

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002157.D
 Acq On : 26 Jul 2018 03:44
 Operator : JU/SJ
 Sample : J3762-08
 Misc : L00 20 PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Quant Time: Jul 26 05:07:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	211775	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	791601	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	402677	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	777598	20.00	ng	0.00
75) Chrysene-d12	21.27	240	644342	20.00	ng	0.00
86) Perylene-d12	23.49	264	639176	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1666315	126.67	ng	0.00
7) Phenol-d6	6.88	99	2130341	115.40	ng	0.00
23) Nitrobenzene-d5	8.84	82	1371983	88.88	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	619875	118.55	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	2821972	91.28	ng	0.00
78) Terphenyl-d14	19.71	244	3434646	111.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	94215	19.078	ng	# 80
3) Pyridine	3.66	79	257538	18.004	ng	# 69
4) n-Nitrosodimethylamine	3.58	42	121466	19.795	ng	# 73
6) Aniline	7.03	93	376298	16.688	ng	98
8) 2-Chlorophenol	7.26	128	280974	18.418	ng	95
9) Benzaldehyde	6.85	77	242821	21.359	ng	92
10) Phenol	6.90	94	344236	18.192	ng	97
11) bis(2-Chloroethyl)ether	7.13	93	260710	16.928	ng	95
12) 1,3-Dichlorobenzene	7.58	146	315439	18.144	ng	98
13) 1,4-Dichlorobenzene	7.73	146	319249	17.949	ng	94
14) 1,2-Dichlorobenzene	8.04	146	304668	17.757	ng	95
15) Benzyl Alcohol	7.93	79	218881	15.713	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	437751	17.602	ng	92
17) 2-Methylphenol	8.13	107	223479	17.300	ng	95
18) Hexachloroethane	8.76	117	117838	18.103	ng	90
19) n-Nitroso-di-n-propylamine	8.49	70	208615	15.580	ng	# 96
20) 3+4-Methylphenols	8.46	107	299862	16.637	ng	96
22) Acetophenone	8.50	105	409026	19.929	ng	97
24) Nitrobenzene	8.88	77	321307	20.085	ng	95
25) Isophorone	9.40	82	537019	20.262	ng	95
26) 2-Nitrophenol	9.59	139	139628	18.068	ng	95
27) 2,4-Dimethylphenol	9.65	122	235459	21.909	ng	95
28) bis(2-Chloroethoxy)methane	9.89	93	334652	19.547	ng	98
29) 2,4-Dichlorophenol	10.12	162	243795	19.453	ng	94
30) 1,2,4-Trichlorobenzene	10.33	180	274499	19.340	ng	98
31) Naphthalene	10.52	128	831872	20.822	ng	97
32) Benzoic acid	9.76	122	117527	12.889	ng	89
33) 4-Chloroaniline	10.63	127	224634	12.637	ng	97
34) Hexachlorobutadiene	10.80	225	167296	19.248	ng	97
35) Caprolactam	11.38	113	64505	15.082	ng	# 66
36) 4-Chloro-3-methylphenol	11.76	107	247132	17.342	ng	95
37) 2-Methylnaphthalene	12.13	142	586167	20.803	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	283721	20.955	ng	# 98
40) Hexachlorocyclopentadiene	12.48	237	184299	24.101	ng	93

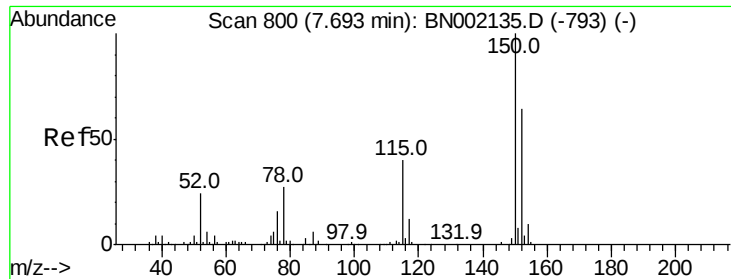
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	176676	19.448	nq	98
43) 2,4,5-Trichlorophenol	12.82	196	182810	18.997	nq	98
45) 1,1'-Biphenyl	13.15	154	709618	20.026	nq	98
46) 2-Chloronaphthalene	13.19	162	555458	20.309	nq	99
47) 2-Nitroaniline	13.40	65	155845	17.708	nq	94
48) Acenaphthylene	14.04	152	871386	20.995	nq	96
49) Dimethylphthalate	13.79	163	628999	18.805	nq	99
50) 2,6-Dinitrotoluene	13.90	165	135081	18.177	nq	90
51) Acenaphthene	14.39	154	502229	20.089	nq	99
52) 3-Nitroaniline	14.23	138	95558	11.868	nq	# 85
53) 2,4-Dinitrophenol	14.45	184	58219	14.796	nq	97
54) Dibenzofuran	14.72	168	786855	19.412	nq	96
55) 4-Nitrophenol	14.55	139	101180	16.368	nq	92
56) 2,4-Dinitrotoluene	14.70	165	177758	17.625	nq	86
57) Fluorene	15.37	166	614366	20.109	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	151716	18.332	nq	94
59) Diethylphthalate	15.15	149	603897	17.738	nq	98
60) 4-Chlorophenyl-phenylether	15.37	204	308593	18.254	nq	94
61) 4-Nitroaniline	15.40	138	136195	16.593	nq	89
62) Azobenzene	15.66	77	617928	18.916	nq	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	84455	16.087	nq	99
65) n-Nitrosodiphenylamine	15.59	169	519242	20.123	nq	96
66) 4-Bromophenyl-phenylether	16.26	248	180248	19.801	nq	# 90
67) Hexachlorobenzene	16.38	284	195230	19.390	nq	97
68) Atrazine	16.54	200	161026	18.536	nq	96
69) Pentachlorophenol	16.73	266	84510	13.039	nq	99
70) Phenanthrene	17.11	178	887833	20.918	nq	99
71) Anthracene	17.20	178	893913	21.278	nq	97
72) Carbazole	17.47	167	767639	18.210	nq	97
73) Di-n-butylphthalate	18.05	149	877240	17.840	nq	98
74) Fluoranthene	19.13	202	901605	19.565	nq	99
76) Benzidine	19.32	184	258843	12.317	nq	96
77) Pyrene	19.50	202	918795	20.677	nq	99
79) Butylbenzylphthalate	20.41	149	344342	17.802	nq	89
80) Benzo(a)anthracene	21.25	228	833072	21.213	nq	97
81) 3,3'-Dichlorobenzidine	21.19	252	196240	12.826	nq	# 97
82) Chrysene	21.30	228	770616	20.609	nq	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	496506	18.407	nq	96
84) Di-n-octyl phthalate	22.07	149	813168	19.014	nq	98
85) Indeno(1,2,3-cd)pyrene	25.72	276	928701	25.475	nq	# 94
87) Benzo(b)fluoranthene	22.83	252	802670	21.278	nq	97
88) Benzo(k)fluoranthene	22.87	252	756481	20.362	nq	# 98
89) Benzo(a)pyrene	23.40	252	746984	21.203	nq	98
90) Dibenzo(a,h)anthracene	25.73	278	777598	23.509	nq	# 95
91) Benzo(g,h,i)perylene	26.40	276	782256	24.472	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.69 min Scan# 800

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

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LOQ-WATER-02-QT3-2018

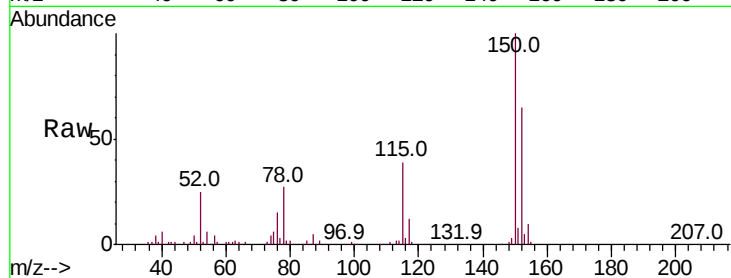
Tot Ion:152 Resp: 211775

Ion Ratio Lower Upper

152 100

150 154.4 126.6 189.8

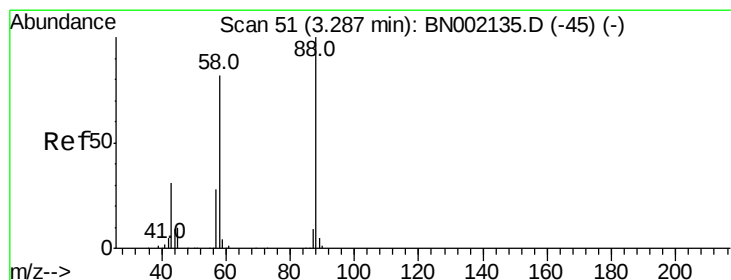
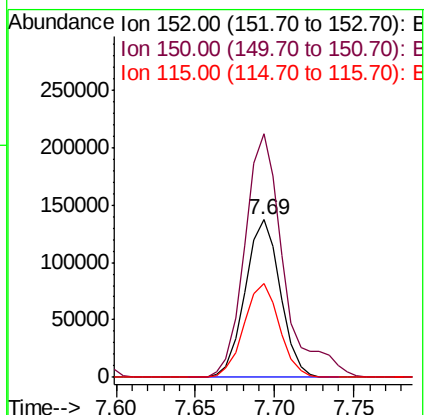
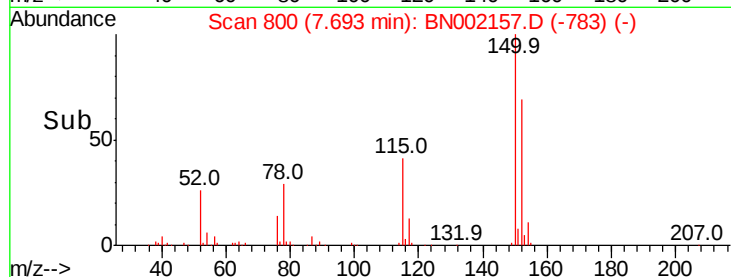
115 59.8 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 19.078 ng

RT: 3.29 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

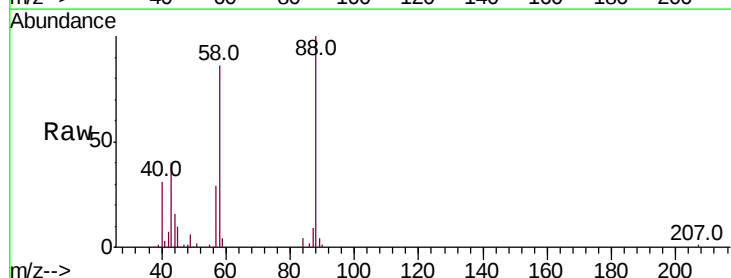
Tgt Ion: 88 Resp: 94215

Ion Ratio Lower Upper

88 100

58 83.3 52.0 78.0#

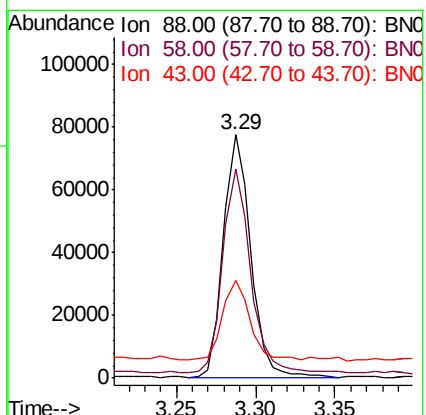
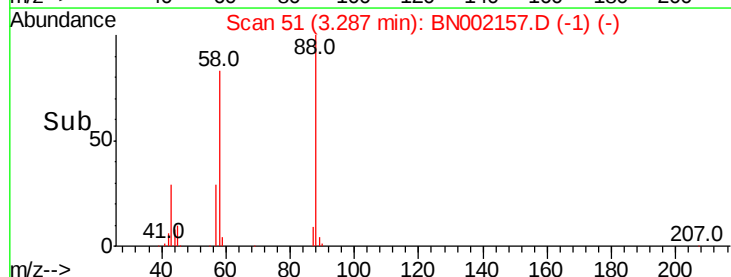
43 31.5 20.0 30.0#

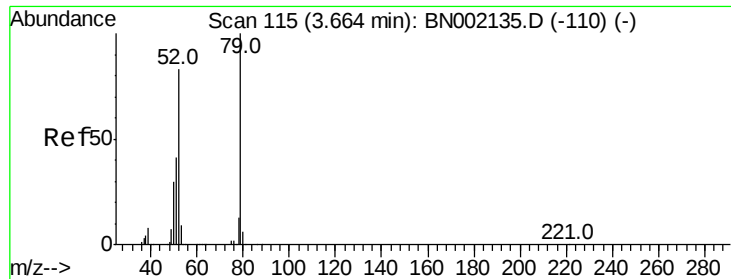


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 18.004 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

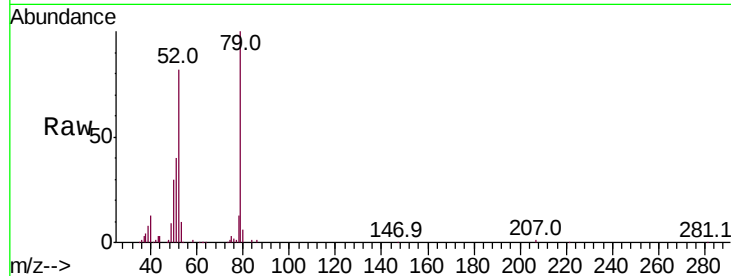
Tot Ion: 79 Resp: 257538

Ion Ratio Lower Upper

79 100

52 82.1 44.0 66.0#

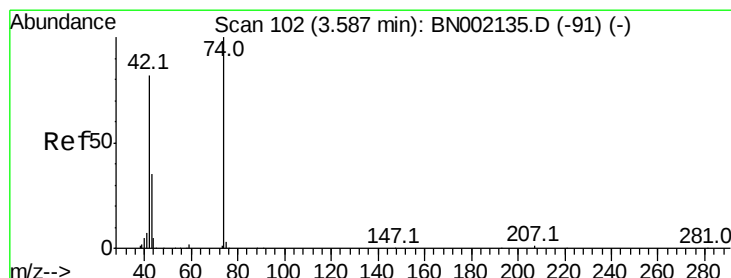
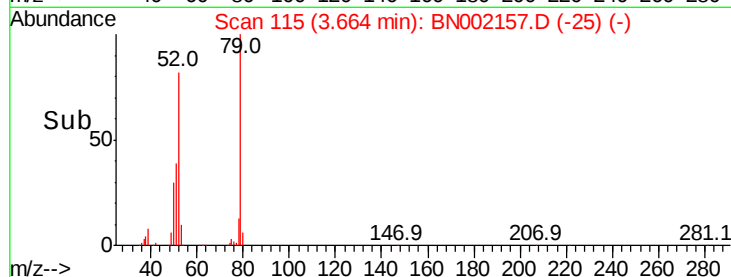
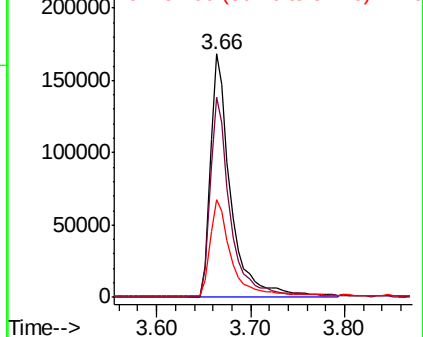
51 40.2 24.0 36.0#



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: 19.795 ng

RT: 3.58 min Scan# 101

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

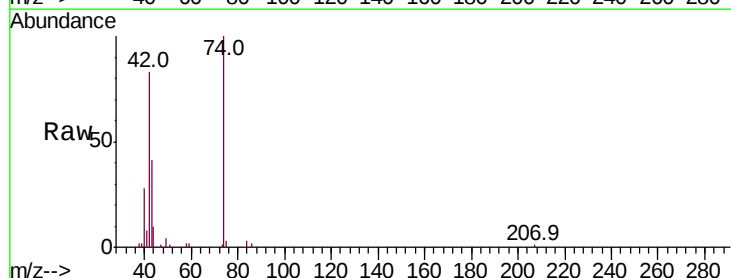
Tgt Ion: 42 Resp: 121466

Ion Ratio Lower Upper

42 100

74 121.2 128.0 192.0#

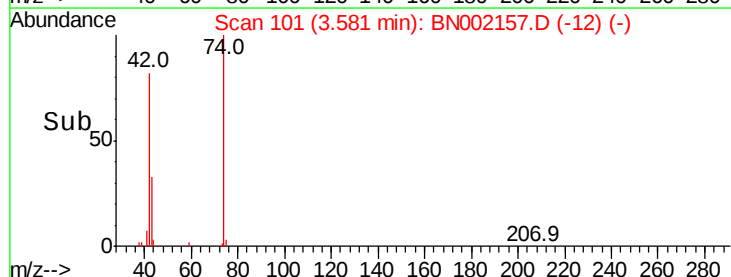
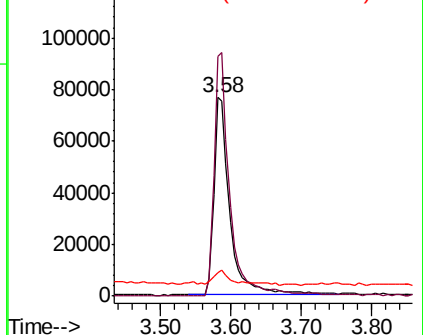
44 12.0 12.0 18.0#

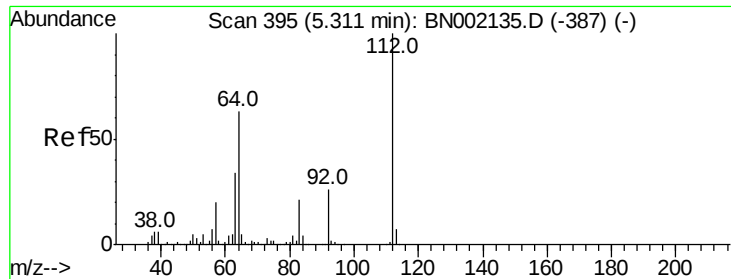


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 126.674 ng

RT: 5.31 min Scan# 395

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

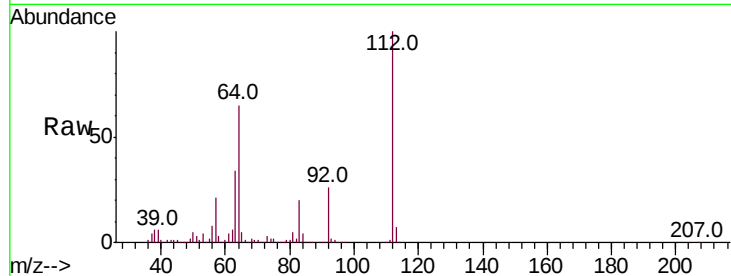
Tot Ion:112 Resp: 1666315

Ion Ratio Lower Upper

112 100

64 64.8 56.3 84.5

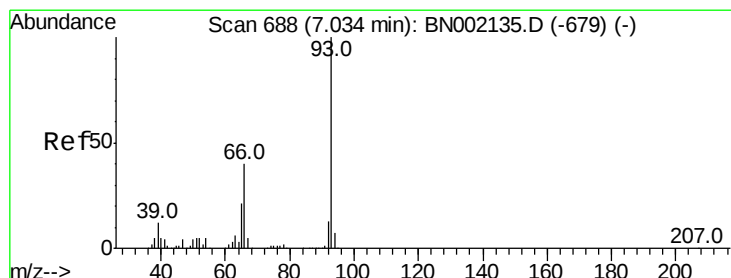
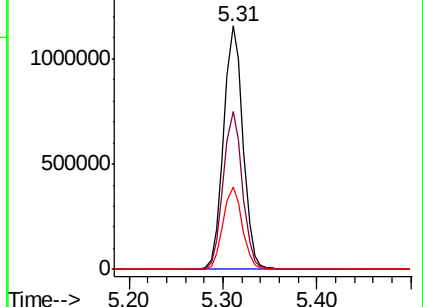
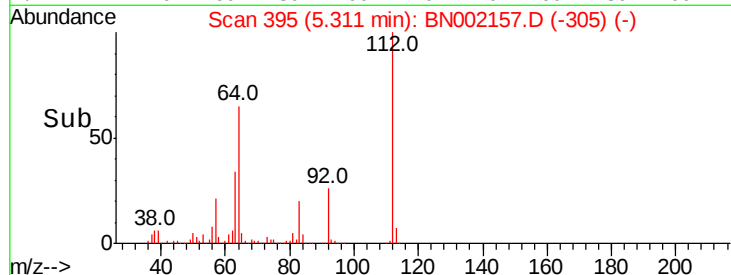
63 33.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 16.688 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

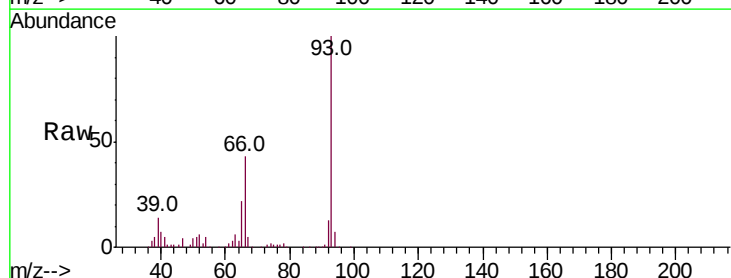
Tgt Ion: 93 Resp: 376298

Ion Ratio Lower Upper

93 100

66 43.2 33.7 50.5

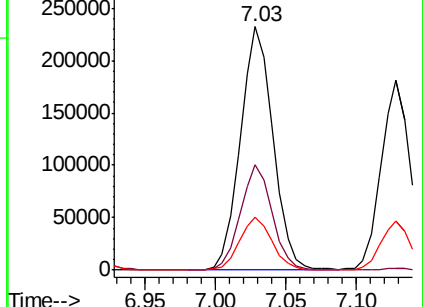
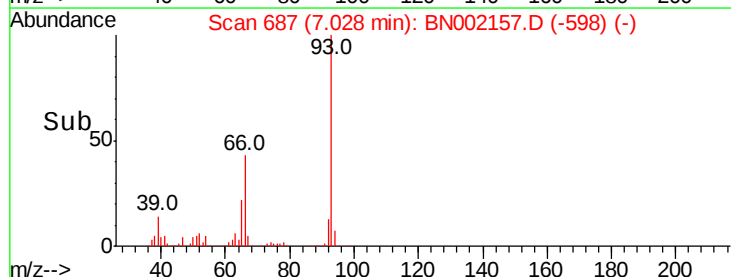
65 21.5 16.1 24.1

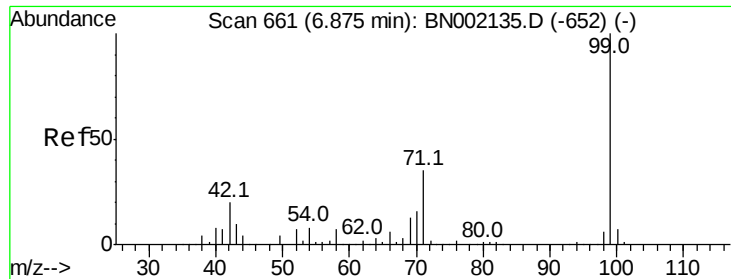


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 115.405 ng

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

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ClientSampleId :

LOQ-WATER-02-QT3-2018

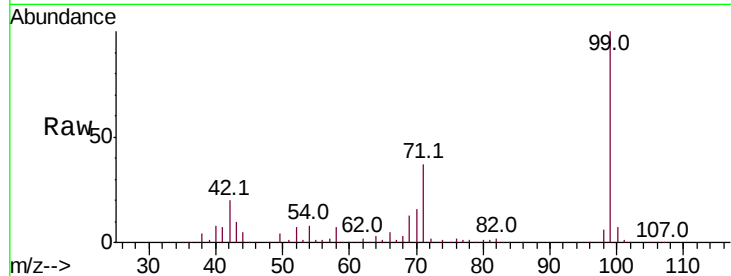
Tot Ion: 99 Resp: 2130341

Ion Ratio Lower Upper

99 100

42 20.1 14.1 21.1

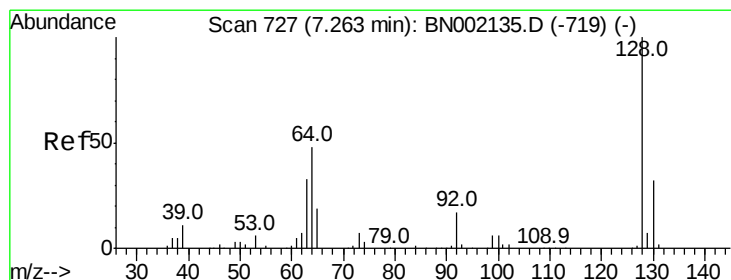
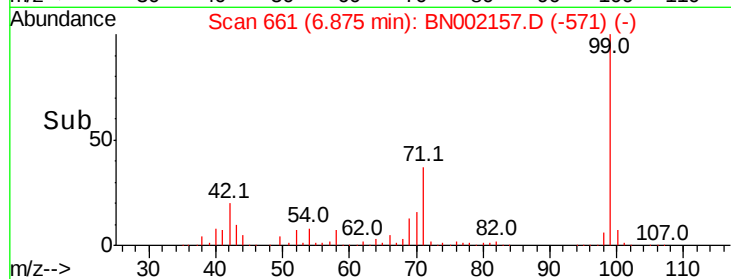
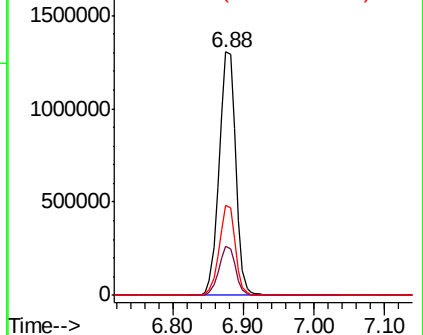
71 36.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BN002135.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BN002135.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BN002135.D (-652) (-)



#8

2-Chlorophenol

Concen: 18.418 ng

RT: 7.26 min Scan# 727

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

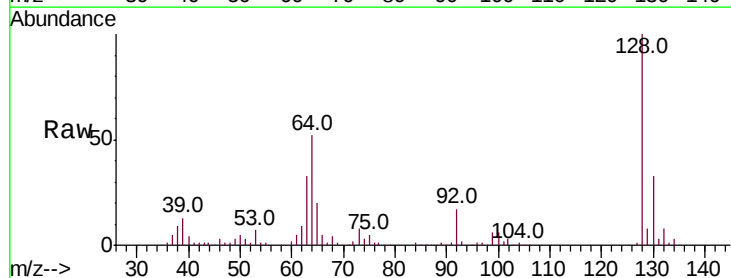
Tgt Ion:128 Resp: 280974

Ion Ratio Lower Upper

128 100

130 33.1 14.0 54.0

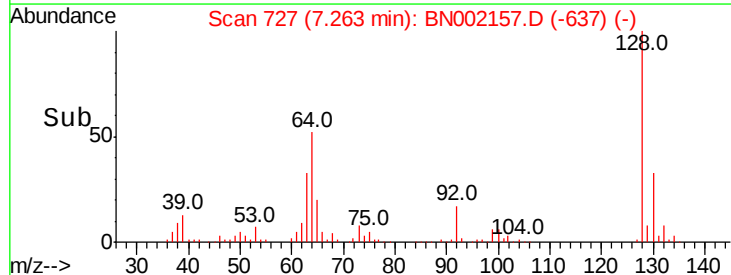
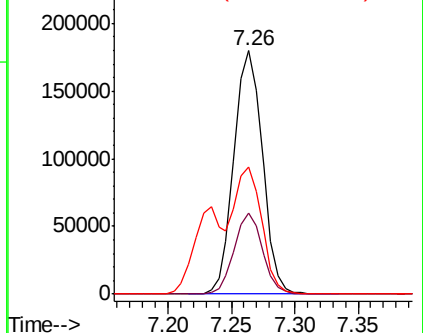
64 52.1 37.7 77.7

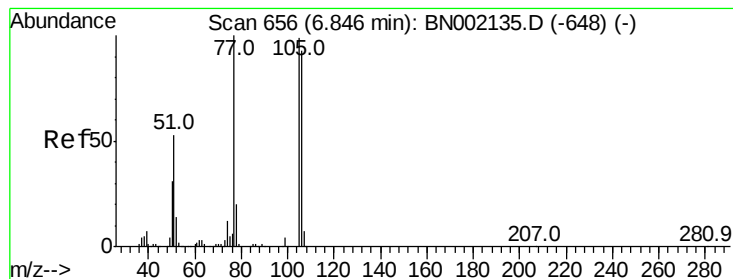


Abundance Ion 128.00 (127.70 to 128.70): BN002135.D (-719) (-)

Ion 130.00 (129.70 to 130.70): BN002135.D (-719) (-)

Ion 64.00 (63.70 to 64.70): BN002135.D (-719) (-)





#9

Benzaldehyde

Concen: 21.359 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

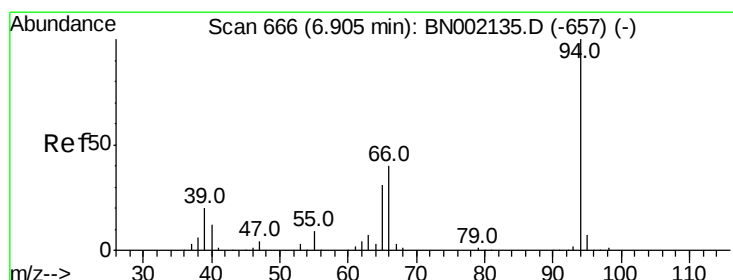
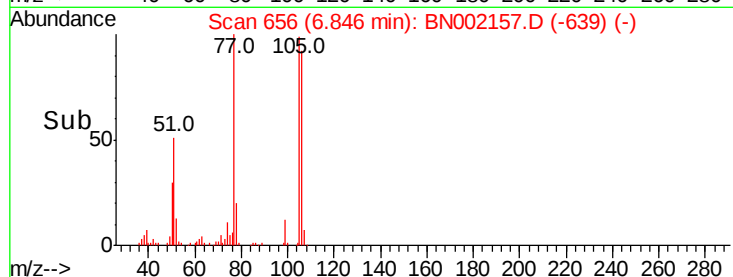
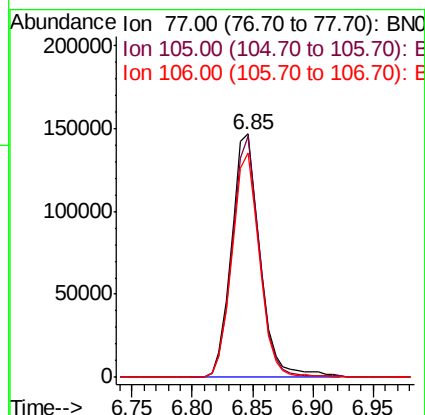
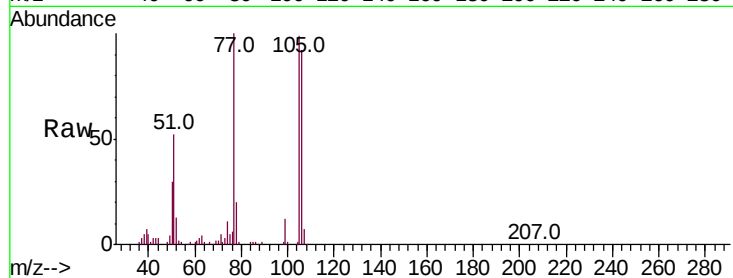
Tot Ion: 77 Resp: 242821

Ion Ratio Lower Upper

77 100

105 99.0 71.3 111.3

106 91.9 64.2 104.2



#10

Phenol

Concen: 18.192 ng

RT: 6.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

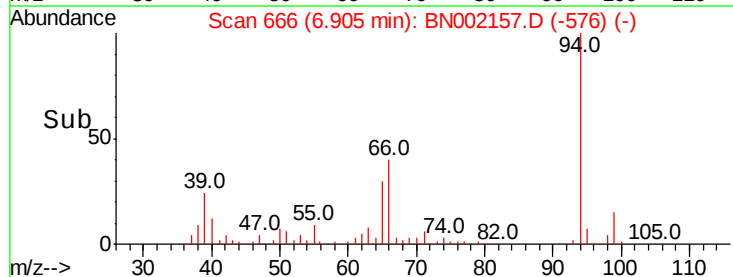
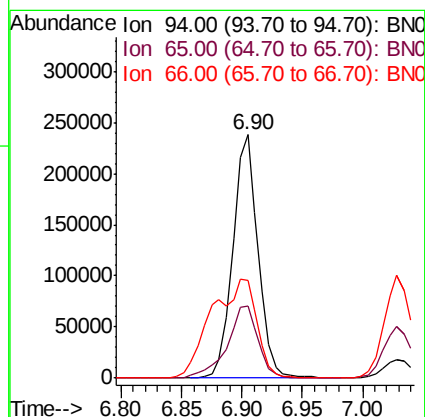
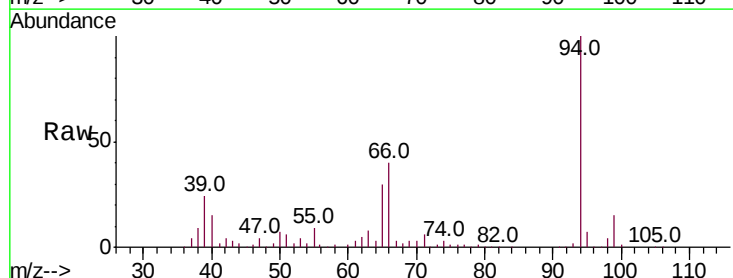
Tgt Ion: 94 Resp: 344236

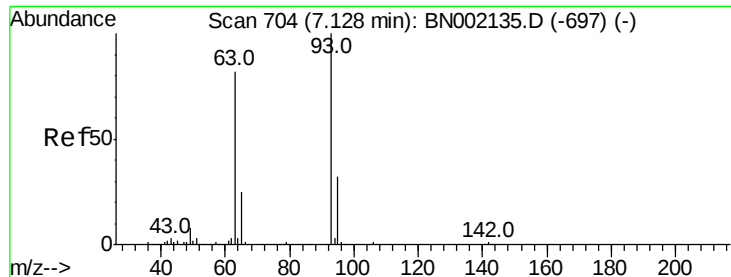
Ion Ratio Lower Upper

94 100

65 29.8 11.9 51.9

66 40.2 22.2 62.2

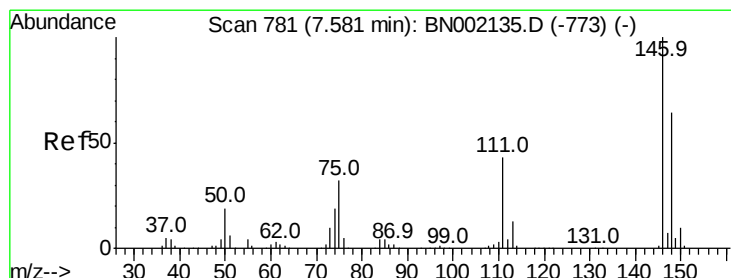
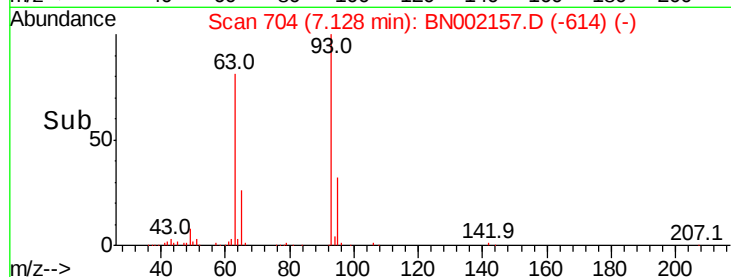
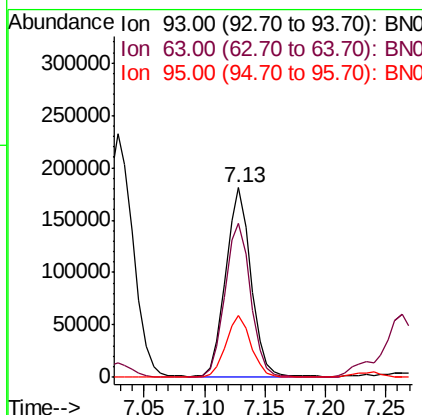
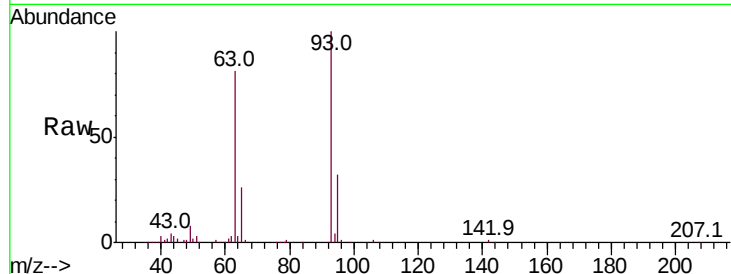




#11
bis(2-Chloroethyl)ether
Concen: 16.928 ng
RT: 7.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

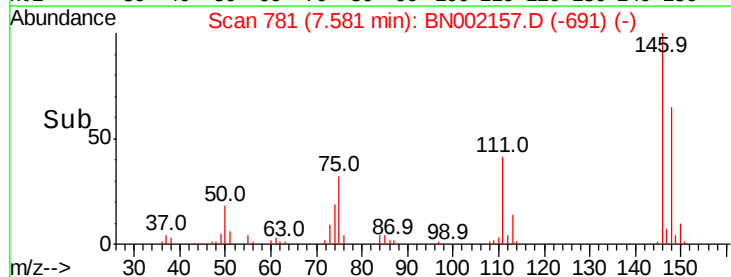
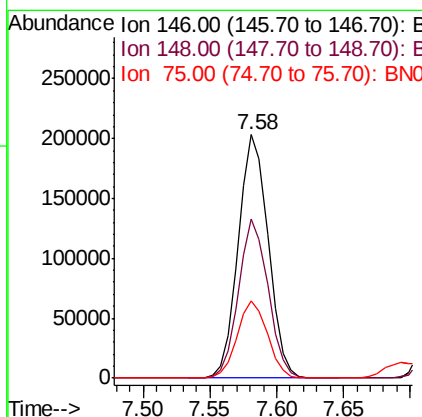
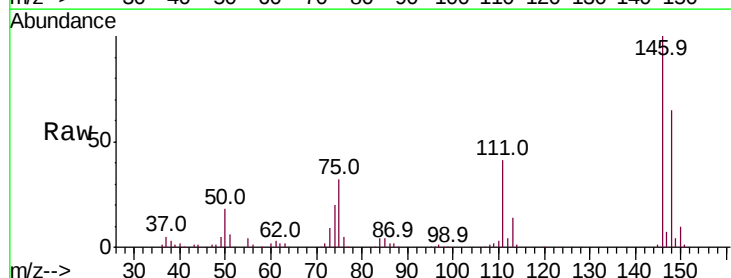
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

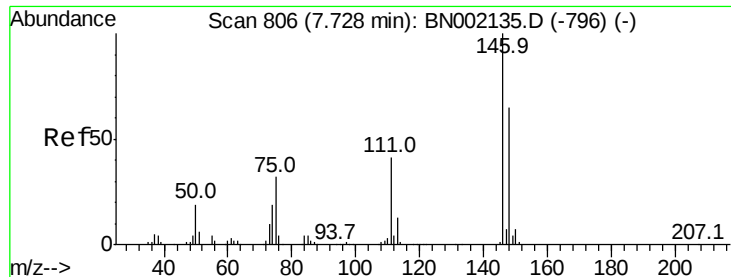
Tot Ion: 93 Resp: 260710
Ion Ratio Lower Upper
93 100
63 81.3 67.1 107.1
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 18.144 ng
RT: 7.58 min Scan# 781
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion: 146 Resp: 315439
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
75 31.9 26.6 39.8

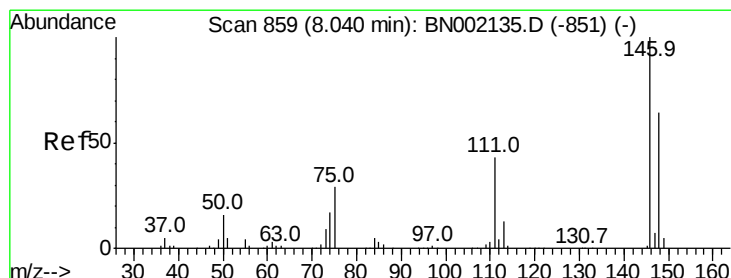
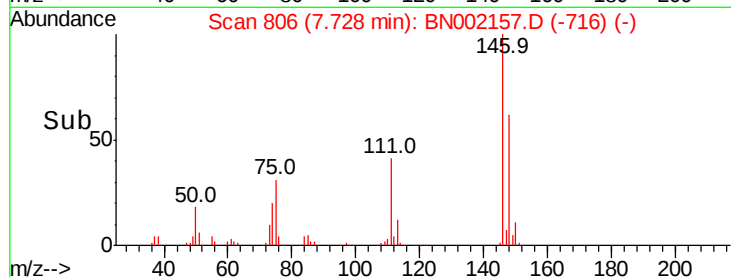
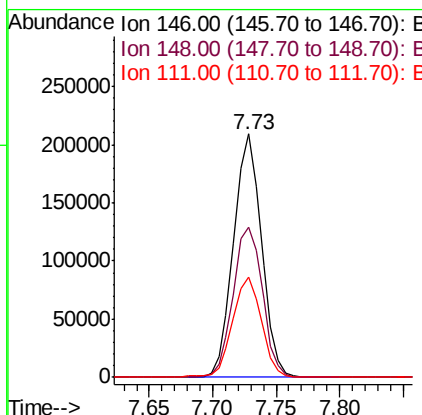
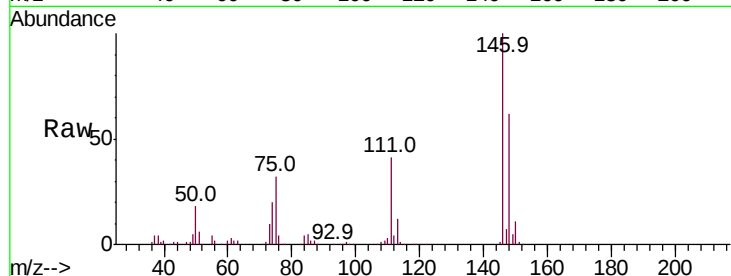




#13
 1,4-Dichlorobenzene
 Concen: 17.949 ng
 RT: 7.73 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

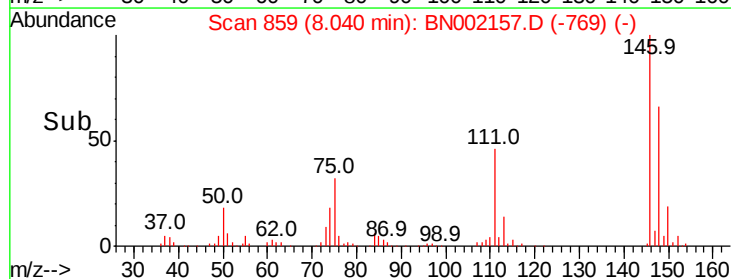
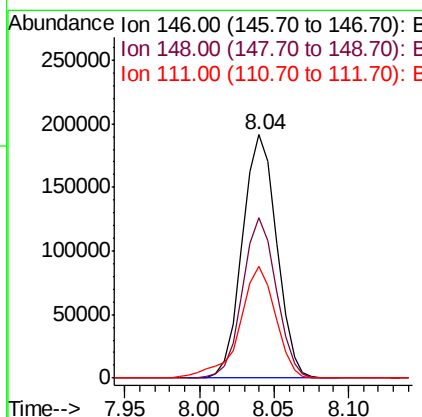
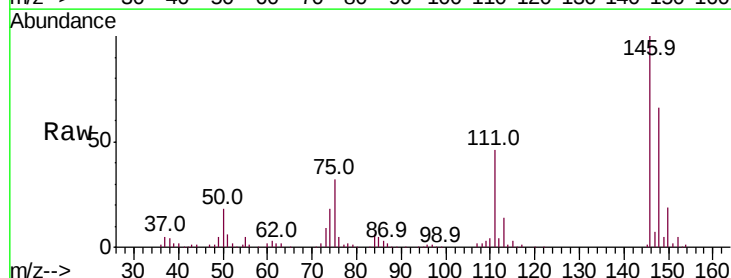
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

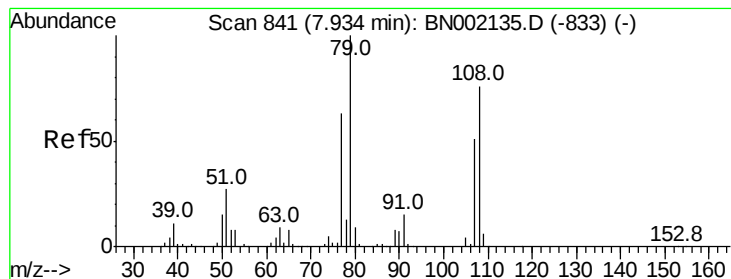
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.7	80.5
111	41.1	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 17.757 ng
 RT: 8.04 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.3	73.9
111	45.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 15.713 ng

RT: 7.93 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

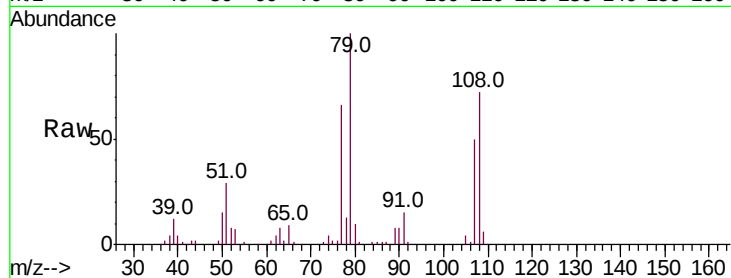
Tot Ion: 79 Resp: 218881

Ion Ratio Lower Upper

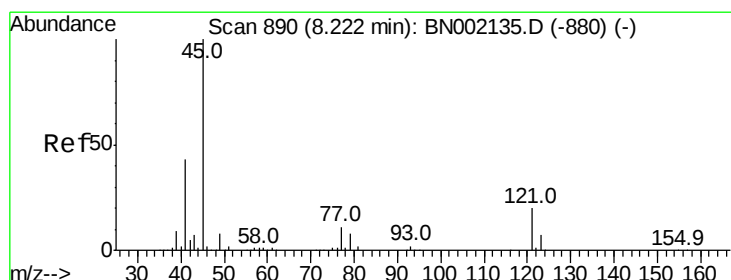
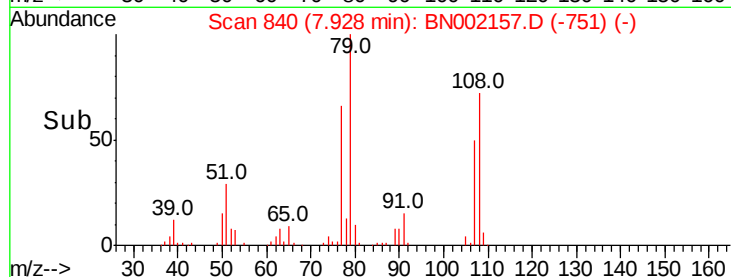
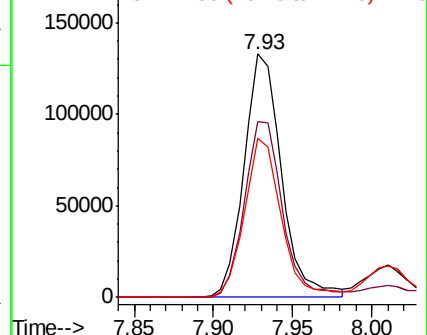
79 100

108 72.0 57.2 85.8

77 65.6 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 17.602 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

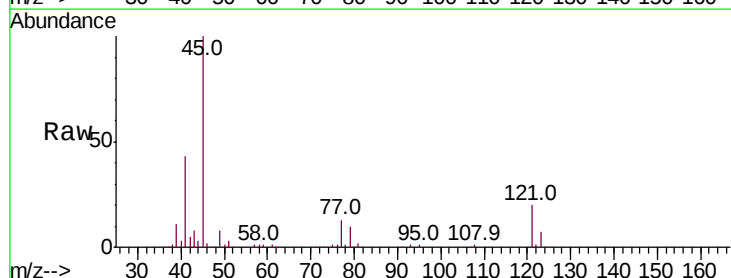
Tgt Ion: 45 Resp: 437751

Ion Ratio Lower Upper

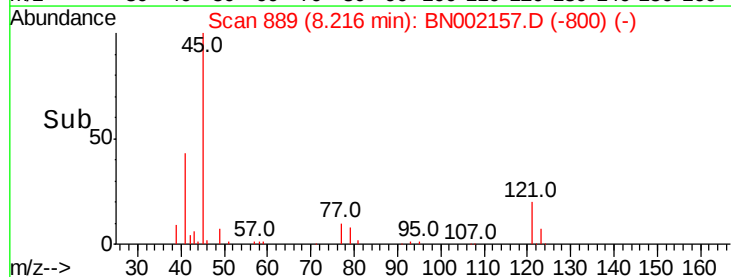
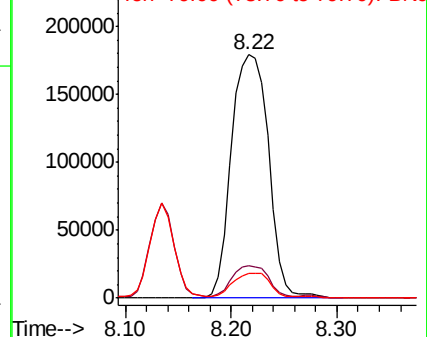
45 100

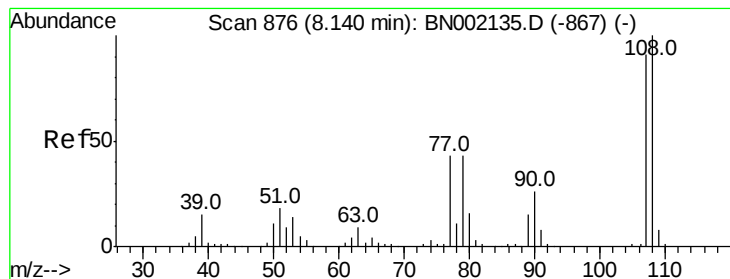
77 13.4 0.0 30.2

79 10.2 0.0 27.9



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

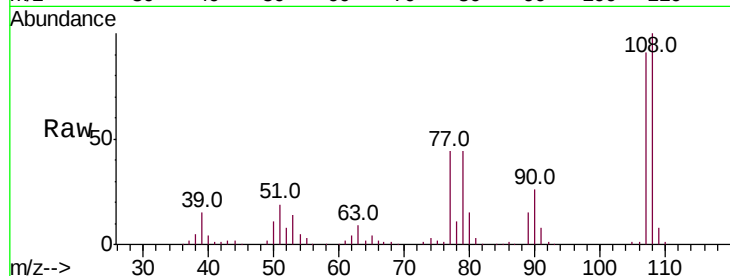




#17
2-Methylphenol
Concen: 17.300 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:	107	Resp:	223479
Ion	Ratio	Lower	Upper
107	100		
108	109.9	83.9	125.9
77	48.4	37.2	55.8
79	48.8	36.2	54.2



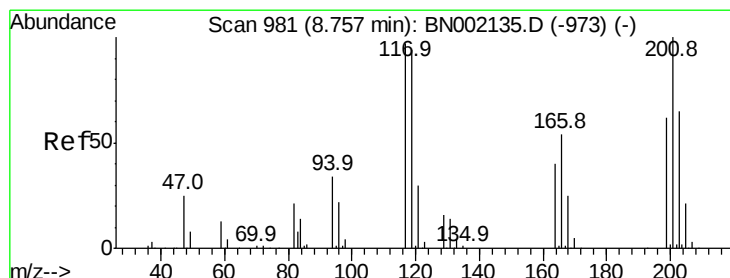
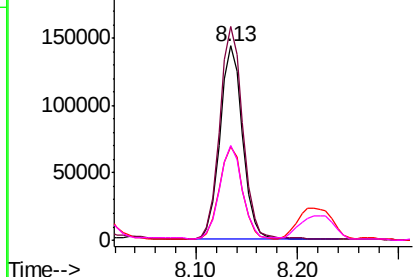
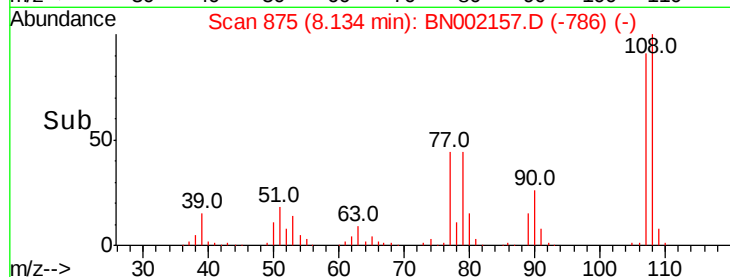
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

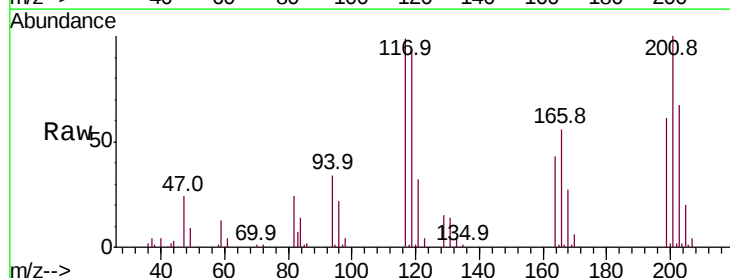
Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0



#18
Hexachloroethane
Concen: 18.103 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:	117	Resp:	117838
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.7	115.1
201	100.6	95.7	143.5

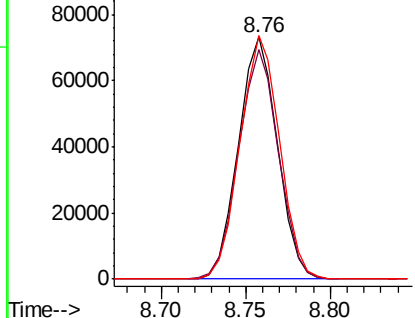
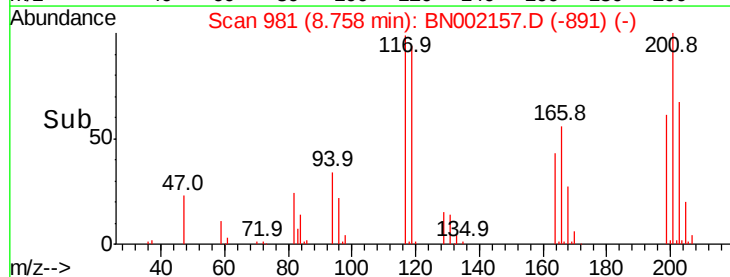


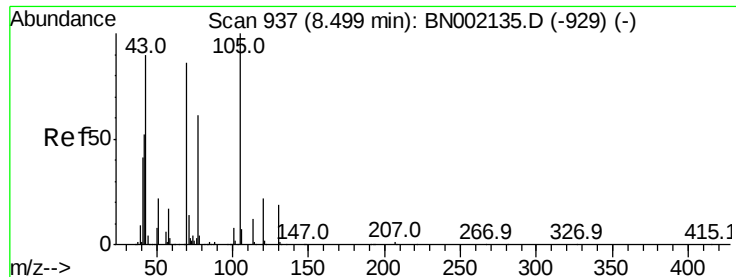
Abundance

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

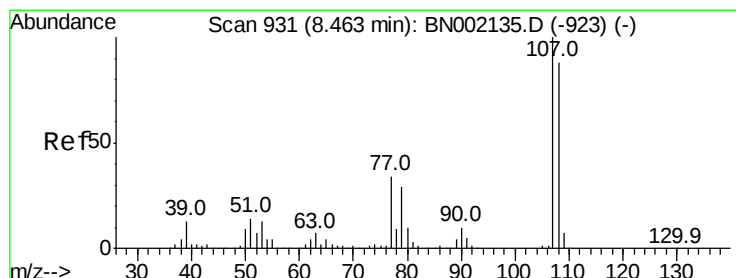
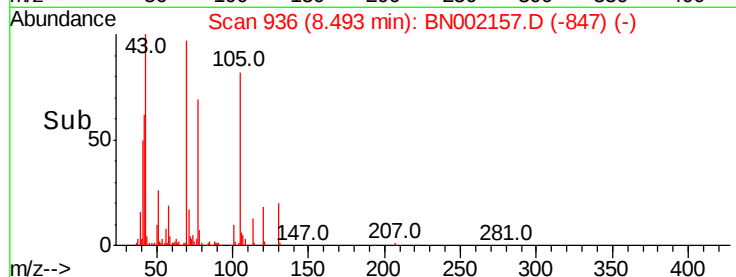
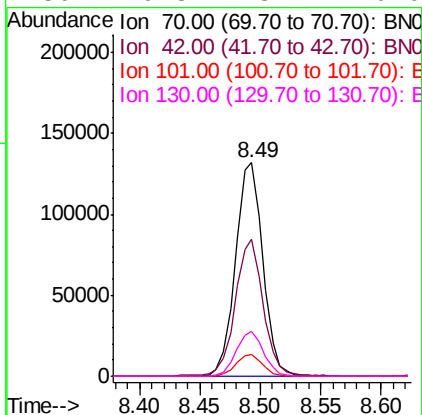
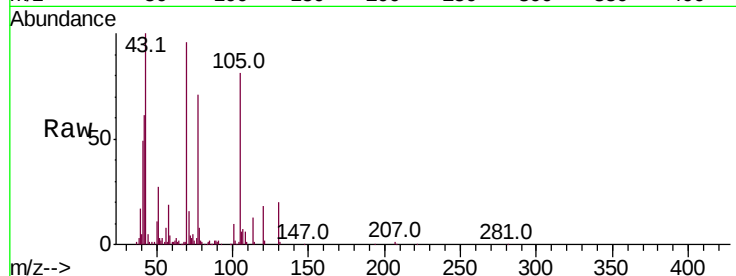




#19
n-Nitroso-di-n-propylamine
Concen: 15.580 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

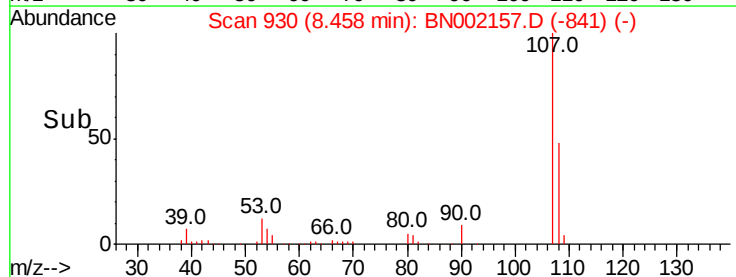
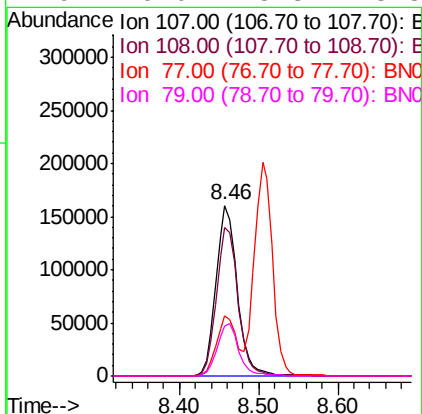
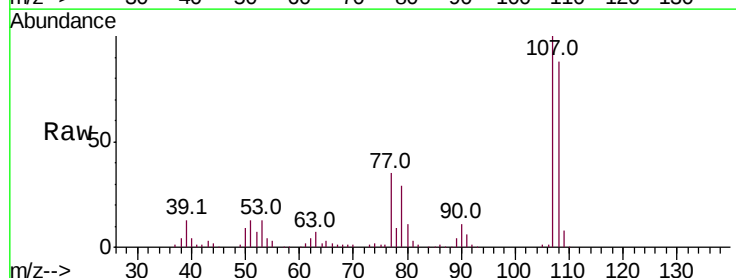
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

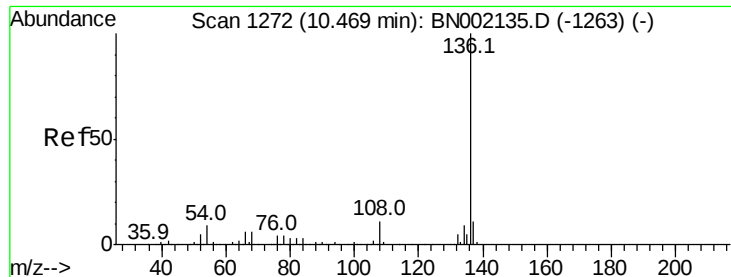
Tot Ion:	70	Resp:	208615
Ion	Ratio	Lower	Upper
70	100		
42	63.9	49.1	73.7
101	10.3	8.5	12.7
130	20.8	13.4	20.0#



#20
3+4-Methylphenols
Concen: 16.637 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:	107	Resp:	299862
Ion	Ratio	Lower	Upper
107	100		
108	87.5	61.6	101.6
77	35.1	13.9	53.9
79	29.0	8.8	48.8

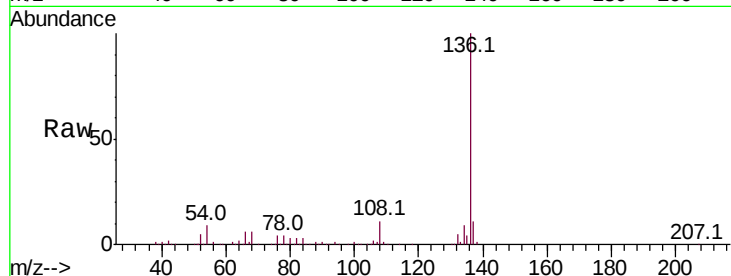




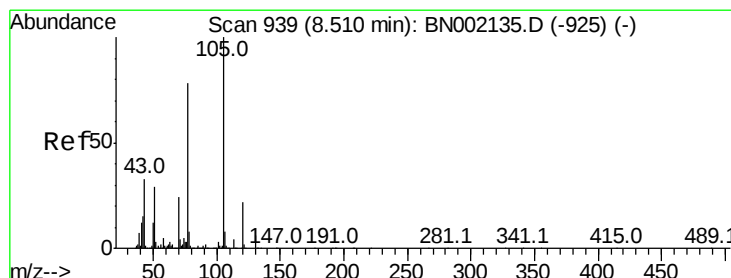
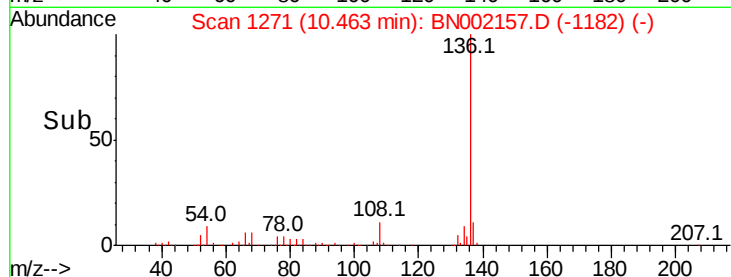
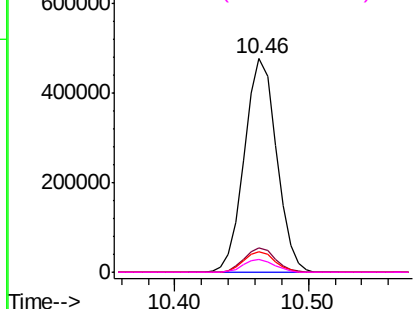
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:	136	Resp:	791601
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.4	10.3	15.5
68	6.0	4.5	6.7

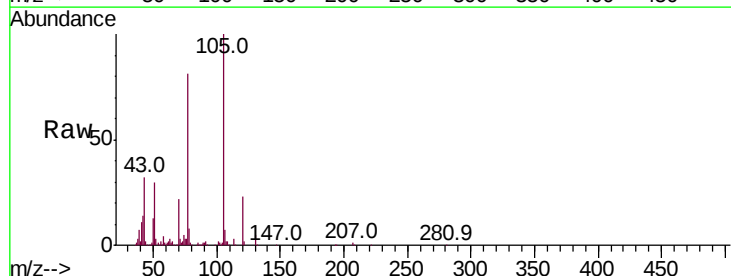


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

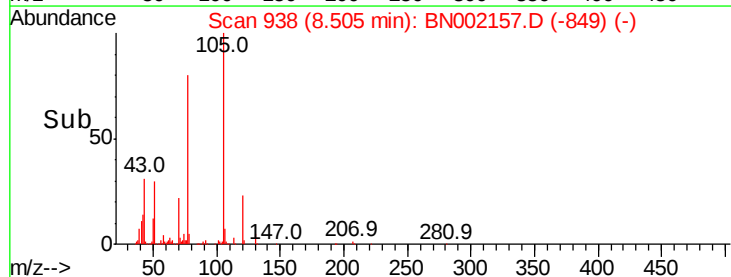
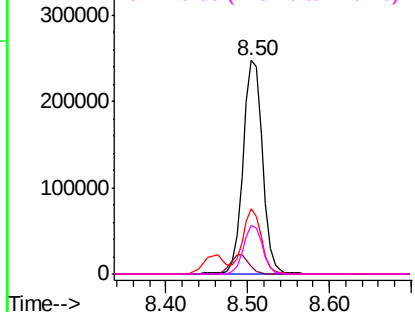


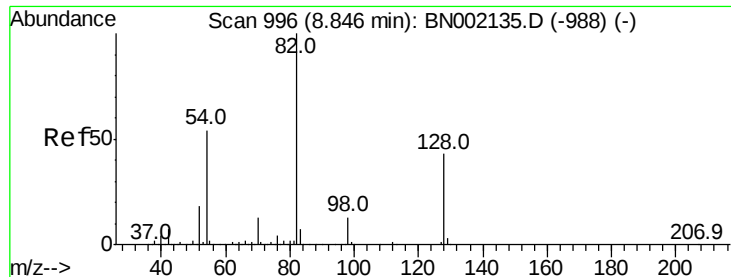
#22
Acetophenone
Concen: 19.929 ng
RT: 8.50 min Scan# 938
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:	105	Resp:	409026
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.0	4.4
51	30.4	26.1	39.1
120	23.0	17.4	26.2



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

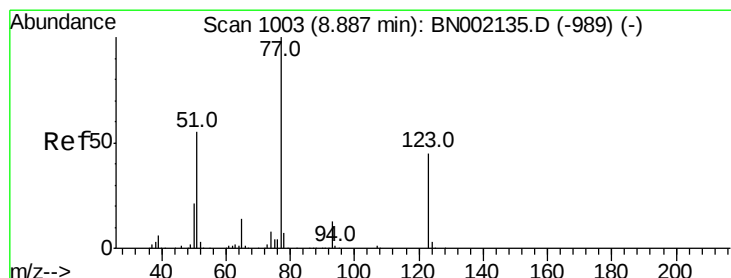
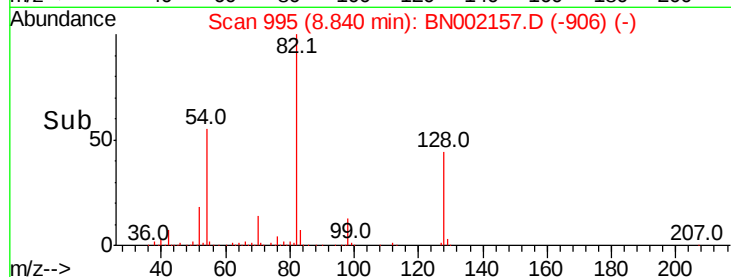
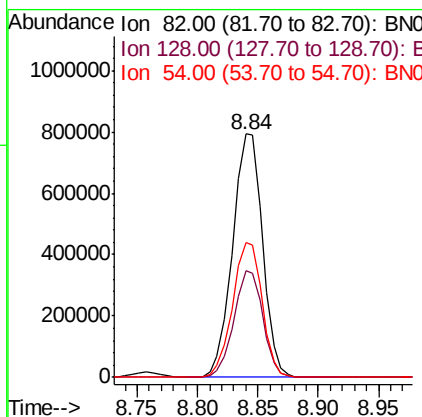
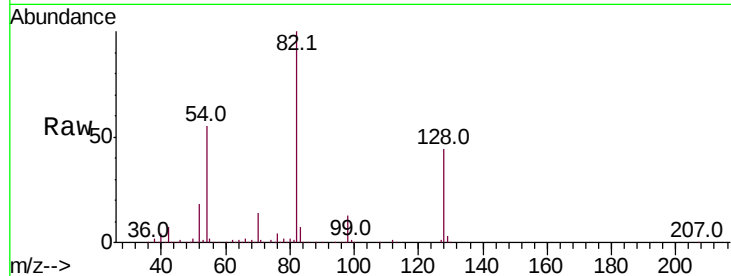




#23
Nitrobenzene-d5
Concen: 88.883 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

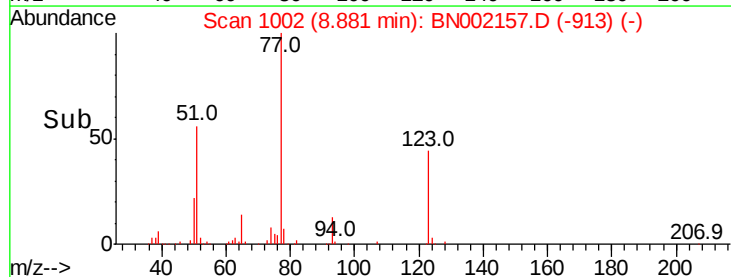
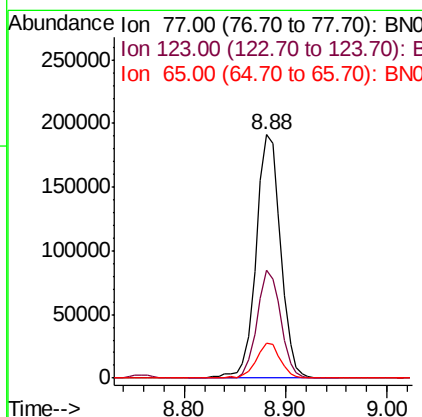
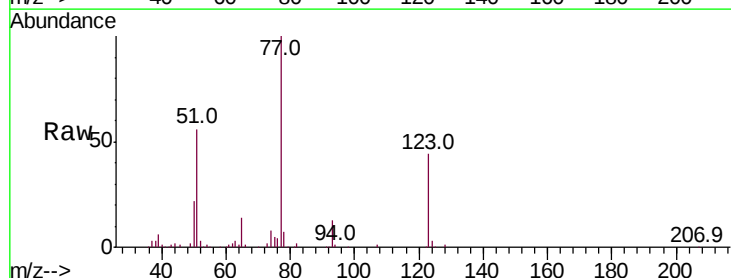
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

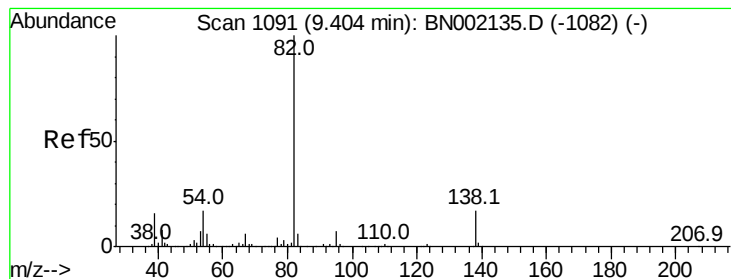
Tot Ion: 82 Resp: 1371983
Ion Ratio Lower Upper
82 100
128 43.8 29.7 44.5
54 55.4 43.1 64.7



#24
Nitrobenzene
Concen: 20.085 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion: 77 Resp: 321307
Ion Ratio Lower Upper
77 100
123 44.2 33.0 49.6
65 14.4 13.0 19.6





#25

Isophorone

Concen: 20.262 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

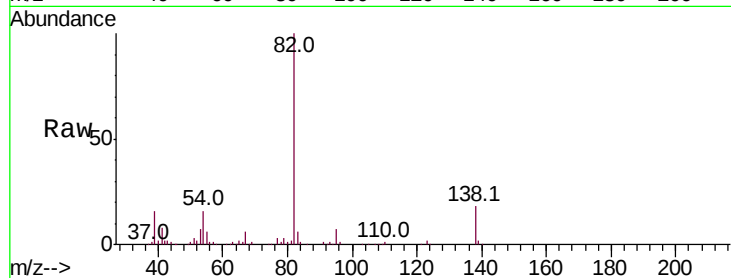
Tot Ion: 82 Resp: 537019

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

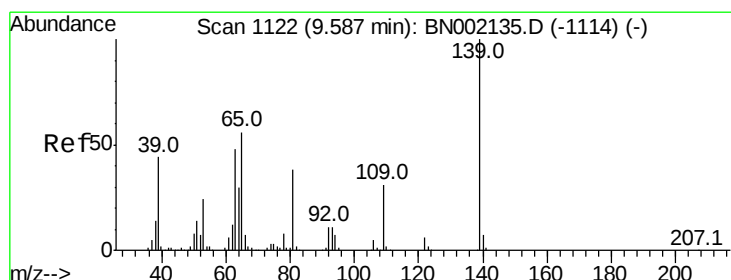
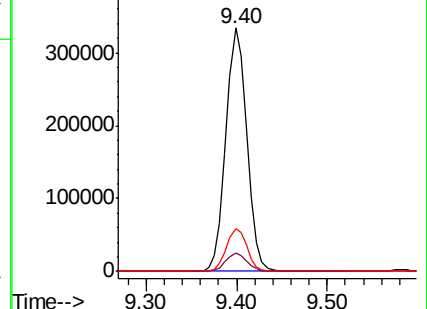
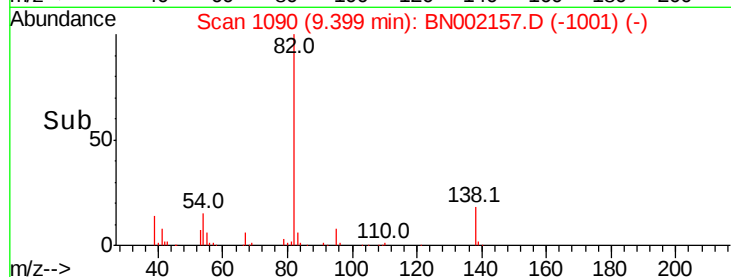
138 17.8 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN002135.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BN002135.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BN002135.D (-1082) (-)



#26

2-Nitrophenol

Concen: 18.068 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

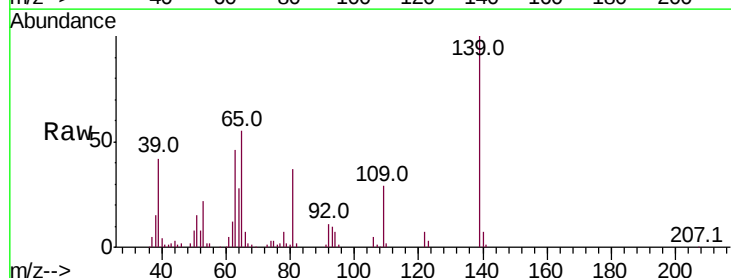
Tgt Ion:139 Resp: 139628

Ion Ratio Lower Upper

139 100

109 28.9 24.2 36.2

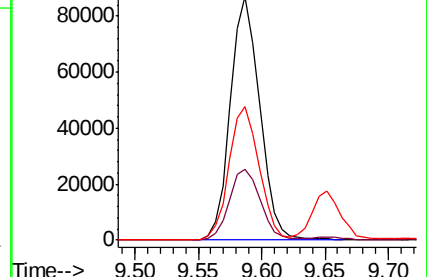
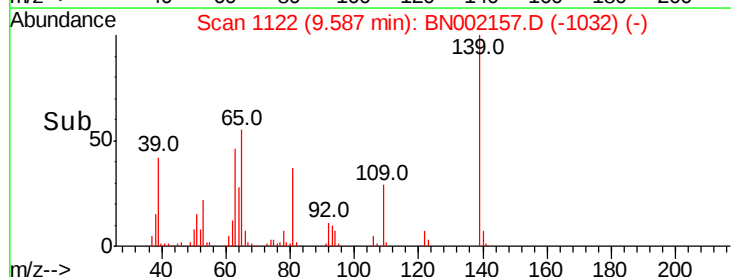
65 54.6 47.4 71.0

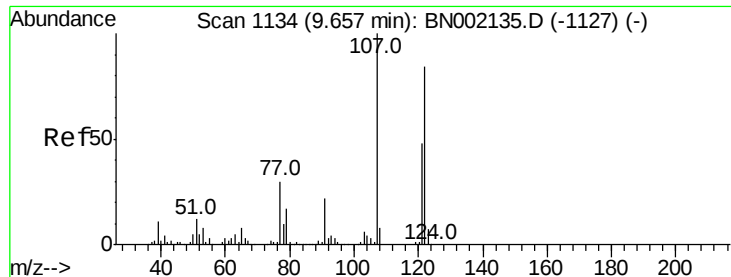


Abundance Ion 139.00 (138.70 to 139.70): BN002135.D (-1114) (-)

Ion 109.00 (108.70 to 109.70): BN002135.D (-1114) (-)

Ion 65.00 (64.70 to 65.70): BN002135.D (-1114) (-)





#27

2,4-Dimethylphenol

Concen: 21.909 ng

RT: 9.65 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

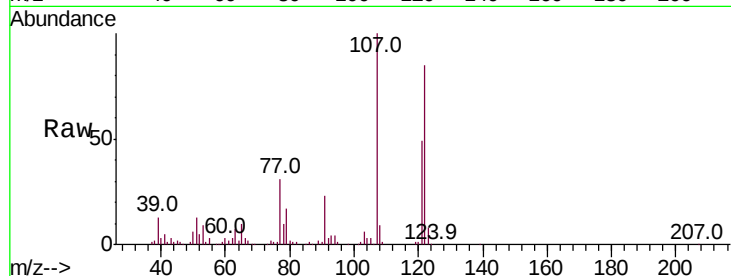
Tot Ion:122 Resp: 235459

Ion Ratio Lower Upper

122 100

107 118.2 100.2 150.2

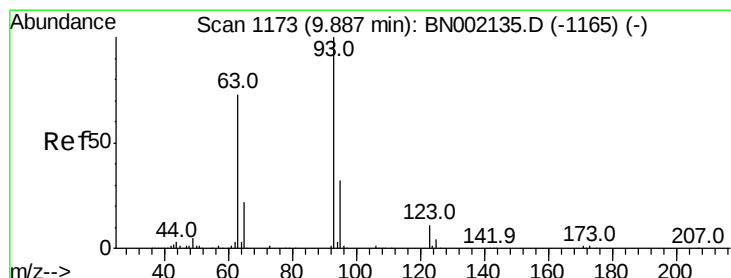
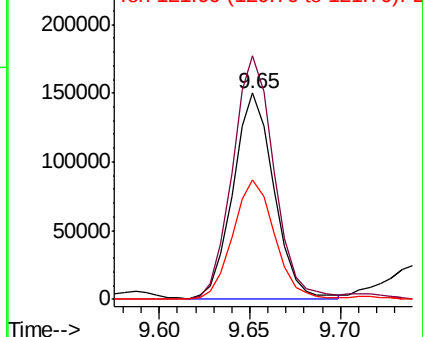
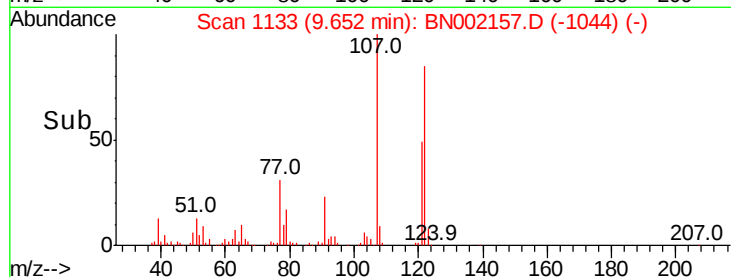
121 58.1 44.4 66.6



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: 19.547 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

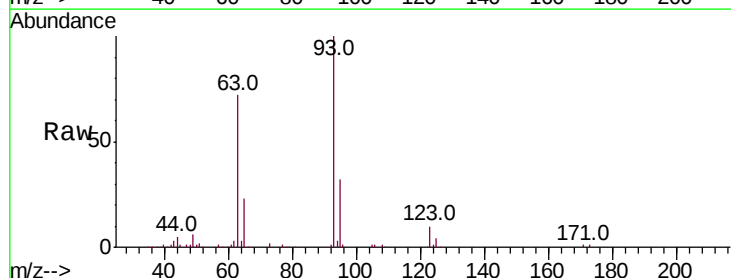
Tgt Ion: 93 Resp: 334652

Ion Ratio Lower Upper

93 100

95 31.8 24.3 36.5

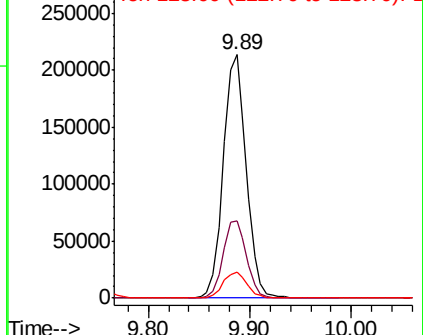
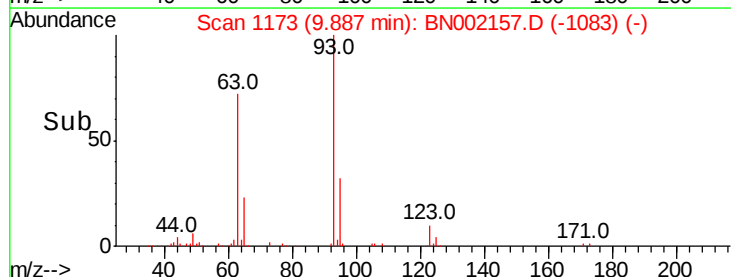
123 10.5 8.4 12.6

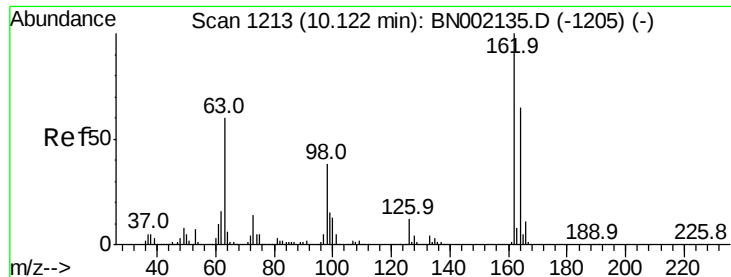


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

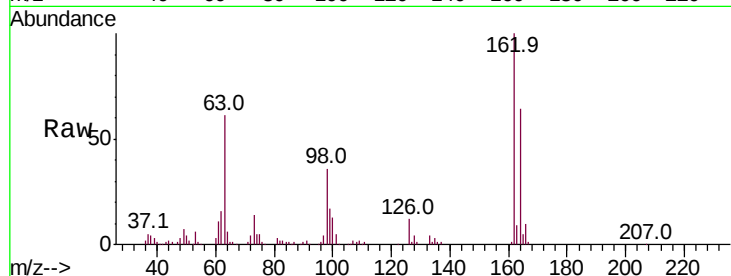




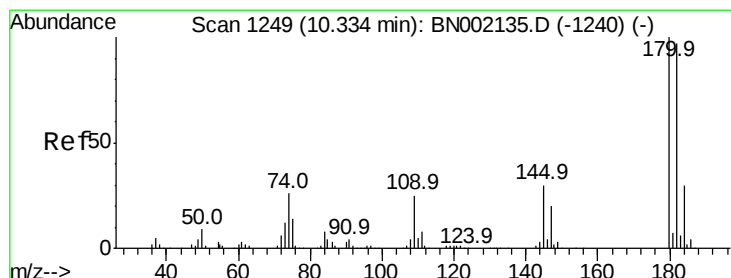
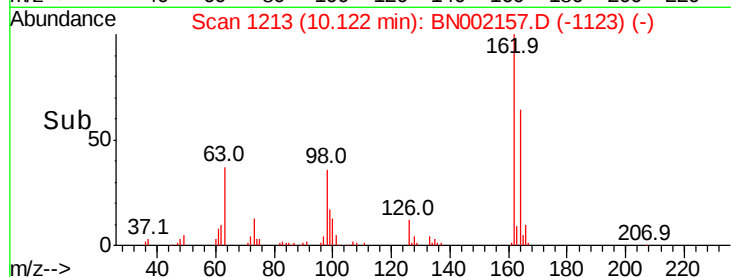
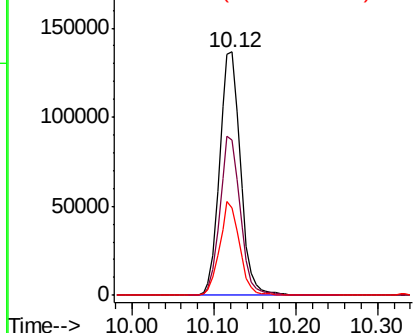
#29
 2,4-Dichlorophenol
 Concen: 19.453 ng
 RT: 10.12 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.0	88.0
98	35.7	21.1	61.1

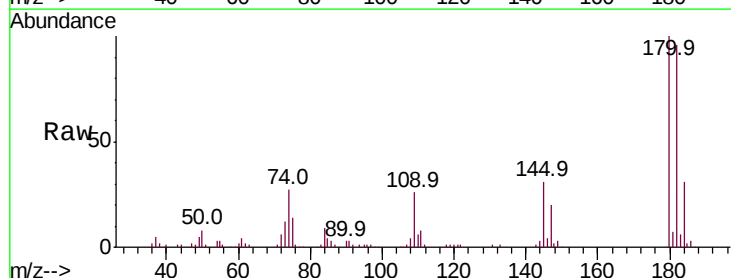


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

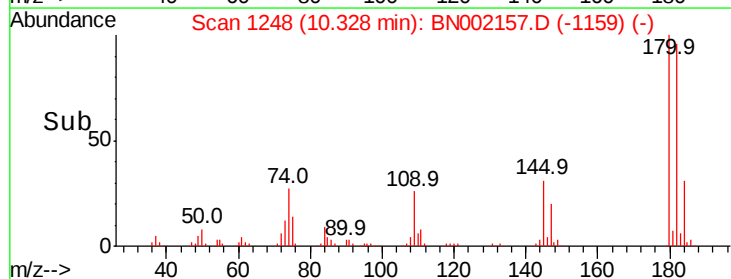
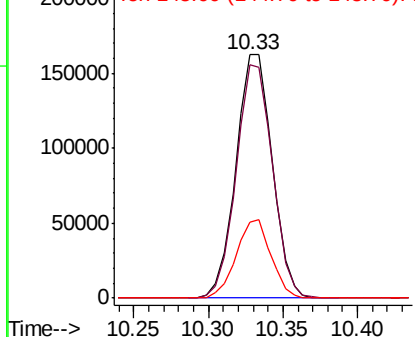


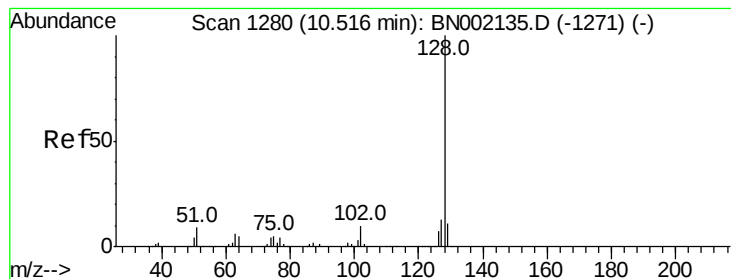
#30
 1,2,4-Trichlorobenzene
 Concen: 19.340 ng
 RT: 10.33 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.5	116.3
145	30.9	23.4	35.2



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: 20.822 ng

RT: 10.52 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

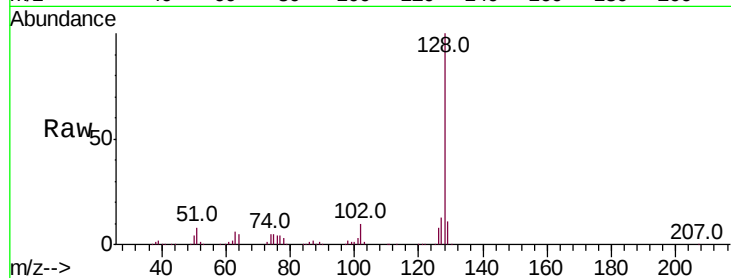
Tot Ion:128 Resp: 831872

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

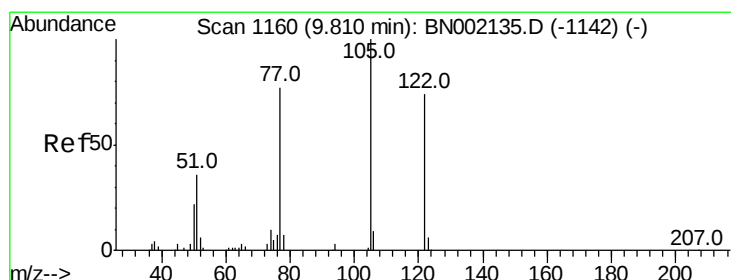
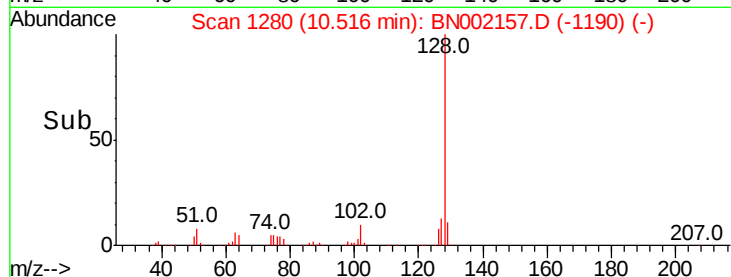
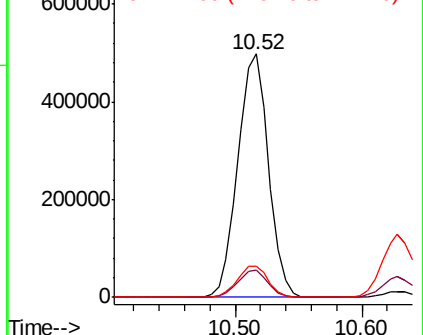
127 12.6 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.889 ng

RT: 9.76 min Scan# 1152

Delta R.T. -0.05 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

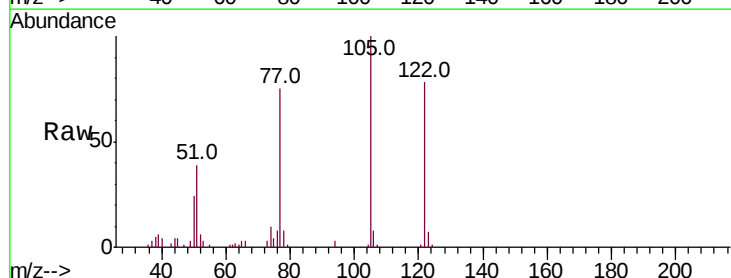
Tgt Ion:122 Resp: 117527

Ion Ratio Lower Upper

122 100

105 128.2 123.5 163.5

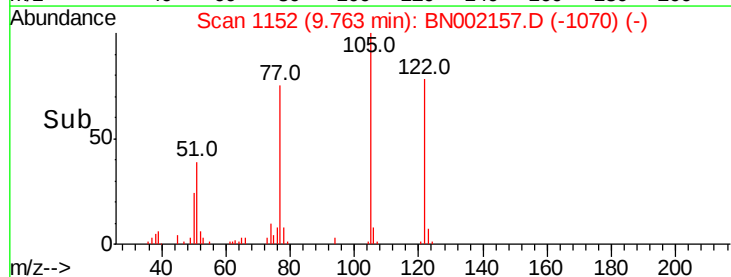
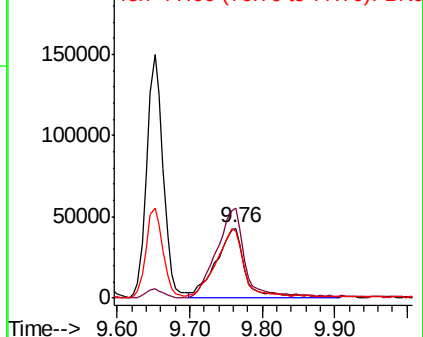
77 96.1 85.7 125.7

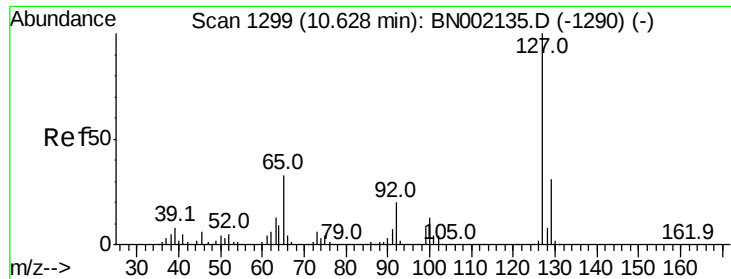


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

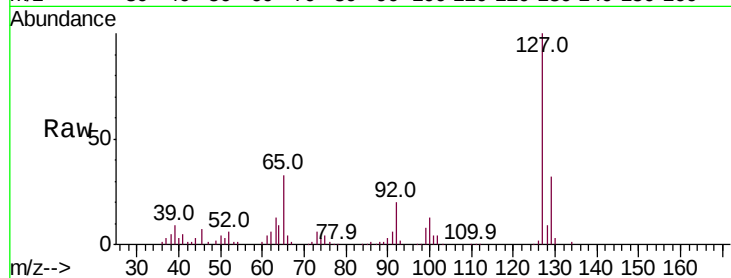




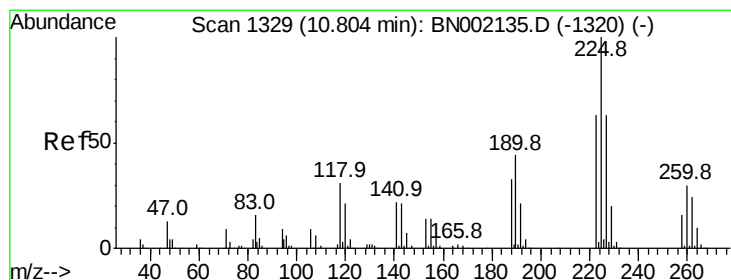
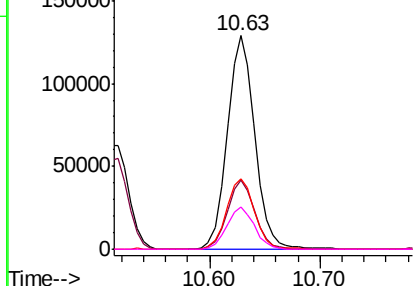
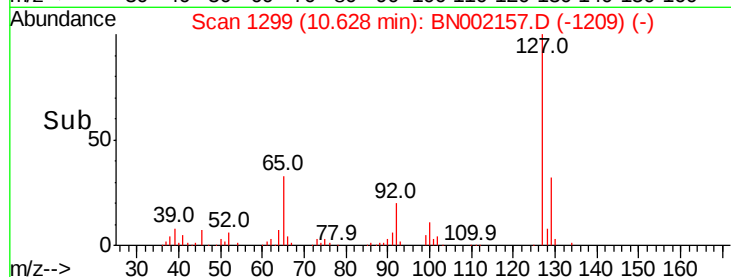
#33
4-Chloroaniline
Concen: 12.637 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:	127	Resp:	224634
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.0	36.0
65	33.0	27.0	40.4
92	19.5	16.6	25.0

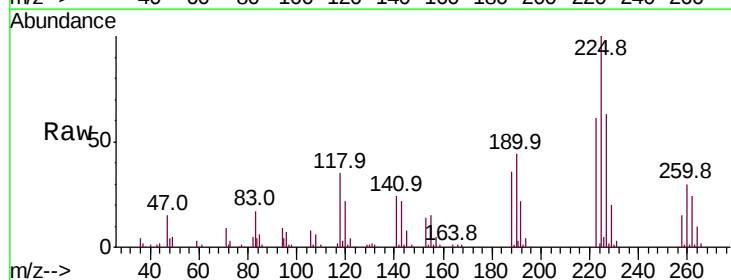


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

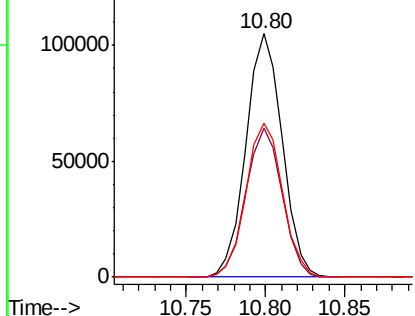
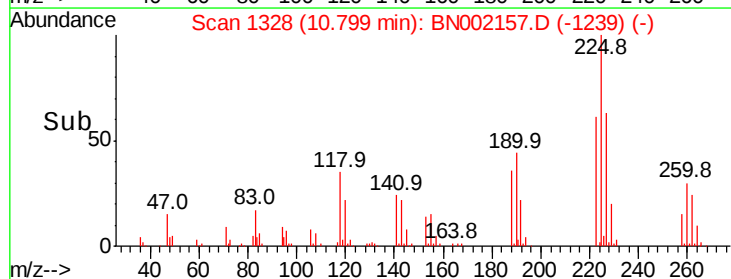


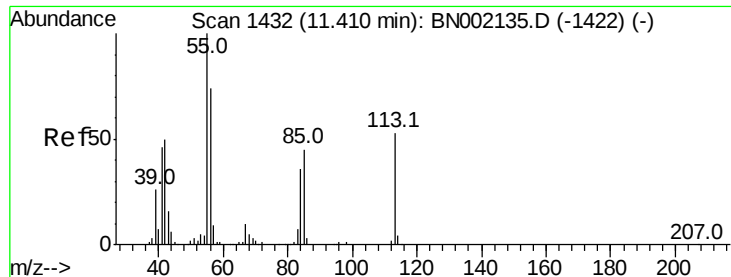
#34
Hexachlorobutadiene
Concen: 19.248 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:	225	Resp:	167296
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	63.3	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 15.082 ng

RT: 11.38 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

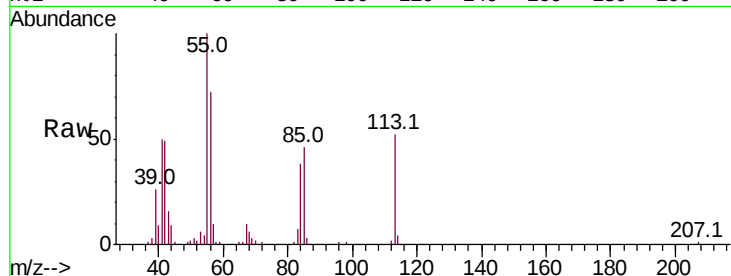
Tot Ion:113 Resp: 64505

Ion Ratio Lower Upper

113 100

55 190.5 120.0 160.0#

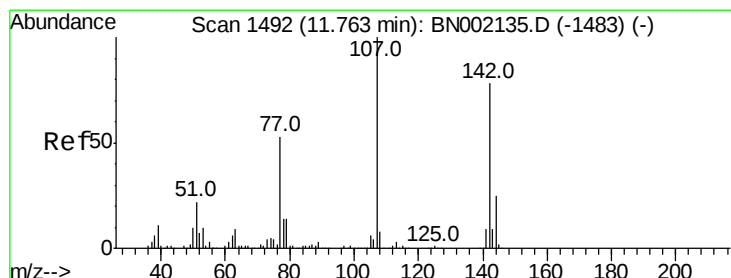
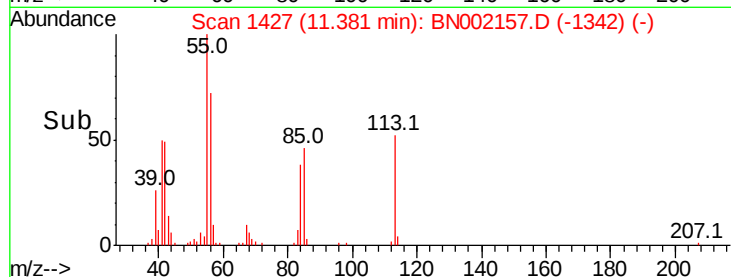
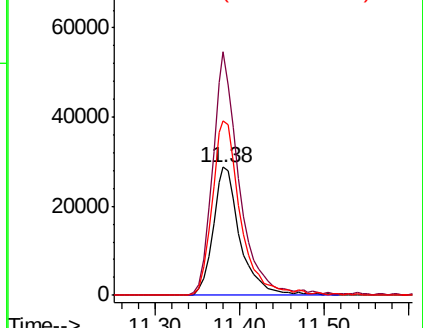
56 136.6 90.0 130.0#



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: 17.342 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

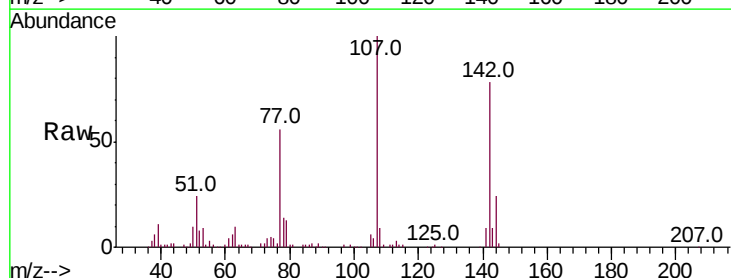
Tgt Ion:107 Resp: 247132

Ion Ratio Lower Upper

107 100

144 24.3 18.2 27.4

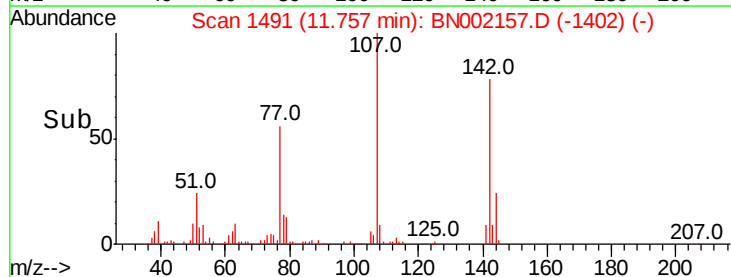
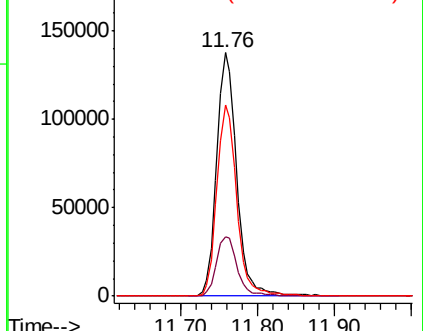
142 78.5 59.0 88.4

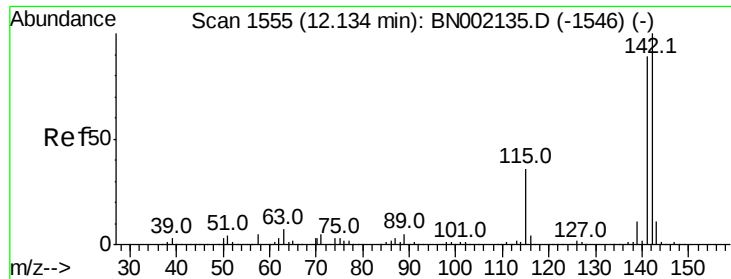


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

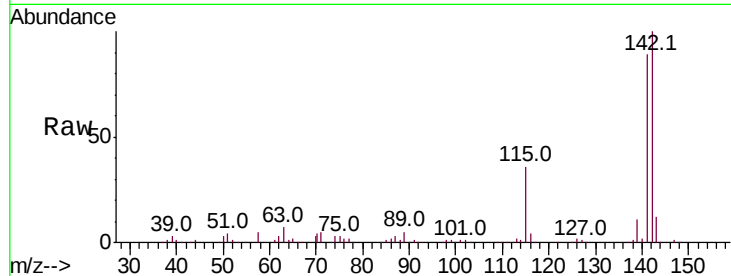




#37
2-Methylnaphthalene
Concen: 20.803 ng
RT: 12.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.1	100.7
115	36.2	30.7	46.1

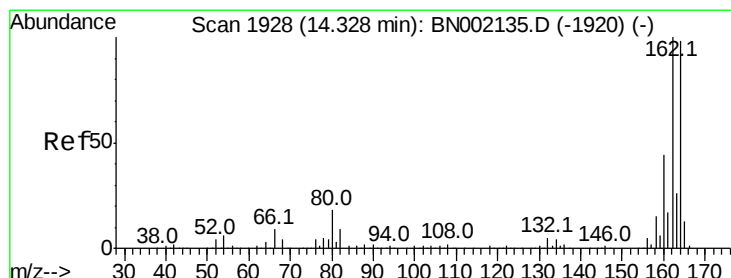
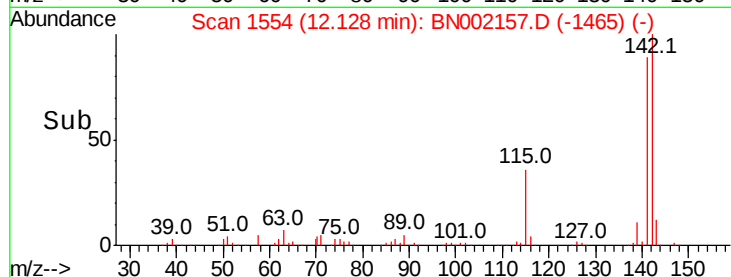
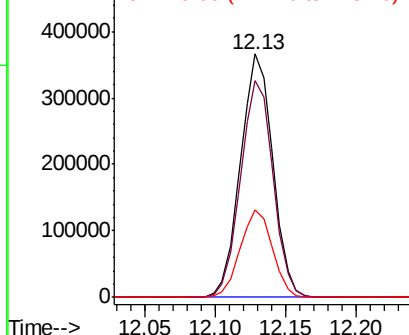


Abundance

Ion 142.00 (141.70 to 142.70): E

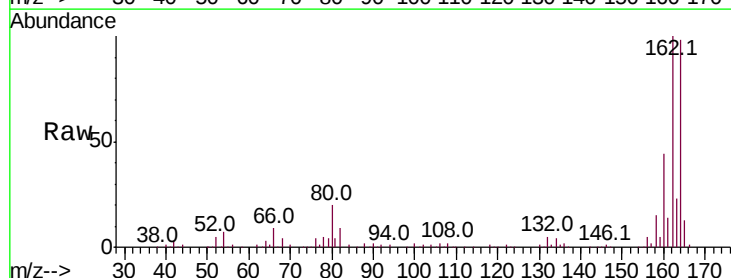
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	44.8	35.4	53.0

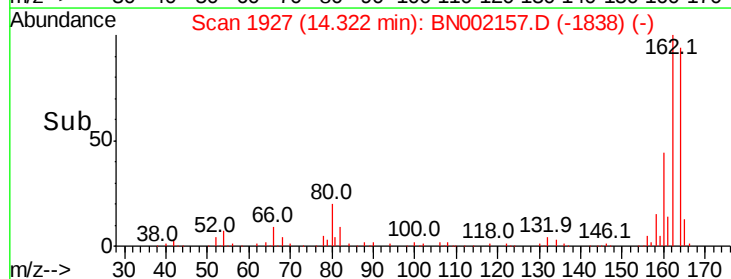
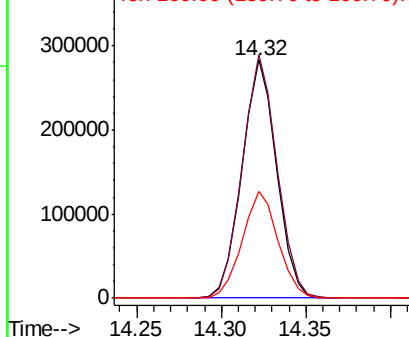


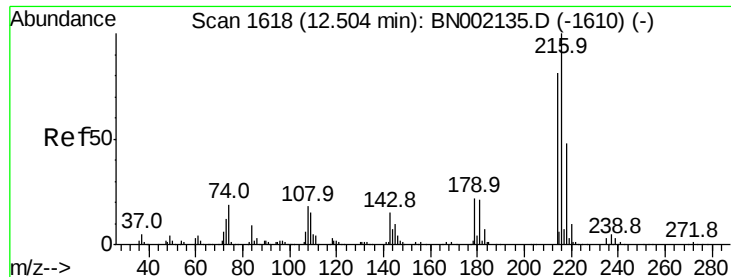
Abundance

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.955 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:216 Resp: 283721

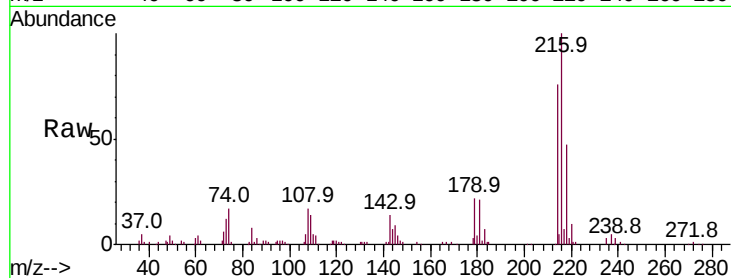
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 21.8 17.0 25.6

108 19.7 12.8 19.2#

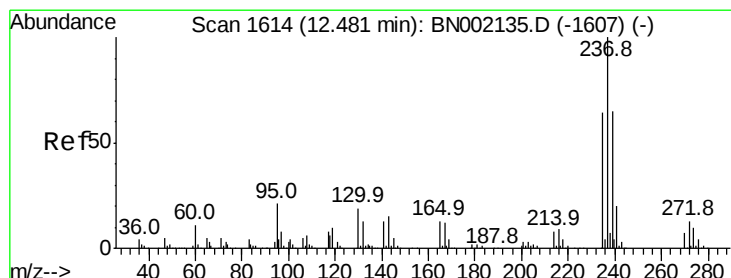
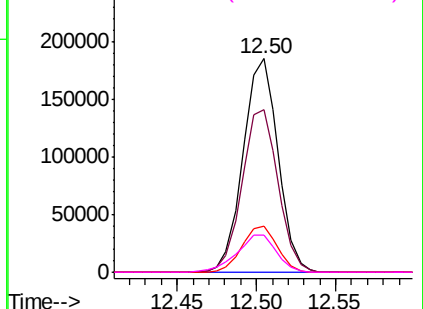
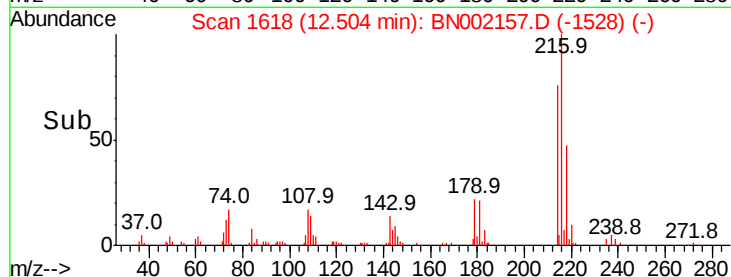


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 24.101 ng

RT: 12.48 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

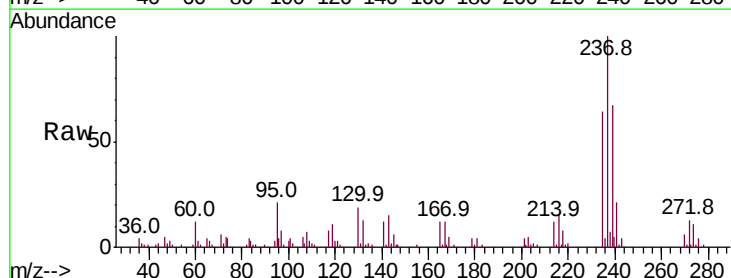
Tgt Ion:237 Resp: 184299

Ion Ratio Lower Upper

237 100

235 64.3 50.4 90.4

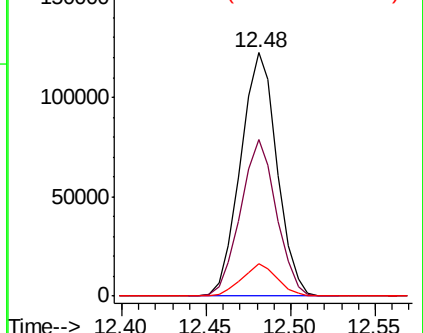
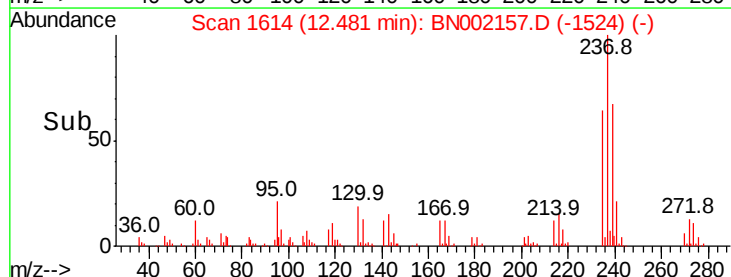
272 13.3 0.0 31.8

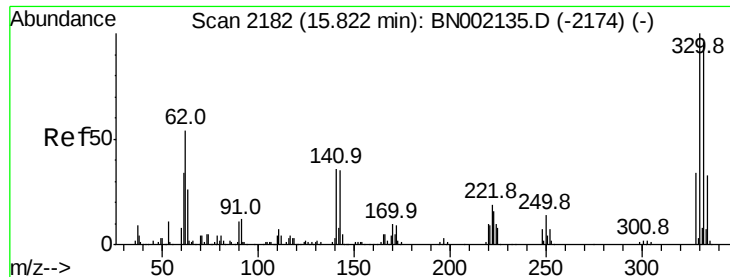


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

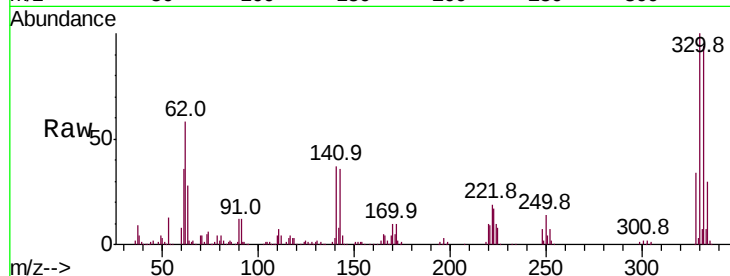




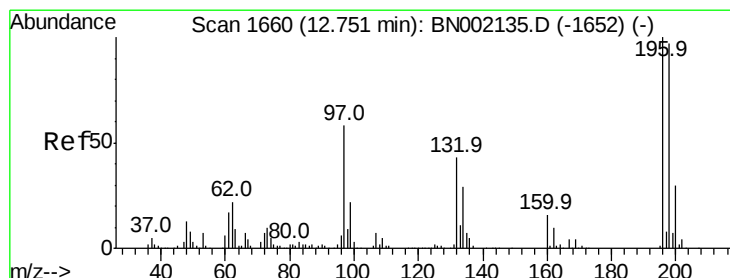
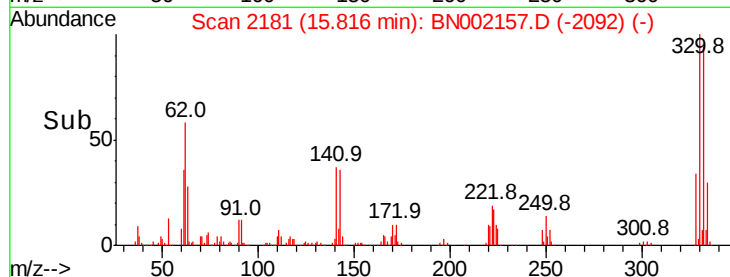
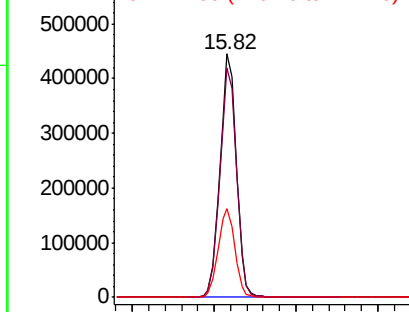
#41
 2,4,6-Tribromophenol
 Concen: 118.547 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion:330 Resp: 619875
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 37.5 25.2 37.8

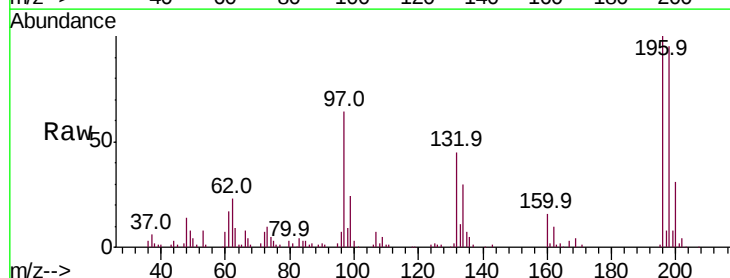


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

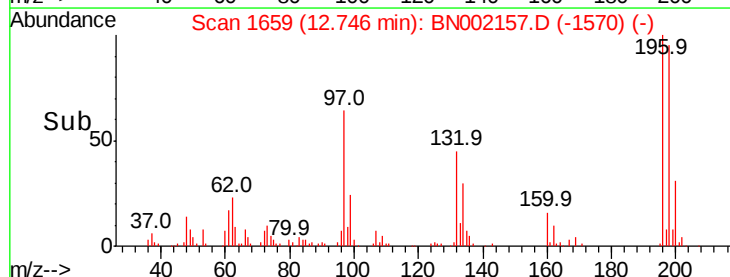
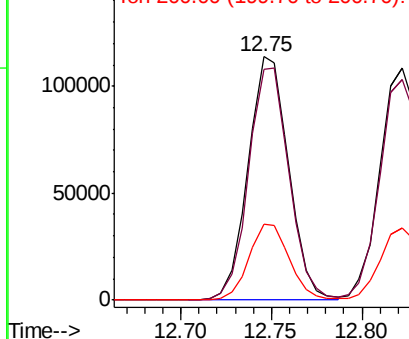


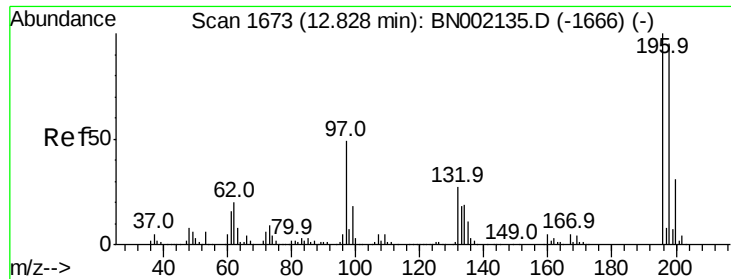
#42
 2,4,6-Trichlorophenol
 Concen: 19.448 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion:196 Resp: 176676
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.2 117.2
 200 31.0 24.6 36.8



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

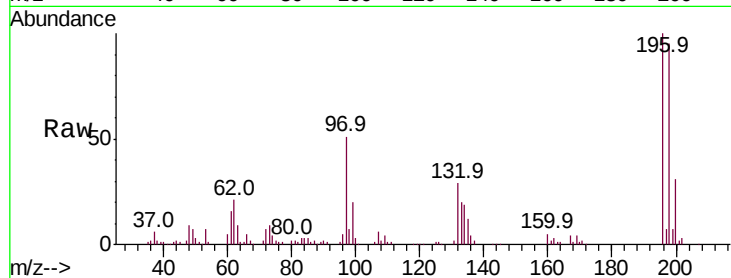




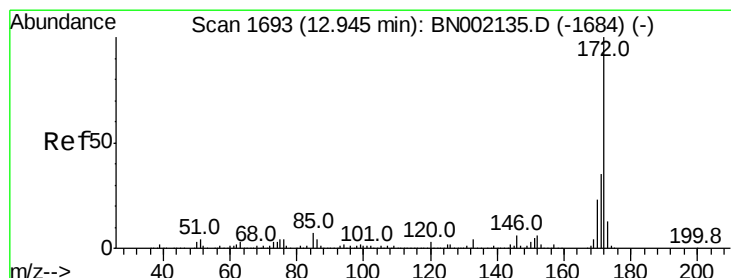
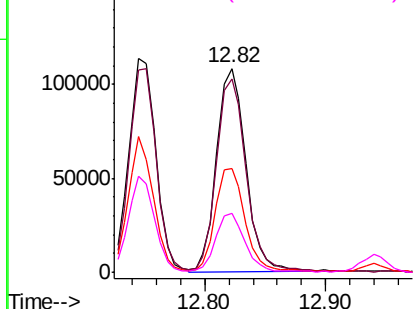
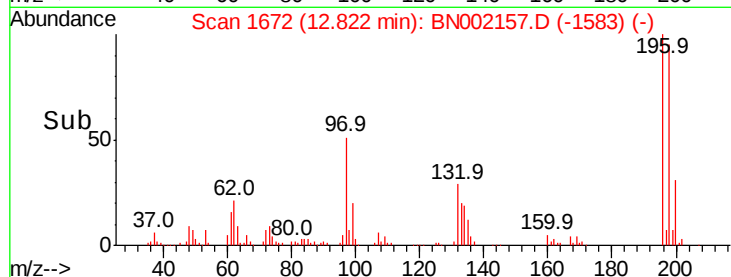
#43
2,4,5-Trichlorophenol
Concen: 18.997 ng
RT: 12.82 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:196 Resp: 182810
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.4
97 50.7 38.7 58.1
132 28.9 20.2 30.2

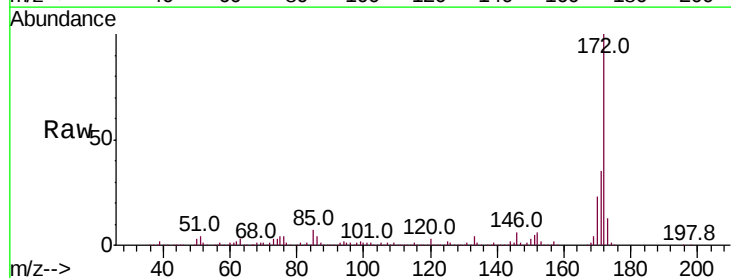


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BNC
Ion 132.00 (131.70 to 132.70): E

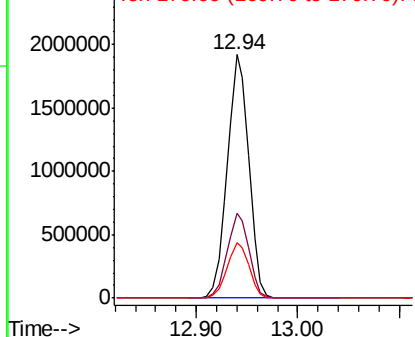
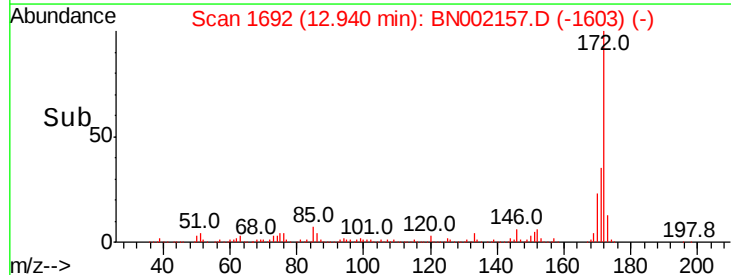


#44
2-Fluorobiphenyl
Concen: 91.280 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:172 Resp: 2821972
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 22.6 19.5 29.3



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

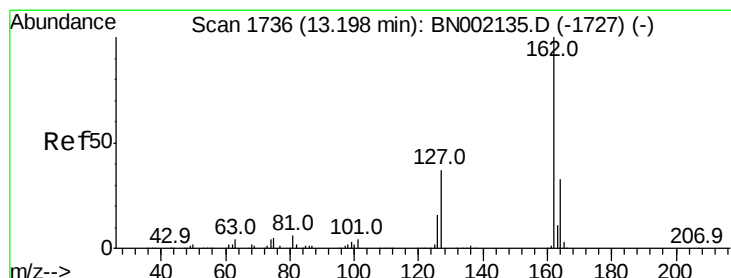
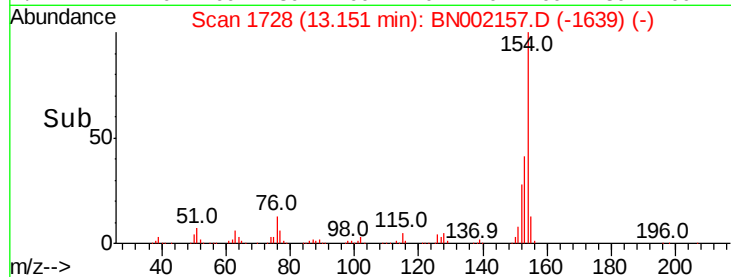
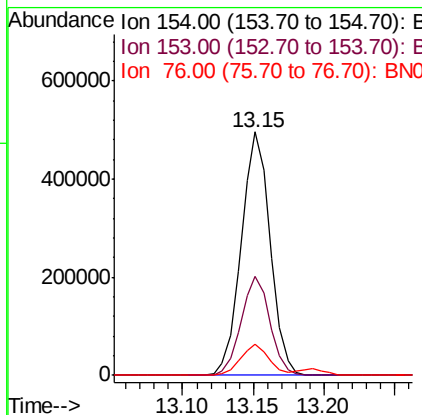
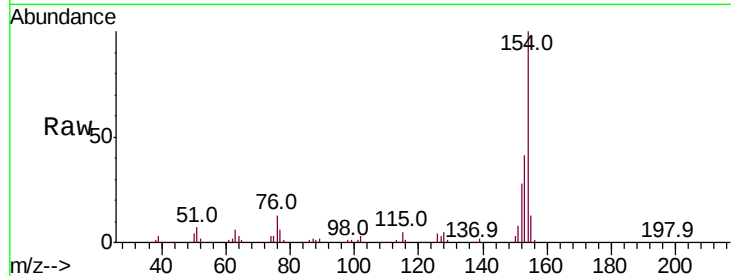




#45
 1,1'-Biphenyl
 Concen: 20.026 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

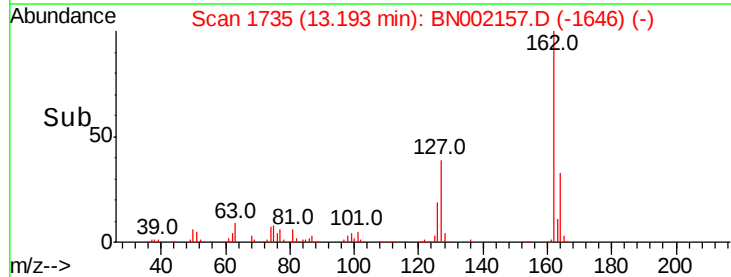
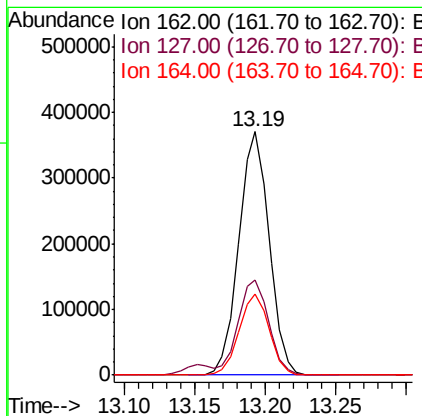
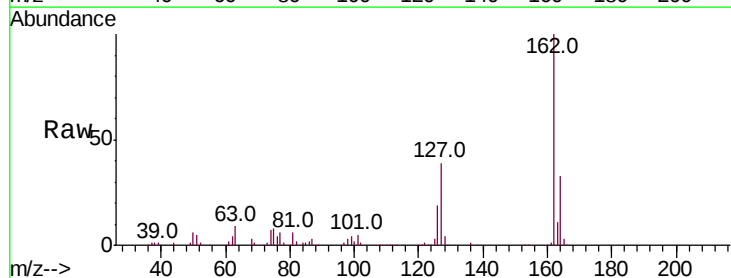
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

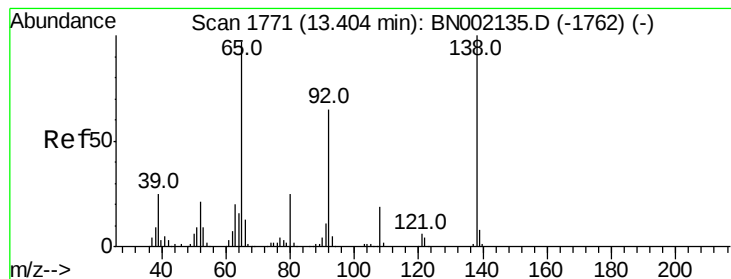
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.8	59.8
76	12.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 20.309 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.7	46.1
164	33.3	26.0	39.0





#47

2-Nitroaniline

Concen: 17.708 ng

RT: 13.40 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

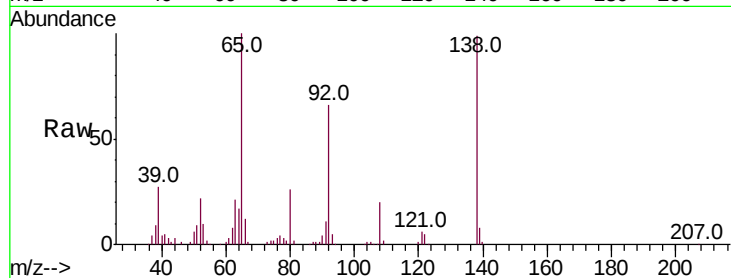
Tot Ion: 65 Resp: 155845

Ion Ratio Lower Upper

65 100

92 66.0 54.6 82.0

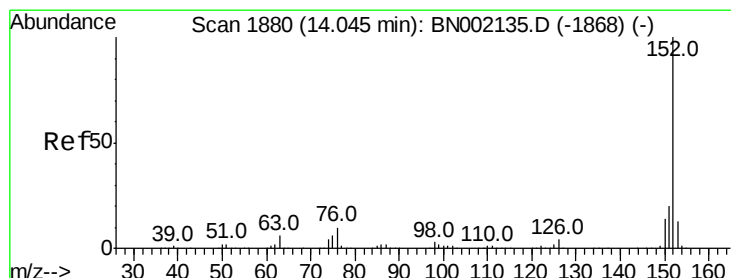
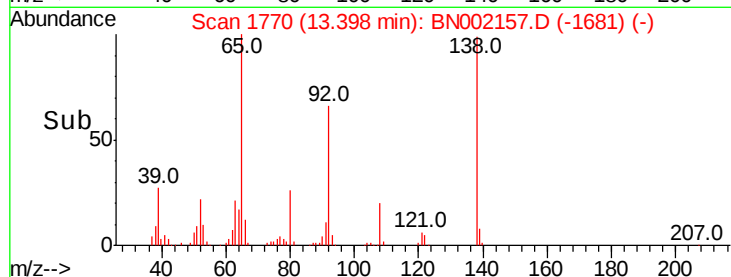
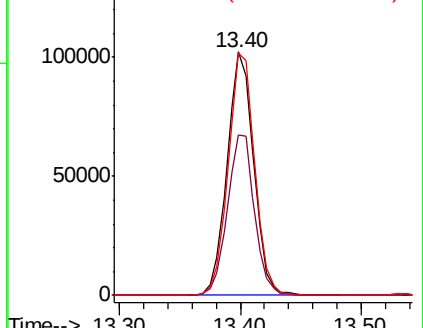
138 99.4 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): BNC



#48

Acenaphthylene

Concen: 20.995 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

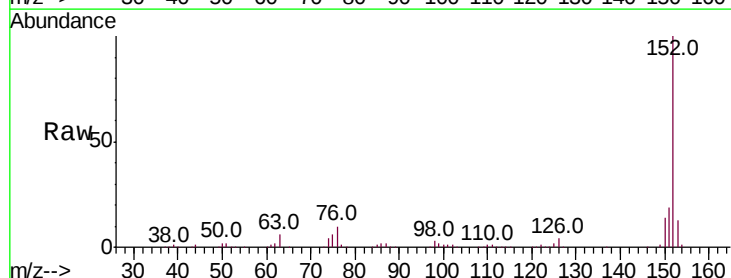
Tgt Ion: 152 Resp: 871386

Ion Ratio Lower Upper

152 100

151 19.0 17.2 25.8

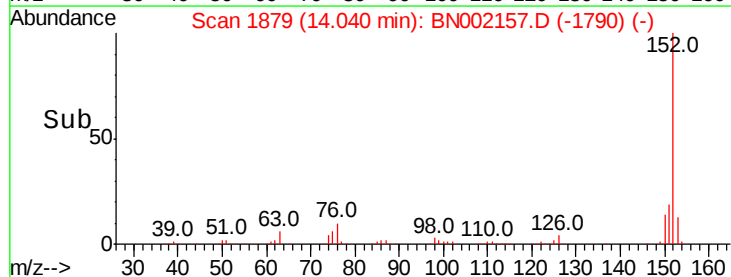
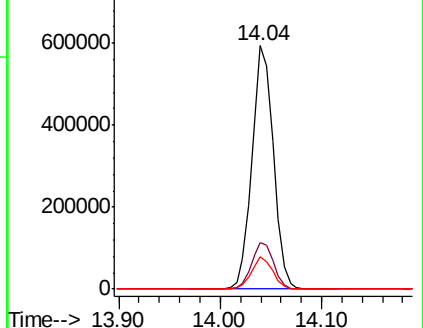
153 13.3 10.2 15.4

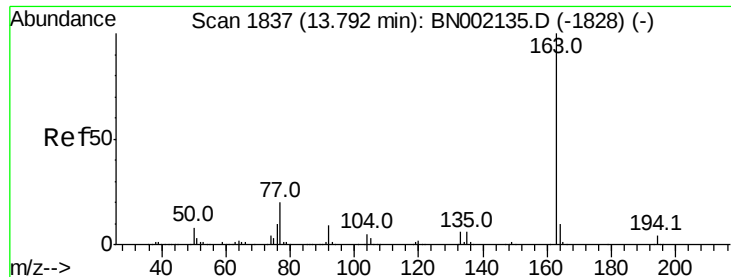


Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC

Ion 153.00 (152.70 to 153.70): BNC





#49

Dimethylphthalate

Concen: 18.805 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

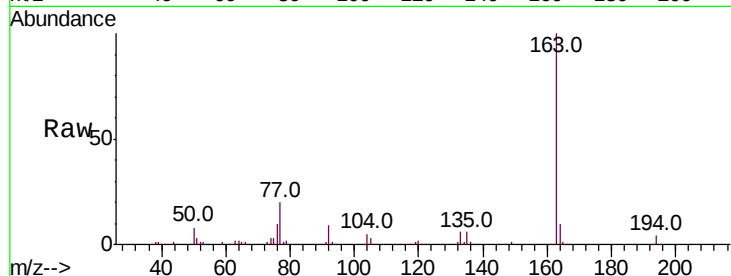
Tot Ion:163 Resp: 628999

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

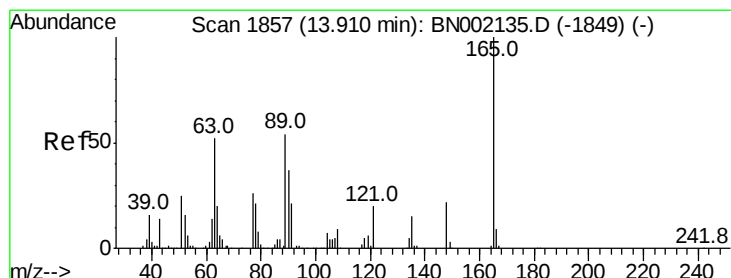
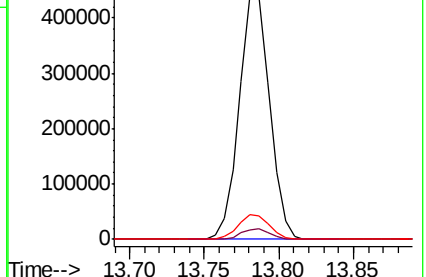
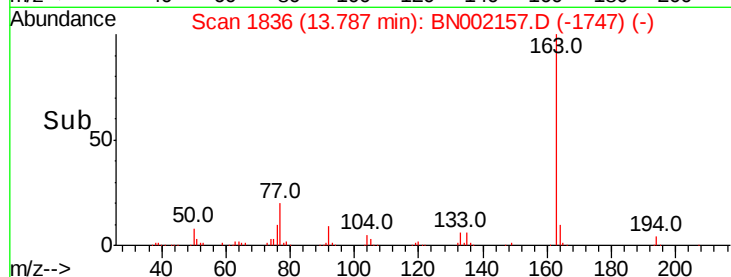
164 9.8 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 18.177 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

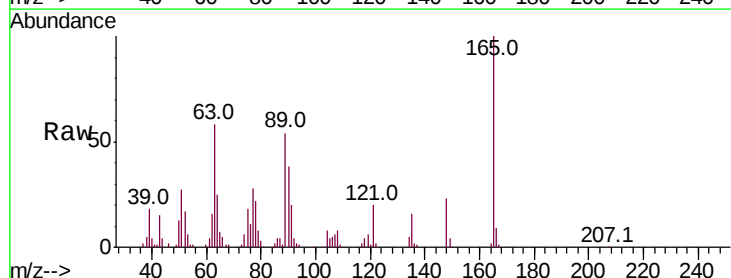
Tgt Ion:165 Resp: 135081

Ion Ratio Lower Upper

165 100

63 58.4 52.7 79.1

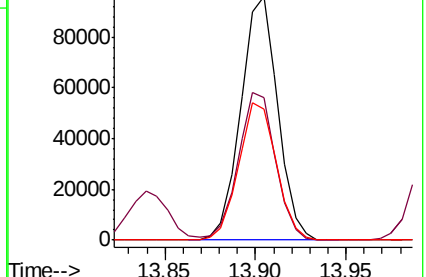
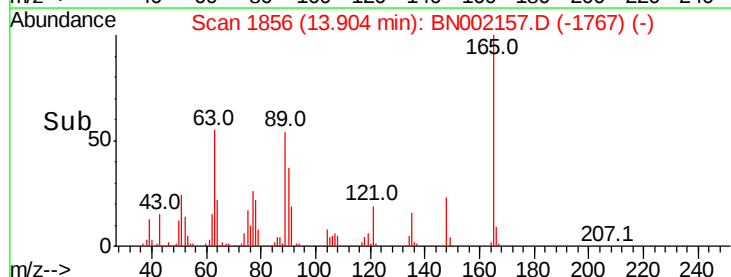
89 53.7 49.2 73.8

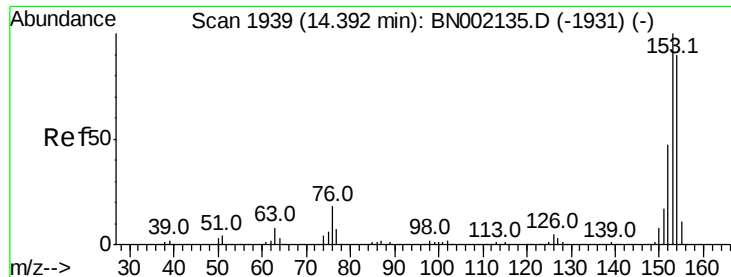


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 20.089 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

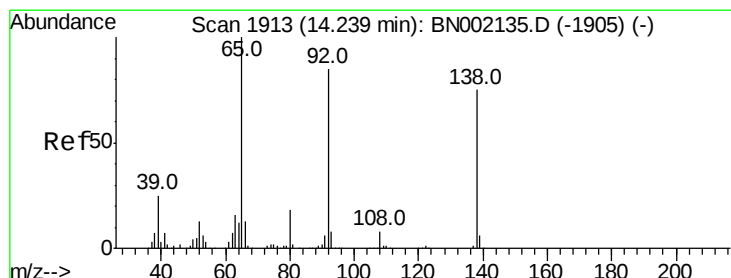
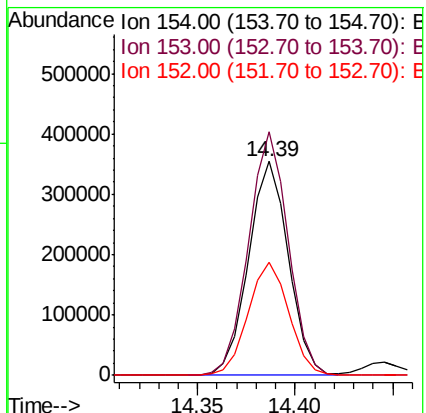
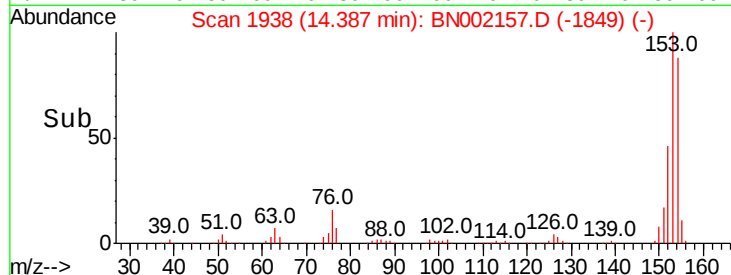
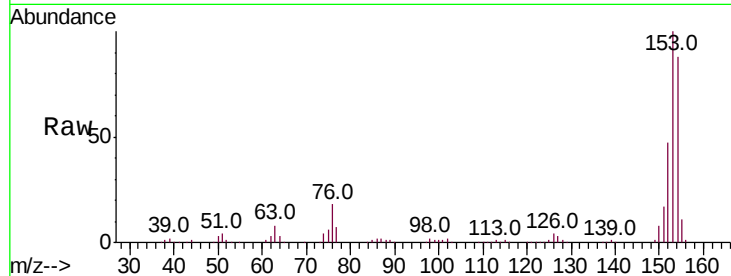
Tot Ion:154 Resp: 502229

Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

152 53.1 41.6 62.4



#52

3-Nitroaniline

Concen: 11.868 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

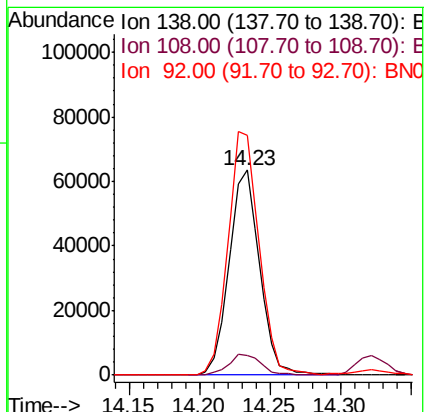
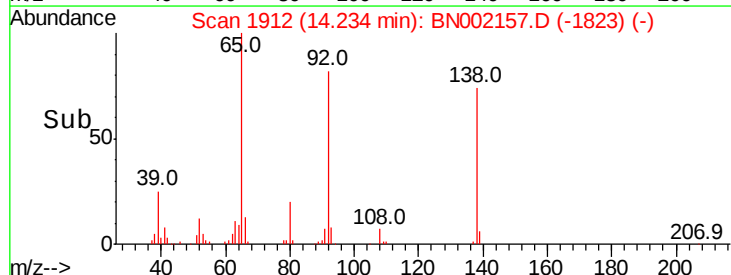
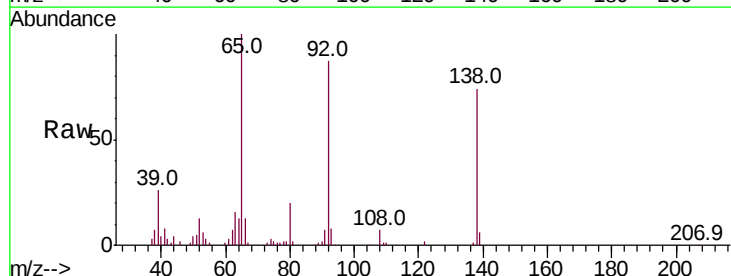
Tgt Ion:138 Resp: 95558

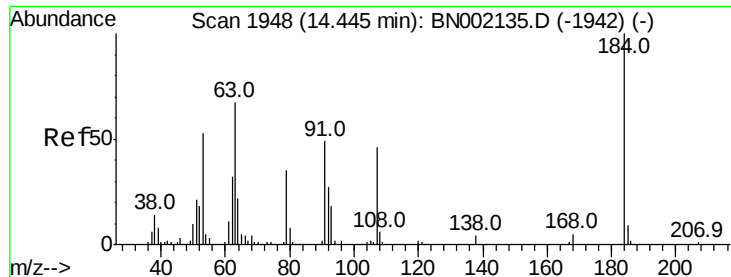
Ion Ratio Lower Upper

138 100

108 9.7 17.5 26.3#

92 117.3 105.8 158.8

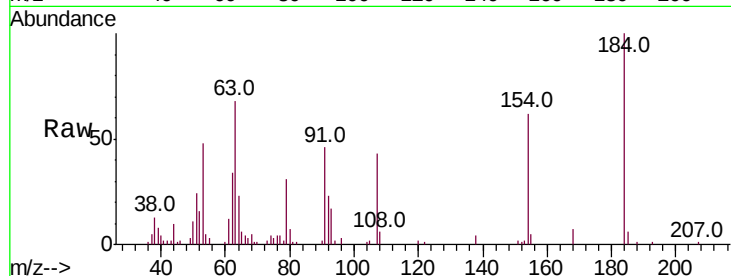




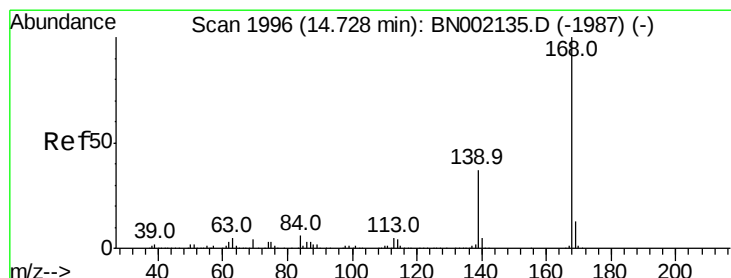
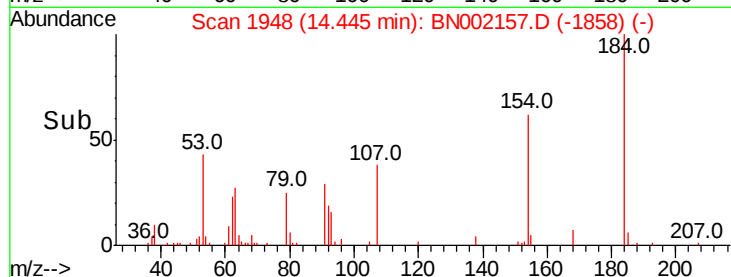
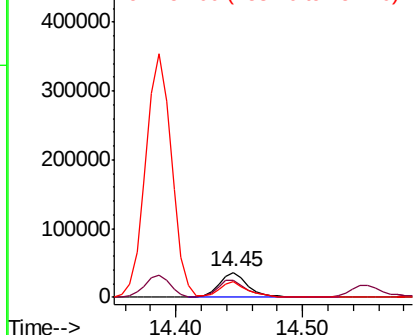
#53
 2,4-Dinitrophenol
 Concen: 14.796 ng
 RT: 14.45 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion:184 Resp: 58219
 Ion Ratio Lower Upper
 184 100
 63 68.2 56.0 84.0
 154 62.4 48.0 72.0

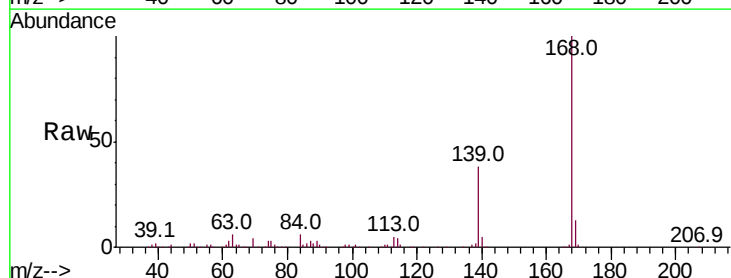


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

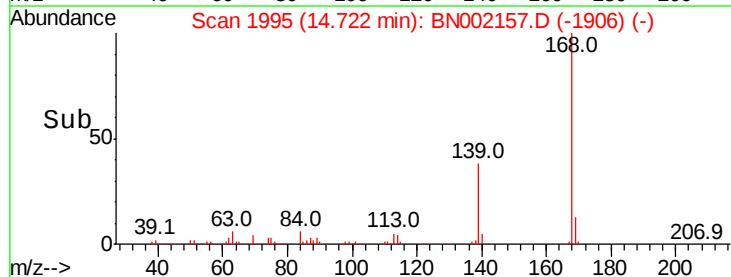
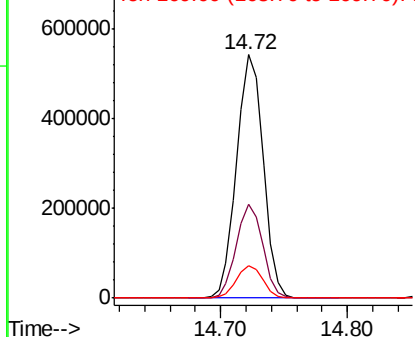


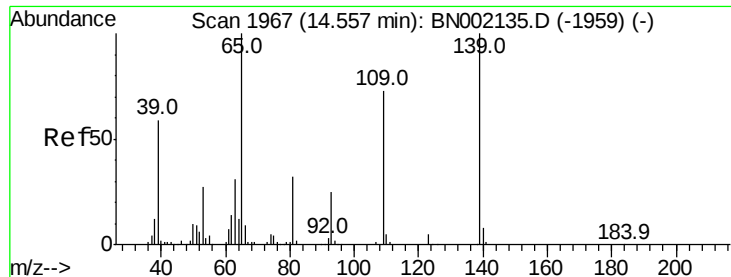
#54
 Dibenzofuran
 Concen: 19.412 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion:168 Resp: 786855
 Ion Ratio Lower Upper
 168 100
 139 38.5 28.6 43.0
 169 13.1 11.2 16.8



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

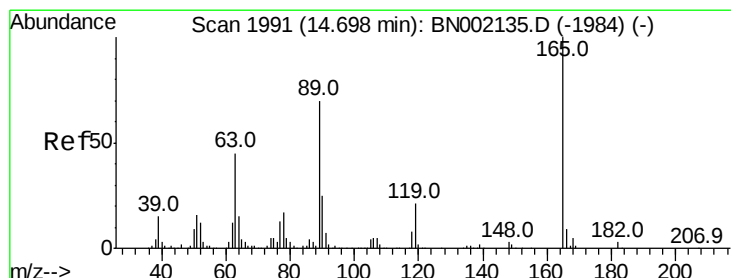
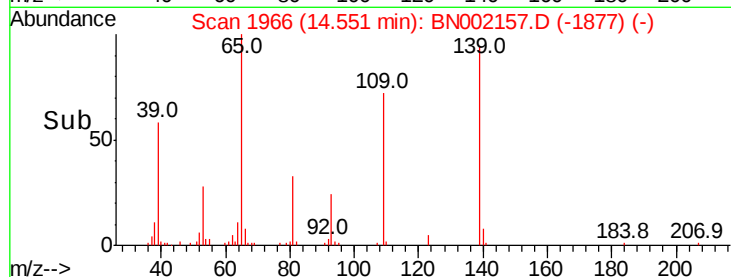
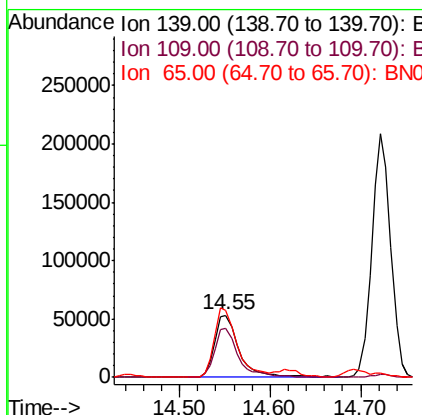
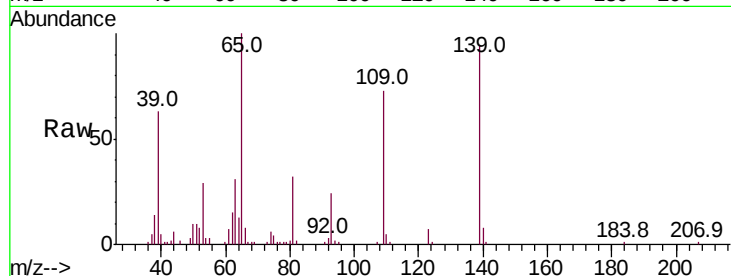




#55
4-Nitrophenol
Concen: 16.368 ng
RT: 14.55 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

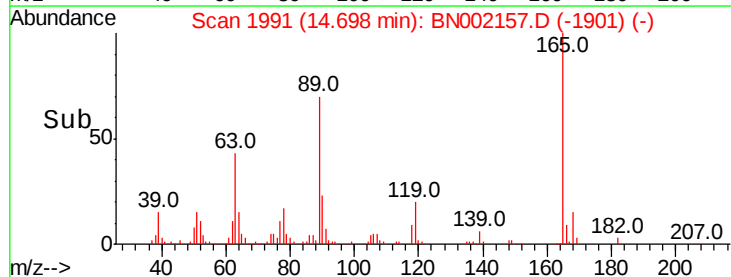
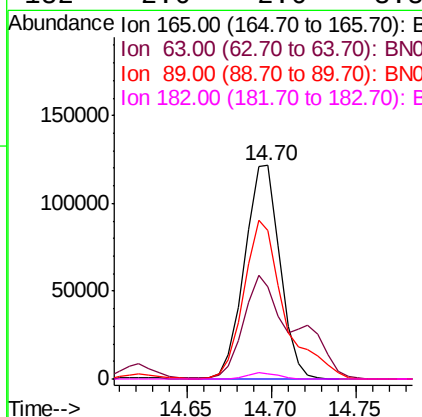
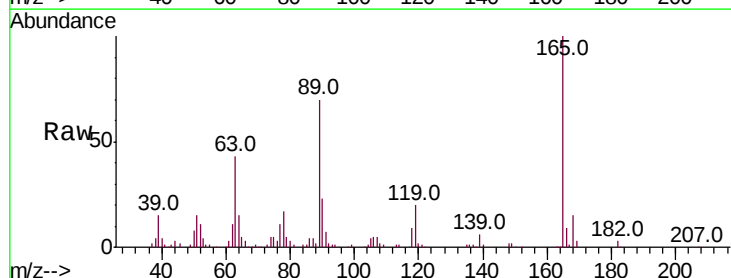
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

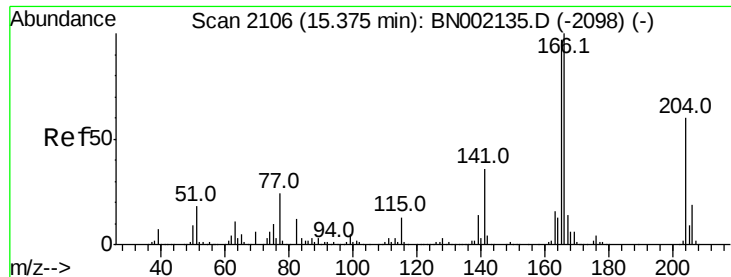
Tot Ion:139 Resp: 101180
Ion Ratio Lower Upper
139 100
109 77.8 62.2 102.2
65 106.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 17.625 ng
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:165 Resp: 177758
Ion Ratio Lower Upper
165 100
63 43.0 42.0 63.0
89 69.8 66.9 100.3
182 2.6 2.6 3.8

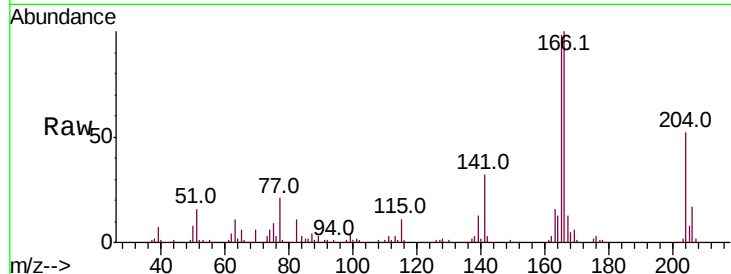




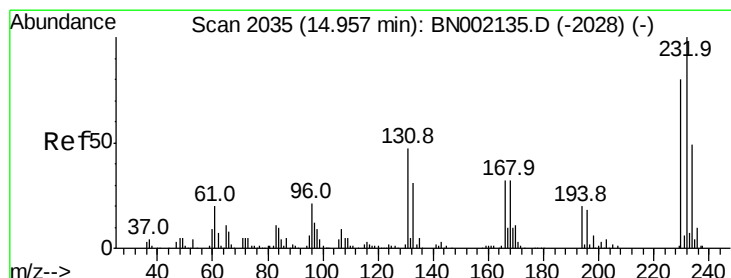
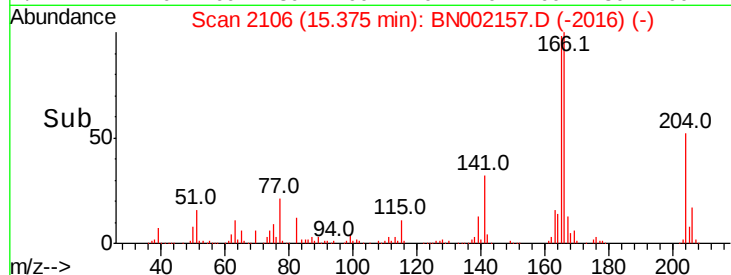
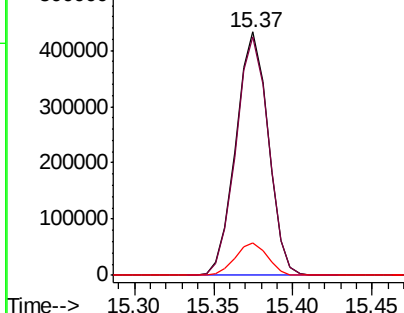
#57
 Fluorene
 Concen: 20.109 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion:166 Resp: 614366
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.6 121.0
 167 13.3 10.4 15.6

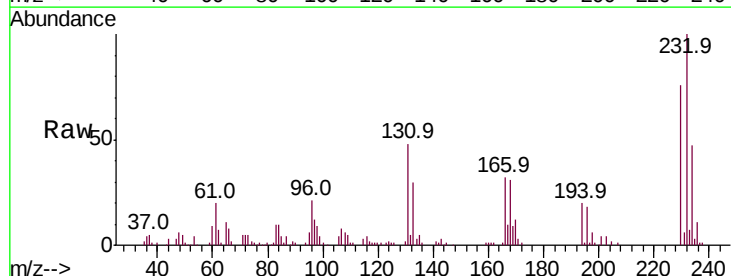


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

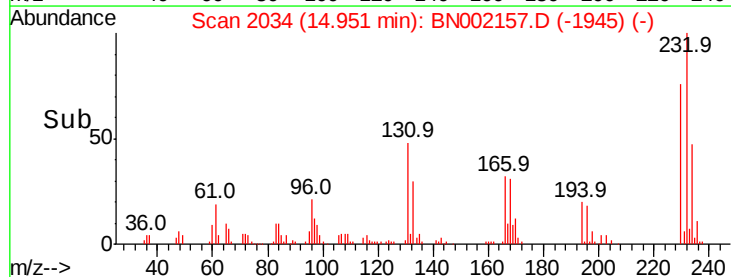
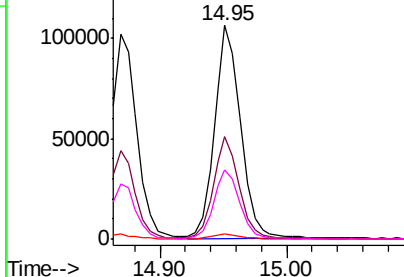


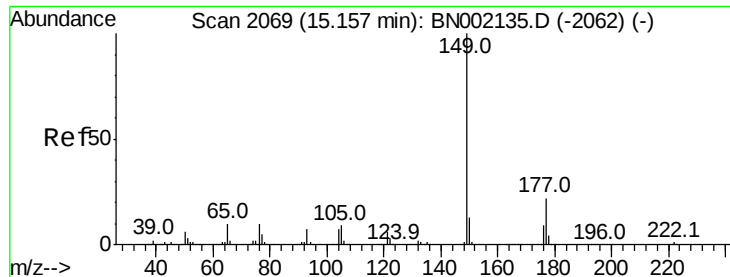
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.332 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion:232 Resp: 151716
 Ion Ratio Lower Upper
 232 100
 131 47.9 33.5 50.3
 130 2.5 2.2 3.2
 166 32.5 24.8 37.2



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

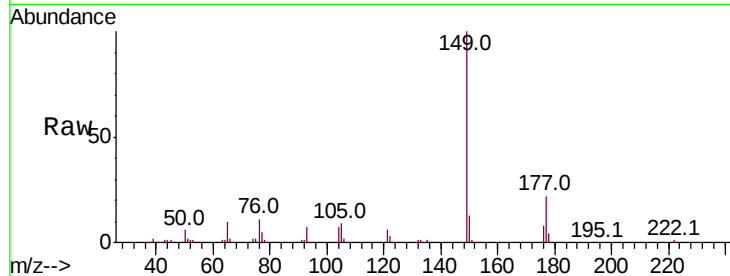




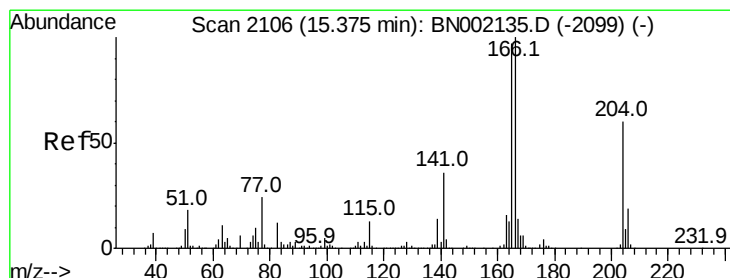
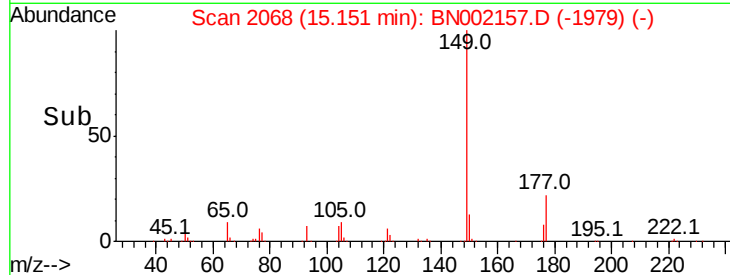
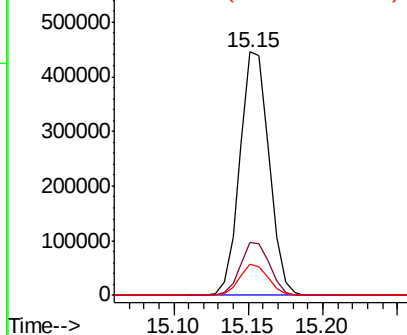
#59
Diethylphthalate
Concen: 17.738 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:149 Resp: 603897
Ion Ratio Lower Upper
149 100
177 21.9 18.5 27.7
150 12.8 10.2 15.2

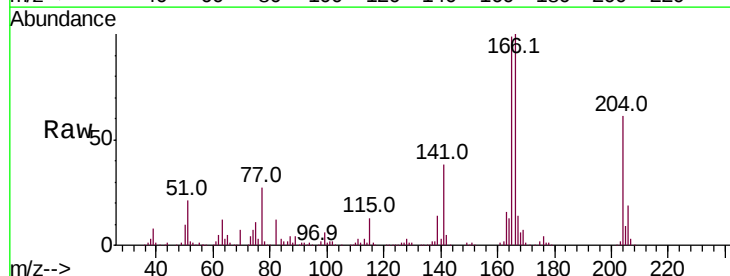


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

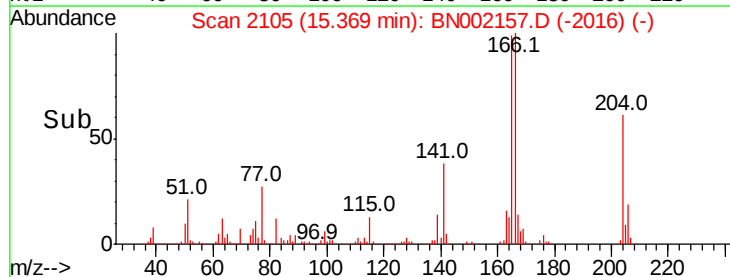
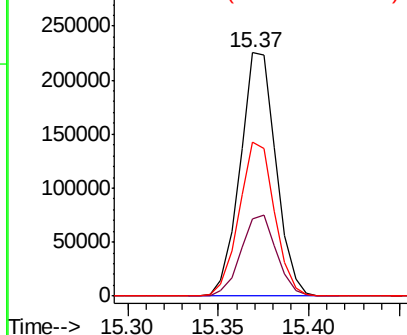


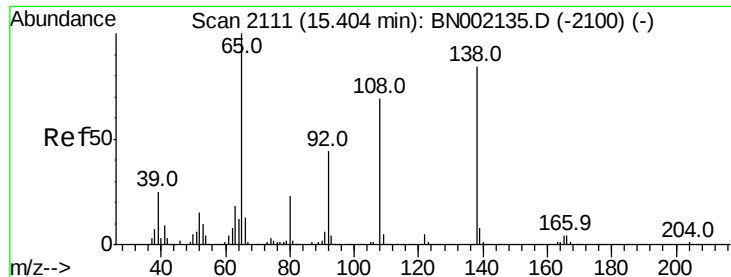
#60
4-Chlorophenyl-phenylether
Concen: 18.254 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:204 Resp: 308593
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 63.0 45.8 68.6



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

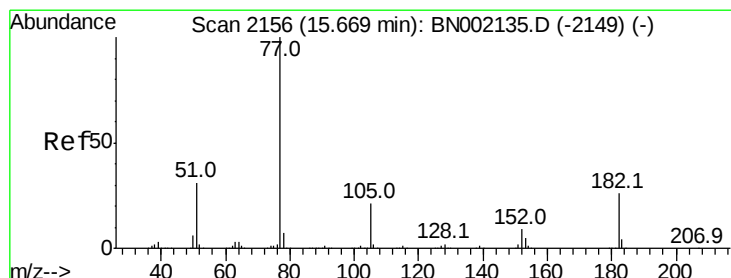
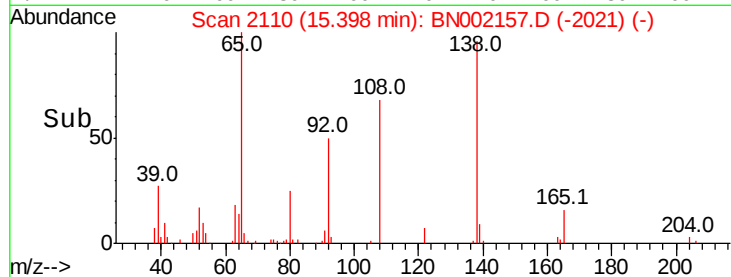
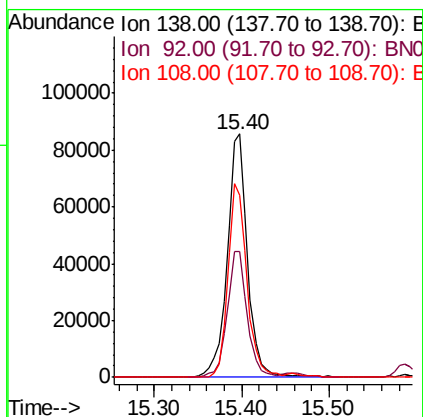
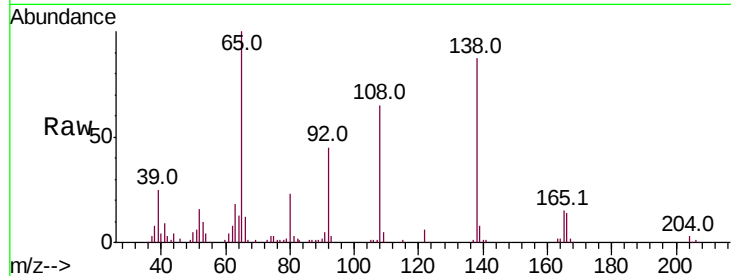




#61
4-Nitroaniline
Concen: 16.593 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

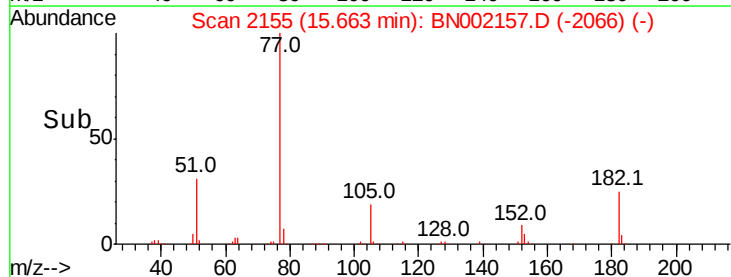
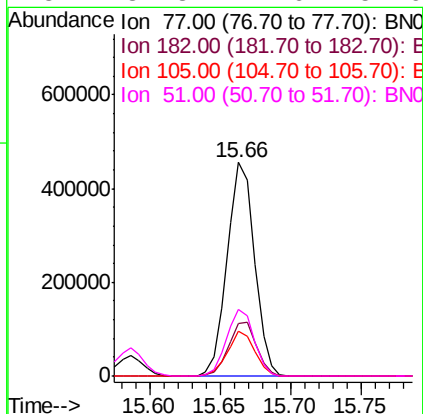
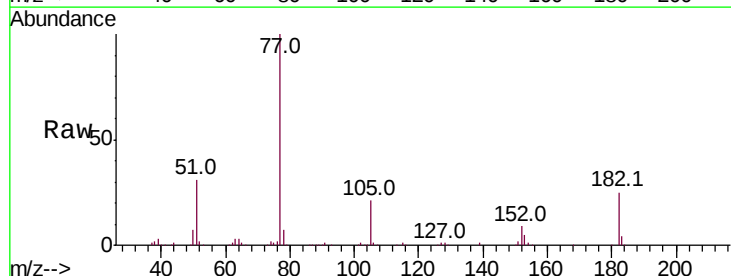
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

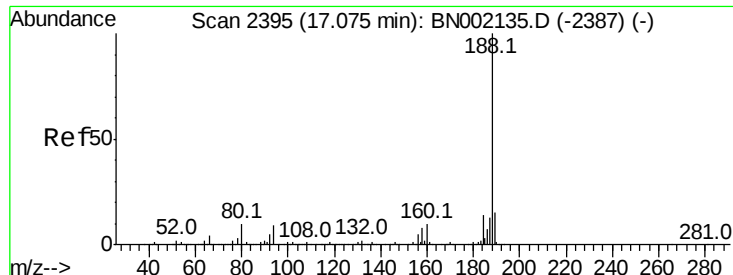
Tot Ion:138 Resp: 136195
Ion Ratio Lower Upper
138 100
92 51.6 40.1 80.1
108 75.0 65.4 105.4



#62
Azobenzene
Concen: 18.916 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion: 77 Resp: 617928
Ion Ratio Lower Upper
77 100
182 24.5 7.4 47.4
105 20.8 0.3 40.3
51 31.3 11.6 51.6

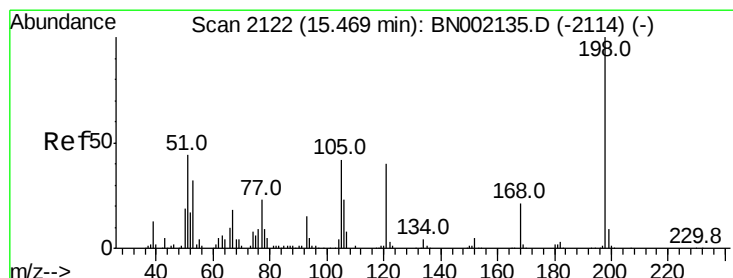
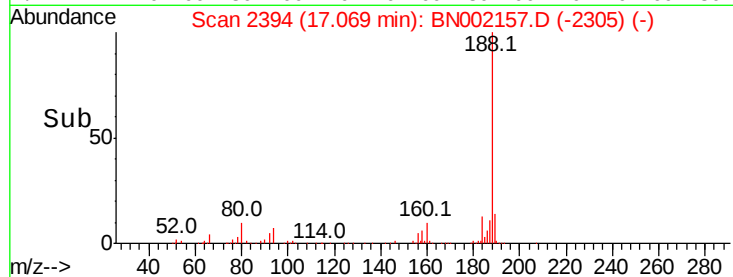
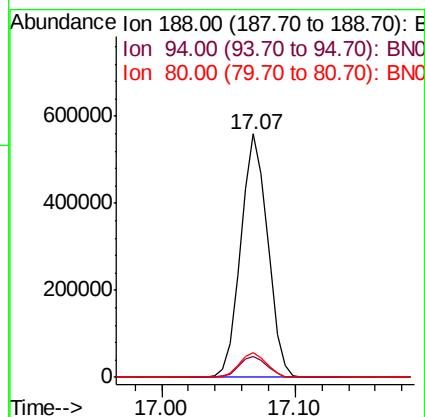
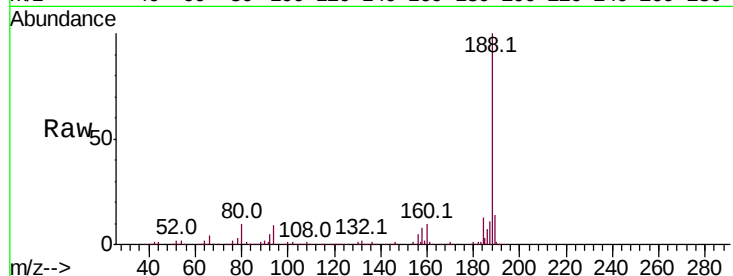




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

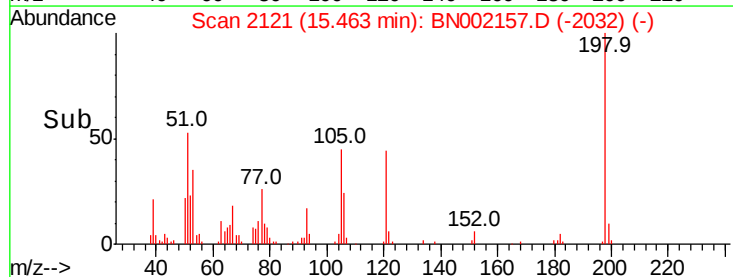
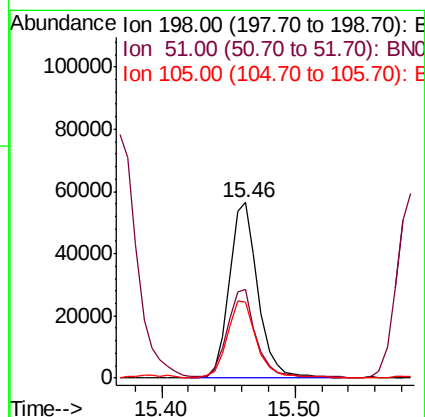
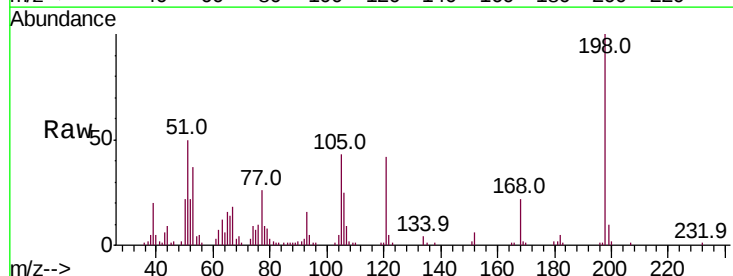
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

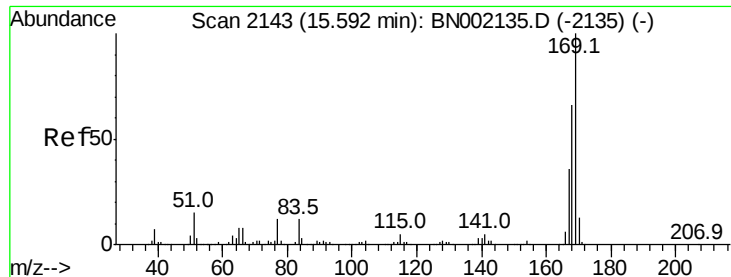
Tot Ion:188 Resp: 777598
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.0 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 16.087 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:198 Resp: 84455
Ion Ratio Lower Upper
198 100
51 50.4 30.6 70.6
105 43.0 23.8 63.8

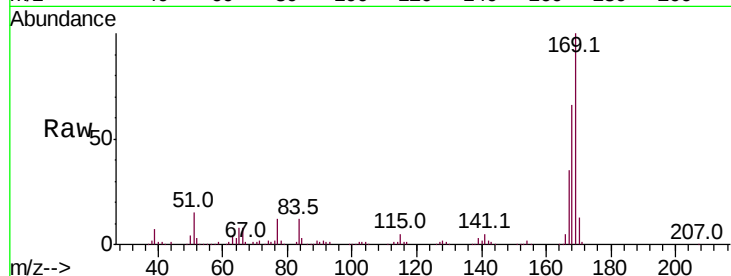




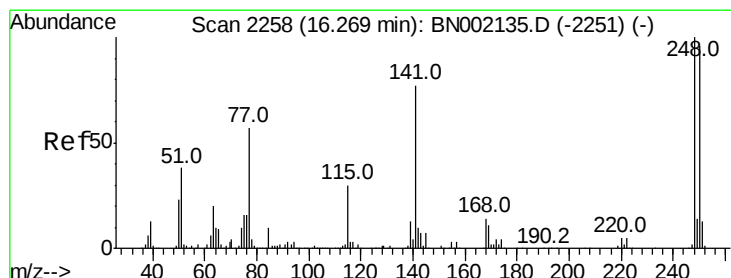
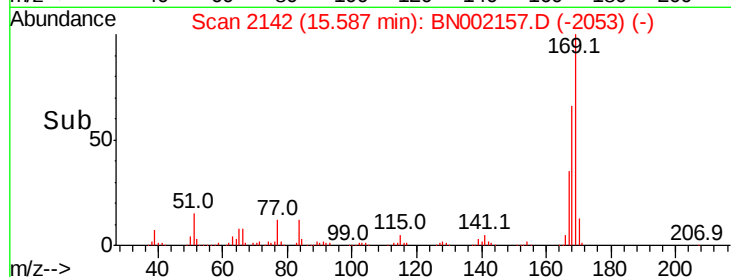
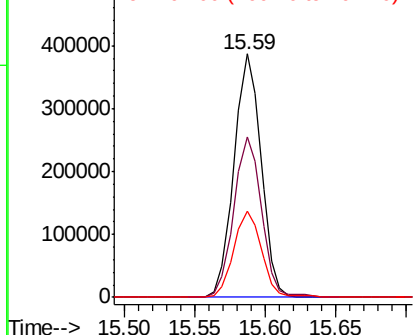
#65
 n-Nitrosodiphenylamine
 Concen: 20.123 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion:169 Resp: 519242
 Ion Ratio Lower Upper
 169 100
 168 65.7 55.7 83.5
 167 35.4 30.1 45.1

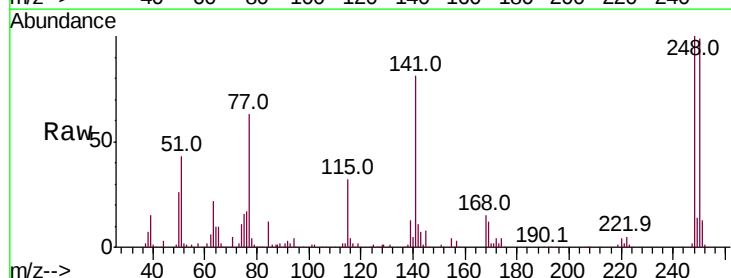


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

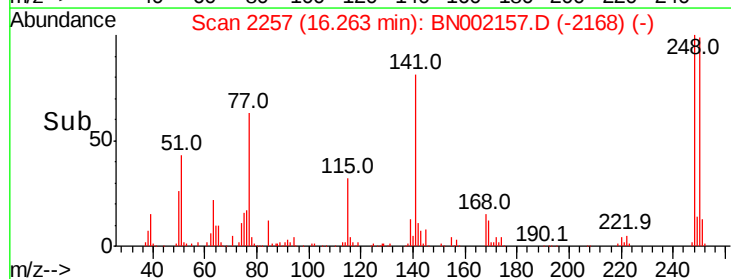
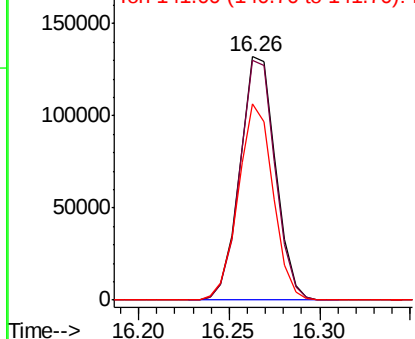


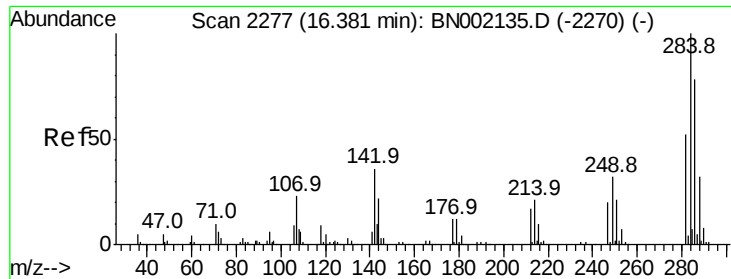
#66
 4-Bromophenyl-phenylether
 Concen: 19.801 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion:248 Resp: 180248
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.1 115.7
 141 80.6 50.8 76.2#



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

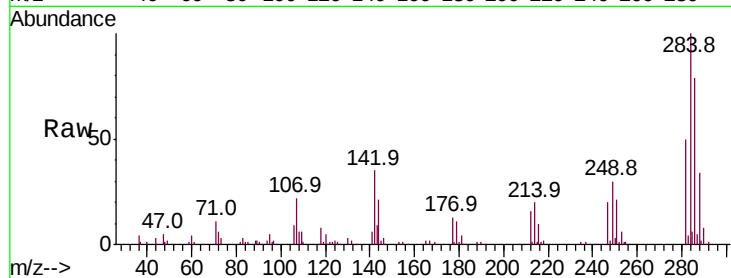




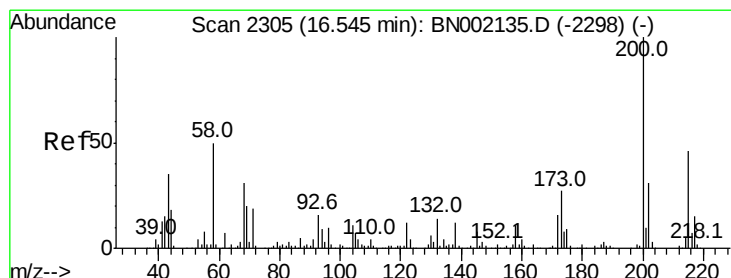
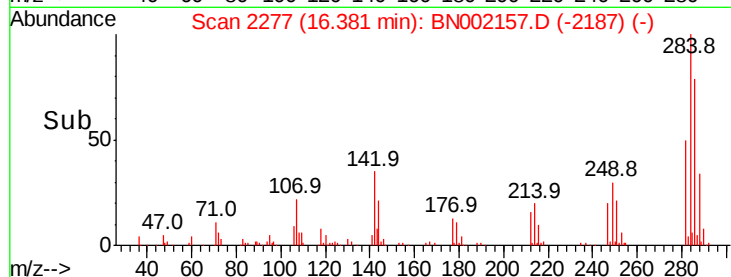
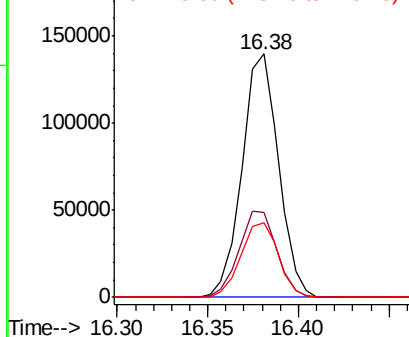
#67
Hexachlorobenzene
Concen: 19.390 ng
RT: 16.38 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:284 Resp: 195230
Ion Ratio Lower Upper
284 100
142 35.0 26.8 40.2
249 30.4 26.3 39.5

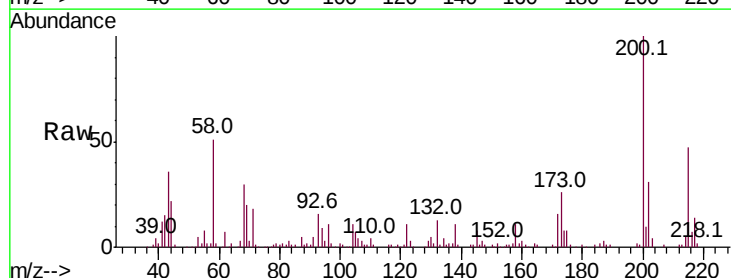


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

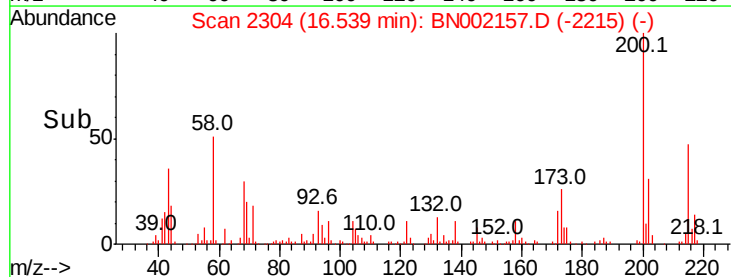
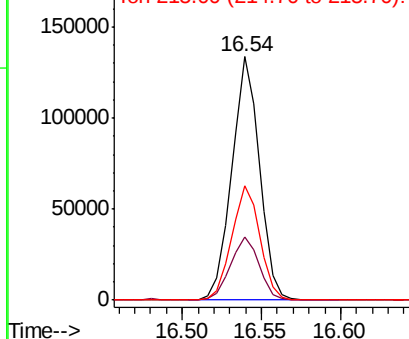


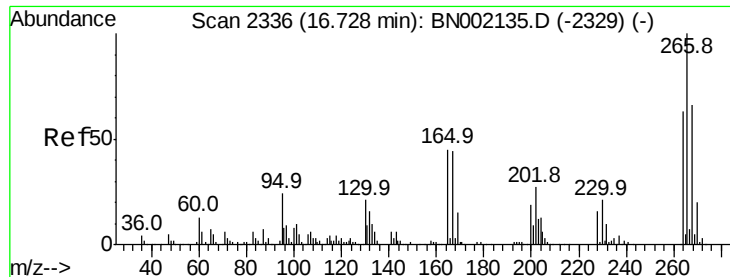
#68
Atrazine
Concen: 18.536 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:200 Resp: 161026
Ion Ratio Lower Upper
200 100
173 25.8 5.2 45.2
215 46.9 30.4 70.4



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





#69

Pentachlorophenol

Concen: 13.039 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

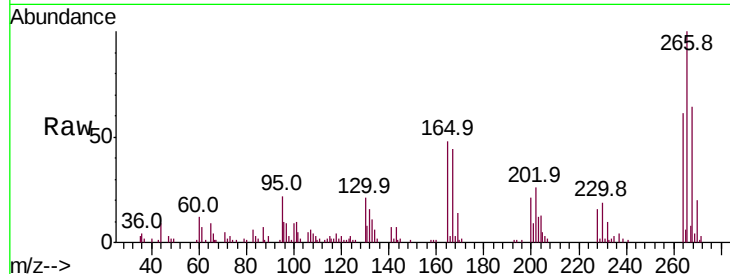
Tot Ion:266 Resp: 84510

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

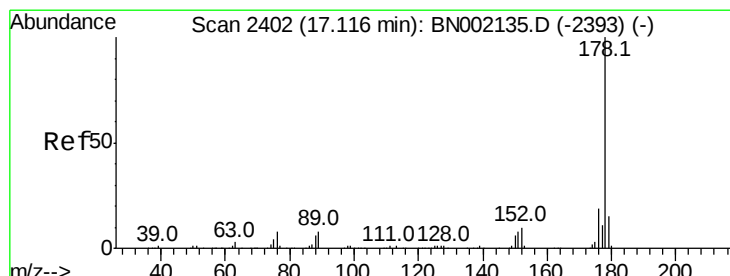
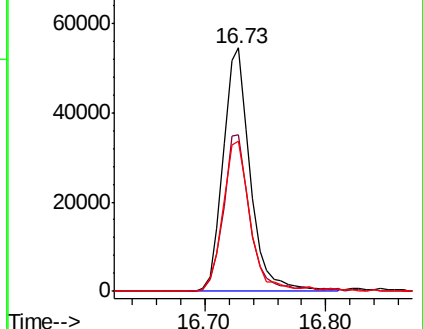
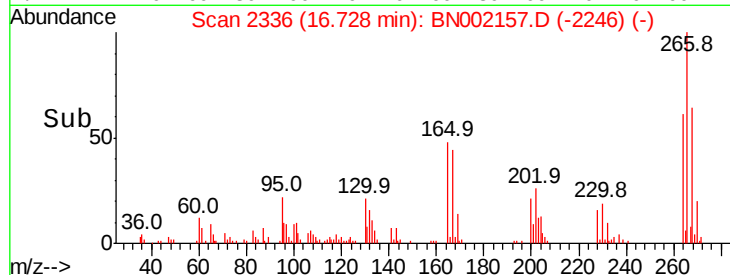
264 61.5 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 20.918 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

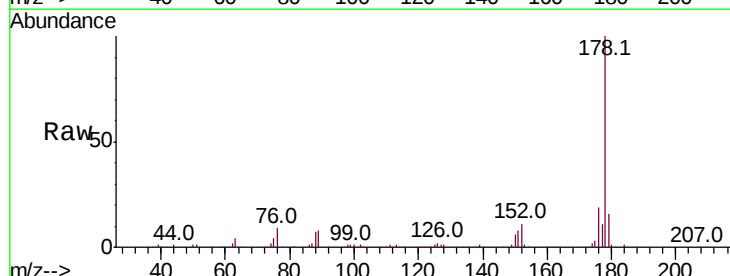
Tgt Ion:178 Resp: 887833

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

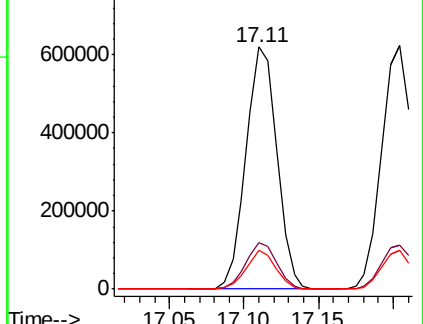
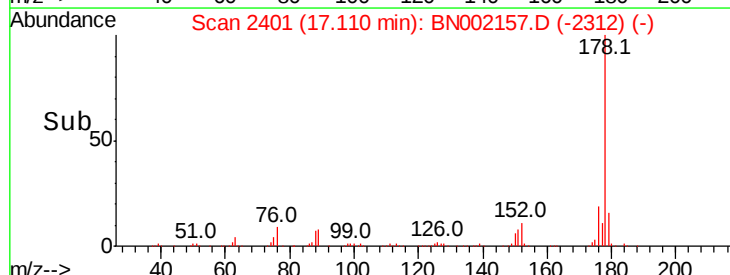
179 16.3 12.5 18.7

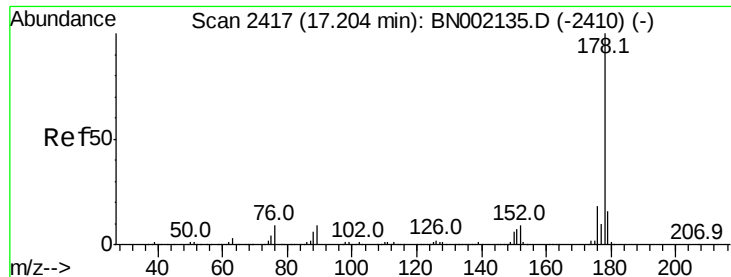


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

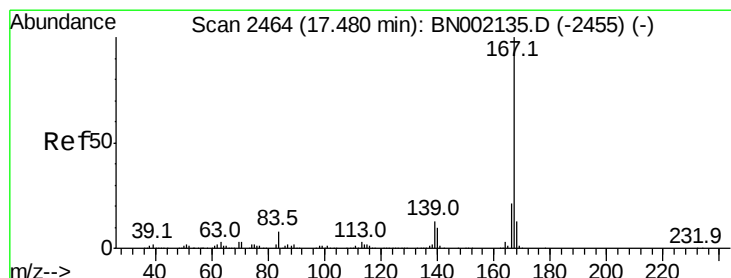
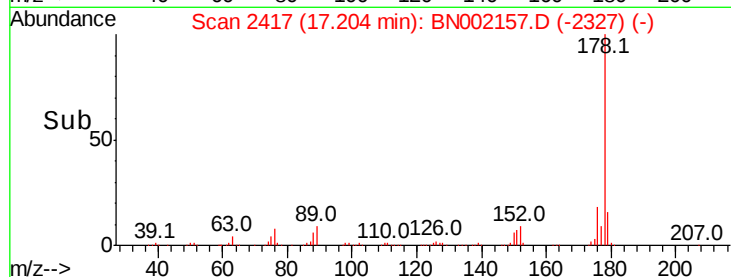
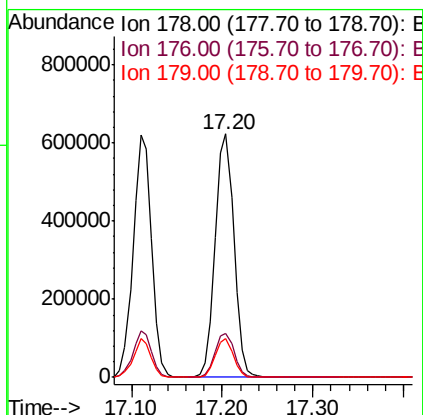
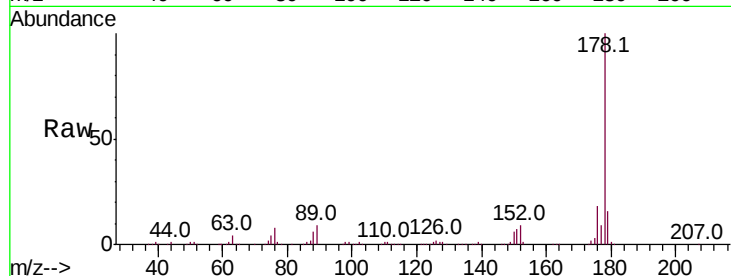




#71
 Anthracene
 Concen: 21.278 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

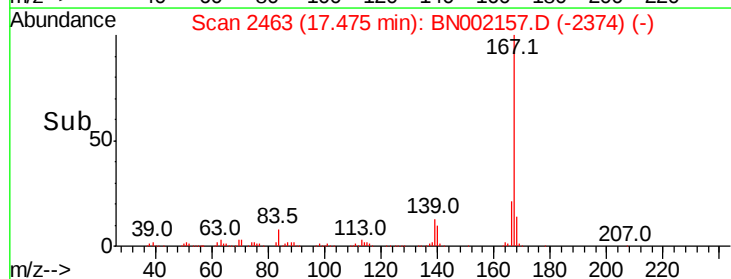
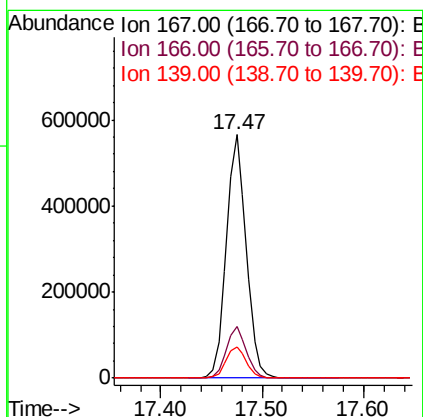
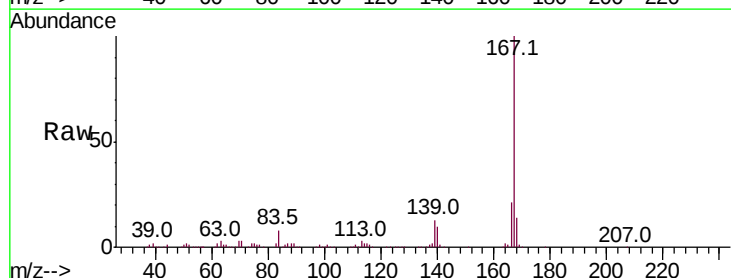
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

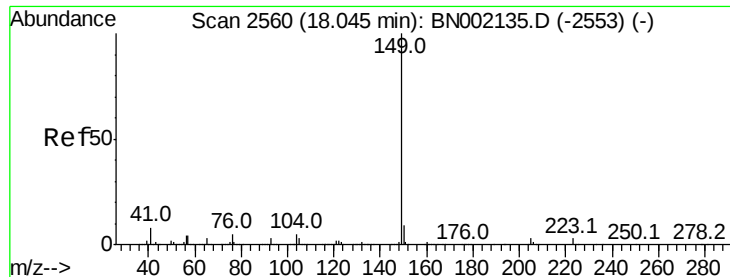
Tot Ion:178 Resp: 893913
 Ion Ratio Lower Upper
 178 100
 176 17.9 16.0 24.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 18.210 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion:167 Resp: 767639
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.2 27.4
 139 12.7 9.4 14.2

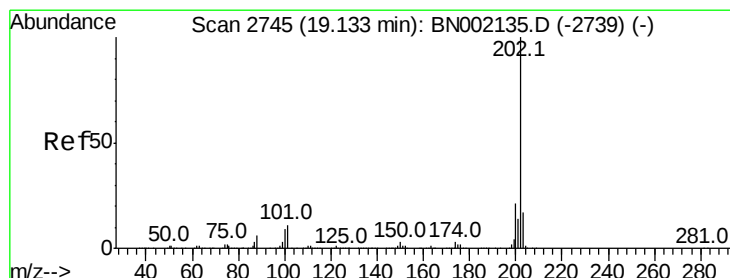
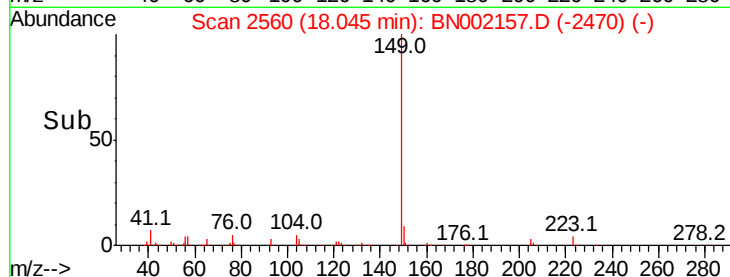
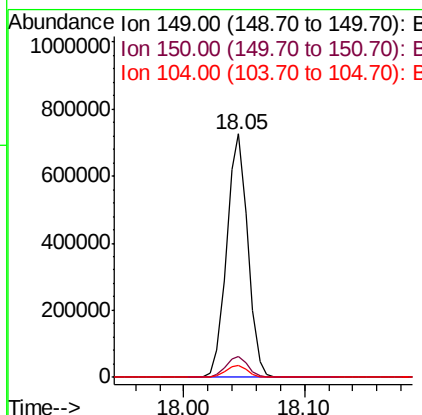
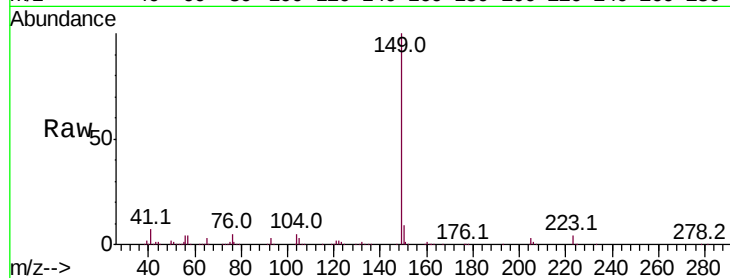




#73
Di-n-butylphthalate
Concen: 17.840 ng
RT: 18.05 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

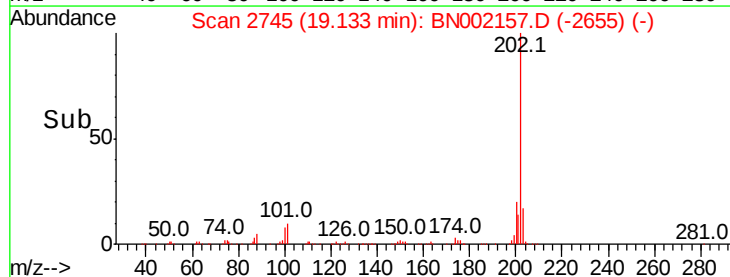
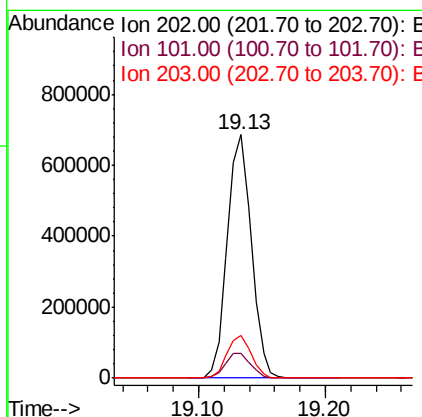
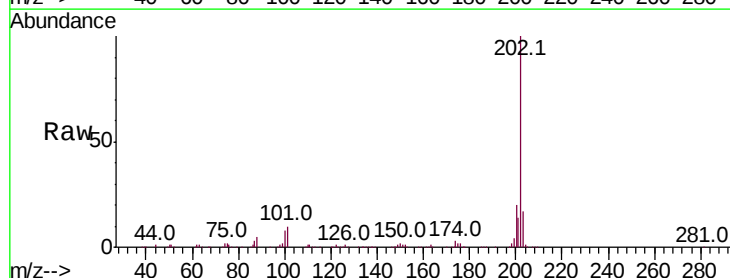
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

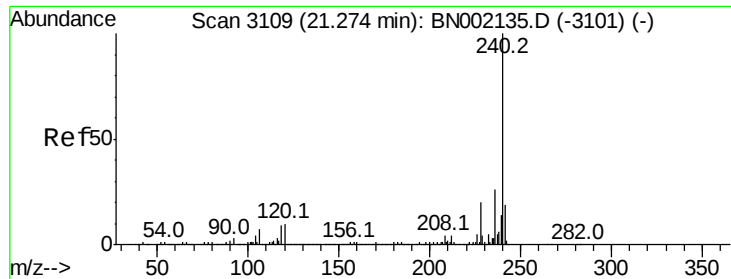
Tot Ion:149 Resp: 877240
Ion Ratio Lower Upper
149 100
150 8.8 7.8 11.6
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 19.565 ng
RT: 19.13 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:202 Resp: 901605
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.9
203 17.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

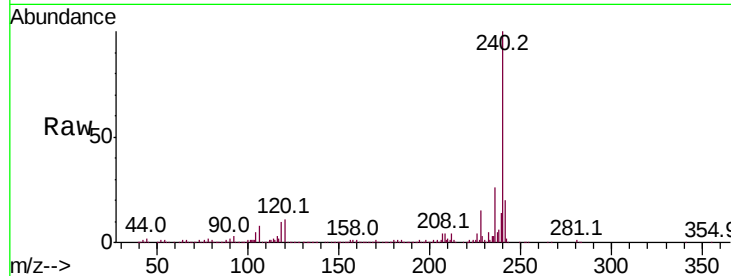
Tot Ion:240 Resp: 644342

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

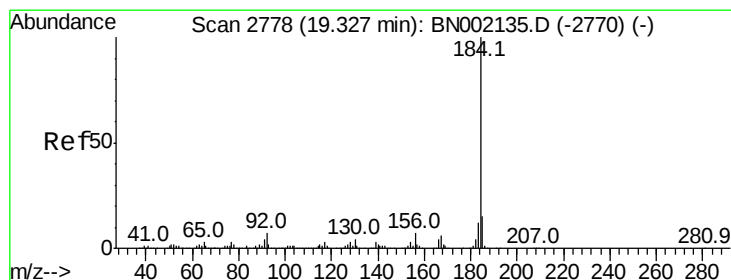
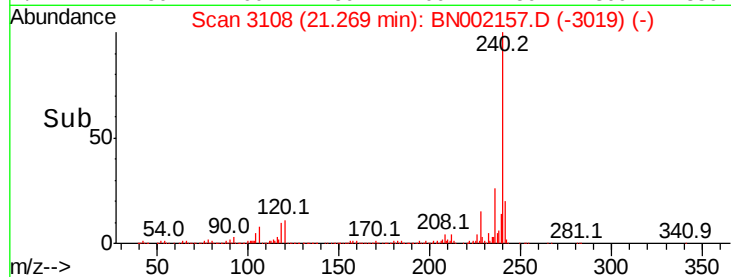
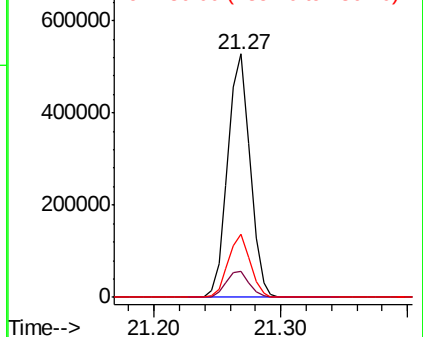
236 25.8 20.9 31.3



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



#76

Benzidine

Concen: 12.317 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

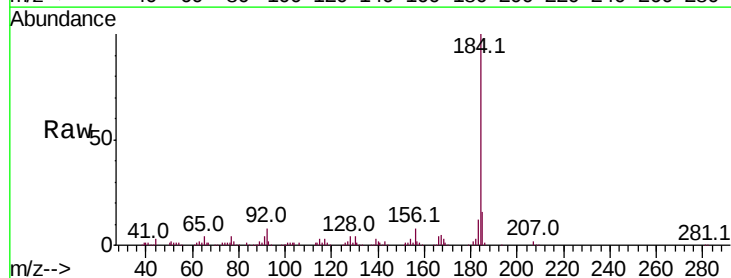
Tgt Ion:184 Resp: 258843

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

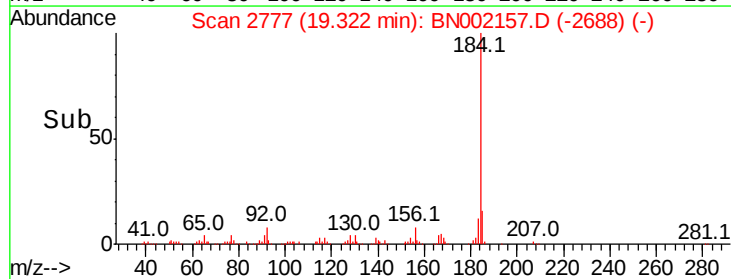
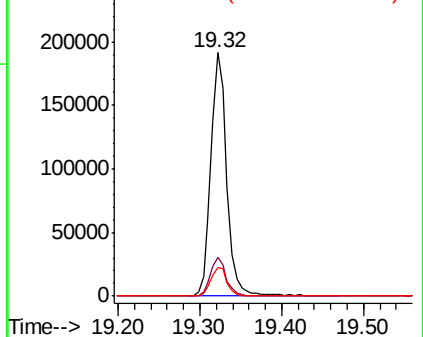
183 11.7 10.6 16.0

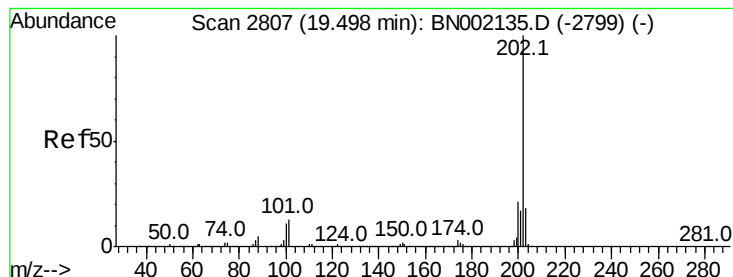


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 20.677 ng

RT: 19.50 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

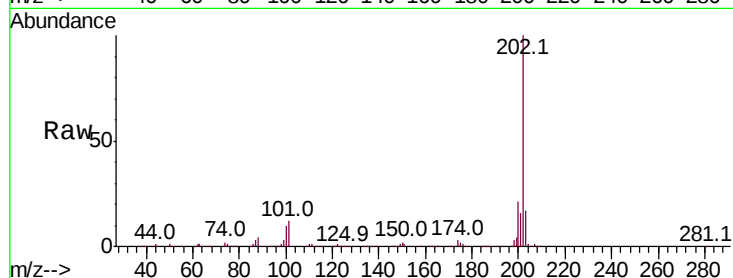
Tot Ion:202 Resp: 918795

Ion Ratio Lower Upper

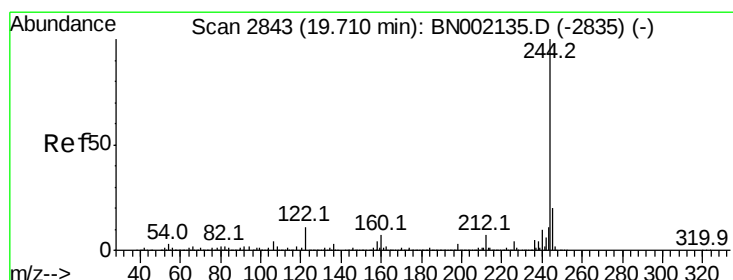
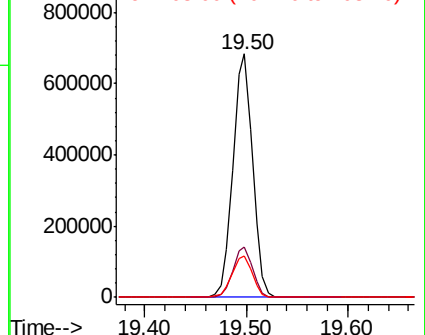
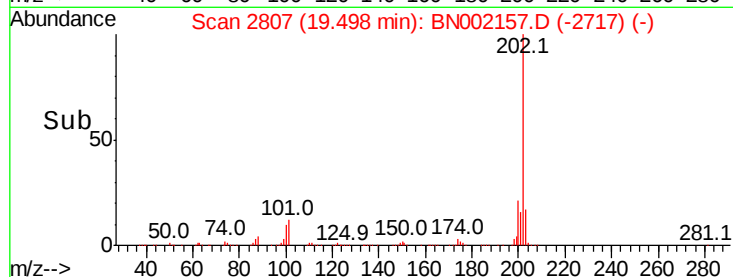
202 100

200 20.7 16.9 25.3

203 16.9 13.9 20.9



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



#78

Terphenyl-d14

Concen: 111.175 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

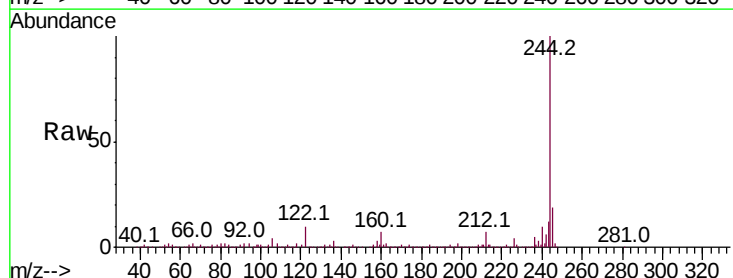
Tgt Ion:244 Resp: 3434646

Ion Ratio Lower Upper

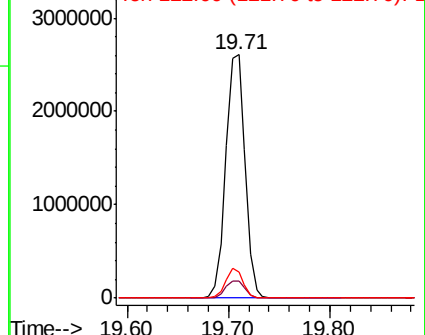
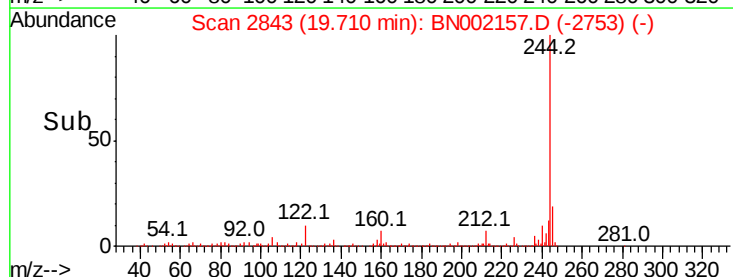
244 100

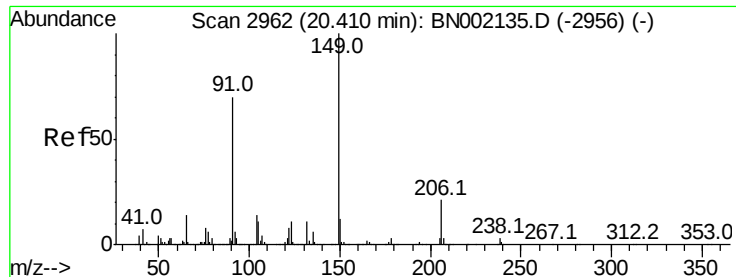
212 7.2 5.8 8.8

122 10.5 7.0 10.4#



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

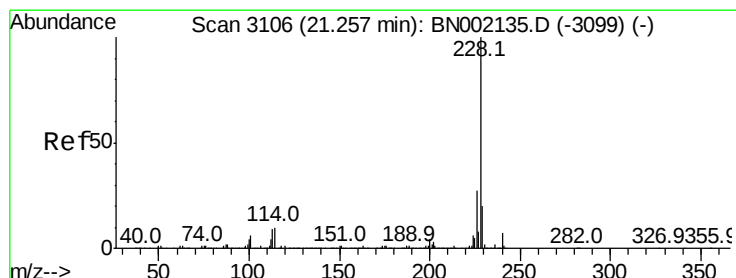
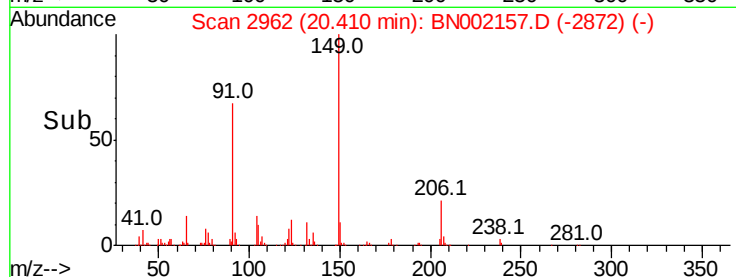
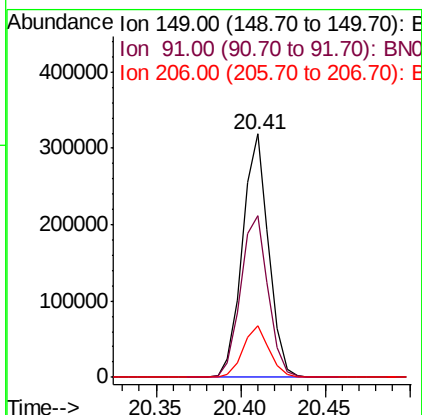
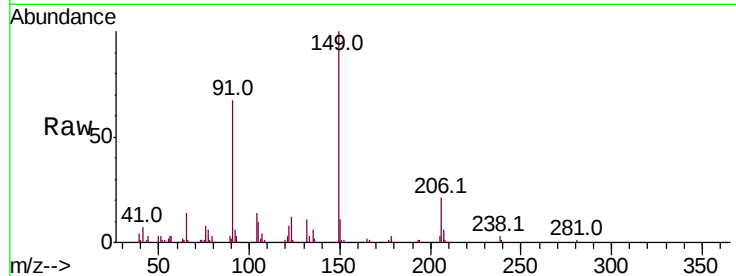




#79
Butylbenzylphthalate
Concen: 17.802 ng
RT: 20.41 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

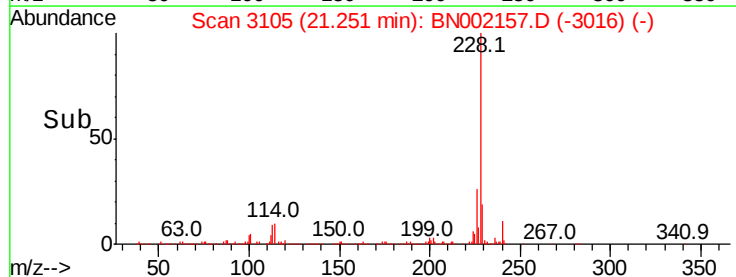
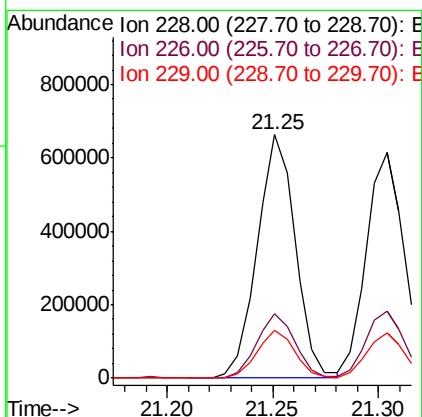
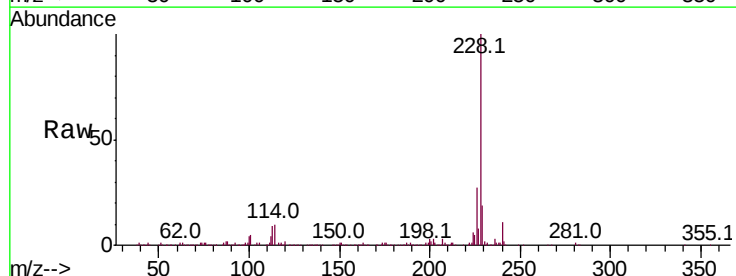
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

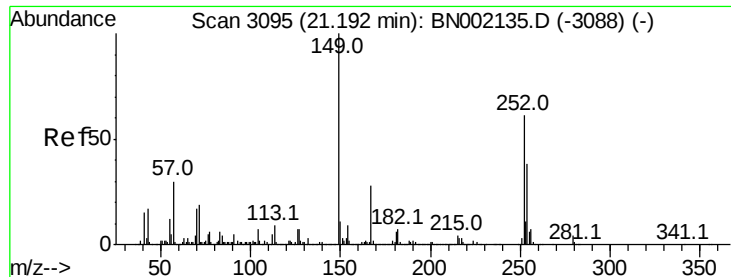
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.7	62.2	93.2
206	20.9	18.6	27.8



#80
Benzo(a)anthracene
Concen: 21.213 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.7	34.1
229	19.5	16.2	24.2

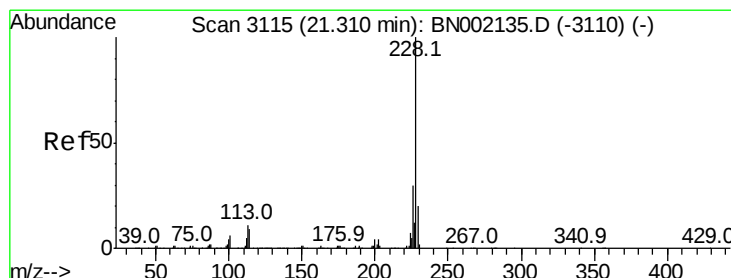
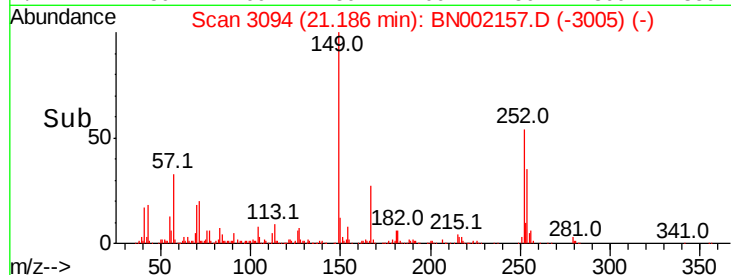
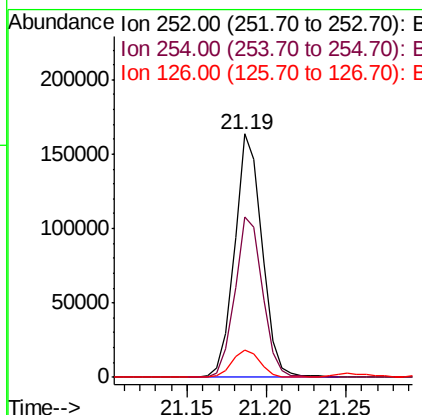
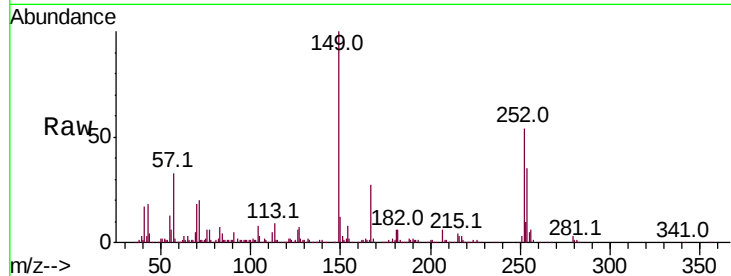




#81
 3,3'-Dichlorobenzidine
 Concen: 12.826 ng
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

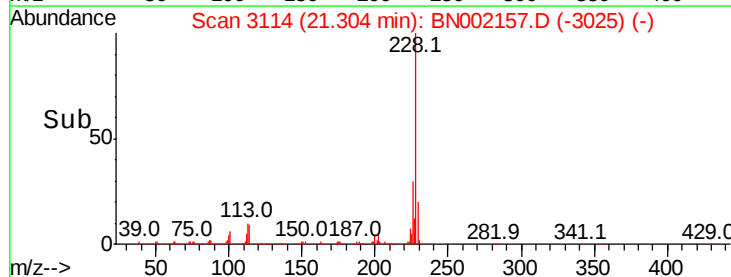
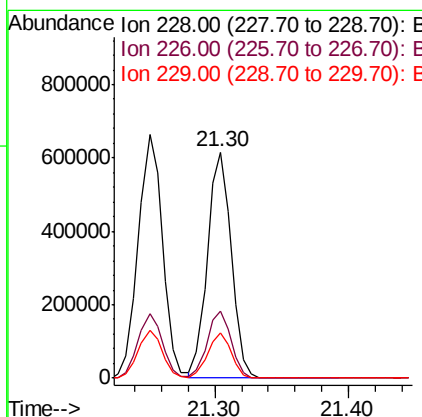
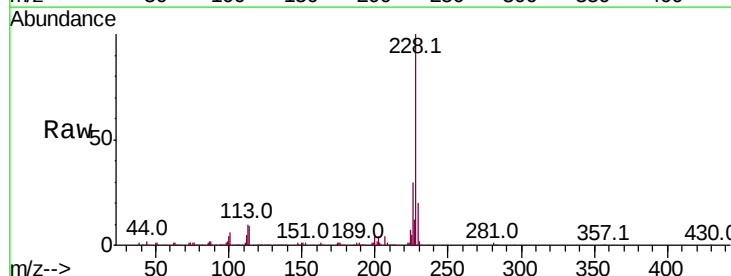
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

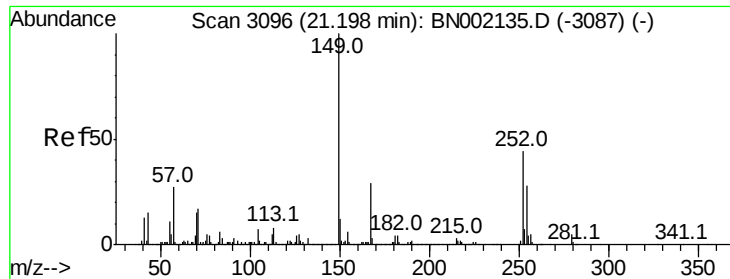
Tot Ion:252 Resp: 196240
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.8 76.2
 126 11.4 7.4 11.2#



#82
 Chrysene
 Concen: 20.609 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion:228 Resp: 770616
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.9 37.3
 229 19.8 15.0 22.4

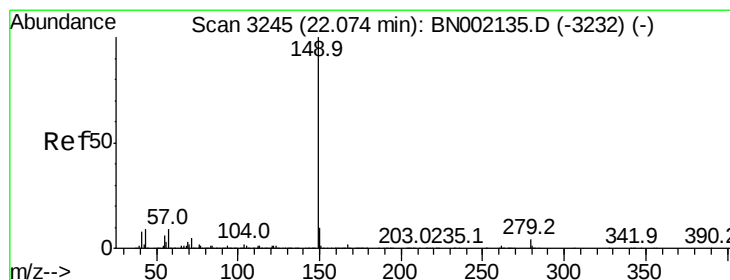
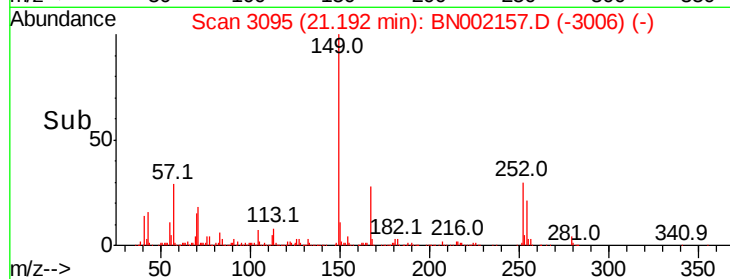
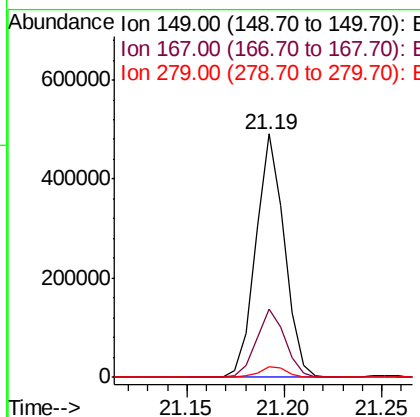
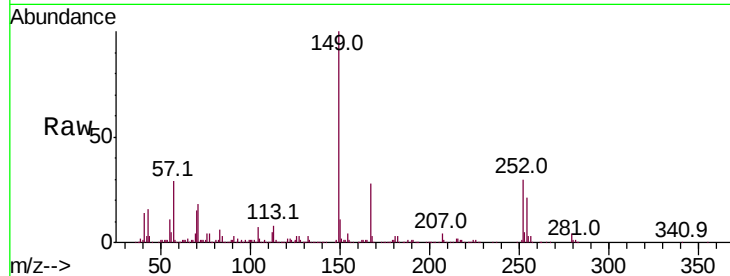




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.407 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

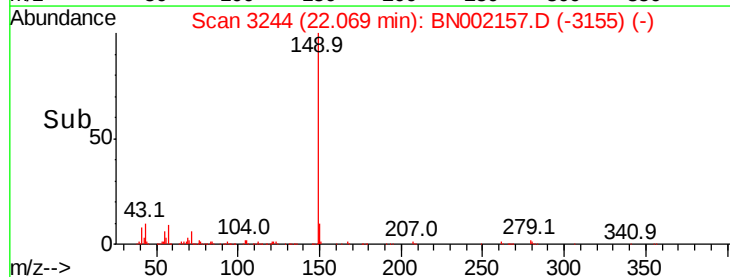
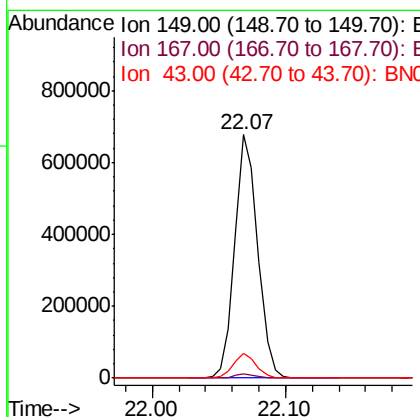
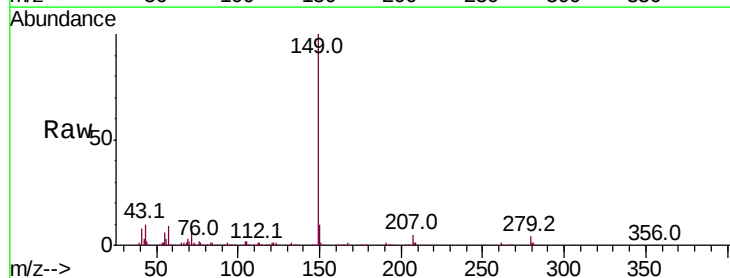
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

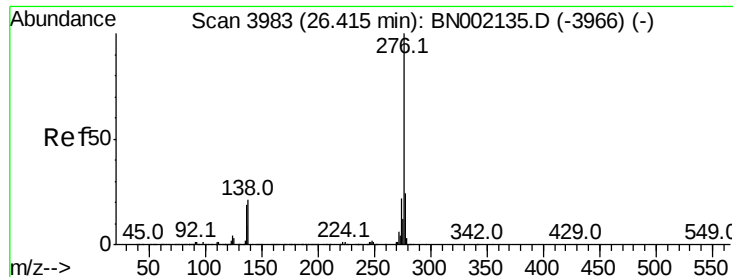
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.3	36.5
279	4.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 19.014 ng
 RT: 22.07 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BN002157.D
 Acq: 26 Jul 2018 03:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.1	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.475 ng

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

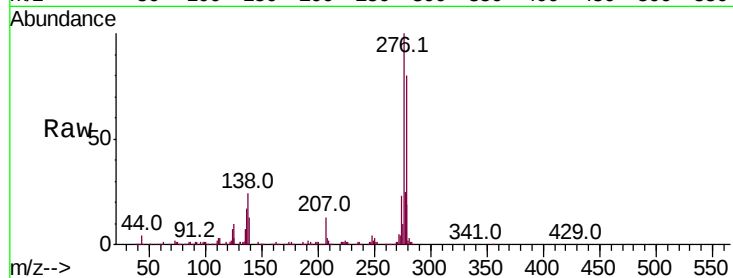
Tot Ion:276 Resp: 928701

Ion Ratio Lower Upper

276 100

138 25.2 16.0 24.0#

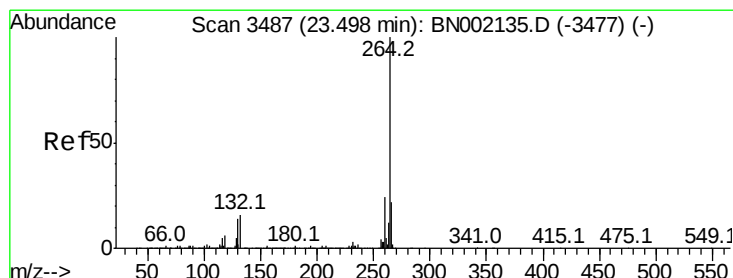
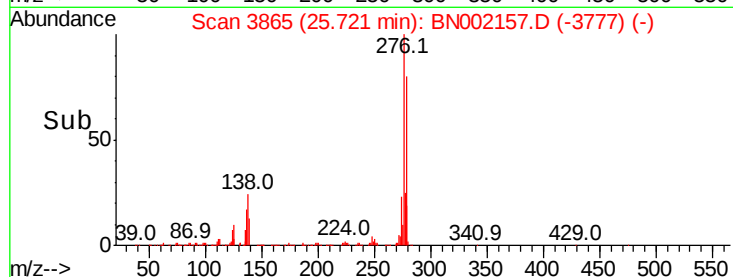
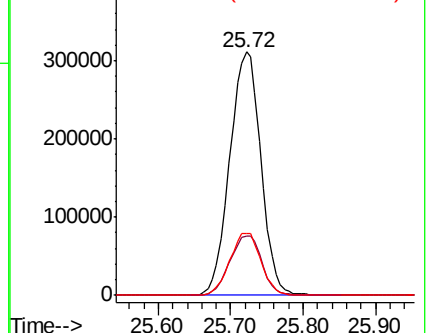
277 25.6 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

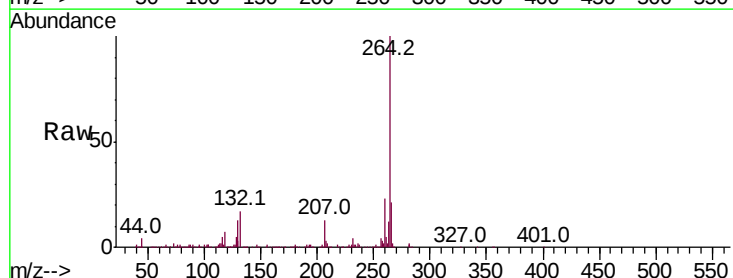
Tgt Ion:264 Resp: 639176

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

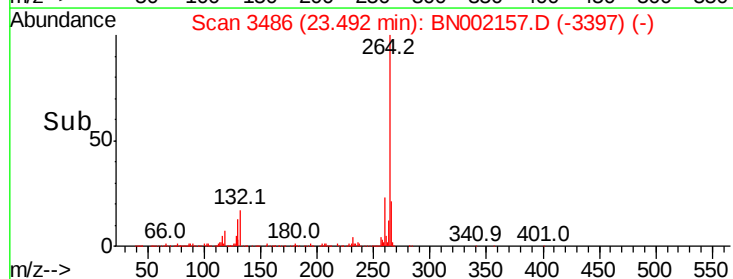
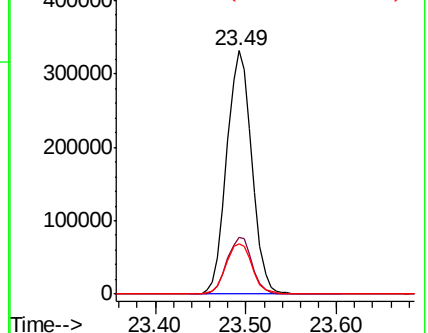
265 20.9 17.7 26.5

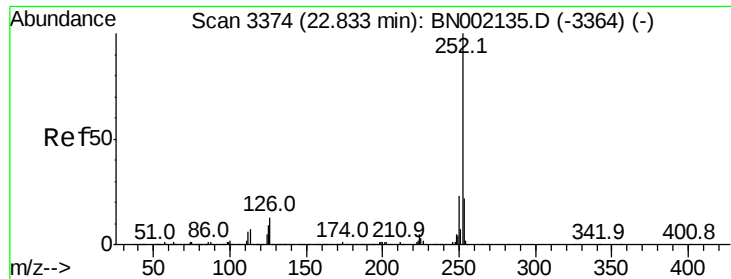


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

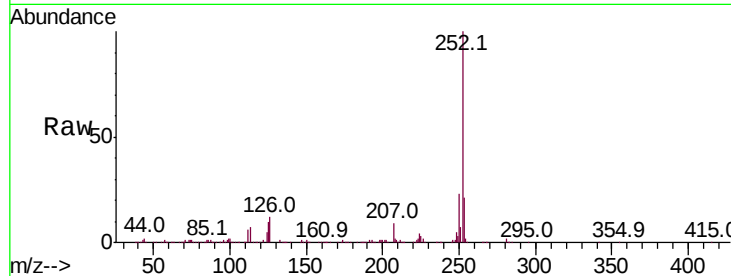




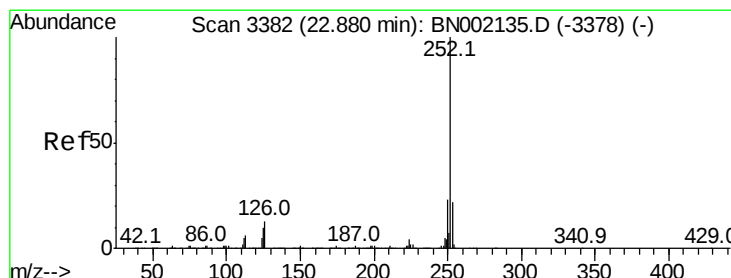
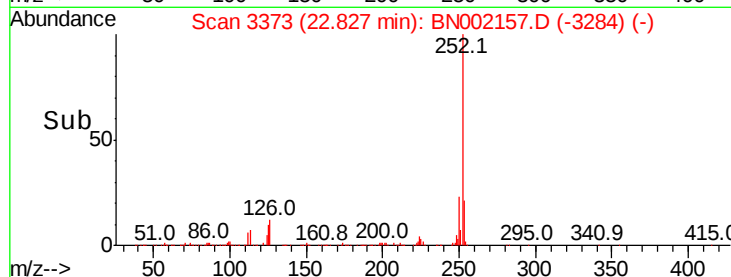
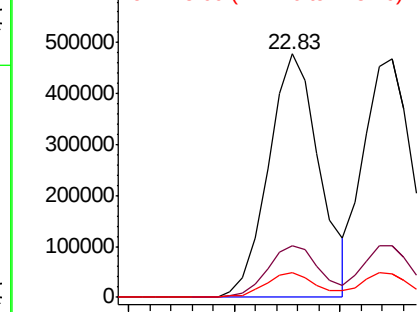
#87
Benzo(b)fluoranthene
Concen: 21.278 ng
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:252 Resp: 802670
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 10.0 7.2 10.8

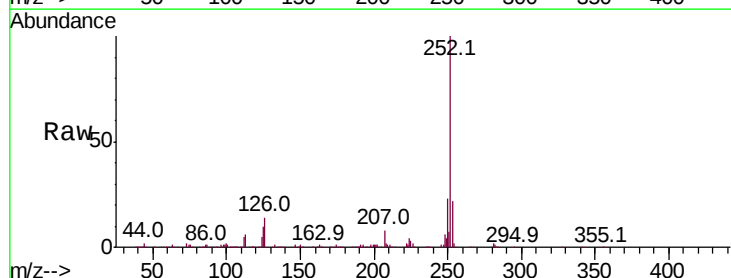


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

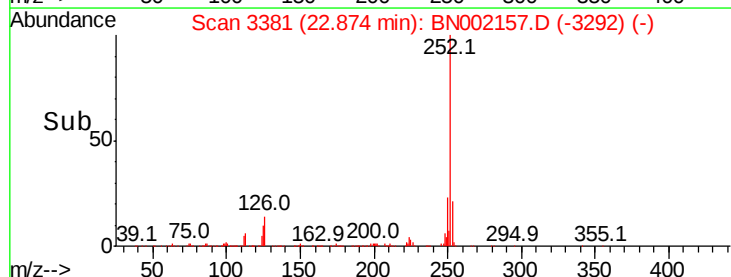
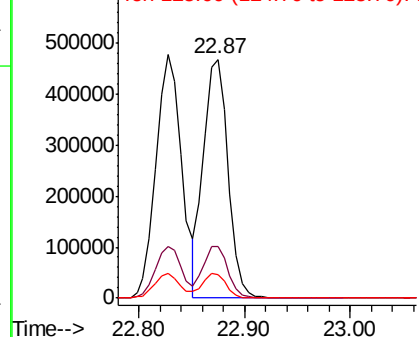


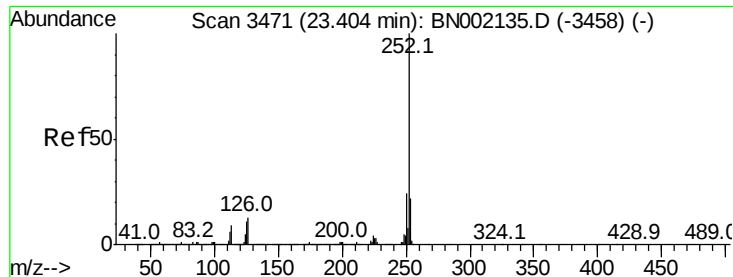
#88
Benzo(k)fluoranthene
Concen: 20.362 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BN002157.D
Acq: 26 Jul 2018 03:44

Tgt Ion:252 Resp: 756481
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.0 6.6 9.8#



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(a)pyrene

Concen: 21.203 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

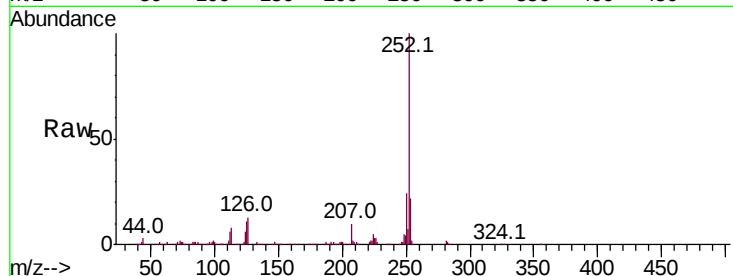
Tot Ion:252 Resp: 746984

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 10.9 7.3 10.9

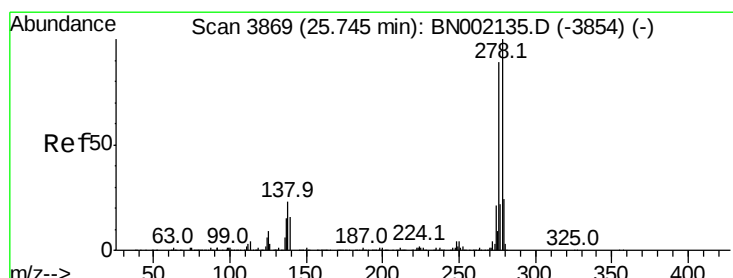
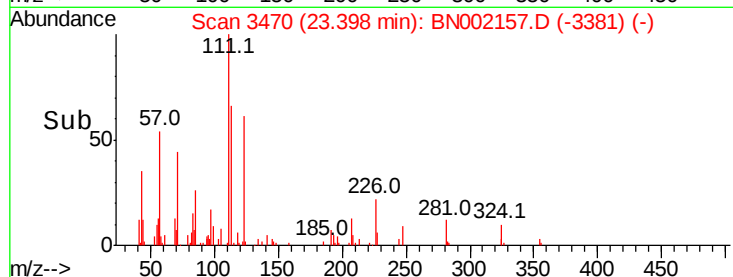
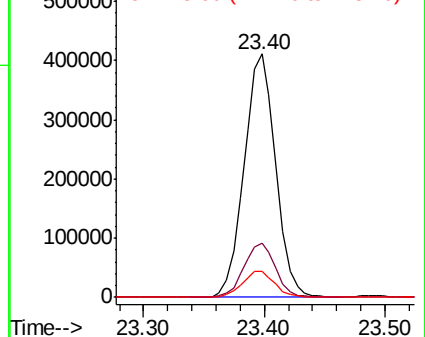


Abundance

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

Dibenzo(a,h)anthracene

Concen: 23.509 ng

RT: 25.73 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

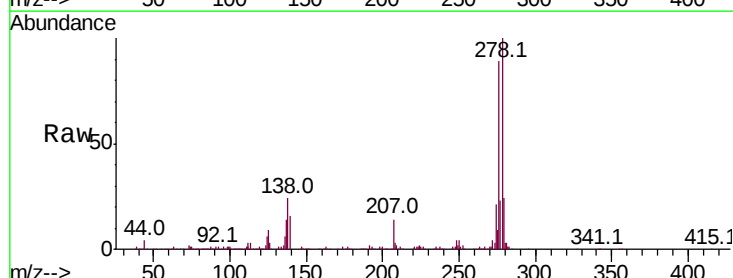
Tgt Ion:278 Resp: 777598

Ion Ratio Lower Upper

278 100

139 15.6 9.8 14.6#

279 24.4 18.4 27.6

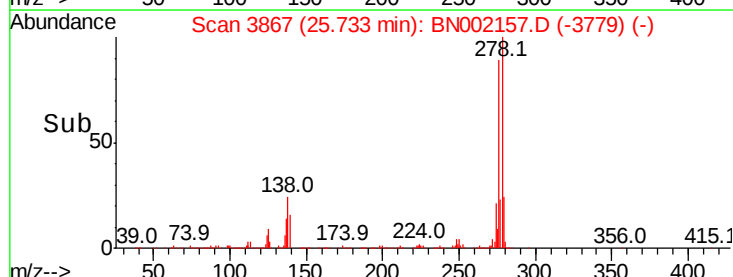
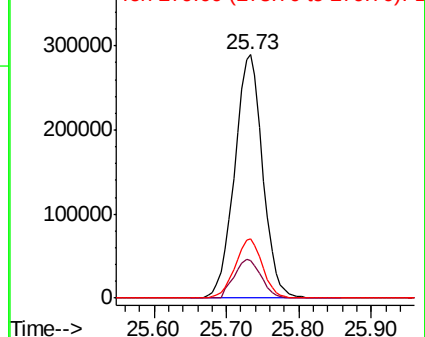


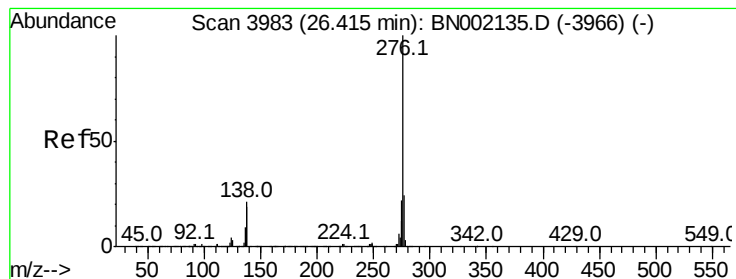
Abundance

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





#91

Benzo(a,h,i)perylene

Concen: 24.472 ng

RT: 26.40 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BN002157.D

Acq: 26 Jul 2018 03:44

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:276 Resp: 782256

Ion Ratio Lower Upper

276 100

277 22.6 18.3 27.5

138 21.0 13.9 20.9#

