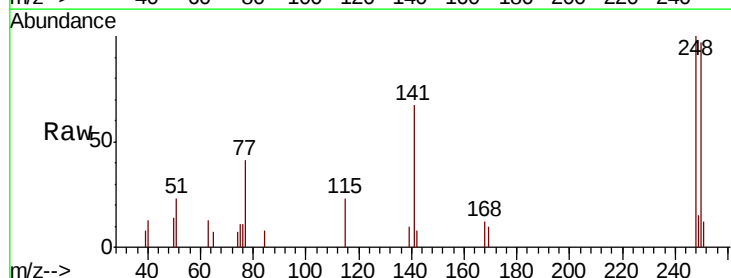


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

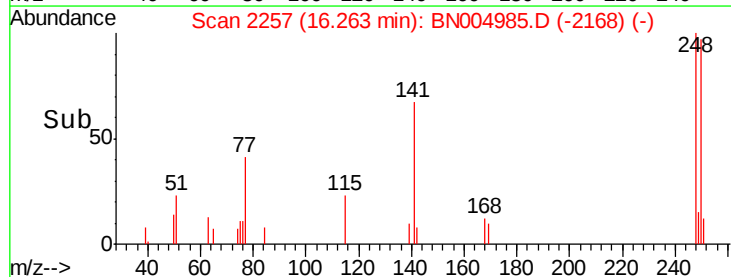
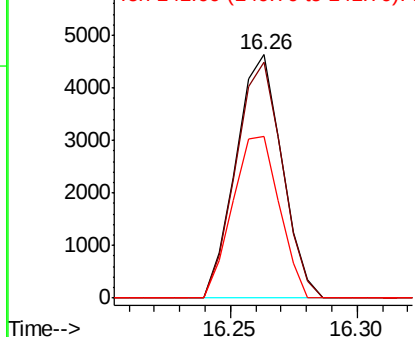


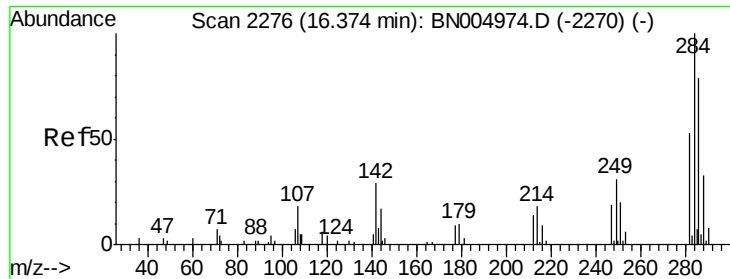
#67
 4-Bromophenyl-phenylether
 Concen: 8.009 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:248 Resp: 5873
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.4 119.2
 141 66.7 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: 8.022 ng

RT: 16.37 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

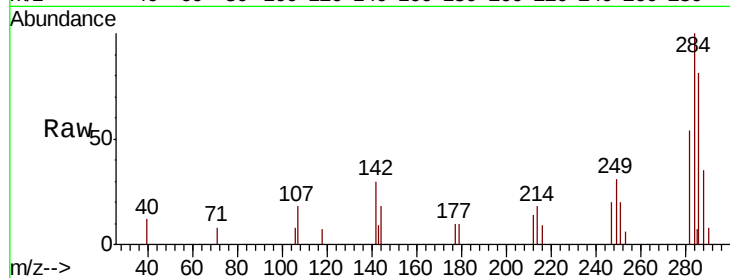
Tot Ion:284 Resp: 6892

Ion Ratio Lower Upper

284 100

142 30.3 23.5 35.3

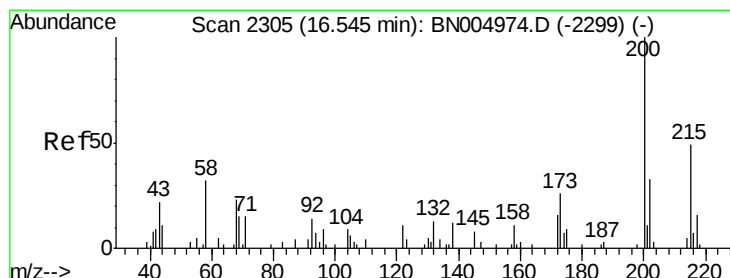
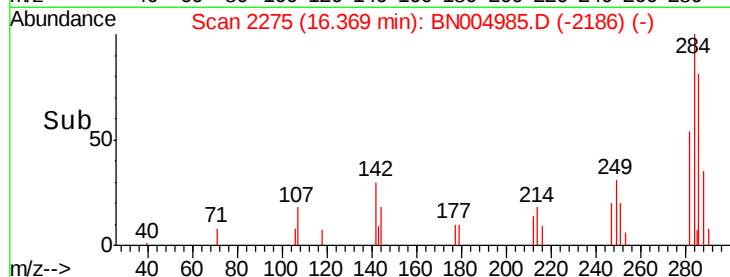
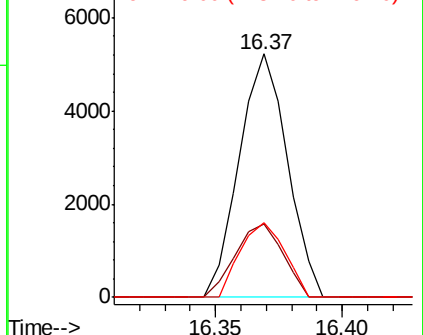
249 30.9 24.5 36.7



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: 8.228 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

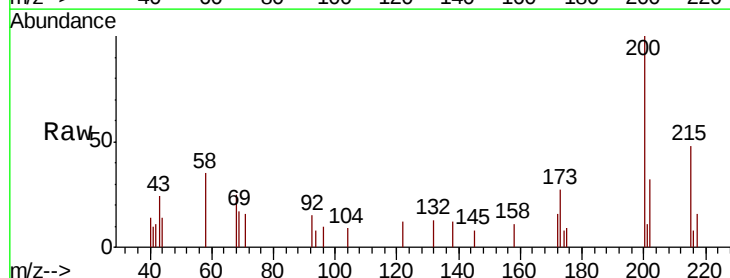
Tgt Ion:200 Resp: 5441

Ion Ratio Lower Upper

200 100

173 27.1 6.4 46.4

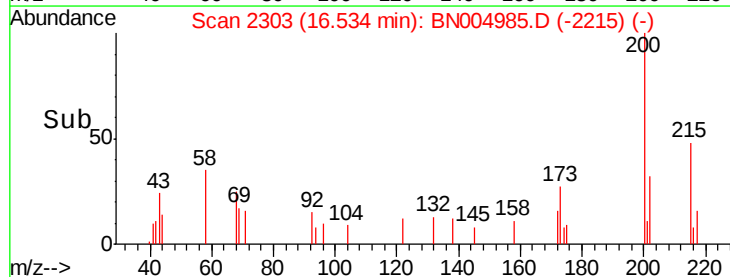
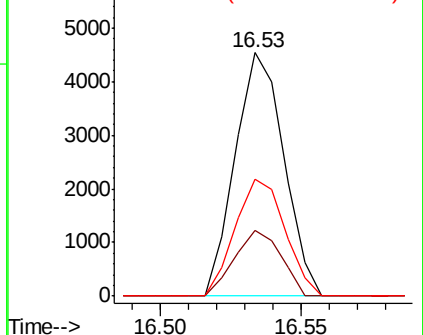
215 47.9 28.8 68.8

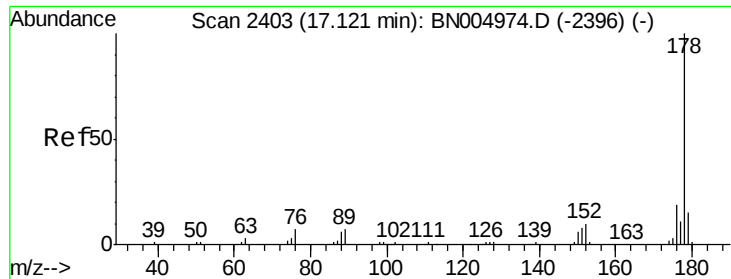


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

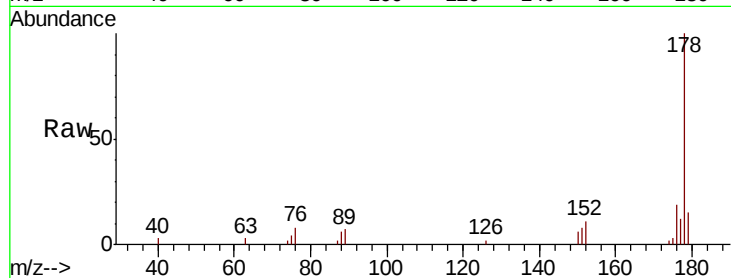




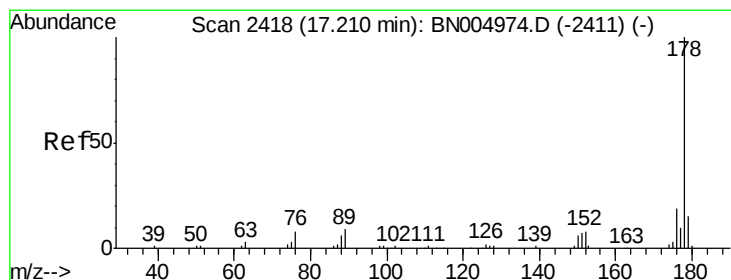
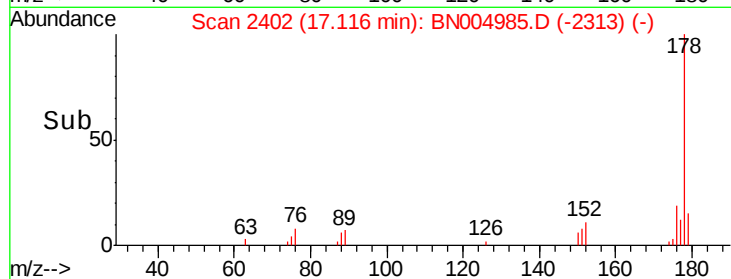
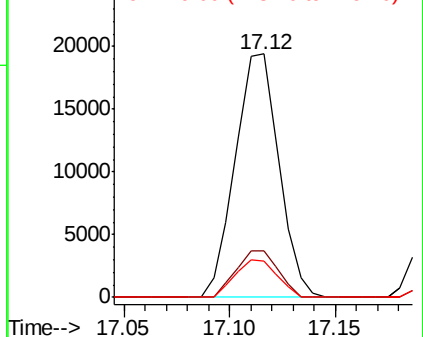
#71
Phenanthrene
Concen: 8.451 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:178 Resp: 27904
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.0 12.3 18.5

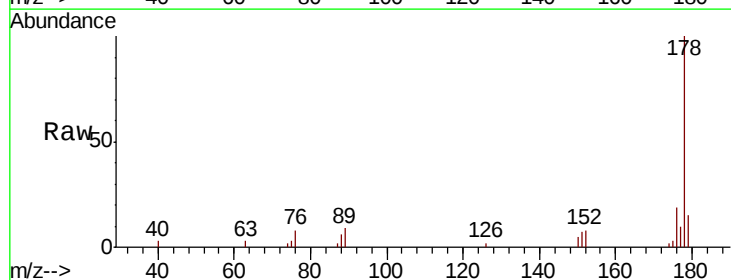


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

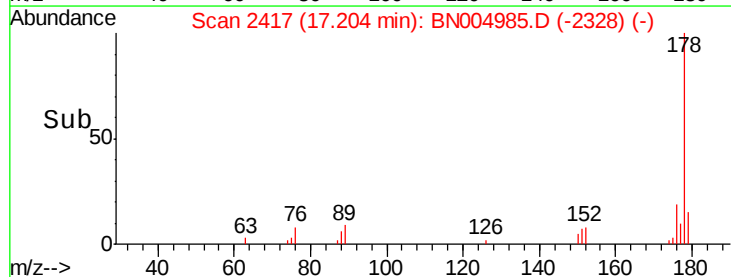
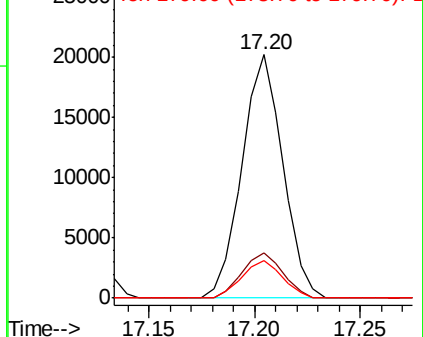


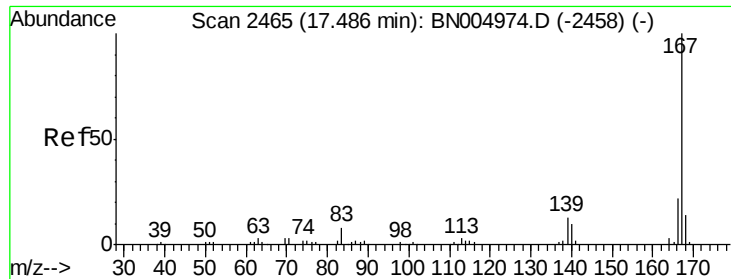
#72
Anthracene
Concen: 8.267 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:178 Resp: 27170
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 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

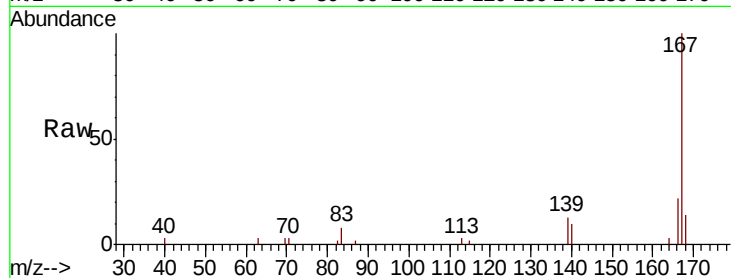




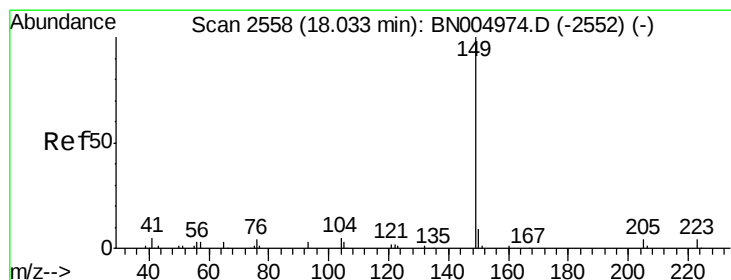
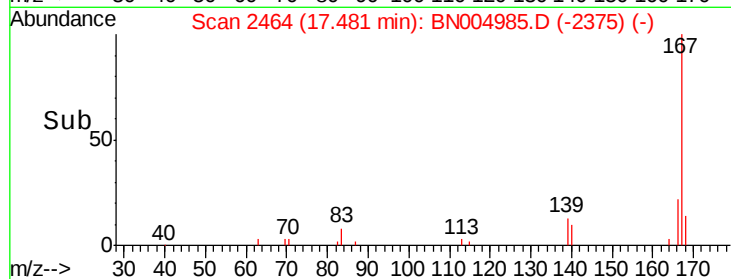
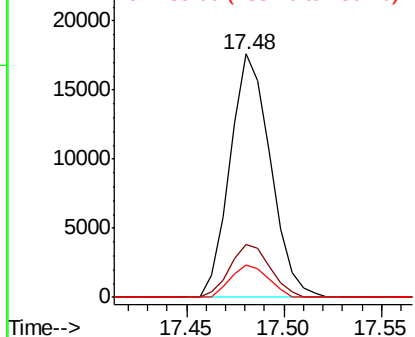
#73
 Carbazole
 Concen: 8.447 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion:167 Resp: 25267
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.1 10.6 16.0

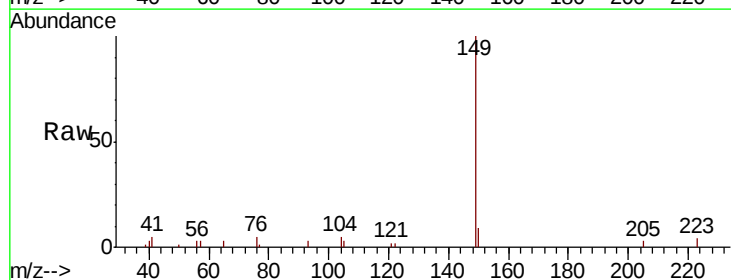


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

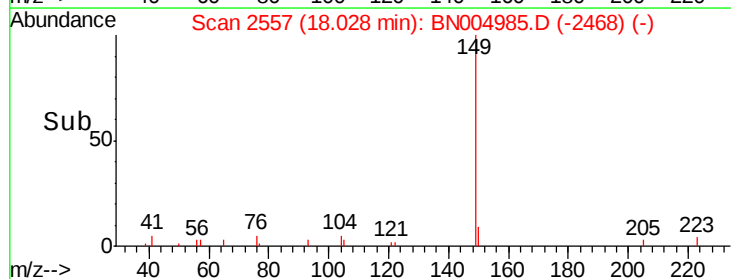
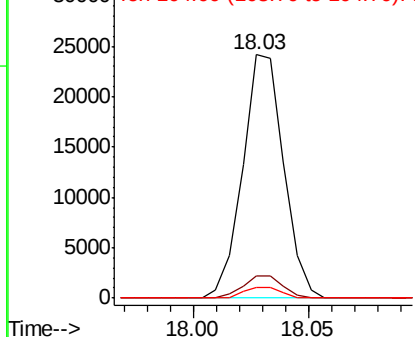


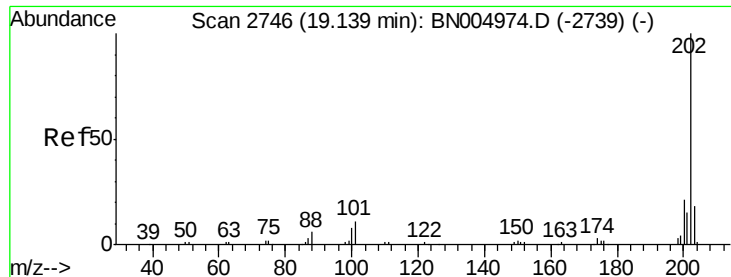
#74
 Di-n-butylphthalate
 Concen: 8.235 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN004985.D
 Acq: 26 Mar 2019 21:21

Tgt Ion:149 Resp: 30009
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.773 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

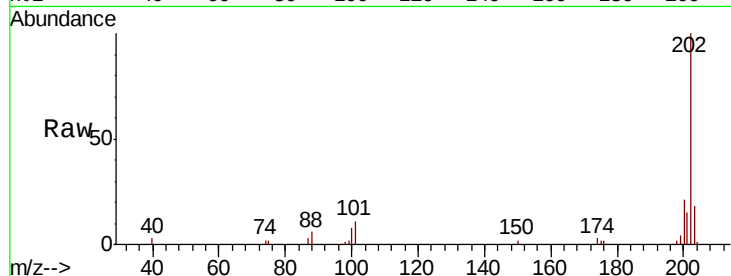
Tot Ion:202 Resp: 33046

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.1

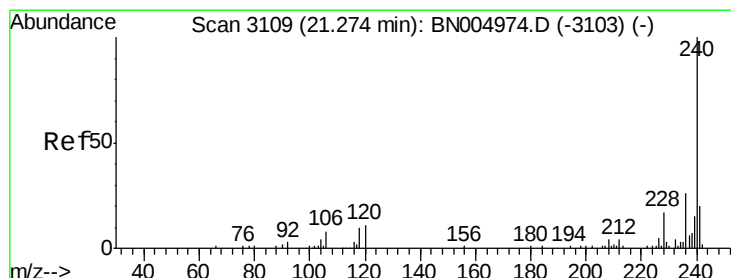
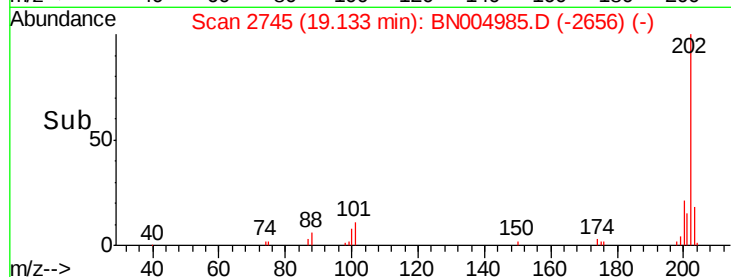
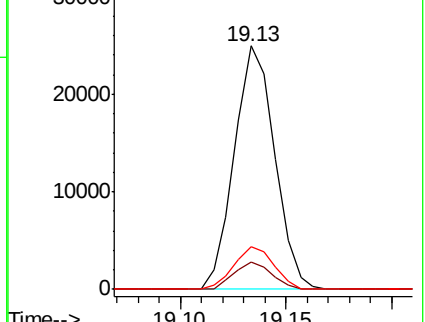
203 17.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

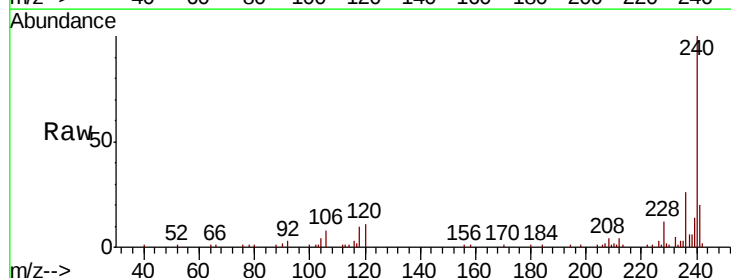
Tgt Ion:240 Resp: 65615

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

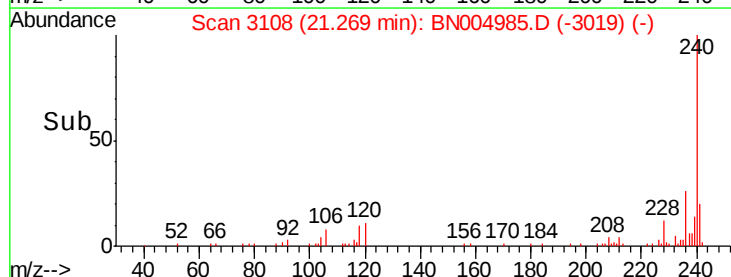
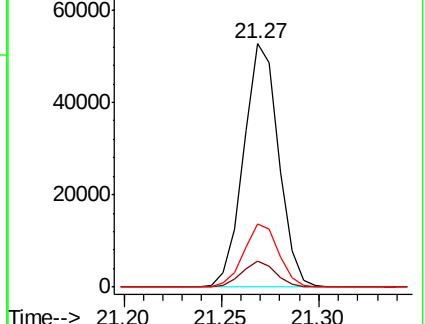
236 26.0 21.2 31.8

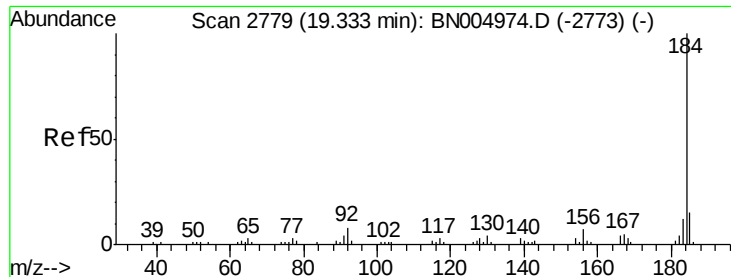


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.926 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

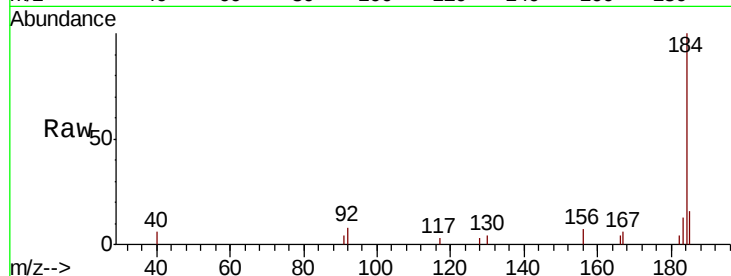
Tot Ion:184 Resp: 14163

Ion Ratio Lower Upper

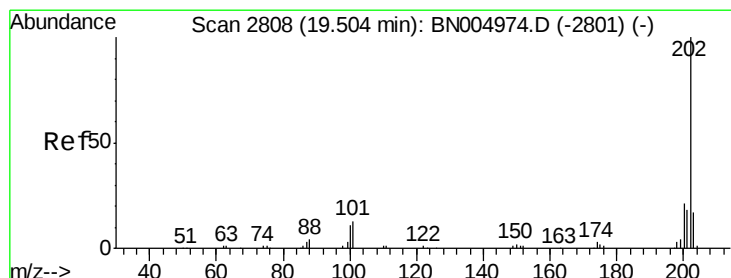
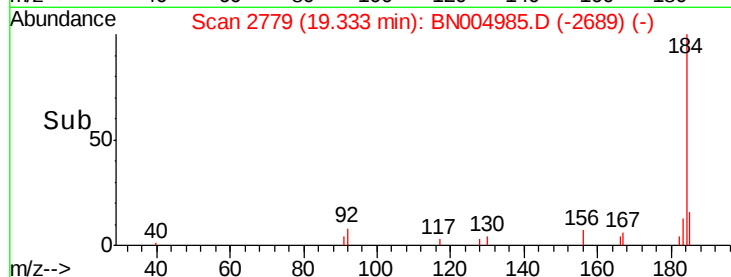
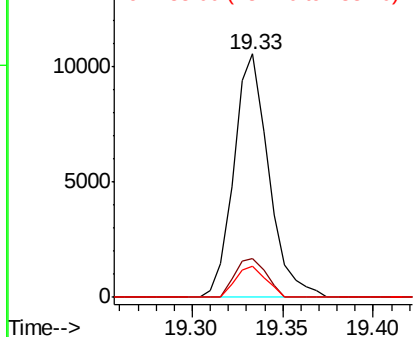
184 100

185 16.0 11.8 17.8

183 12.9 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 7.859 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

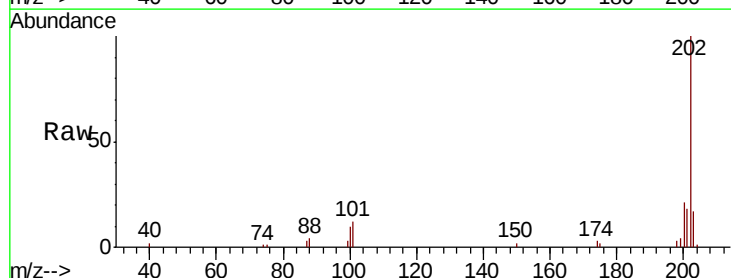
Tgt Ion:202 Resp: 34433

Ion Ratio Lower Upper

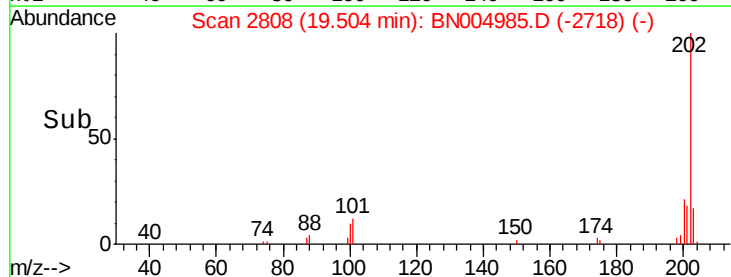
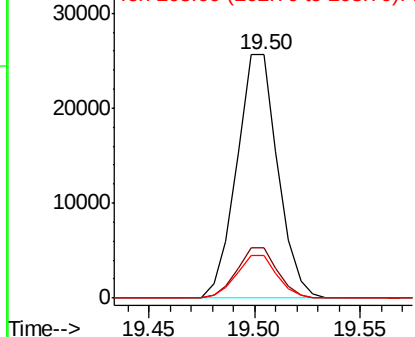
202 100

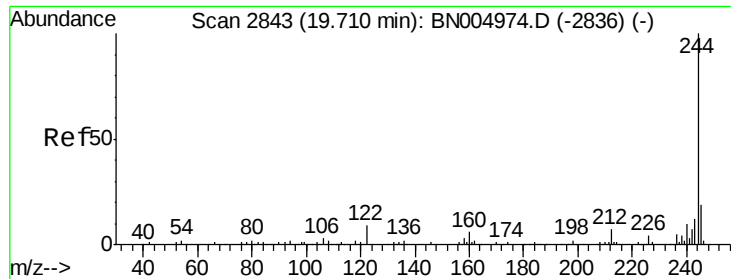
200 20.8 17.0 25.4

203 17.3 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: 76.990 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

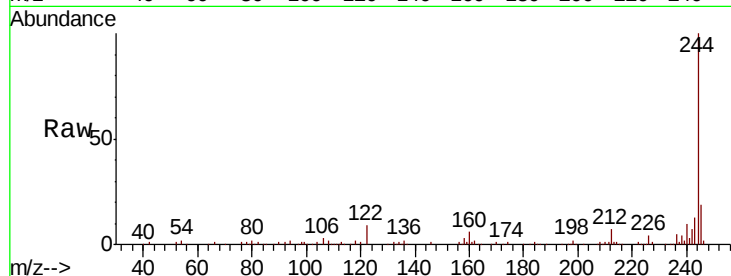
Tot Ion:244 Resp: 262391

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

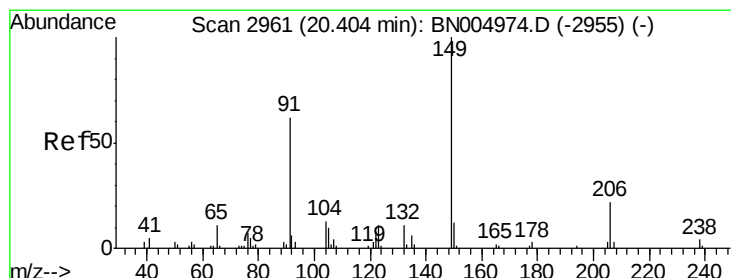
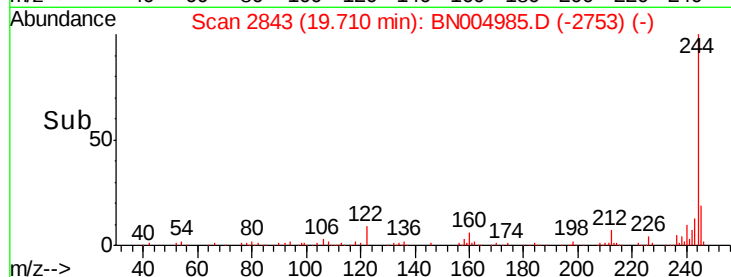
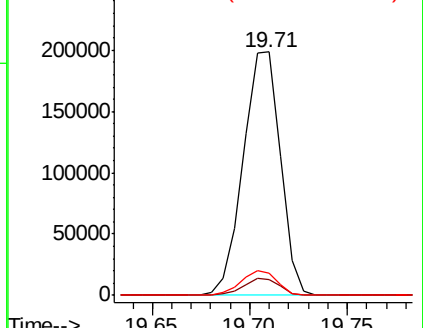
122 9.2 7.4 11.2



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: 7.611 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

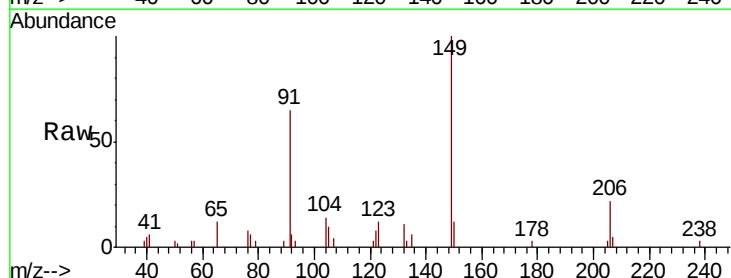
Tgt Ion:149 Resp: 13549

Ion Ratio Lower Upper

149 100

91 65.0 49.3 73.9

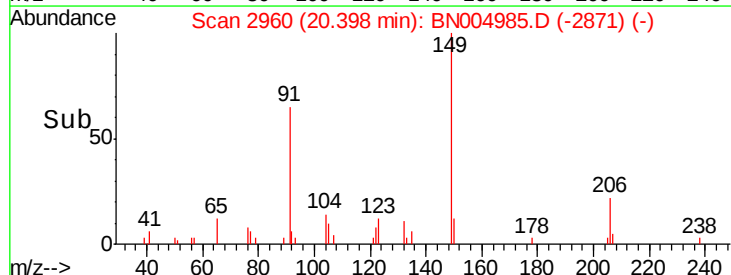
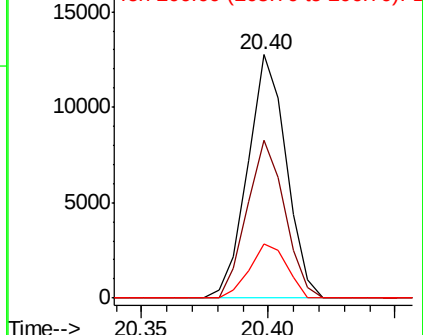
206 22.0 17.9 26.9

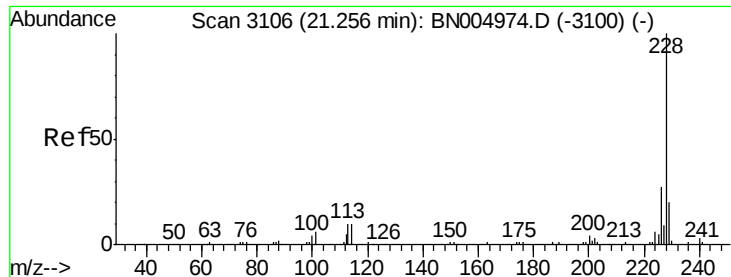


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.483 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

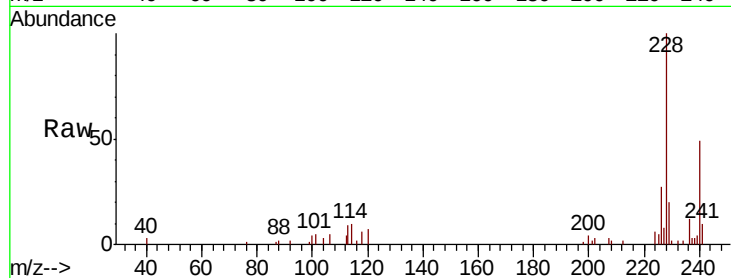
Tot Ion:228 Resp: 34673

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

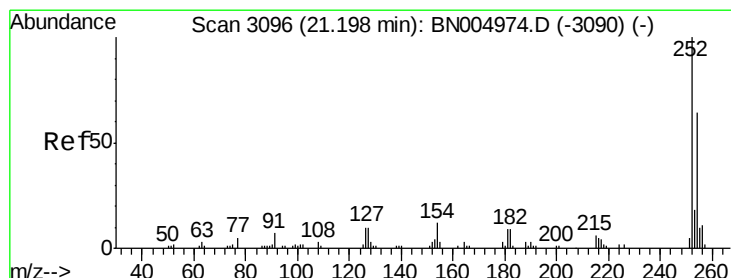
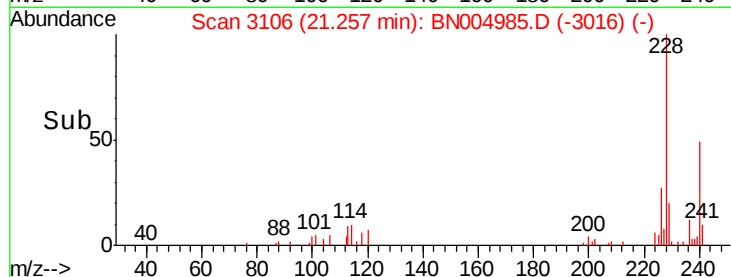
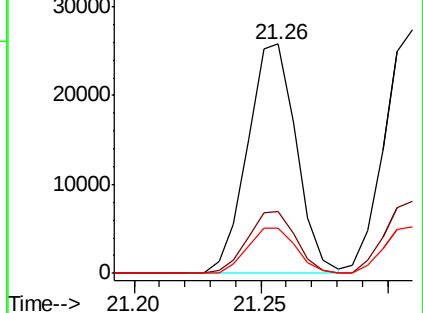
229 19.7 15.9 23.9



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: 8.332 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

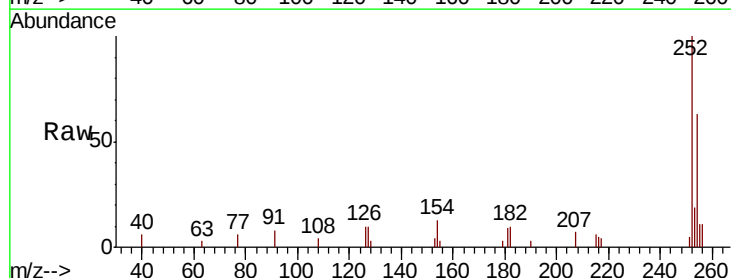
Tgt Ion:252 Resp: 12734

Ion Ratio Lower Upper

252 100

254 63.2 51.5 77.3

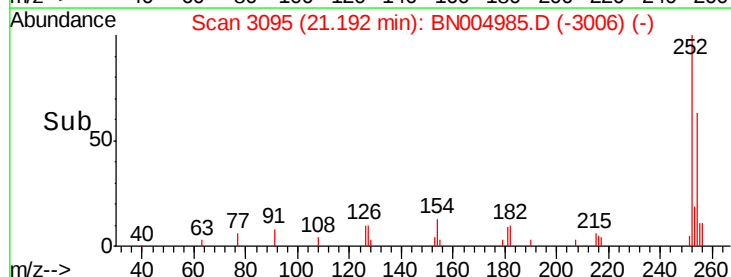
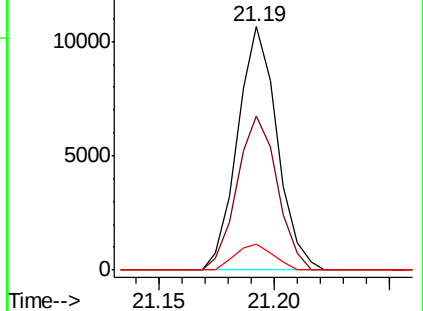
126 10.5 7.9 11.9

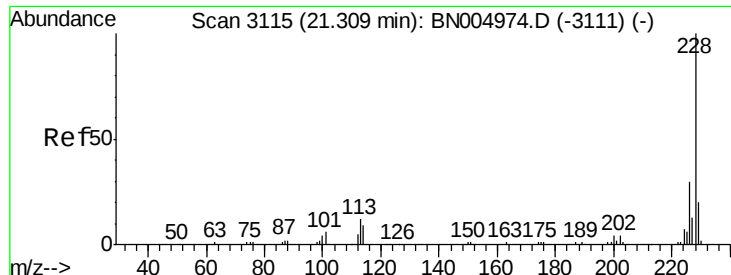


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.619 ng

RT: 21.31 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

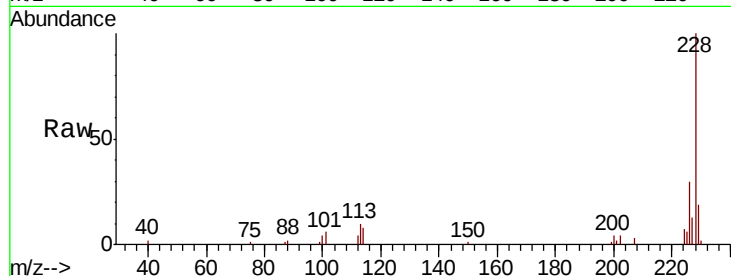
Tot Ion:228 Resp: 33648

Ion Ratio Lower Upper

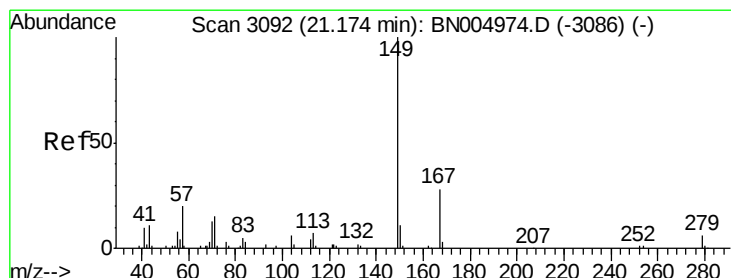
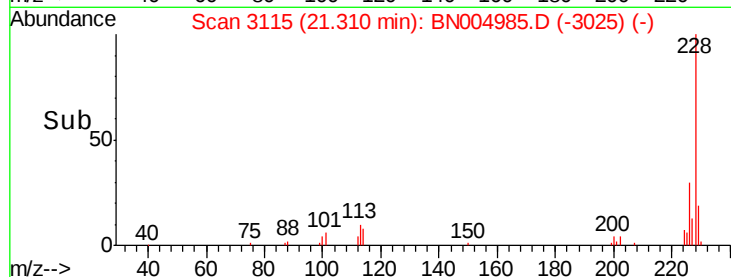
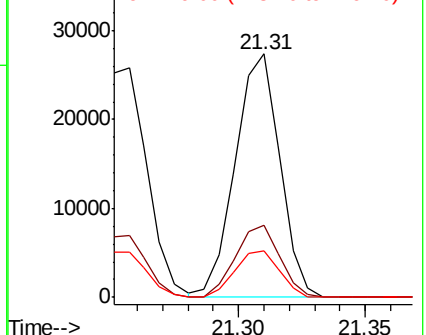
228 100

226 29.8 24.2 36.2

229 19.3 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.165 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

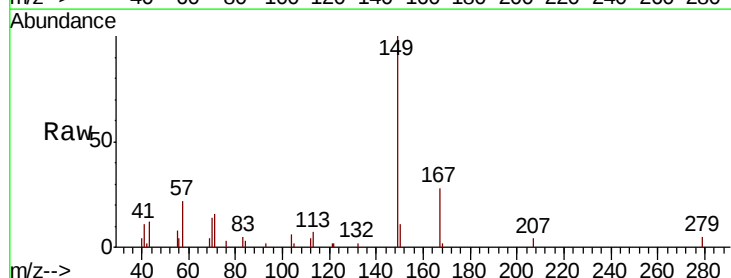
Tgt Ion:149 Resp: 20111

Ion Ratio Lower Upper

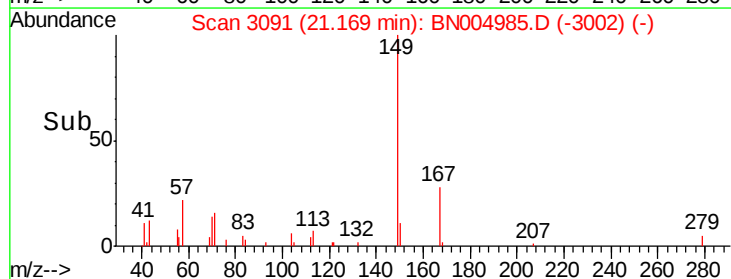
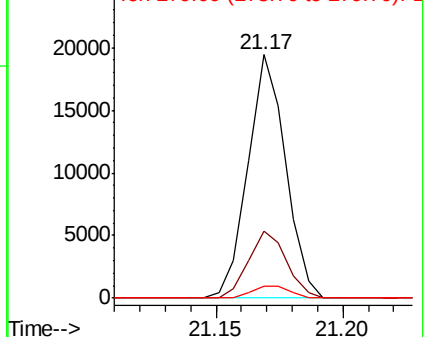
149 100

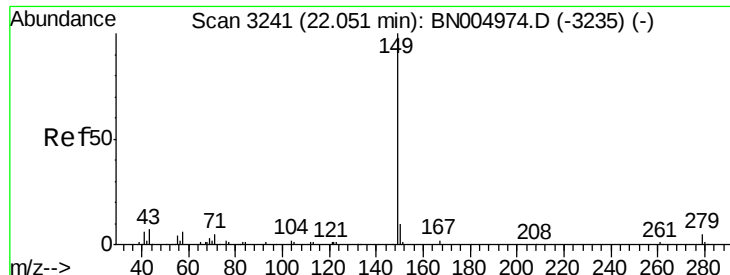
167 27.7 22.5 33.7

279 5.1 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.479 ng

RT: 22.05 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

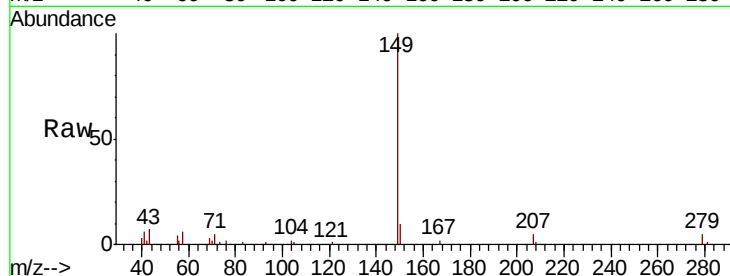
Tot Ion:149 Resp: 33706

Ion Ratio Lower Upper

149 100

167 0.9 1.2 1.8#

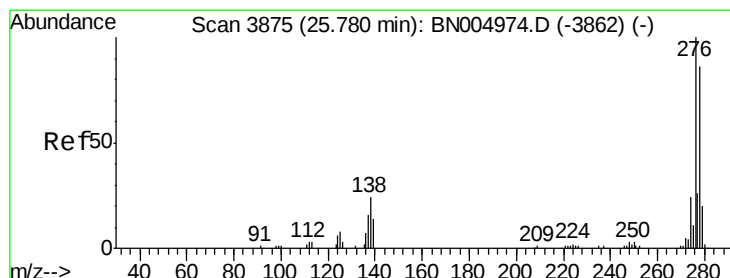
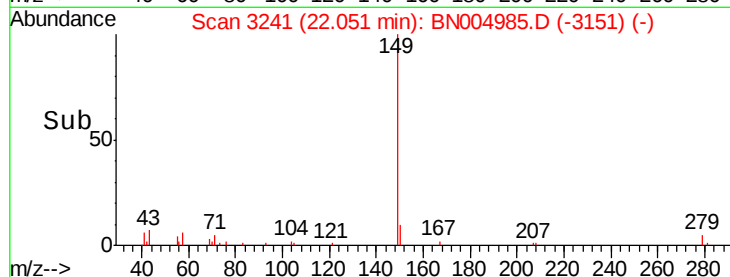
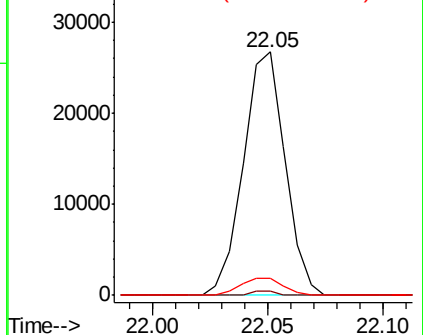
43 7.2 5.8 8.6



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: 7.751 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

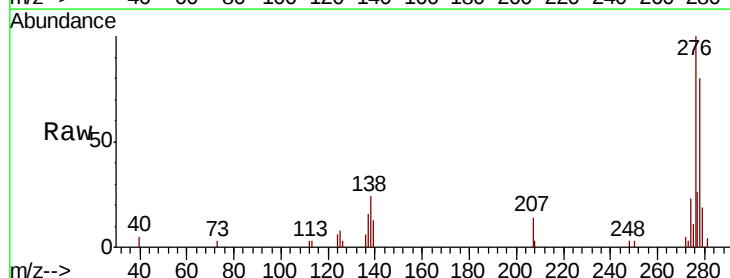
Tgt Ion:276 Resp: 34379

Ion Ratio Lower Upper

276 100

138 22.8 18.5 27.7

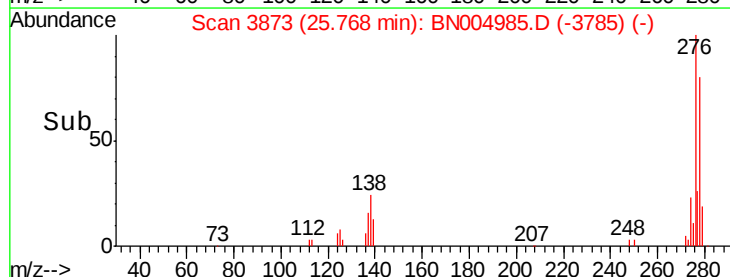
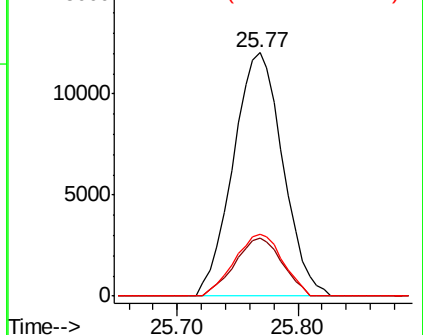
277 24.8 20.4 30.6

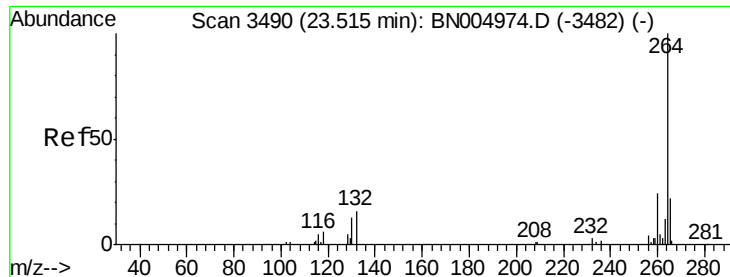


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

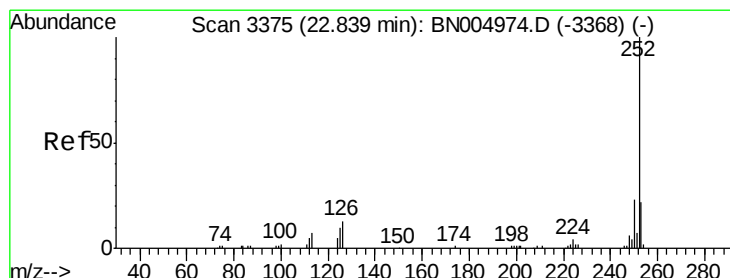
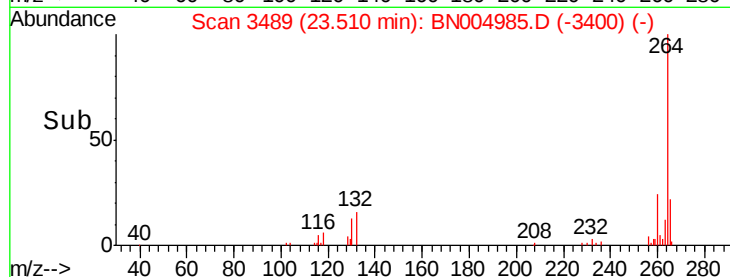
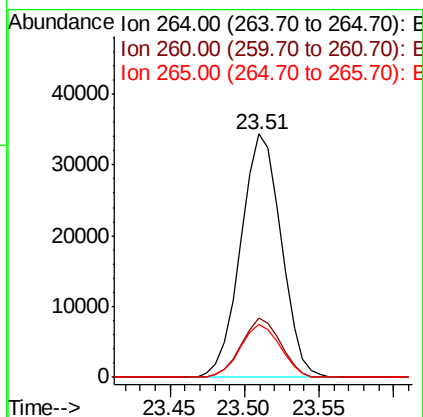
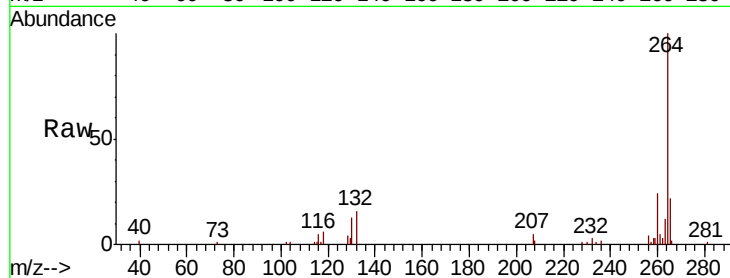




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

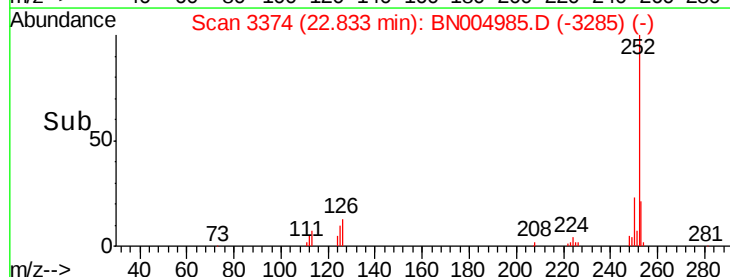
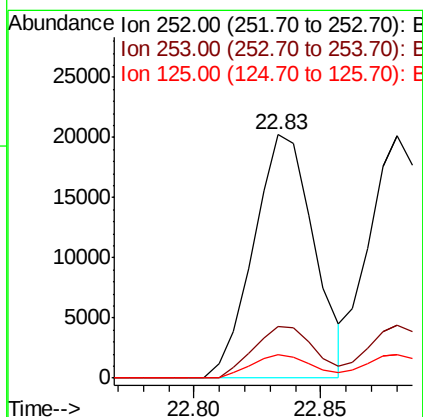
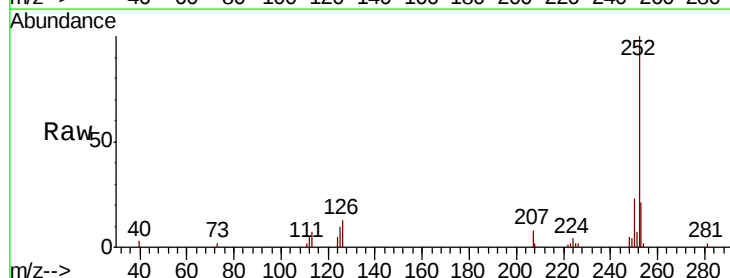
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

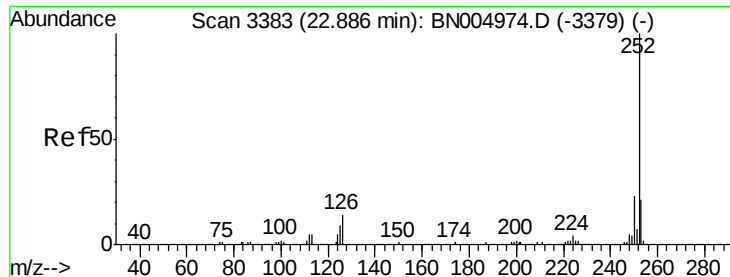
Tot Ion:264 Resp: 64618
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 8.422 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion:252 Resp: 33498
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 9.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 8.765 ng

RT: 22.88 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

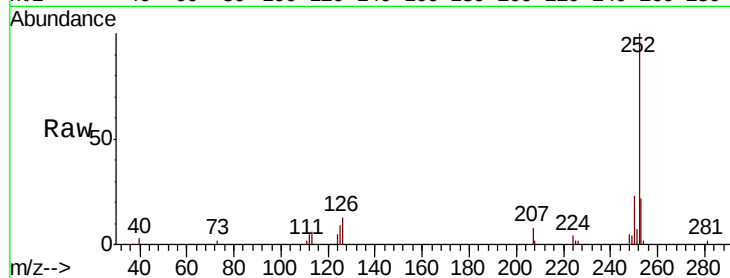
Tot Ion:252 Resp: 31969

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

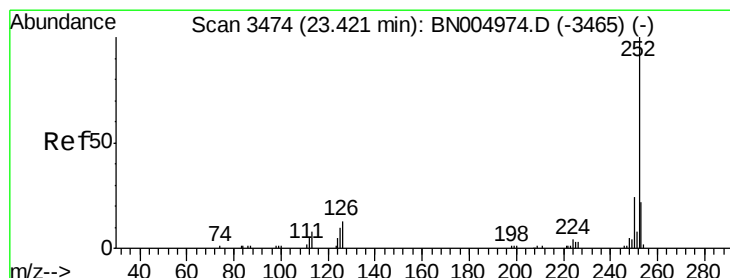
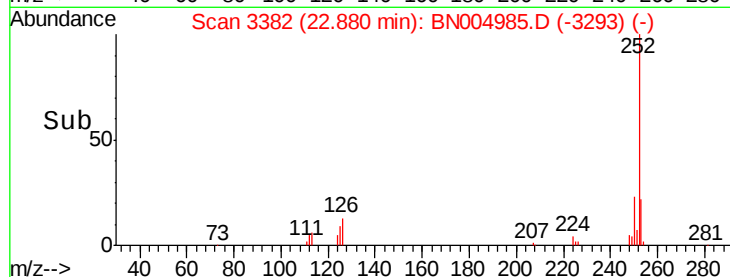
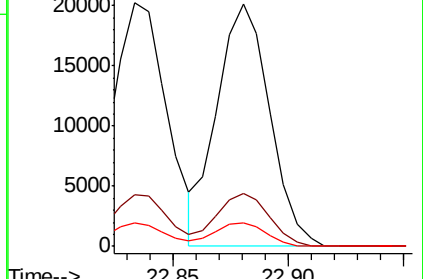
125 9.5 7.6 11.4



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: 8.397 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN004985.D

Acq: 26 Mar 2019 21:21

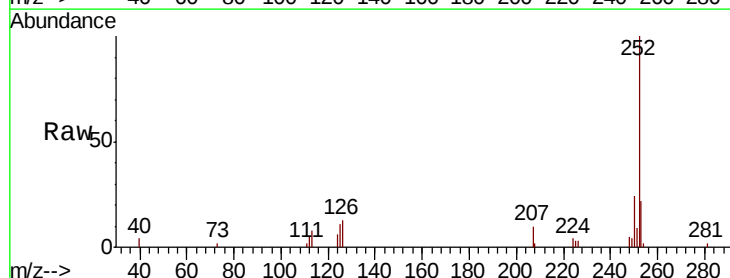
Tgt Ion:252 Resp: 30561

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

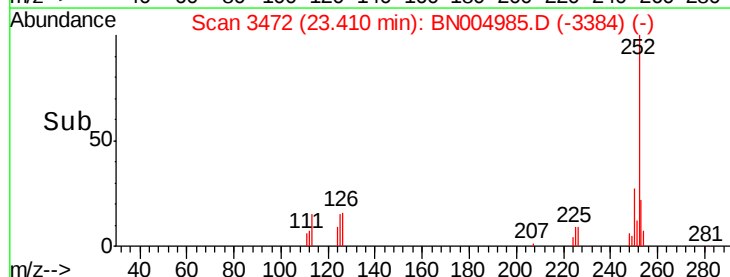
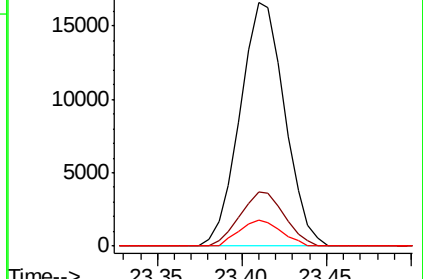
125 10.9 8.2 12.4

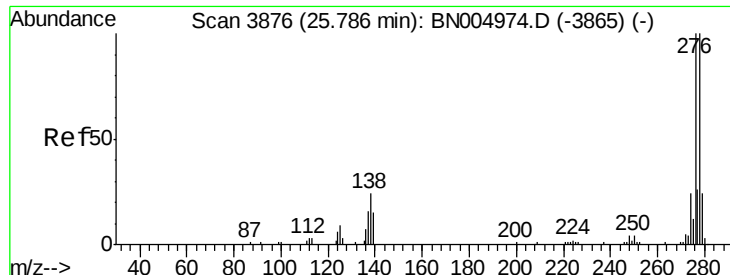


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

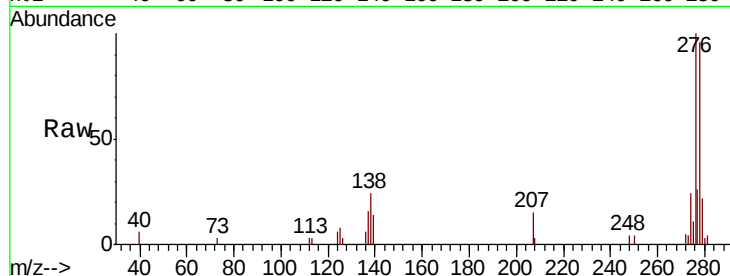




#91
Dibenzo(a,h)anthracene
Concen: 7.770 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.8	17.8
279	23.3	19.3	28.9

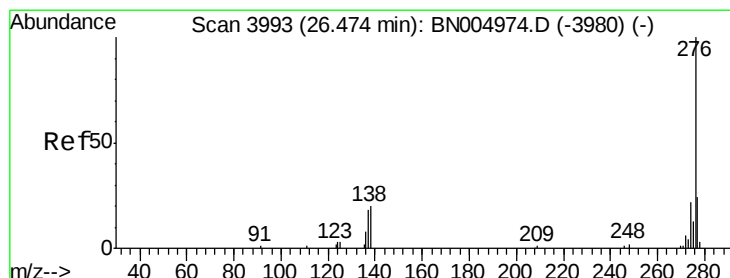
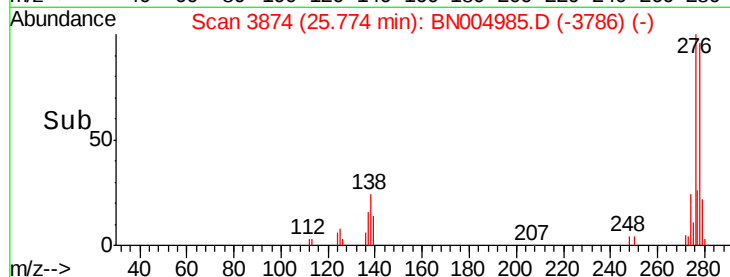
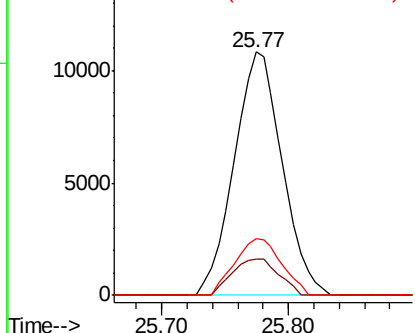


Abundance

Ion 278.00 (277.70 to 278.70): E

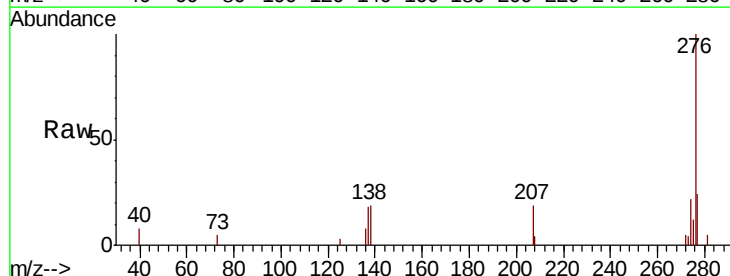
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.483 ng
RT: 26.46 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BN004985.D
Acq: 26 Mar 2019 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	19.4	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

