

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
 Data File : BN003292.D
 Acq On : 25 Oct 2018 03:31
 Operator : MJ/SJ
 Sample : J5164-08
 Misc : LOQ 20PPM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Quant Time: Oct 25 07:26:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	89052	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	420031	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	265306	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	631977	20.00	ng	0.00
76) Chrysene-d12	21.20	240	688550	20.00	ng	0.00
87) Perylene-d12	23.41	264	697573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	796297	155.75	ng	0.00
7) Phenol-d6	6.80	99	1125855	154.86	ng	0.00
23) Nitrobenzene-d5	8.75	82	607390	82.93	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	525310	147.05	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1600228	81.81	ng	0.00
79) Terphenyl-d14	19.64	244	2562035	79.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	40732	16.779	ng	97
3) Pyridine	3.59	79	102516	18.480	ng	97
4) n-Nitrosodimethylamine	3.52	42	43342	21.221	ng	96
6) Aniline	6.94	93	178655	19.679	ng	98
8) 2-Chlorophenol	7.17	128	131038	20.808	ng	97
9) Benzaldehyde	6.76	77	82887	19.631	ng	94
10) Phenol	6.82	94	167416	21.822	ng	96
11) bis(2-Chloroethyl)ether	7.04	93	125303	19.996	ng	99
12) 1,3-Dichlorobenzene	7.49	146	136936	19.558	ng	98
13) 1,4-Dichlorobenzene	7.63	146	141112	19.573	ng	99
14) 1,2-Dichlorobenzene	7.95	146	136511	19.510	ng	97
15) Benzyl Alcohol	7.85	79	99873	19.063	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	185833	20.227	ng	98
17) 2-Methylphenol	8.06	107	114466	21.831	ng	97
18) Hexachloroethane	8.65	117	48643	19.260	ng	95
19) n-Nitroso-di-n-propylamine	8.40	70	102675	19.585	ng	99
20) 3+4-Methylphenols	8.39	107	159931	21.473	ng	97
22) Acetophenone	8.42	105	199652	19.610	ng	98
24) Nitrobenzene	8.79	77	148047	19.809	ng	99
25) Isophorone	9.31	82	287560	22.383	ng	99
26) 2-Nitrophenol	9.50	139	75509	19.195	ng	100
27) 2,4-Dimethylphenol	9.58	122	130899	23.666	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	181069	20.921	ng	98
29) 2,4-Dichlorophenol	10.05	162	134524	21.313	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	136281	18.993	ng	99
31) Naphthalene	10.42	128	430004	20.950	ng	99
32) Benzoic acid	9.74	122	56896	15.777	ng	95
33) 4-Chloroaniline	10.56	127	166284	18.334	ng	98
34) Hexachlorobutadiene	10.69	225	78702	18.380	ng	97
35) Caprolactam	11.32	113	46475	18.805	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	148222	21.056	ng	96
37) 2-Methylnaphthalene	12.04	142	328887	22.422	ng	99
38) 1-Methylnaphthalene	12.26	142	316017	22.059	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	163507	18.630	ng	98

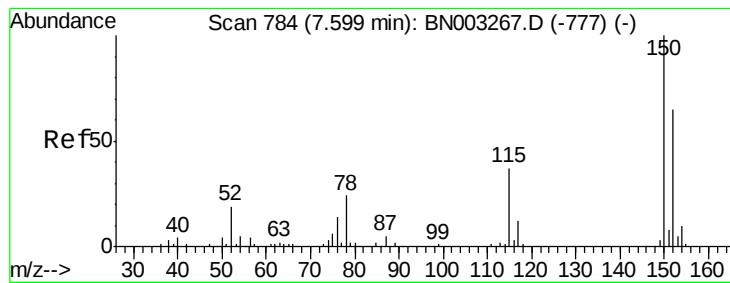
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	56046	22.012	ng	97
43) 2,4,6-Trichlorophenol	12.67	196	108007	19.478	ng	99
44) 2,4,5-Trichlorophenol	12.76	196	112808	19.503	ng	98
46) 1,1'-Biphenyl	13.06	154	426283	18.307	ng	100
47) 2-Chloronaphthalene	13.10	162	330031	19.215	ng	99
48) 2-Nitroaniline	13.33	65	97382	19.296	ng	98
49) Acenaphthylene	13.96	152	557680	21.213	ng	100
50) Dimethylphthalate	13.70	163	439547	20.490	ng	99
51) 2,6-Dinitrotoluene	13.83	165	98167	20.162	ng	98
52) Acenaphthene	14.30	154	324004	20.341	ng	100
53) 3-Nitroaniline	14.17	138	86148	16.552	ng	97
54) 2,4-Dinitrophenol	14.42	184	39462	19.413	ng	97
55) Dibenzofuran	14.64	168	522402	20.158	ng	99
56) 4-Nitrophenol	14.53	139	55406	19.188	ng	94
57) 2,4-Dinitrotoluene	14.65	165	136753	20.715	ng	100
58) Fluorene	15.29	166	428291	21.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	107542	21.173	ng	99
60) Diethylphthalate	15.07	149	441548	20.284	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	211765	19.060	ng	97
62) 4-Nitroaniline	15.35	138	94676	18.619	ng	98
63) Azobenzene	15.59	77	409906	20.375	ng	98
65) 4,6-Dinitro-2-methylphenol	15.42	198	73624	16.696	ng	94
66) n-Nitrosodiphenylamine	15.51	169	379968	19.206	ng	98
67) 4-Bromophenyl-phenylether	16.19	248	135783	19.077	ng	98
68) Hexachlorobenzene	16.31	284	153971	18.989	ng	98
69) Atrazine	16.47	200	140310	20.012	ng	97
70) Pentachlorophenol	16.67	266	48674	17.446	ng	97
71) Phenanthrene	17.04	178	690347	20.778	ng	99
72) Anthracene	17.13	178	707438	21.338	ng	100
73) Carbazole	17.42	167	650916	18.959	ng	99
74) Di-n-butylphthalate	17.96	149	779993	19.476	ng	100
75) Fluoranthene	19.07	202	824866	21.073	ng	99
77) Benzidine	19.26	184	259050	12.851	ng	98
78) Pyrene	19.43	202	836077	20.660	ng	99
80) Butylbenzylphthalate	20.33	149	368763	19.625	ng	98
81) Benzo(a)anthracene	21.19	228	844214	21.054	ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	262522	15.821	ng	99
83) Chrysene	21.25	228	801392	20.790	ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	542217	19.458	ng	100
85) Di-n-octyl phthalate	21.99	149	945169	19.766	ng	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	872712	19.755	ng	99
88) Benzo(b)fluoranthene	22.75	252	848630	22.095	ng	99
89) Benzo(k)fluoranthene	22.80	252	816815	21.684	ng	99
90) Benzo(a)pyrene	23.32	252	809363	22.111	ng	99
91) Dibenzo(a,h)anthracene	25.62	278	736346	20.324	ng	99
92) Benzo(g,h,i)perylene	26.28	276	708562	20.371	ng	99

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

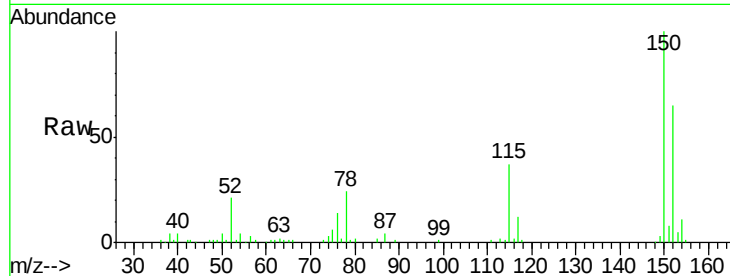


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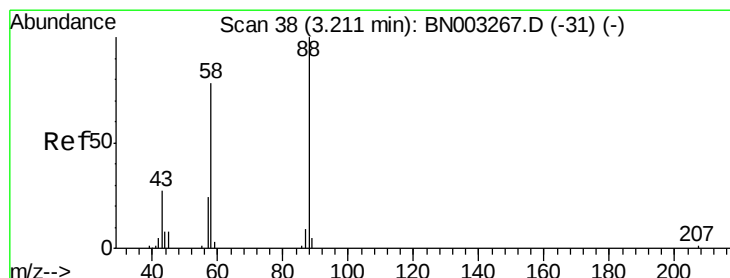
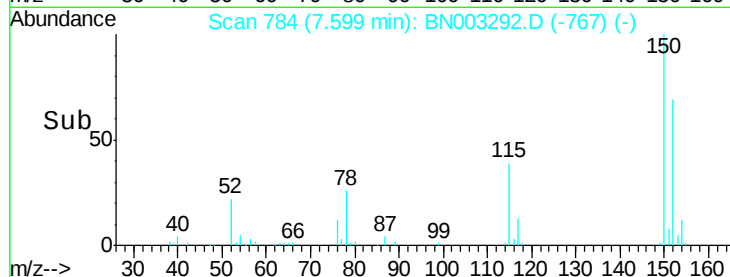
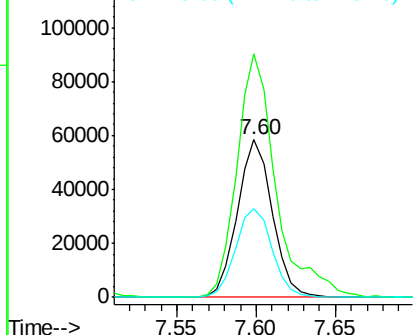
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:152 Resp: 89052
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.8
115 56.5 45.9 68.9



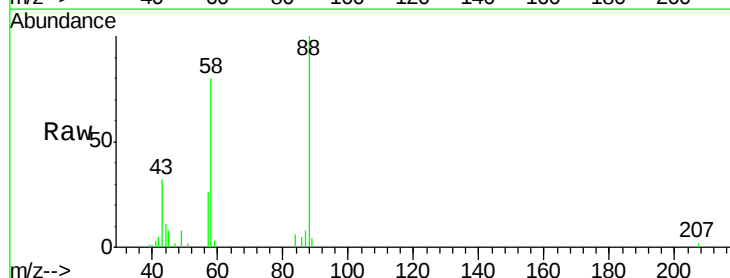
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



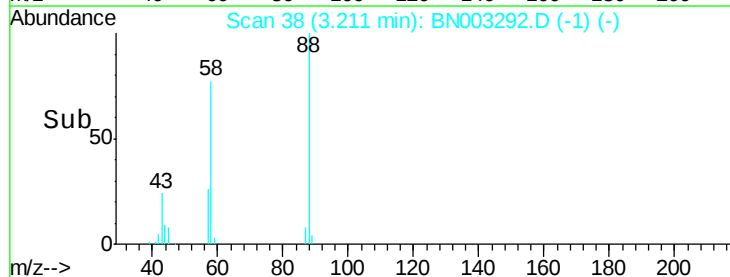
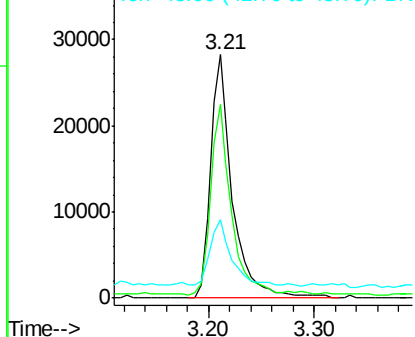
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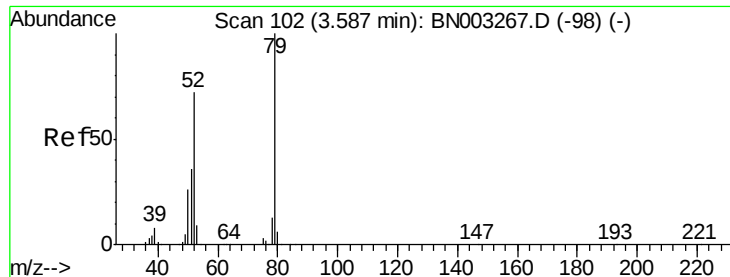
1,4-Dioxane
Concen: 16.779 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion: 88 Resp: 40732
Ion Ratio Lower Upper
88 100
58 73.5 61.1 91.7
43 26.4 22.2 33.4



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

Pyridine

Concen: 18.480 ng

RT: 3.59 min Scan# 103

Delta R.T. 0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

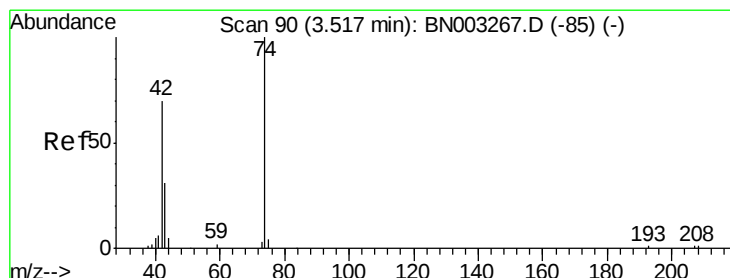
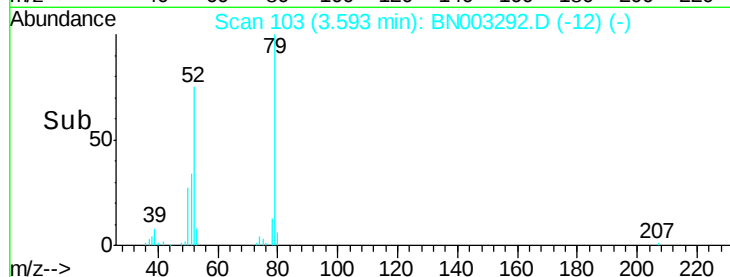
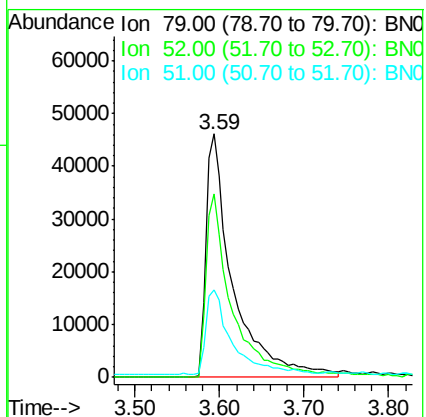
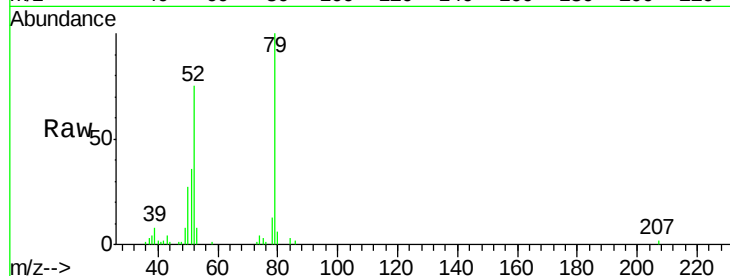
Tgt Ion: 79 Resp: 102516

Ion Ratio Lower Upper

79 100

52 75.1 57.7 86.5

51 35.7 28.7 43.1



#4

n-Nitrosodimethylamine

Concen: 21.221 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

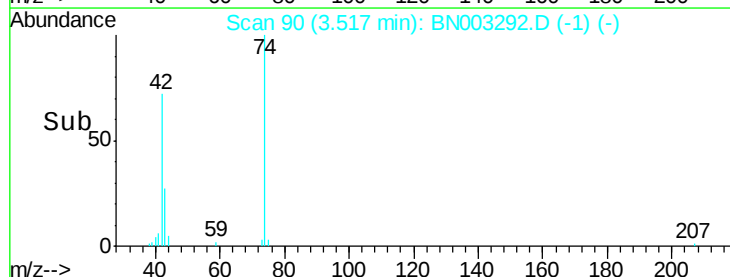
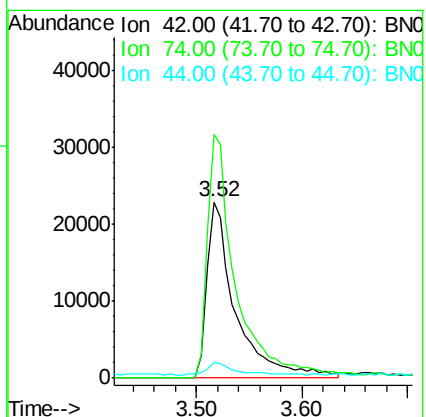
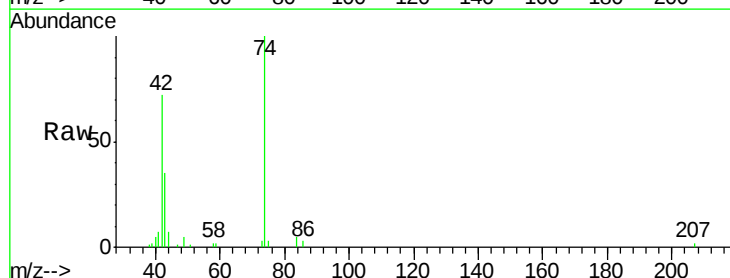
Tgt Ion: 42 Resp: 43342

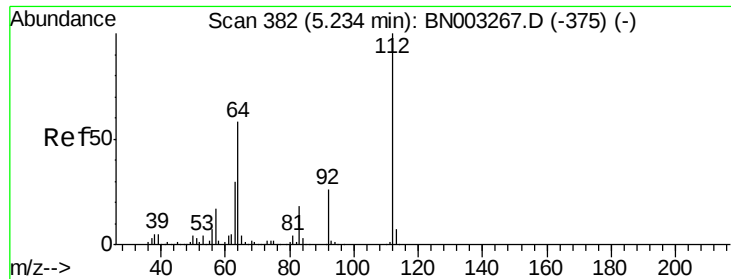
Ion Ratio Lower Upper

42 100

74 138.5 114.2 171.4

44 9.1 6.1 9.1





#5

2-Fluorophenol

Concen: 155.746 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

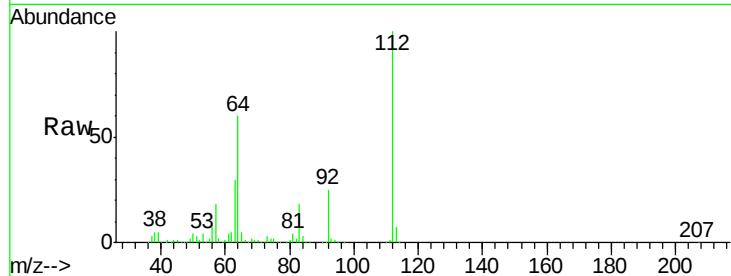
Tgt Ion: 112 Resp: 796297

Ion Ratio Lower Upper

112 100

64 59.6 46.6 69.8

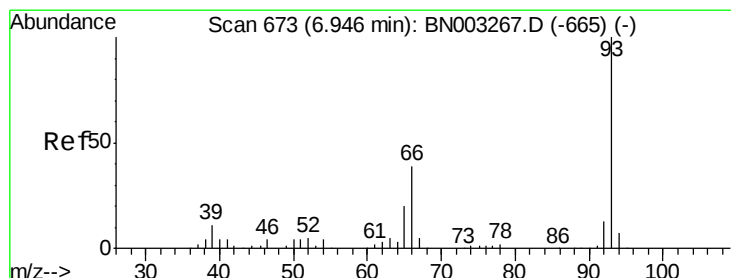
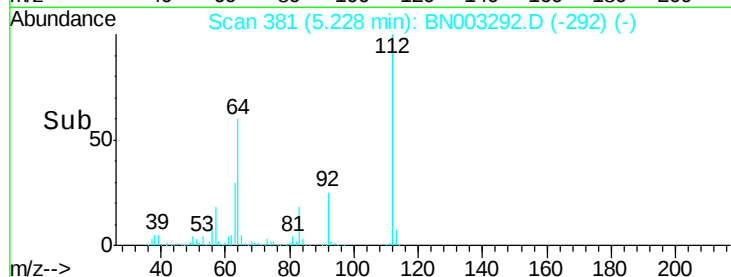
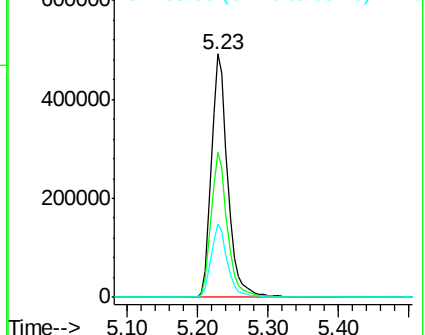
63 30.0 23.8 35.8



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: 19.679 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

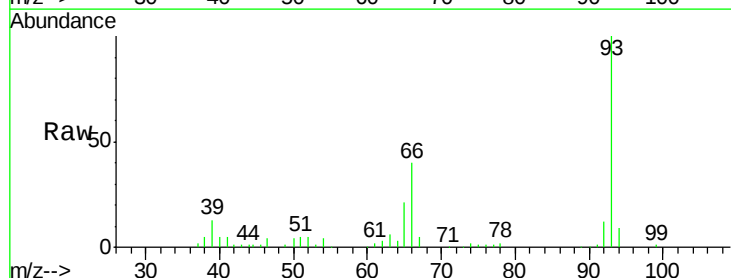
Tgt Ion: 93 Resp: 178655

Ion Ratio Lower Upper

93 100

66 40.5 31.4 47.0

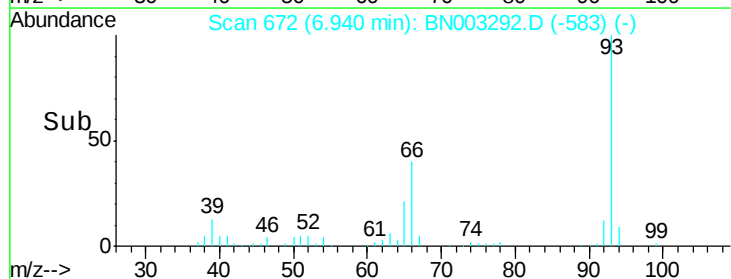
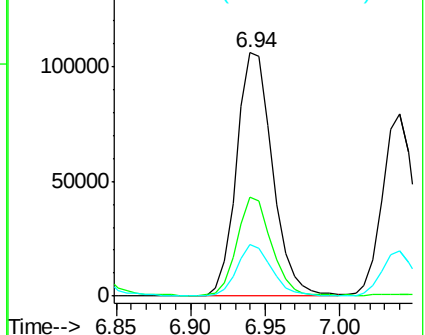
65 21.1 15.7 23.5

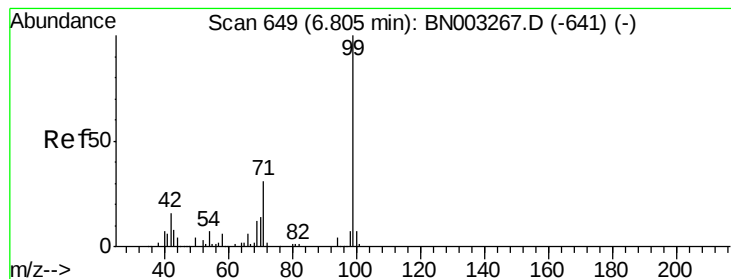


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 154.860 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

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ClientSampleId :

LOQ-WATER-02-QT4-2018

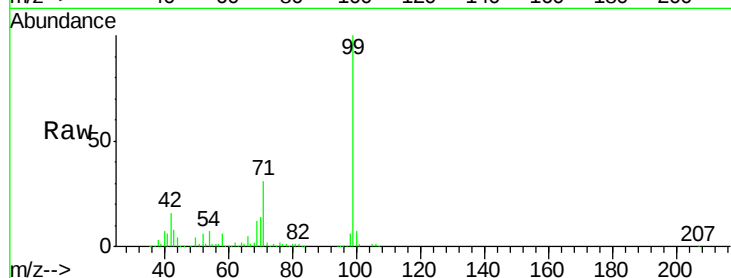
Tgt Ion: 99 Resp: 1125855

Ion Ratio Lower Upper

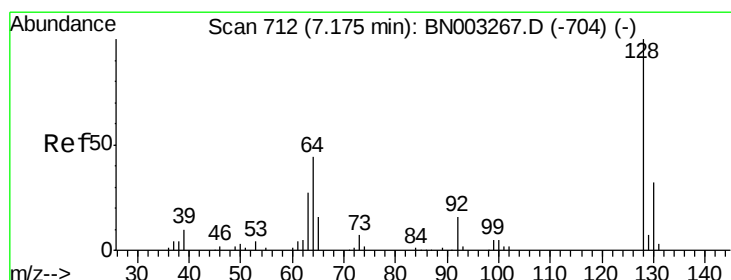
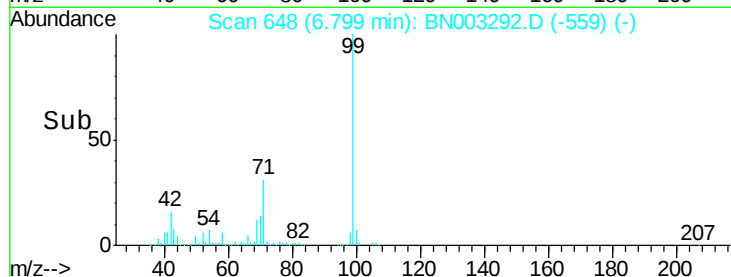
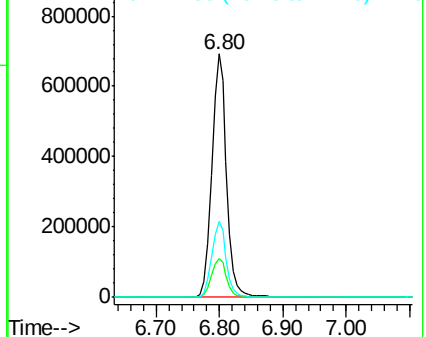
99 100

42 16.1 13.0 19.6

71 31.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 20.808 ng

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

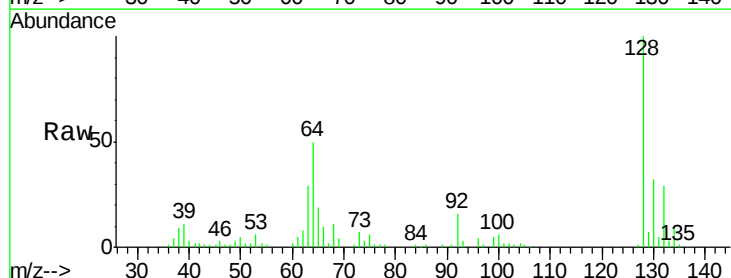
Tgt Ion: 128 Resp: 131038

Ion Ratio Lower Upper

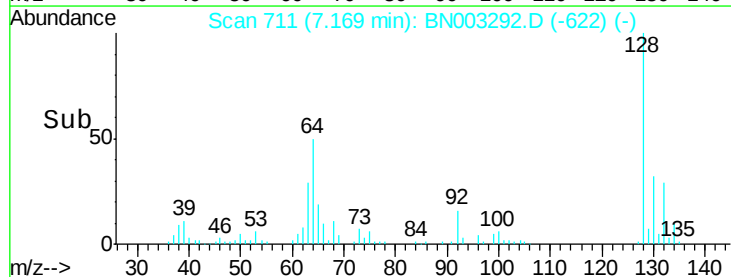
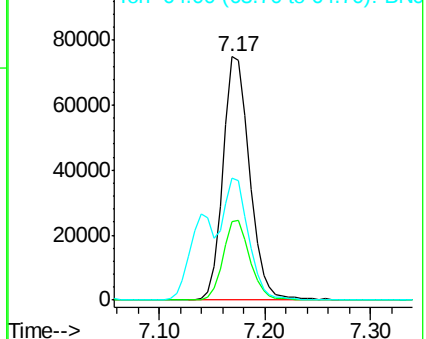
128 100

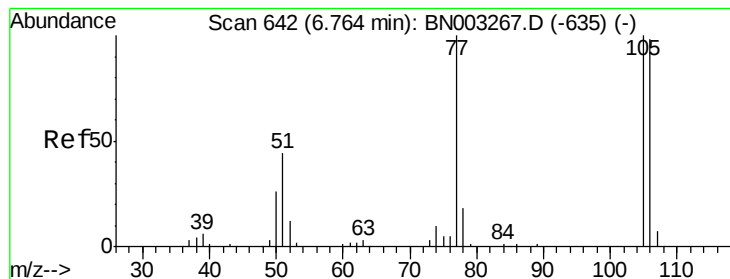
130 32.5 12.4 52.4

64 50.3 27.0 67.0



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





#9

Benzaldehyde

Concen: 19.631 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

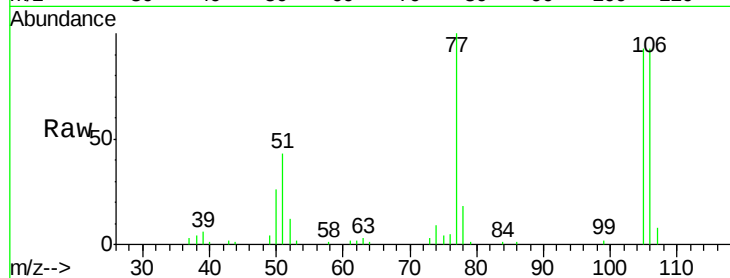
Tgt Ion: 77 Resp: 82887

Ion Ratio Lower Upper

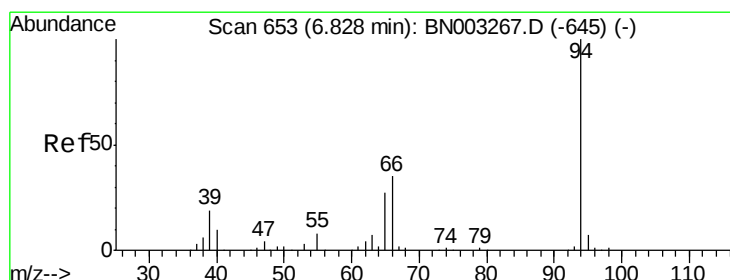
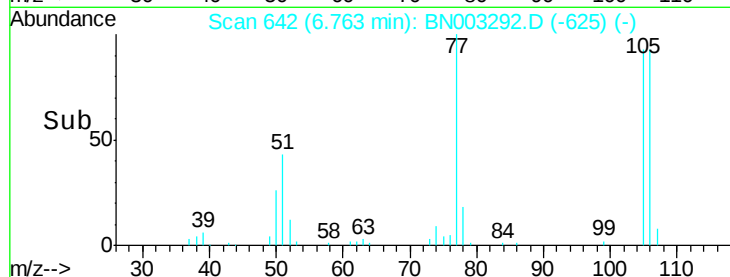
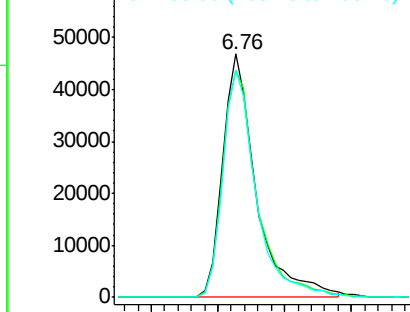
77 100

105 93.2 79.9 119.9

106 93.3 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 21.822 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

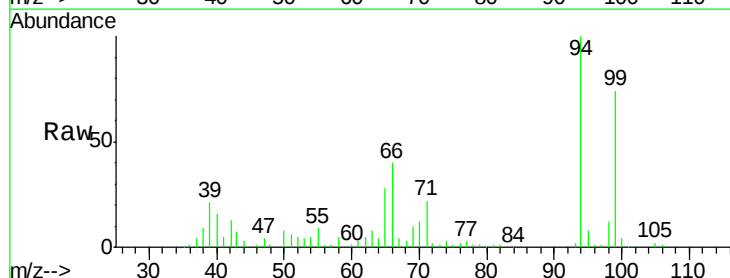
Tgt Ion: 94 Resp: 167416

Ion Ratio Lower Upper

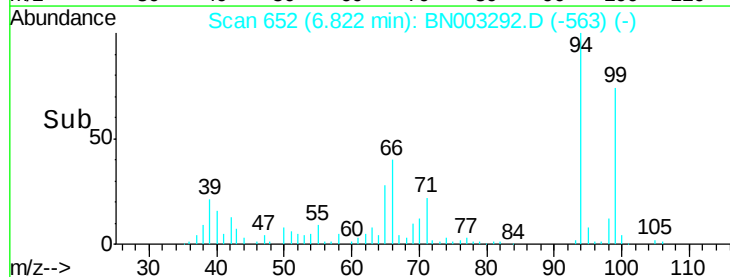
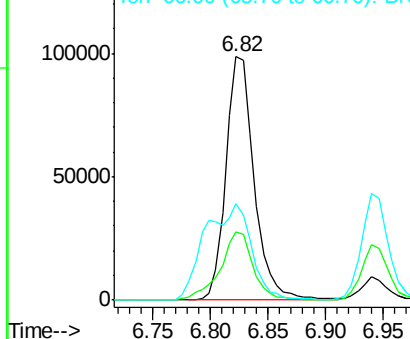
94 100

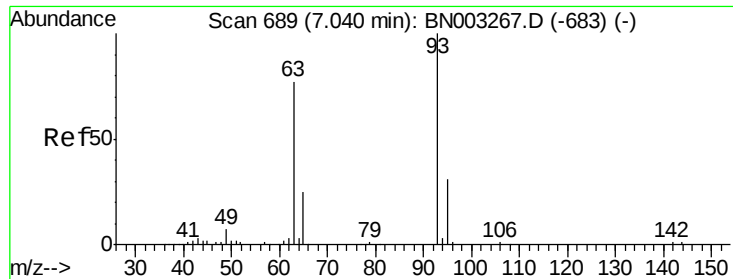
65 28.3 7.7 47.7

66 39.6 15.8 55.8



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





#11

bis(2-Chloroethyl)ether

Concen: 19.996 ng

RT: 7.04 min Scan# 689

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

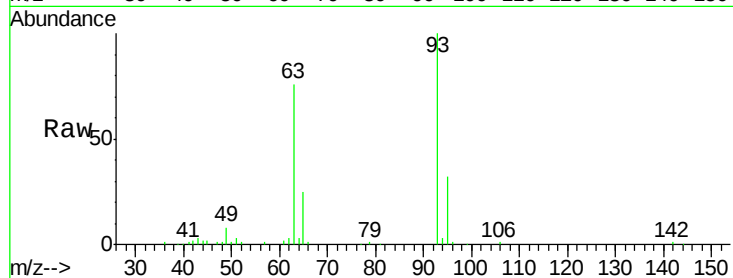
Tgt Ion: 93 Resp: 125303

Ion Ratio Lower Upper

93 100

63 75.7 56.6 96.6

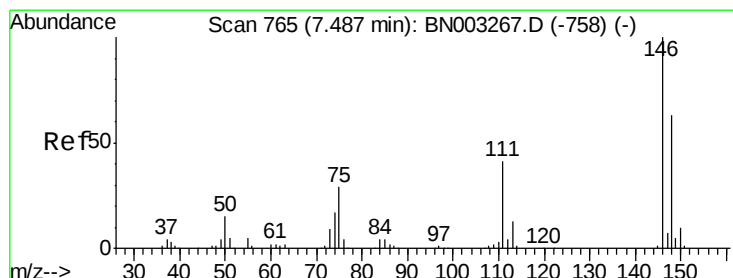
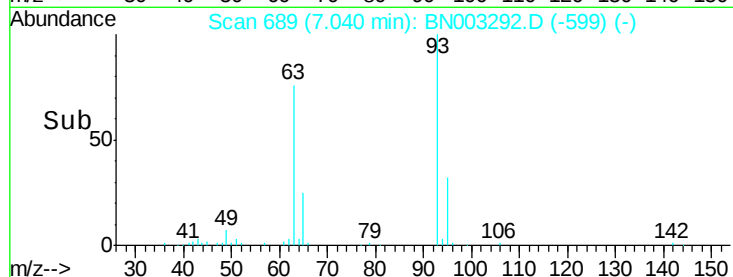
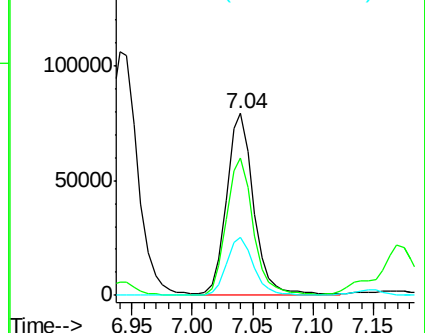
95 31.8 10.9 50.9



Abundance Ion 93.00 (92.70 to 93.70): BN003292.D (-599) (-)

Ion 63.00 (62.70 to 63.70): BN003292.D (-599) (-)

Ion 95.00 (94.70 to 95.70): BN003292.D (-599) (-)



#12

1,3-Dichlorobenzene

Concen: 19.558 ng

RT: 7.49 min Scan# 765

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

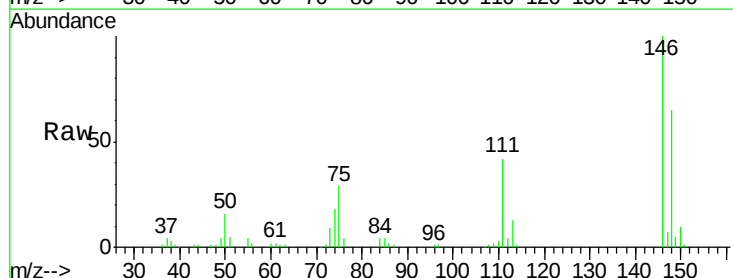
Tgt Ion: 146 Resp: 136936

Ion Ratio Lower Upper

146 100

148 65.3 50.1 75.1

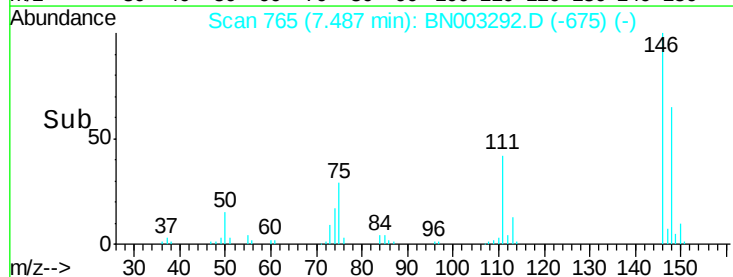
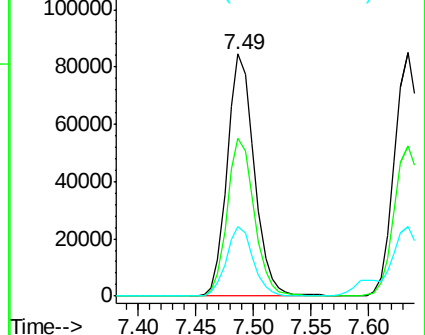
75 28.6 22.9 34.3

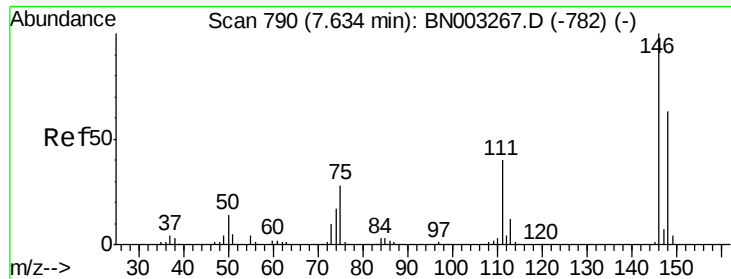


Abundance Ion 146.00 (145.70 to 146.70): BN003292.D (-675) (-)

Ion 148.00 (147.70 to 148.70): BN003292.D (-675) (-)

Ion 75.00 (74.70 to 75.70): BN003292.D (-675) (-)

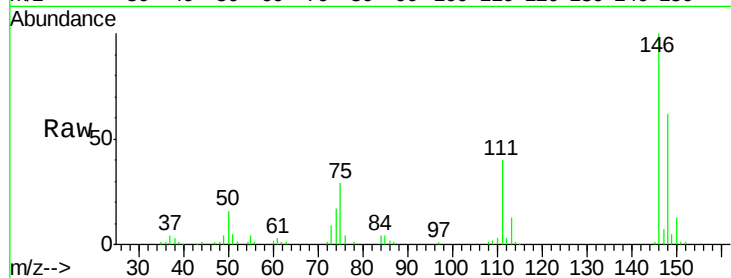




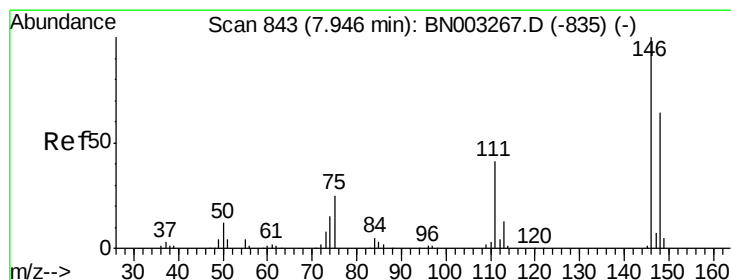
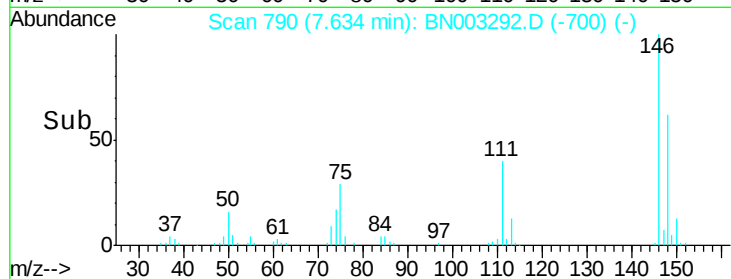
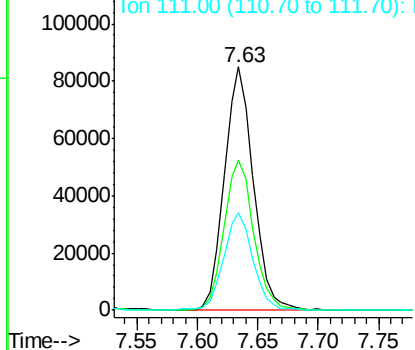
#13
 1,4-Dichlorobenzene
 Concen: 19.573 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:146 Resp: 141112
 Ion Ratio Lower Upper
 146 100
 148 61.5 50.2 75.2
 111 40.1 32.1 48.1

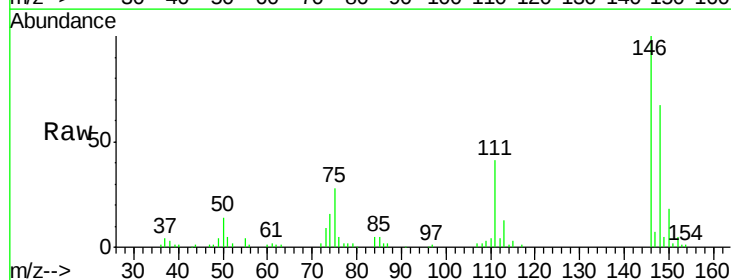


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

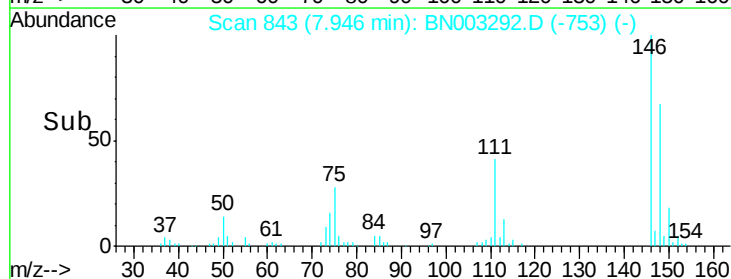
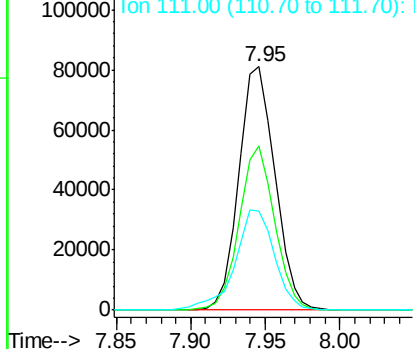


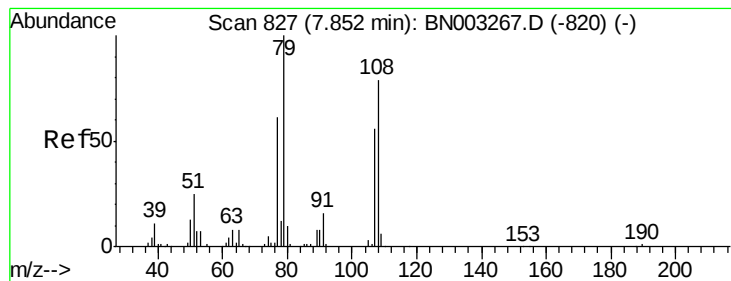
#14
 1,2-Dichlorobenzene
 Concen: 19.510 ng
 RT: 7.95 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:146 Resp: 136511
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.4 77.2
 111 40.9 33.1 49.7



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





#15

Benzyl Alcohol

Concen: 19.063 ng

RT: 7.85 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

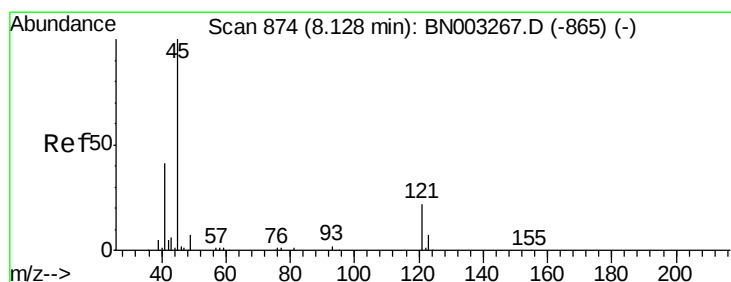
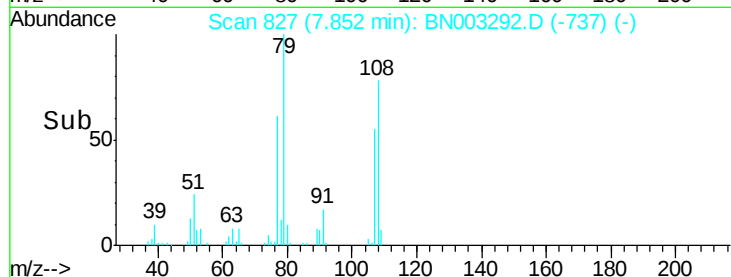
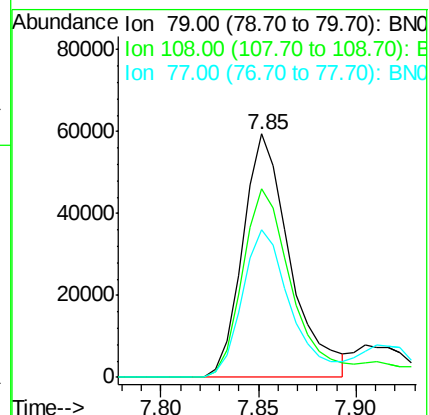
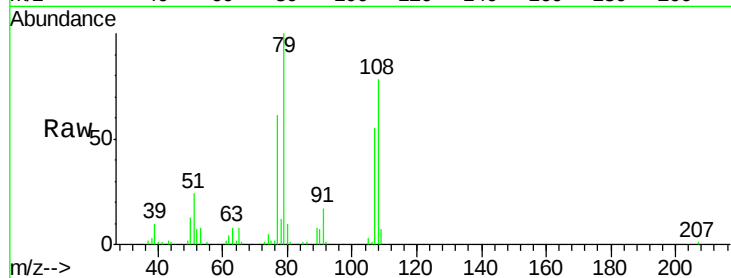
Tgt Ion: 79 Resp: 99873

Ion Ratio Lower Upper

79 100

108 77.5 63.3 94.9

77 60.9 49.0 73.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.227 ng

RT: 8.12 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

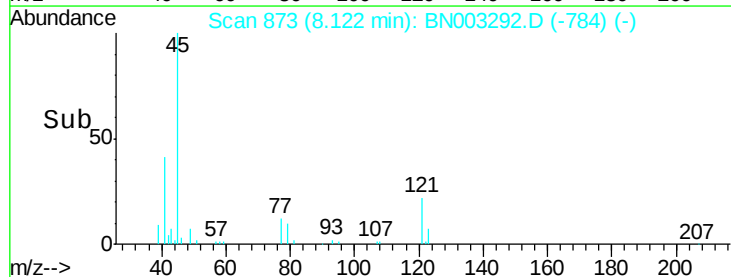
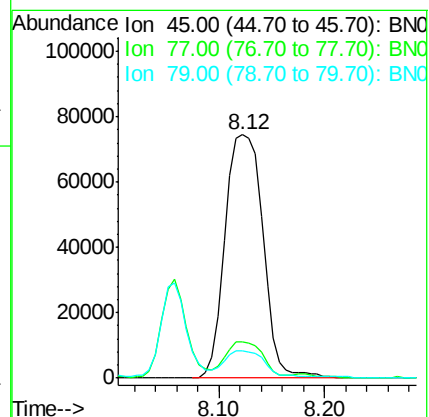
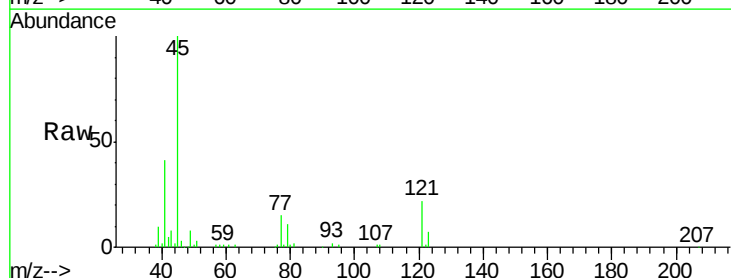
Tgt Ion: 45 Resp: 185833

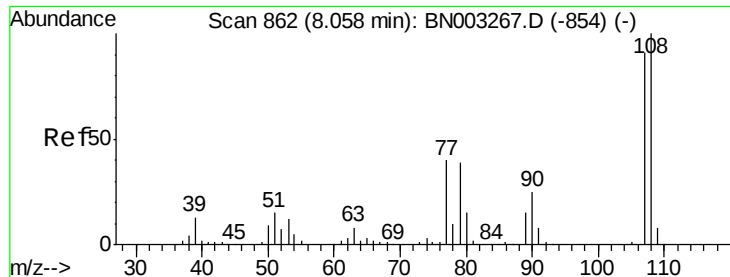
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.0

79 11.3 0.0 30.9

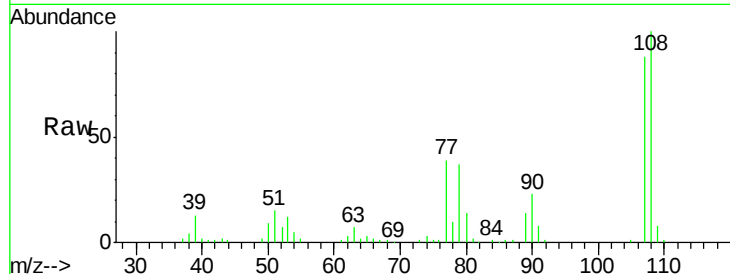




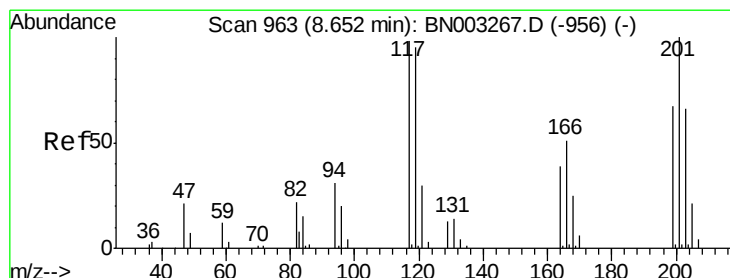
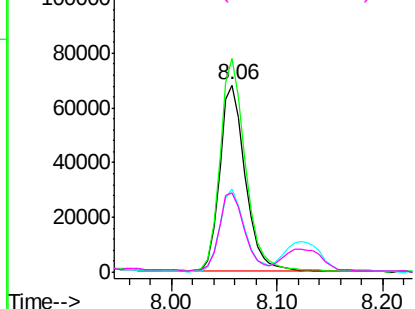
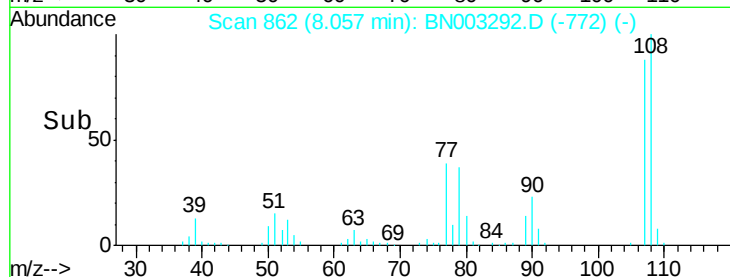
#17
2-Methylphenol
Concen: 21.831 ng
RT: 8.06 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:107 Resp: 114466
Ion Ratio Lower Upper
107 100
108 114.1 87.6 131.4
77 44.3 35.3 52.9
79 42.7 34.2 51.4

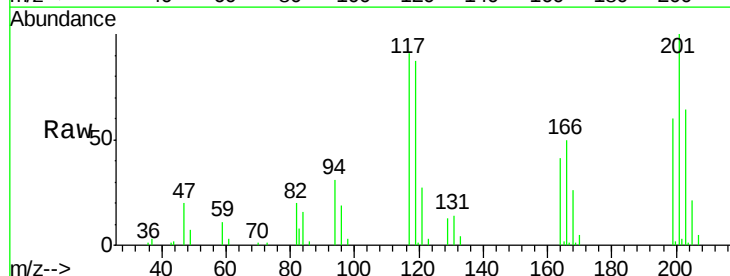


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

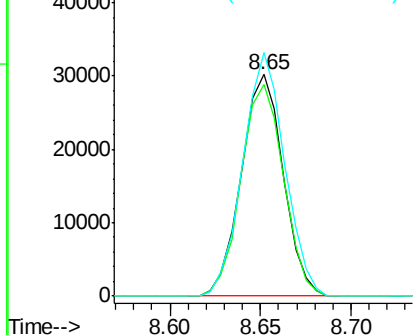
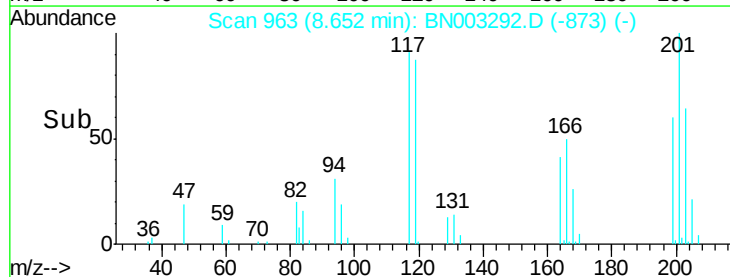


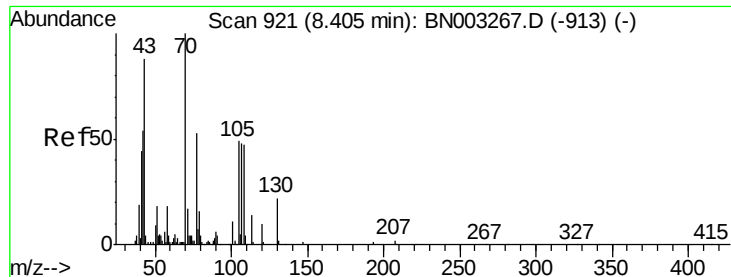
#18
Hexachloroethane
Concen: 19.260 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:117 Resp: 48643
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.6
201 109.8 81.4 122.2



Abundance Ion 117.00 (116.70 to 117.70): E
40000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

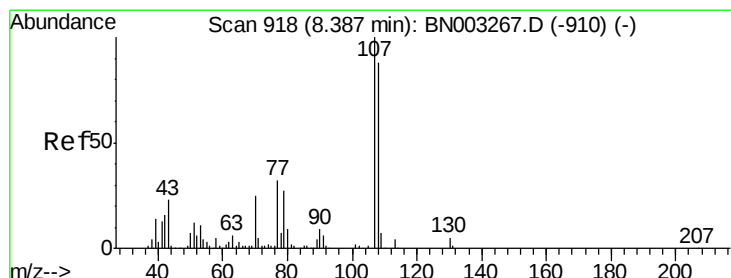
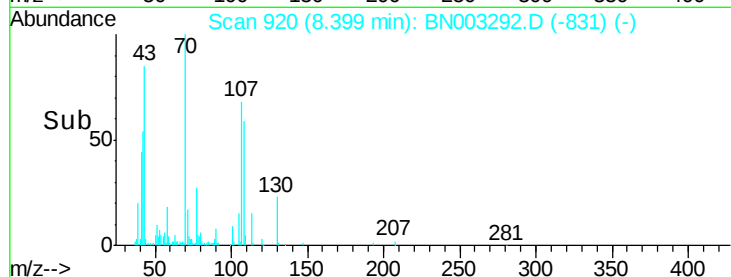
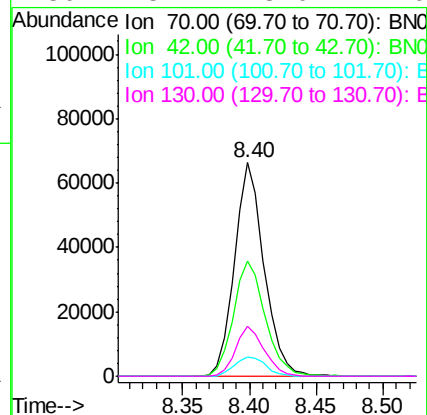
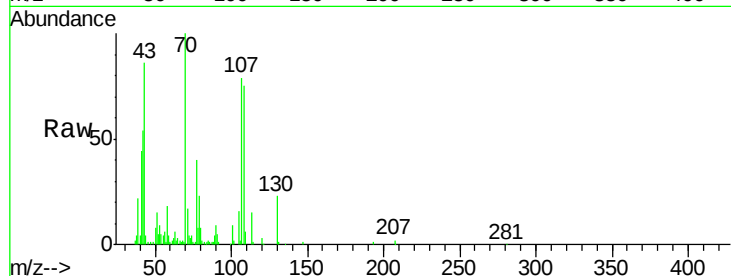




#19
n-Nitroso-di-n-propylamine
Concen: 19.585 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

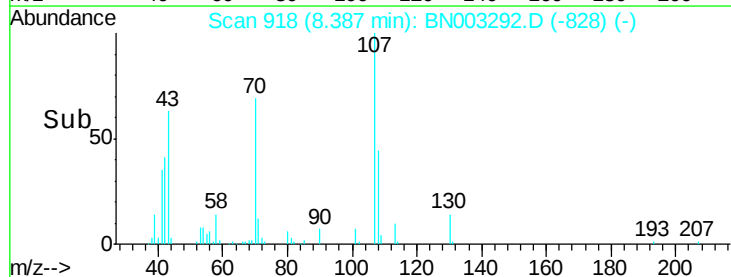
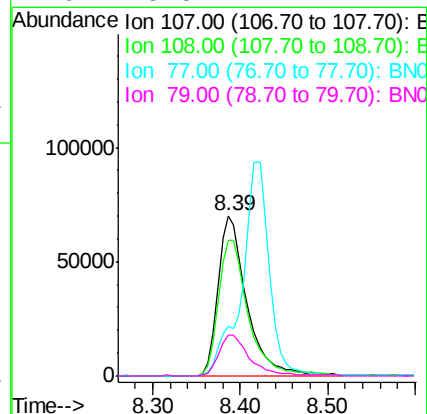
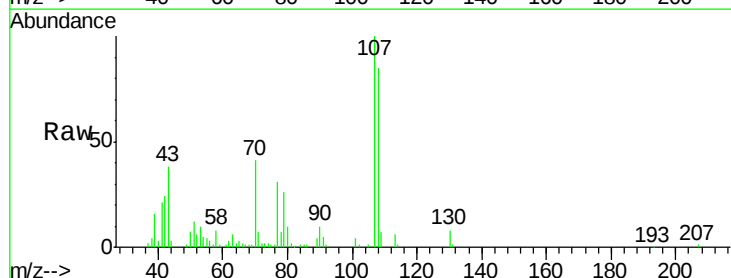
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

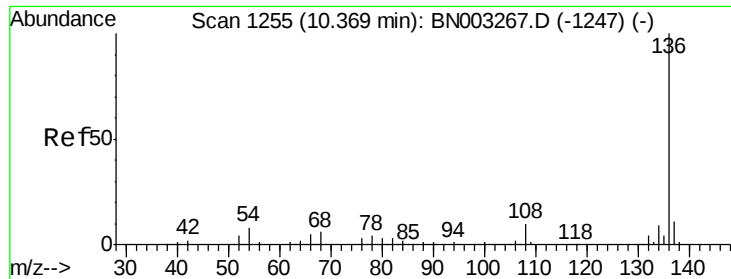
Tgt Ion:	70	Resp:	102675
Ion	Ratio	Lower	Upper
70	100		
42	54.2	43.5	65.3
101	9.1	8.6	12.8
130	23.2	18.0	27.0



#20
3+4-Methylphenols
Concen: 21.473 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:	107	Resp:	159931
Ion	Ratio	Lower	Upper
107	100		
108	84.7	67.8	107.8
77	31.3	12.1	52.1
79	25.8	7.2	47.2

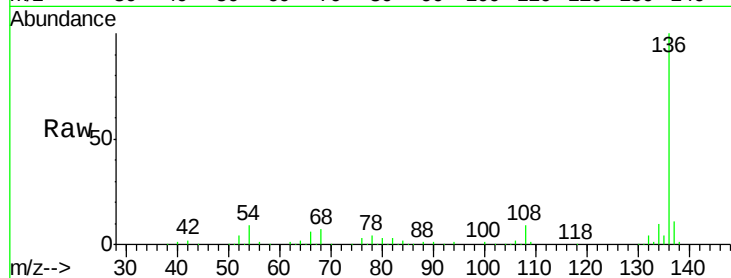




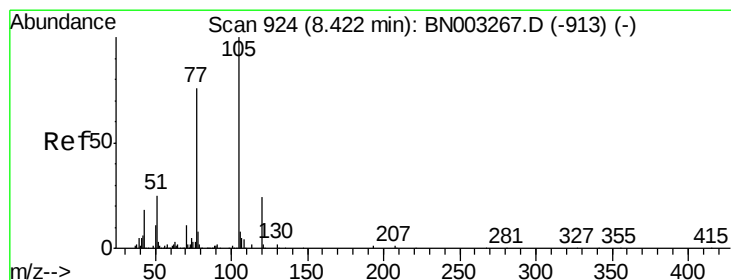
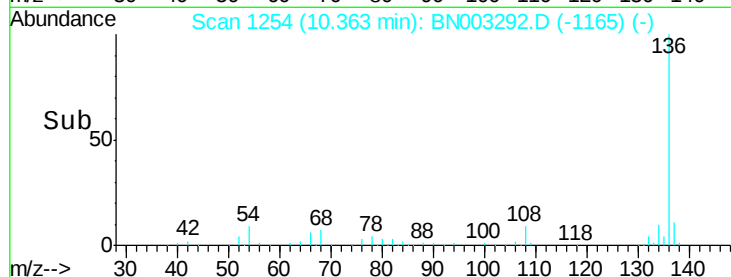
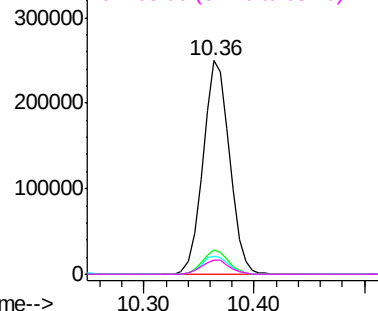
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:	136	Resp:	420031
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.6	6.6	10.0
68	6.6	4.6	7.0

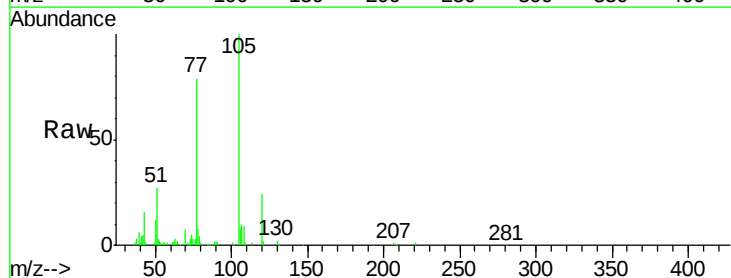


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

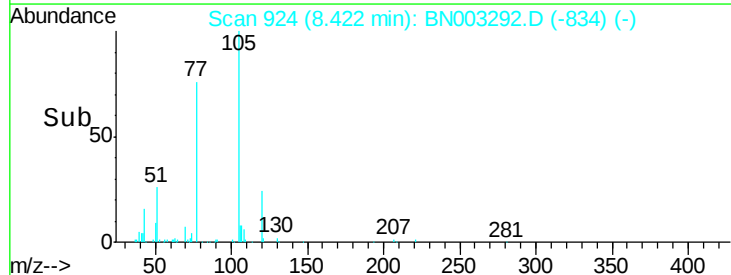
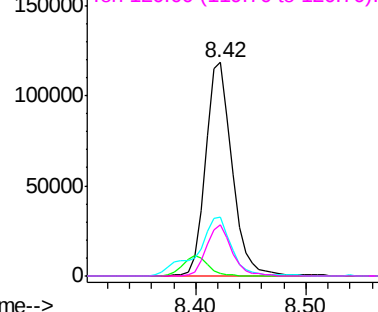


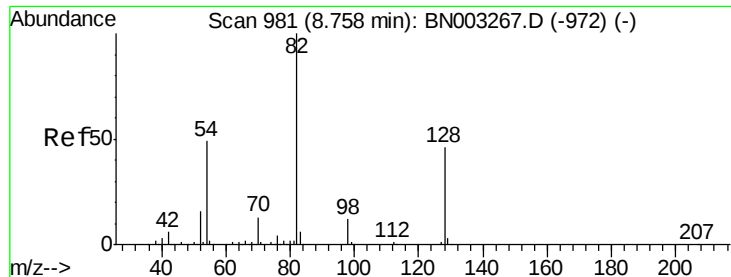
#22
Acetophenone
Concen: 19.610 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:	105	Resp:	199652
Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.3	1.9
51	27.3	20.5	30.7
120	24.1	19.0	28.6



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

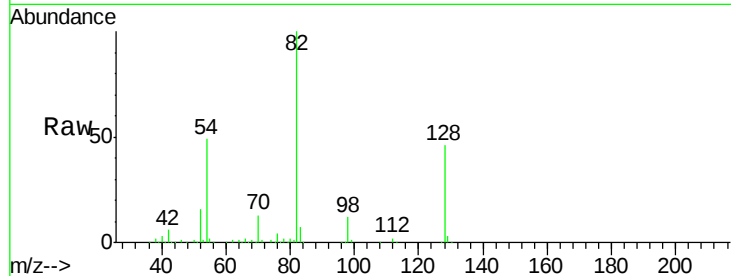




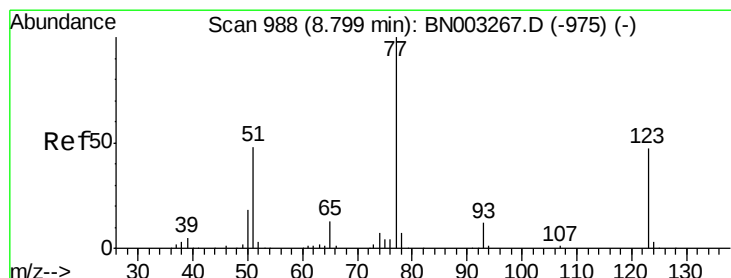
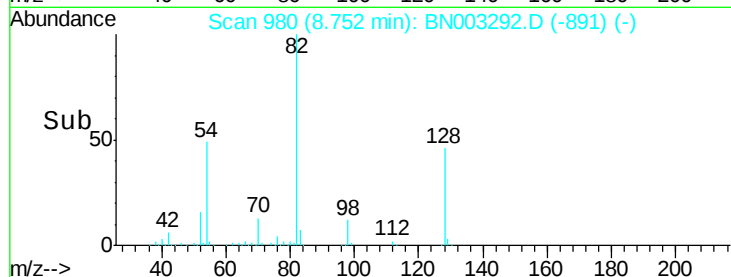
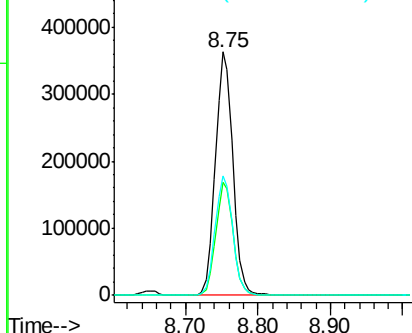
#23
 Nitrobenzene-d5
 Concen: 82.930 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.1	55.7
54	49.1	39.4	59.2

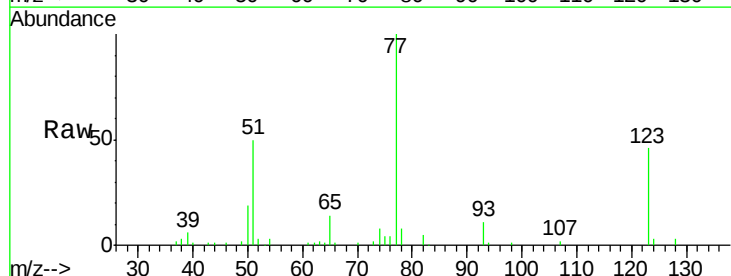


Abundance Ion 82.00 (81.70 to 82.70): BNC
 Ion 128.00 (127.70 to 128.70): BNC
 Ion 54.00 (53.70 to 54.70): BNC

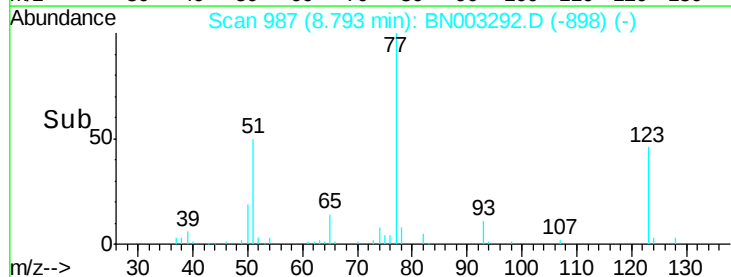
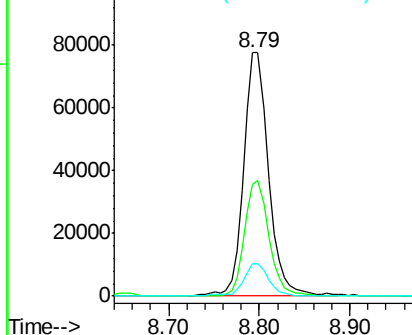


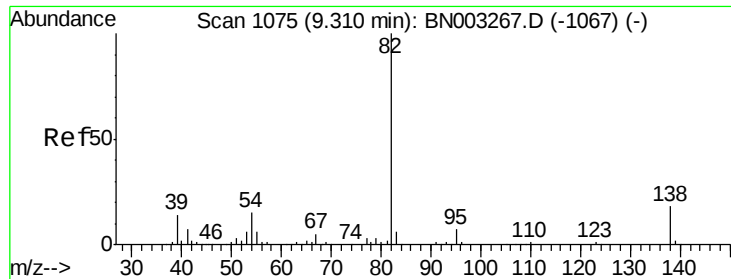
#24
 Nitrobenzene
 Concen: 19.809 ng
 RT: 8.79 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.8	56.6
65	13.5	10.7	16.1



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

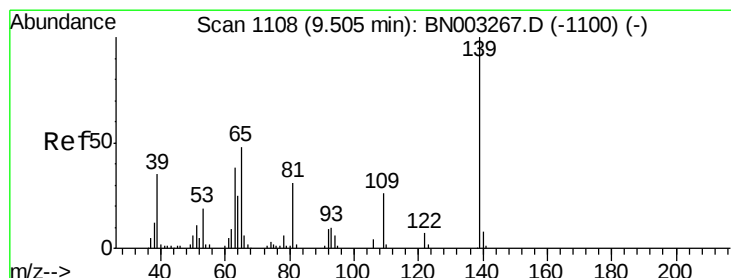
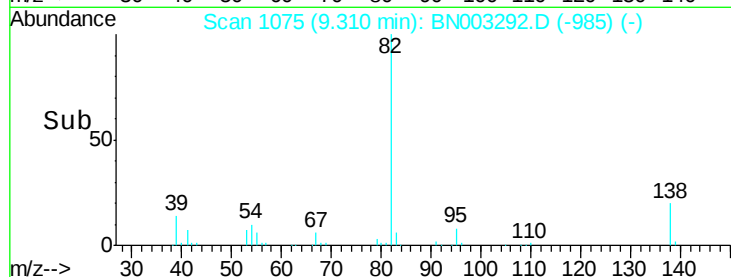
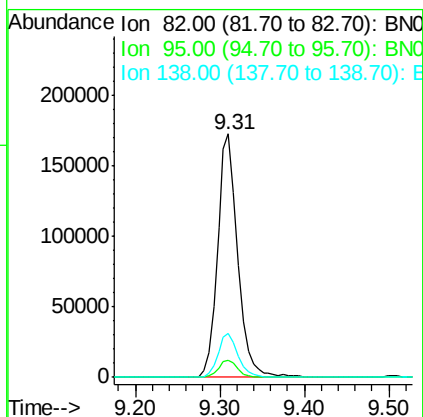
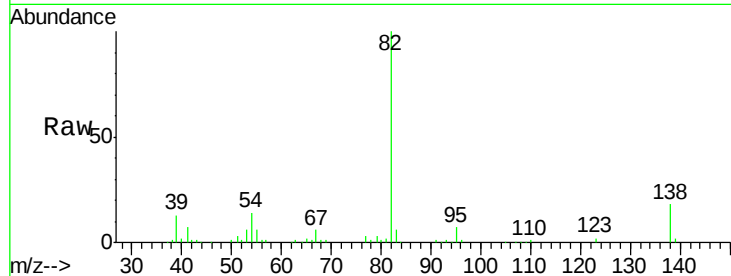




#25
Isophorone
Concen: 22.383 ng
RT: 9.31 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

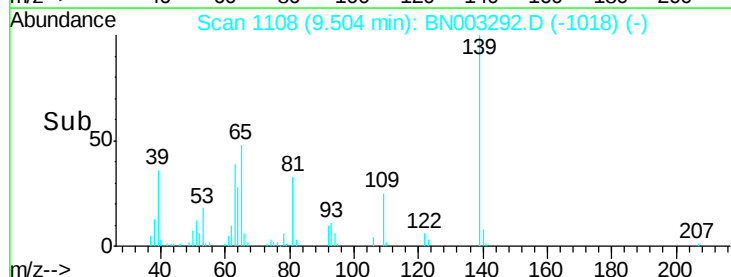
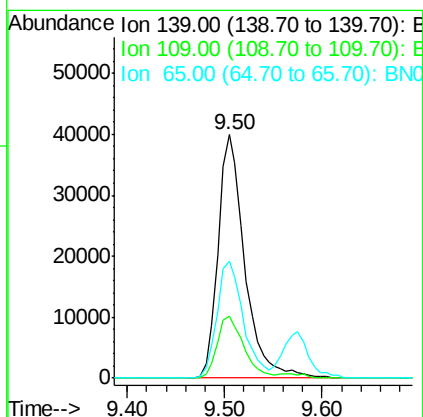
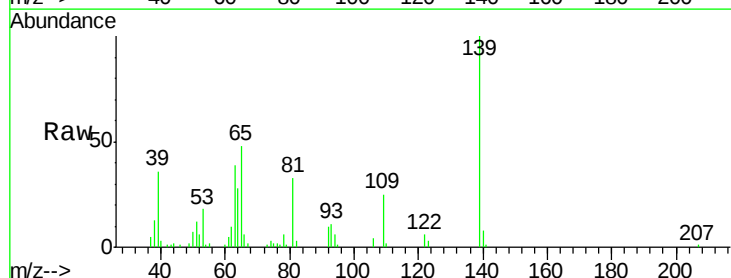
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

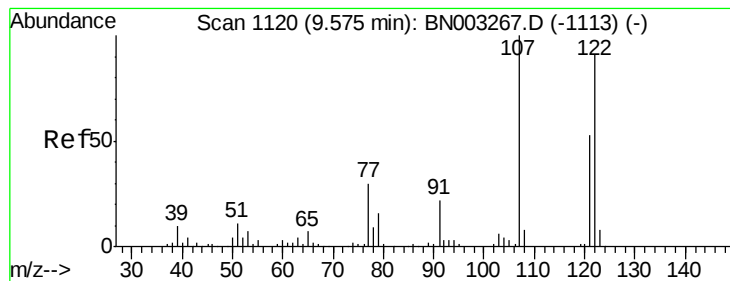
Tgt Ion: 82 Resp: 287560
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 19.195 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion: 139 Resp: 75509
Ion Ratio Lower Upper
139 100
109 25.3 20.5 30.7
65 47.9 38.4 57.6





#27

2,4-Dimethylphenol

Concen: 23.666 ng

RT: 9.58 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

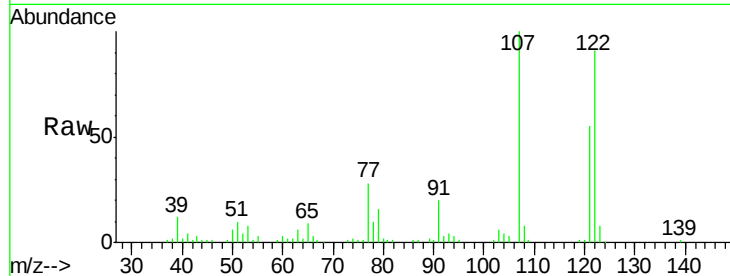
Tgt Ion:122 Resp: 130899

Ion Ratio Lower Upper

122 100

107 110.1 87.8 131.6

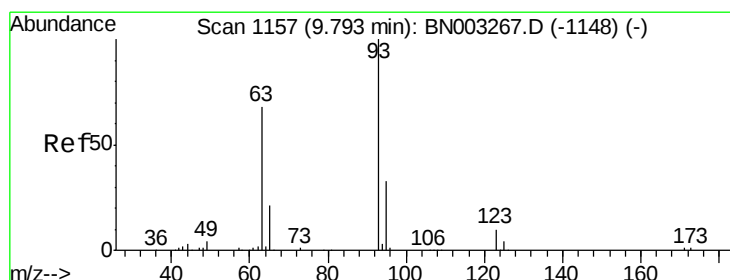
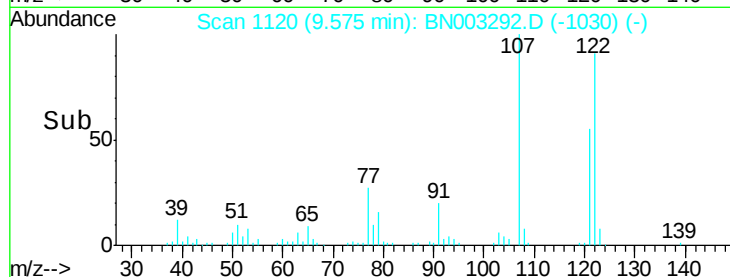
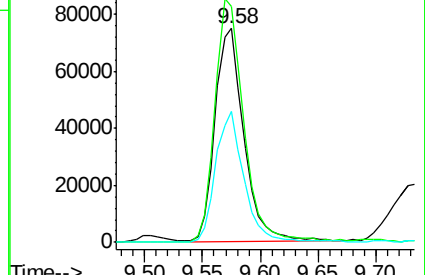
121 61.0 46.9 70.3



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: 20.921 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

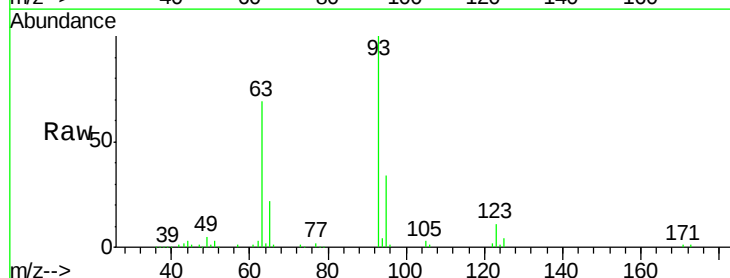
Tgt Ion: 93 Resp: 181069

Ion Ratio Lower Upper

93 100

95 34.0 26.2 39.4

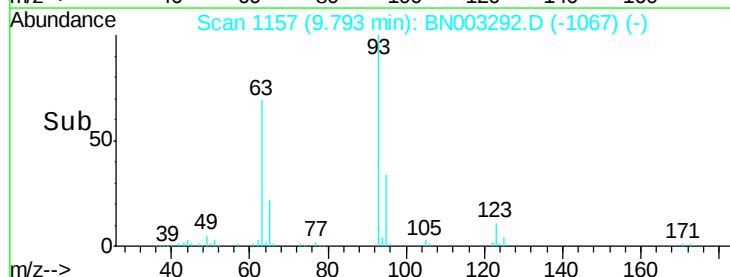
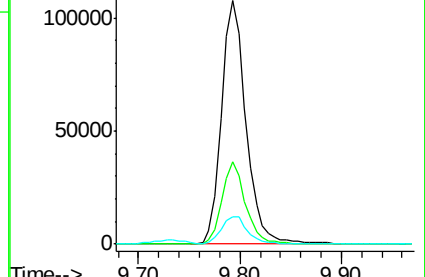
123 11.4 9.1 13.7

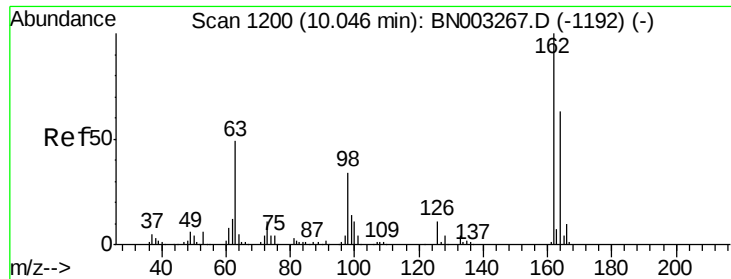


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

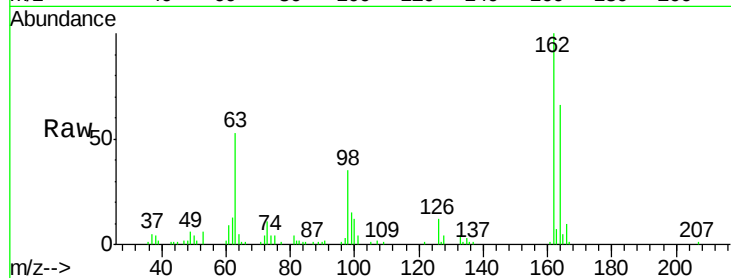




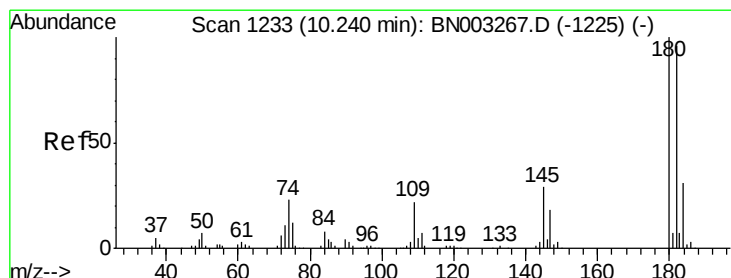
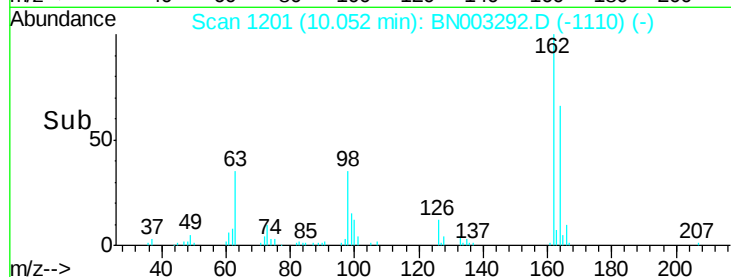
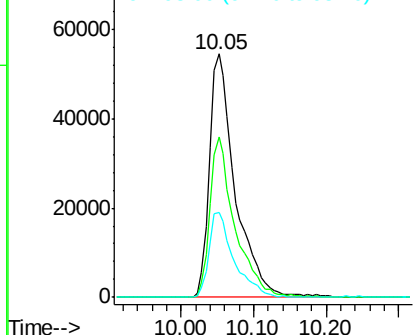
#29
 2,4-Dichlorophenol
 Concen: 21.313 ng
 RT: 10.05 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:162 Resp: 134524
 Ion Ratio Lower Upper
 162 100
 164 66.0 42.5 82.5
 98 34.9 14.0 54.0

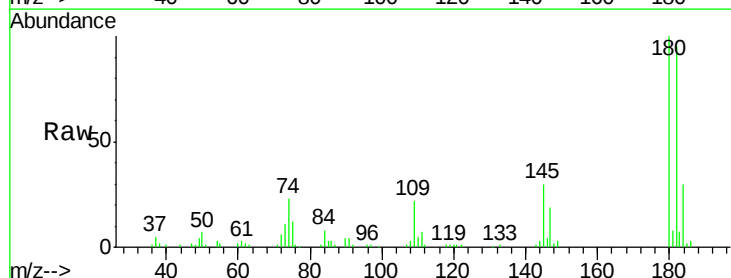


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

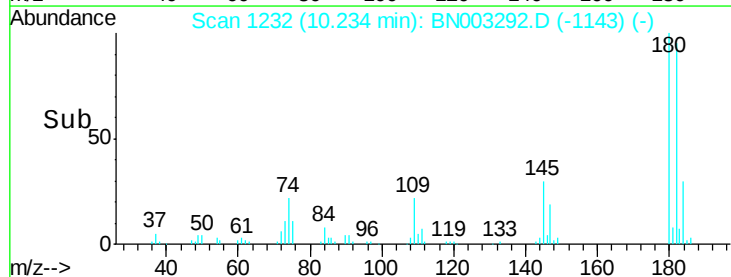
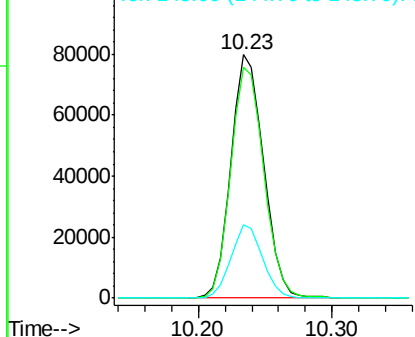


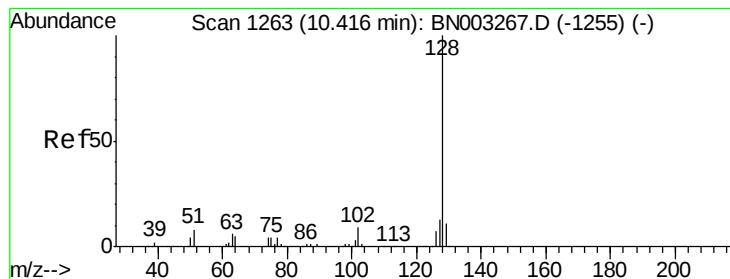
#30
 1,2,4-Trichlorobenzene
 Concen: 18.993 ng
 RT: 10.23 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:180 Resp: 136281
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.4 114.6
 145 30.3 23.6 35.4



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: 20.950 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

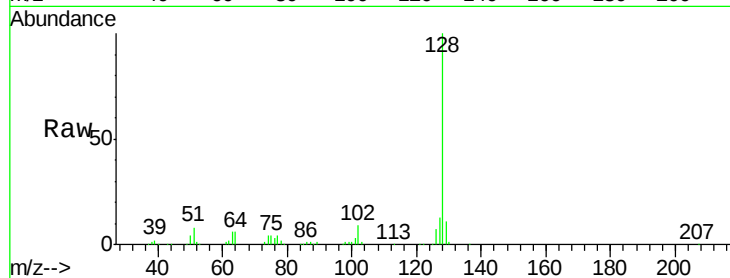
Tgt Ion:128 Resp: 430004

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

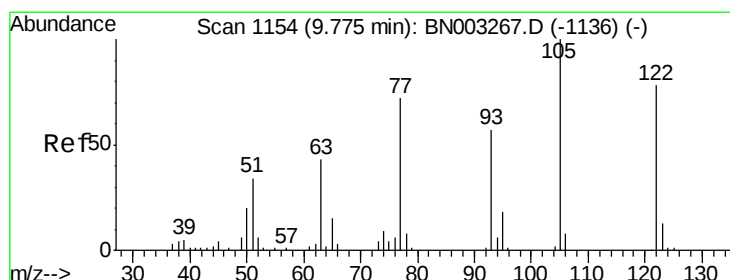
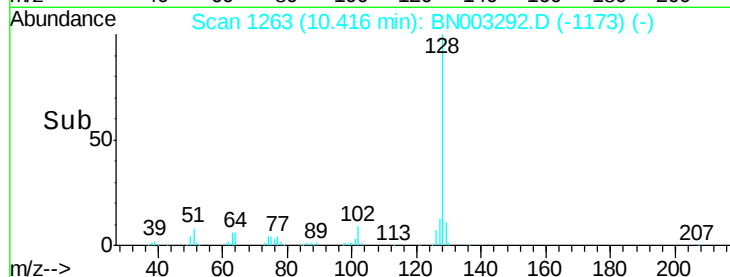
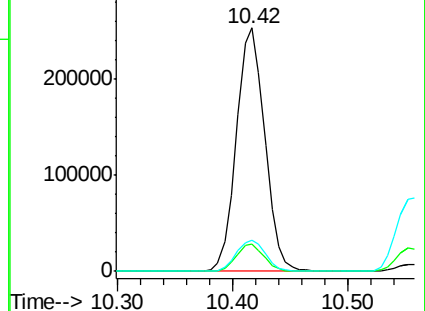
127 12.9 10.4 15.6



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: 15.777 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.04 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

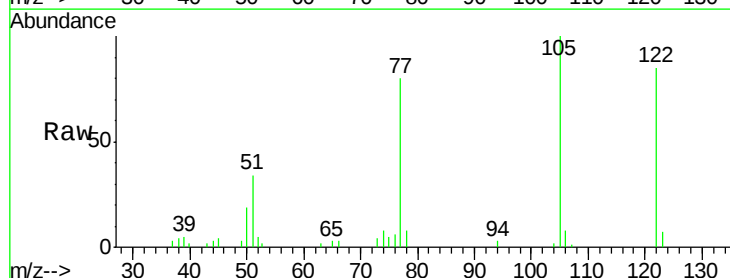
Tgt Ion:122 Resp: 56896

Ion Ratio Lower Upper

122 100

105 118.3 106.8 146.8

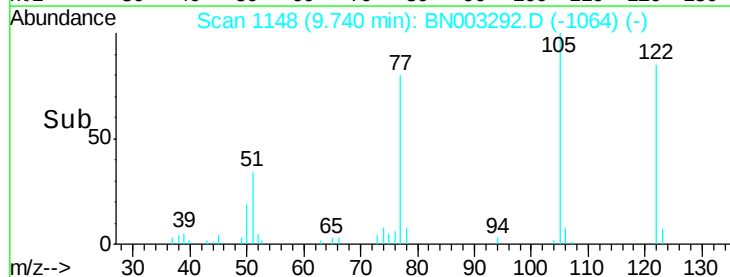
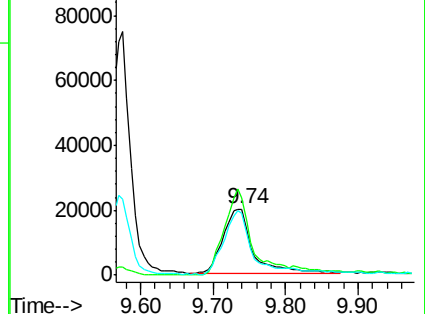
77 94.4 71.9 111.9

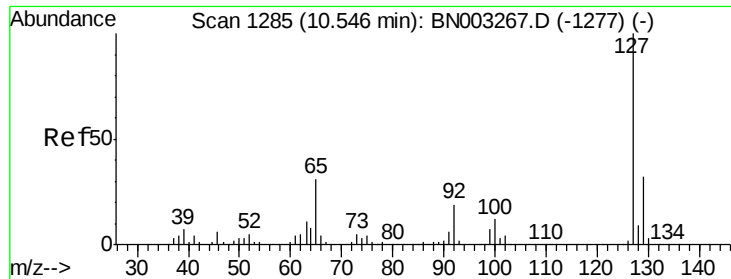


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

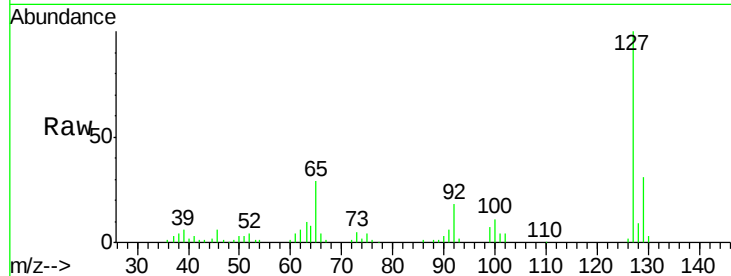




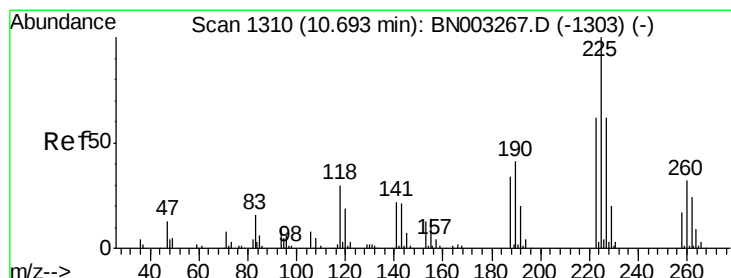
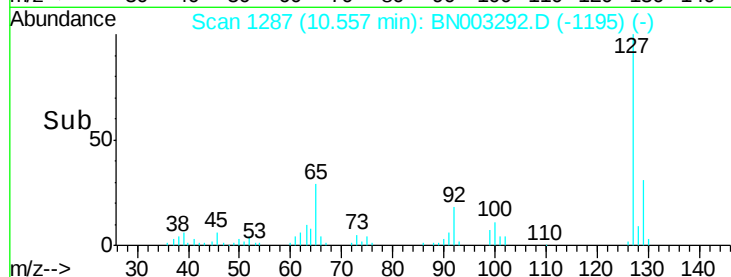
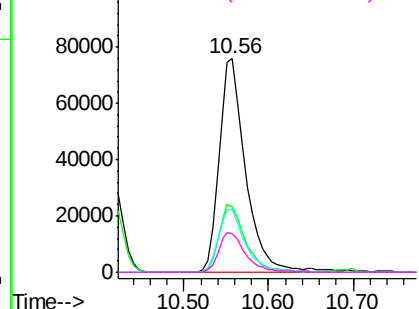
#33
4-Chloroaniline
Concen: 18.334 ng
RT: 10.56 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:127 Resp: 166284
Ion Ratio Lower Upper
127 100
129 30.8 25.8 38.6
65 29.4 24.6 36.8
92 18.2 15.3 22.9

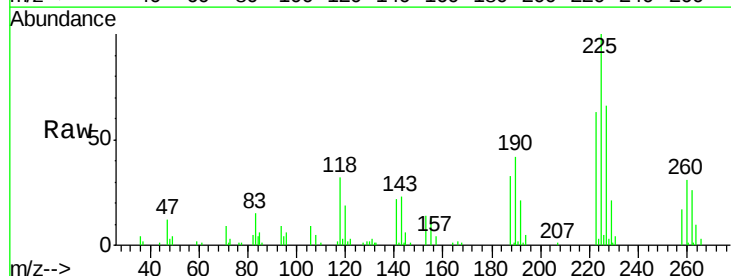


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

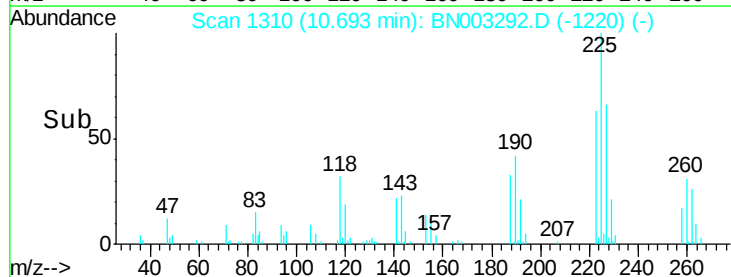
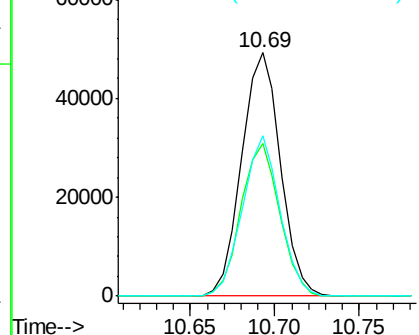


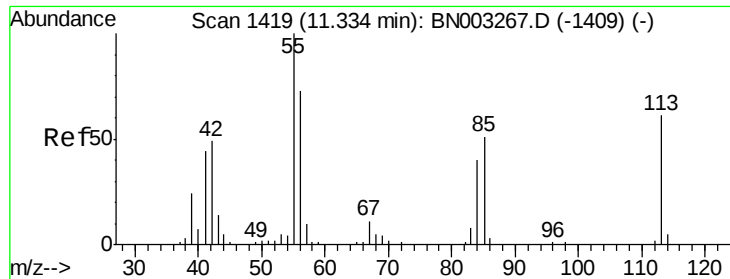
#34
Hexachlorobutadiene
Concen: 18.380 ng
RT: 10.69 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:225 Resp: 78702
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.8
227 65.8 49.6 74.4



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

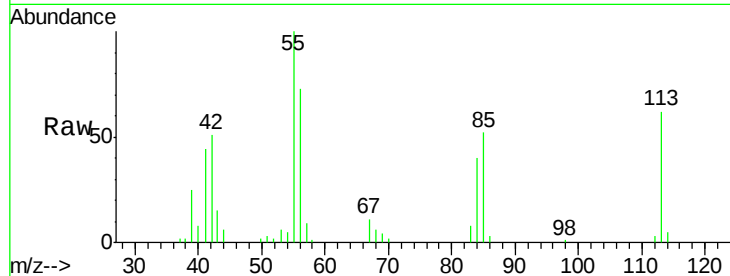




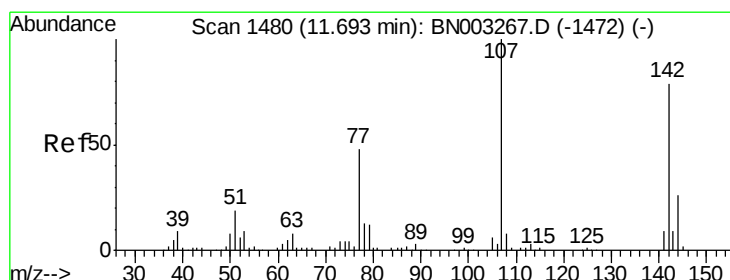
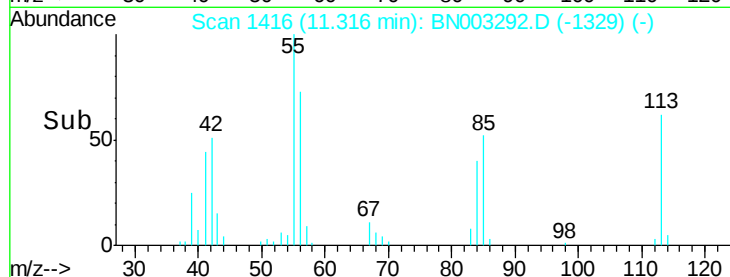
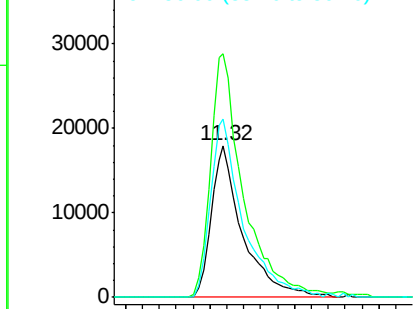
#35
 Caprolactam
 Concen: 18.805 ng
 RT: 11.32 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:113 Resp: 46475
 Ion Ratio Lower Upper
 113 100
 55 160.1 144.2 184.2
 56 116.9 100.6 140.6

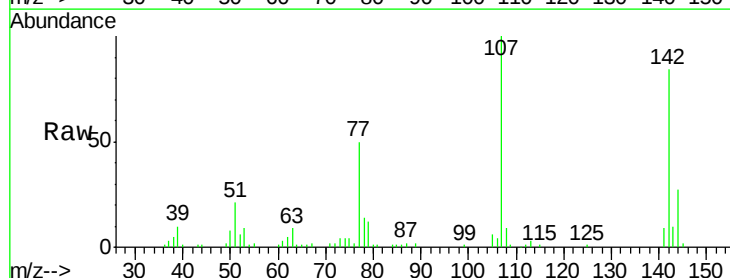


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

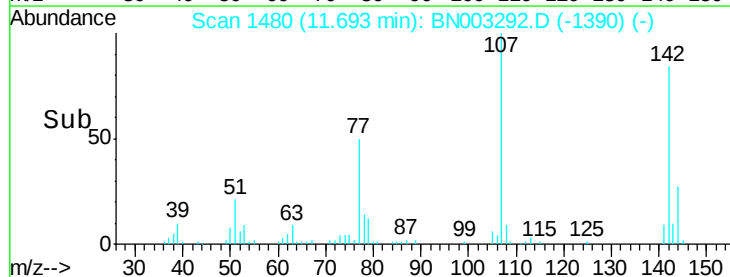
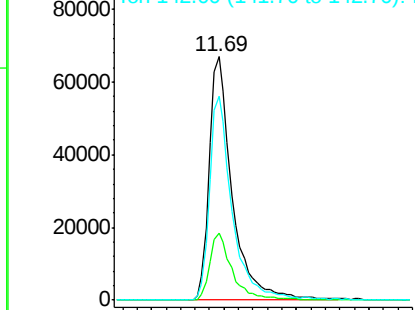


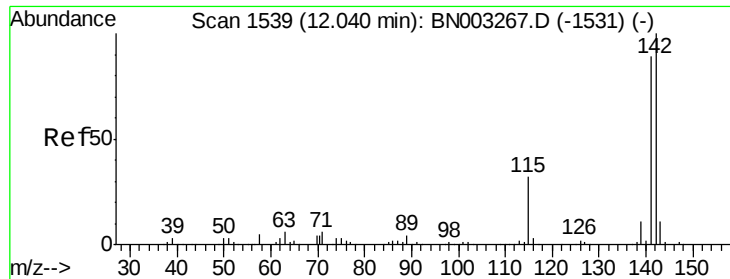
#36
 4-Chloro-3-methylphenol
 Concen: 21.056 ng
 RT: 11.69 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:107 Resp: 148222
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.8 31.2
 142 83.8 63.5 95.3



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

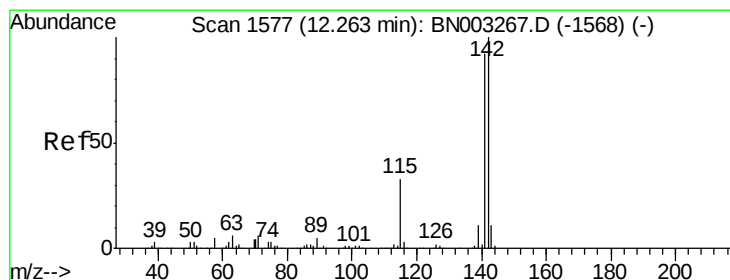
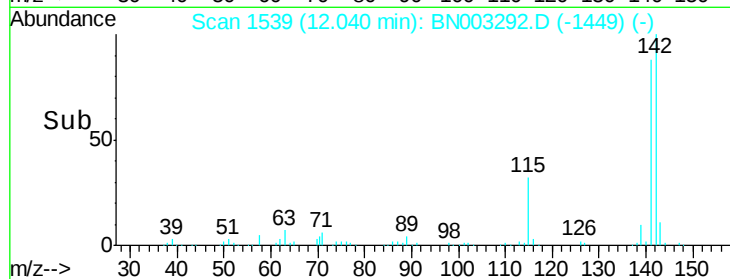
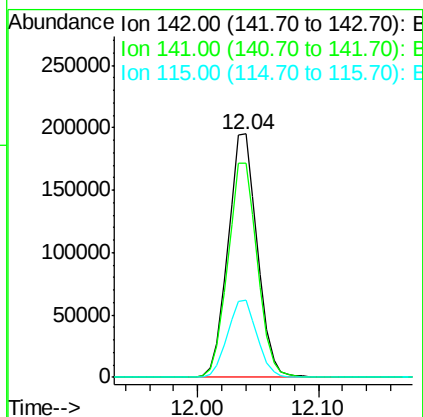
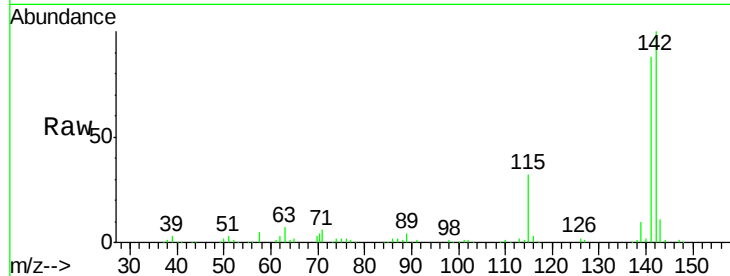




#37
2-Methylnaphthalene
Concen: 22.422 ng
RT: 12.04 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

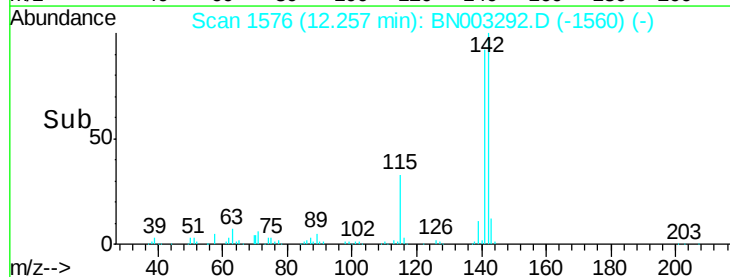
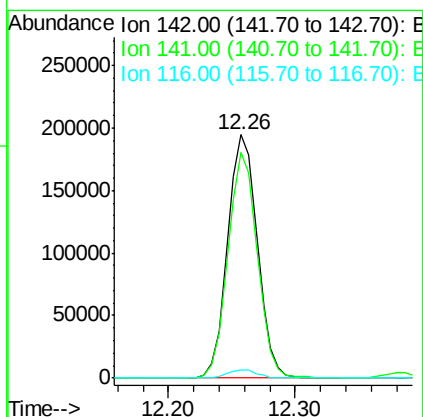
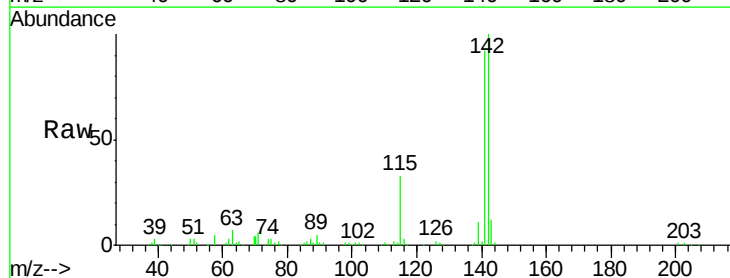
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

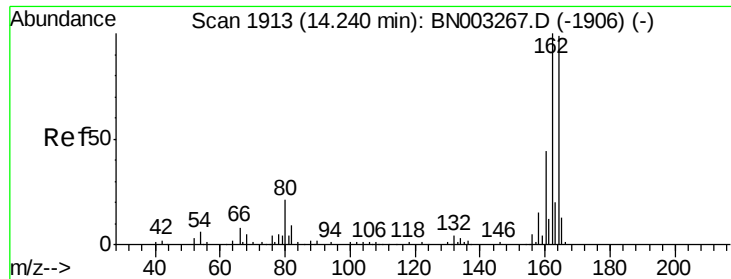
Tgt Ion:142 Resp: 328887
Ion Ratio Lower Upper
142 100
141 87.9 71.6 107.4
115 31.9 25.5 38.3



#38
1-Methylnaphthalene
Concen: 22.059 ng
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:142 Resp: 316017
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4
116 3.2 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

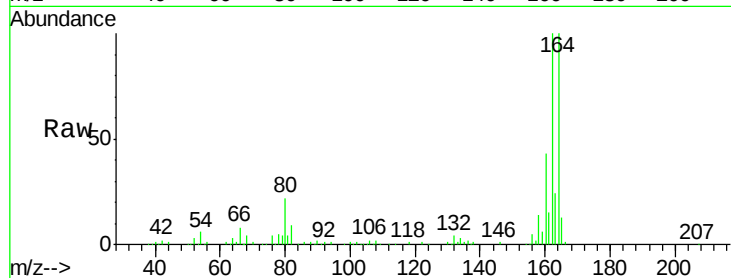
Tgt Ion:164 Resp: 265306

Ion Ratio Lower Upper

164 100

162 100.5 80.8 121.2

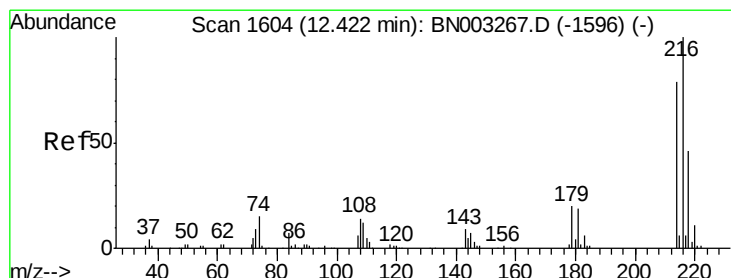
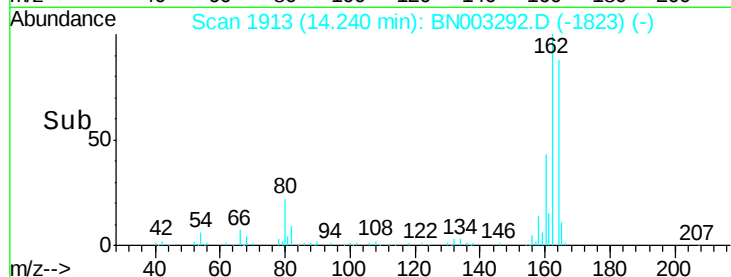
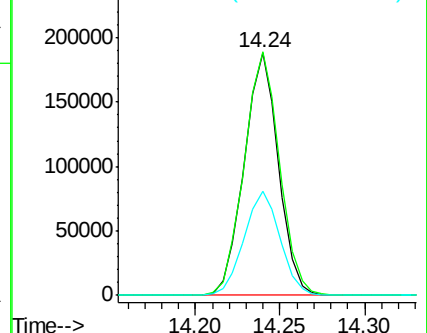
160 42.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 18.630 ng

RT: 12.42 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Tgt Ion:216 Resp: 163507

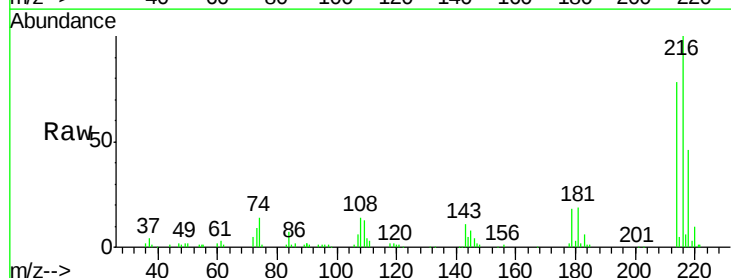
Ion Ratio Lower Upper

216 100

214 76.1 62.8 94.2

179 19.5 16.0 24.0

108 15.9 12.9 19.3

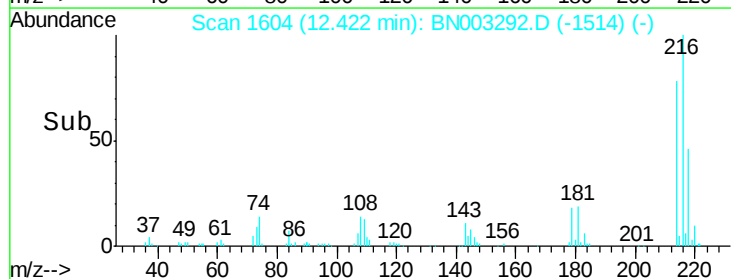
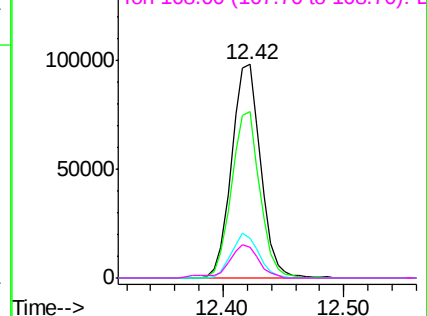


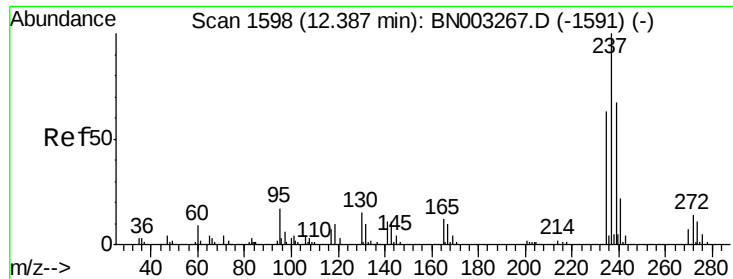
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 22.012 ng

RT: 12.38 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

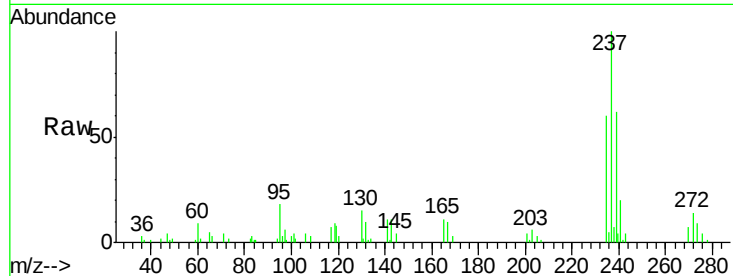
Tgt Ion: 237 Resp: 56046

Ion Ratio Lower Upper

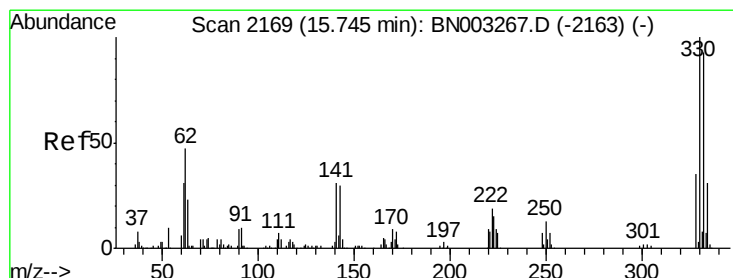
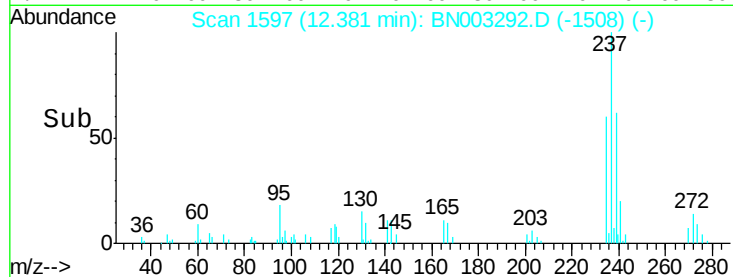
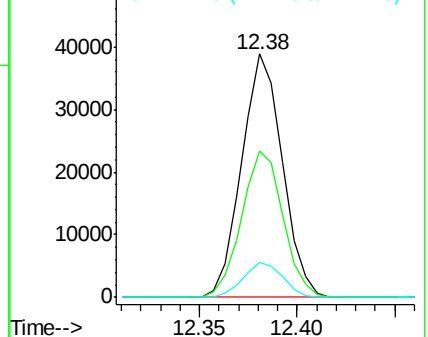
237 100

235 60.4 42.8 82.8

272 14.5 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 147.045 ng

RT: 15.75 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

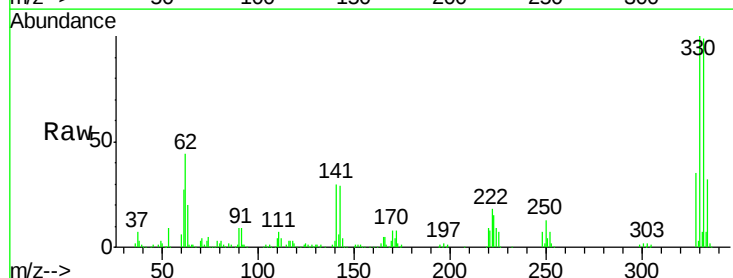
Tgt Ion: 330 Resp: 525310

Ion Ratio Lower Upper

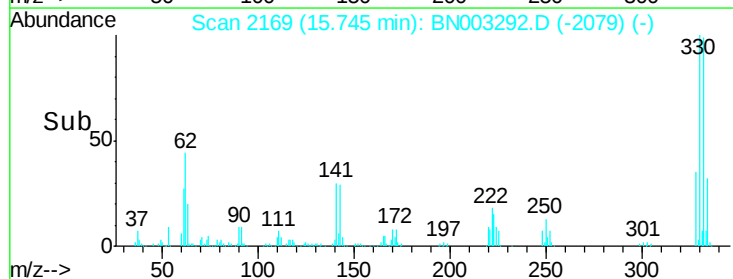
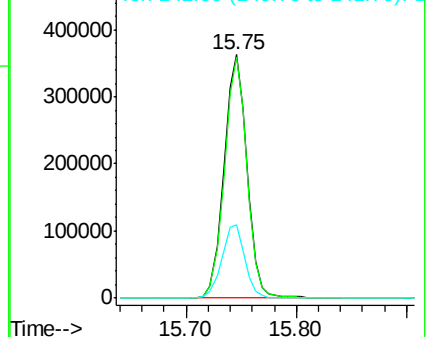
330 100

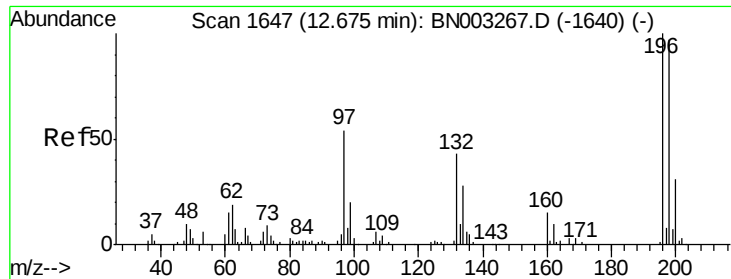
332 97.7 76.6 114.8

141 30.5 24.5 36.7



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

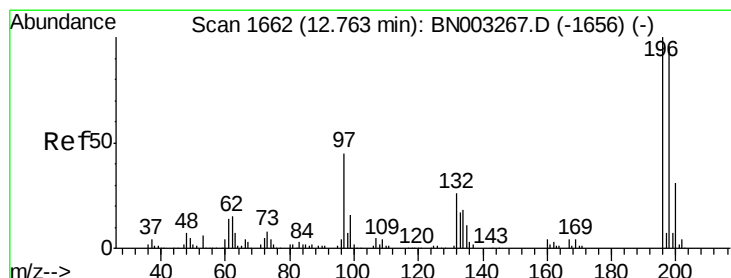
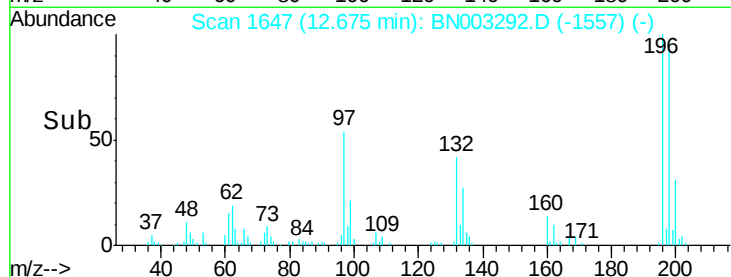
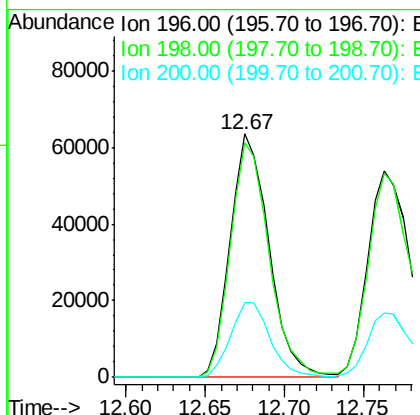
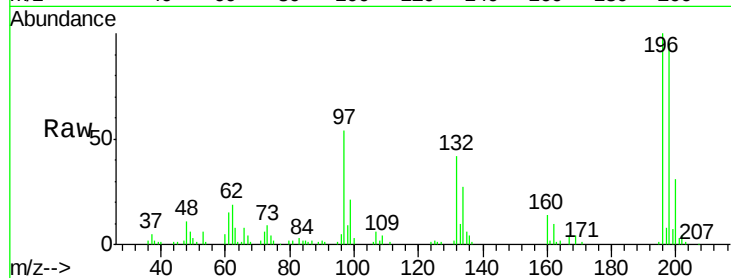




#43
 2,4,6-Trichlorophenol
 Concen: 19.478 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

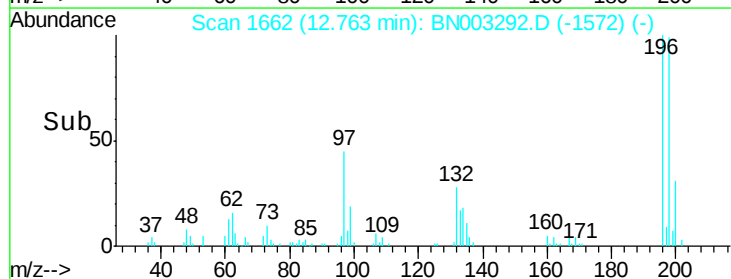
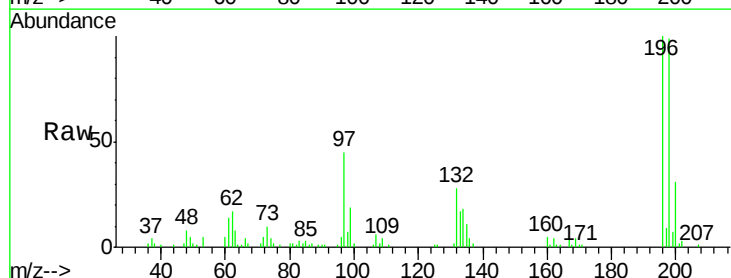
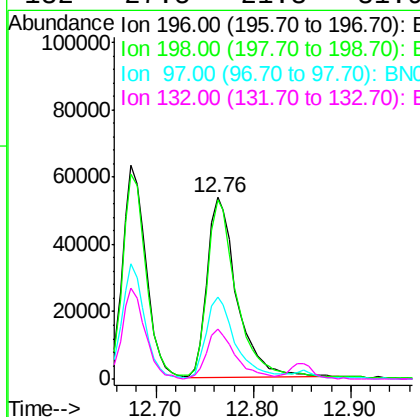
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

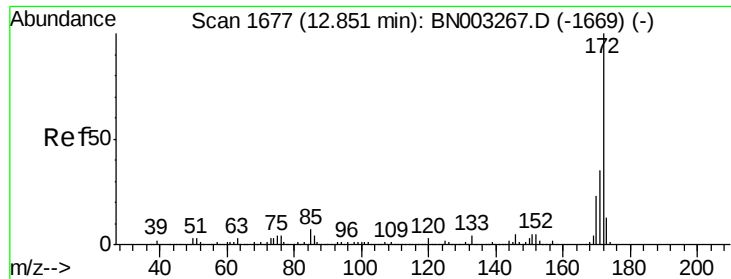
Tgt Ion:196 Resp: 108007
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.4 116.0
 200 30.7 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 19.503 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:196 Resp: 112808
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.8 115.2
 97 45.0 35.8 53.8
 132 27.5 21.3 31.9

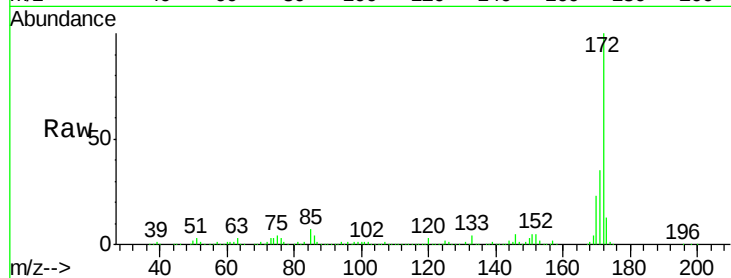




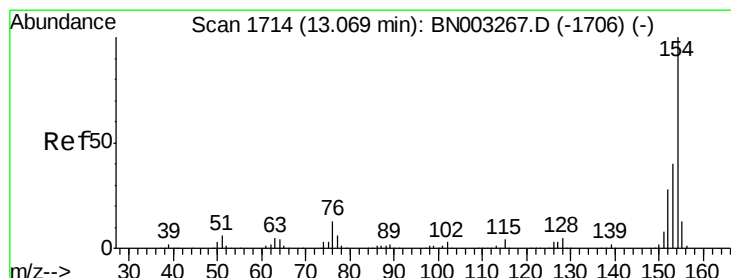
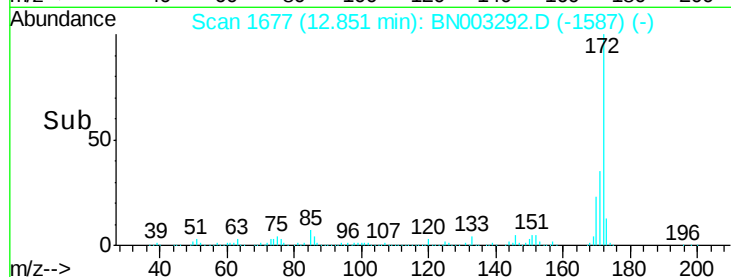
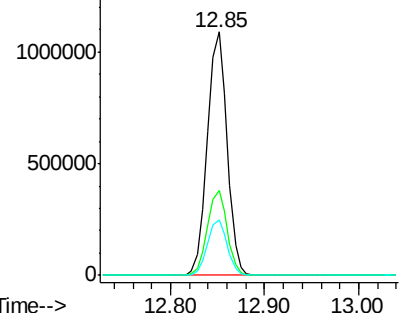
#45
 2-Fluorobiphenyl
 Concen: 81.815 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:172 Resp: 1600228
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.4
 170 22.9 18.4 27.6

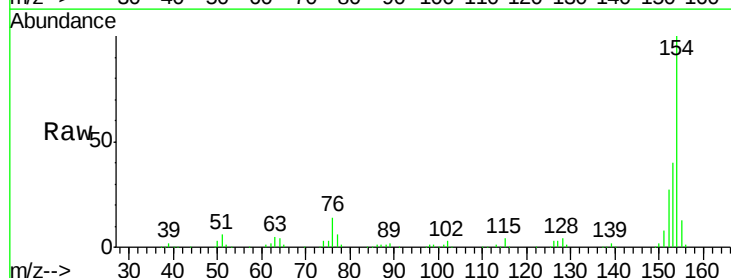


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

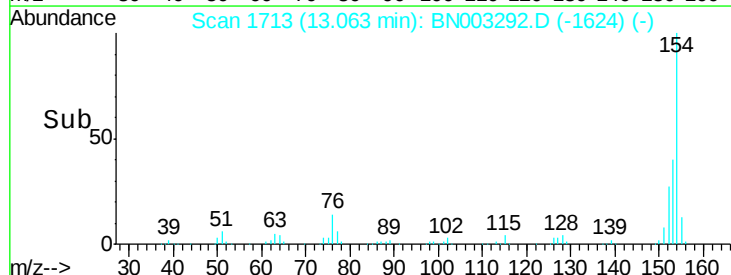
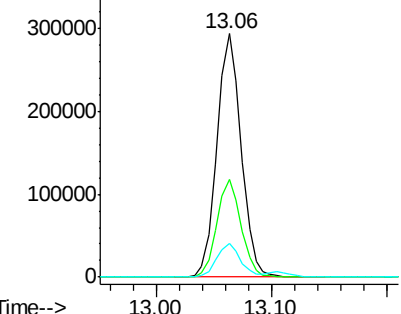


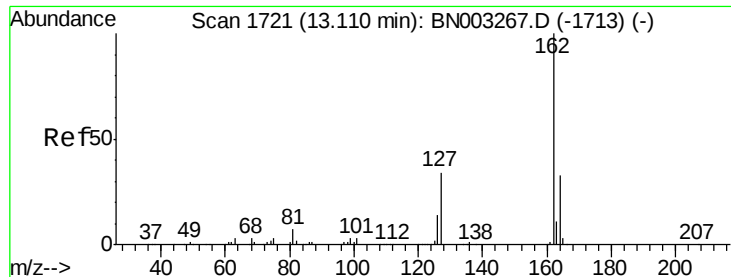
#46
 1,1'-Biphenyl
 Concen: 18.307 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:154 Resp: 426283
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.5 60.5
 76 13.7 0.0 33.3



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

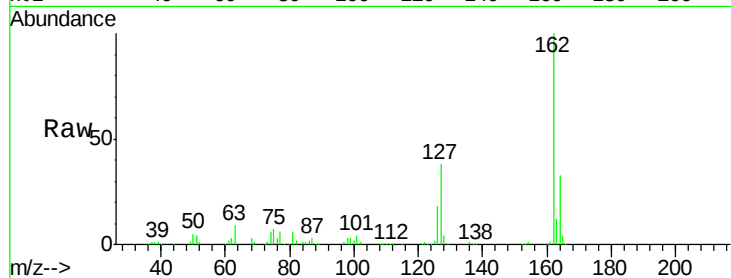




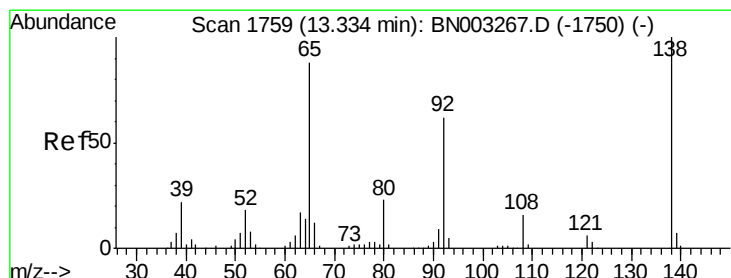
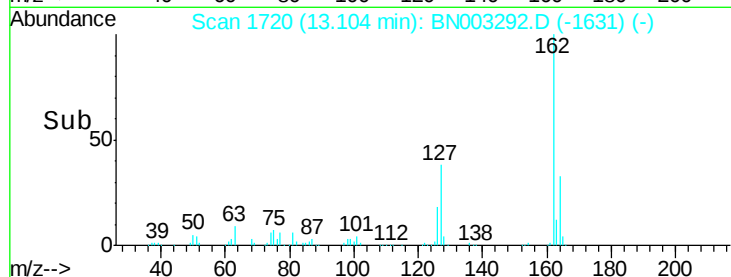
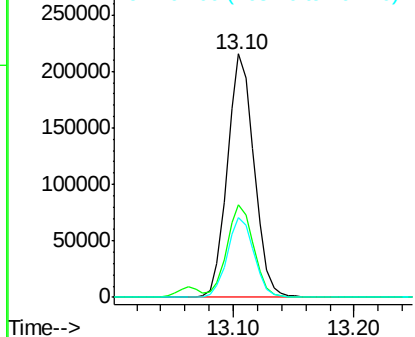
#47
2-Chloronaphthalene
Concen: 19.215 ng
RT: 13.10 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion: 162 Resp: 330031
Ion Ratio Lower Upper
162 100
127 37.8 29.8 44.6
164 32.9 26.3 39.5

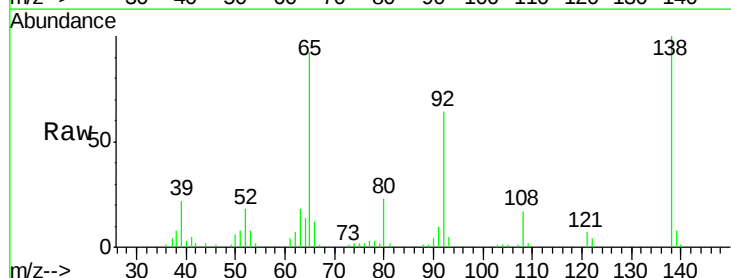


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

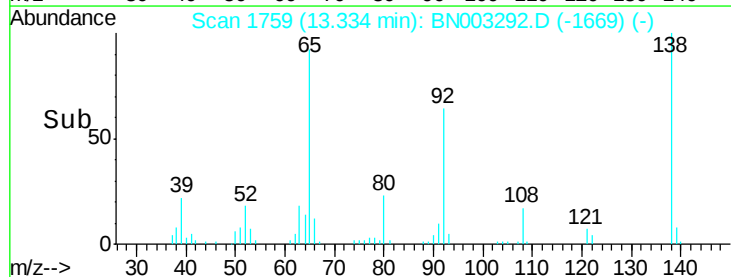
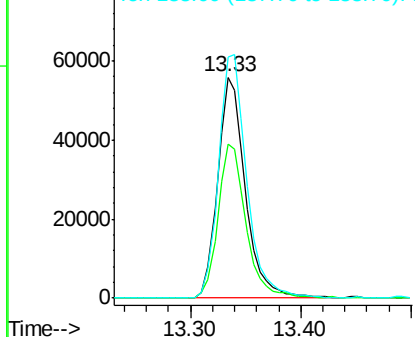


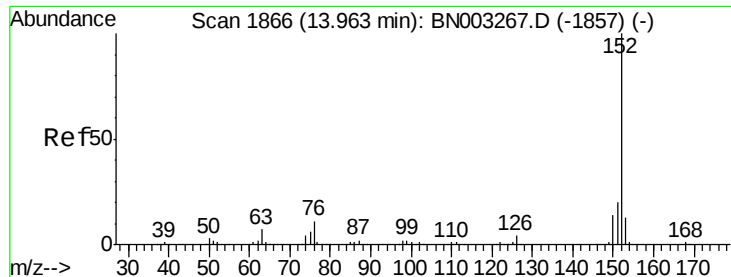
#48
2-Nitroaniline
Concen: 19.296 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion: 65 Resp: 97382
Ion Ratio Lower Upper
65 100
92 70.0 56.1 84.1
138 109.2 90.6 136.0



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): E





#49

Acenaphthylene

Concen: 21.213 ng

RT: 13.96 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

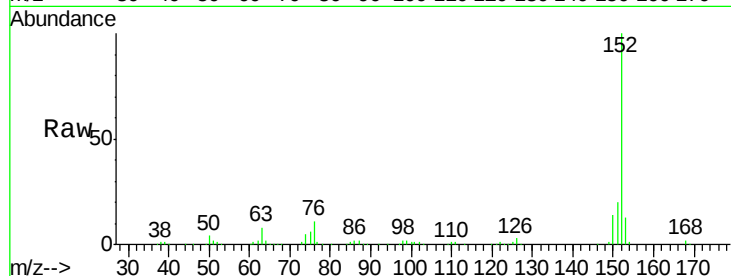
Tgt Ion:152 Resp: 557680

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

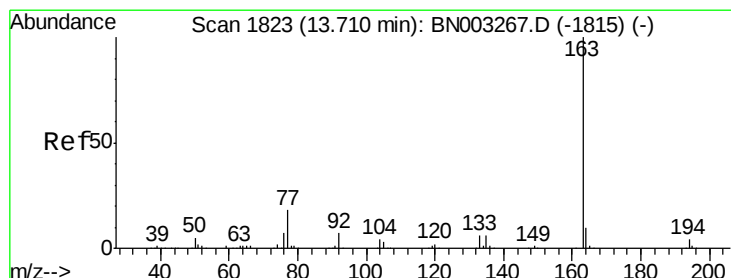
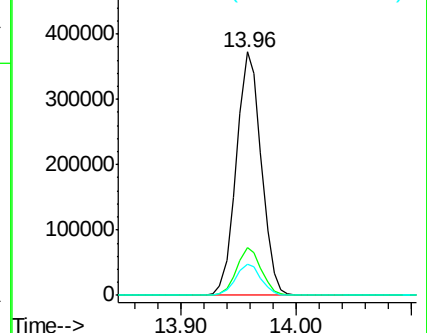
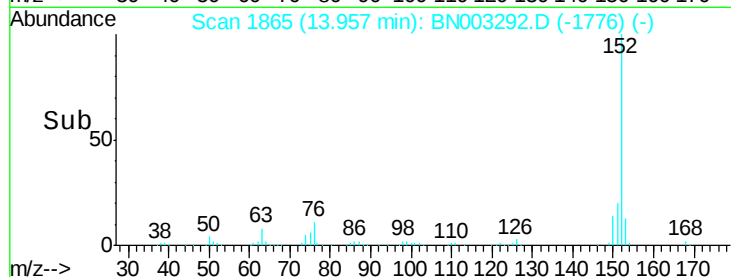
153 12.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 20.490 ng

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

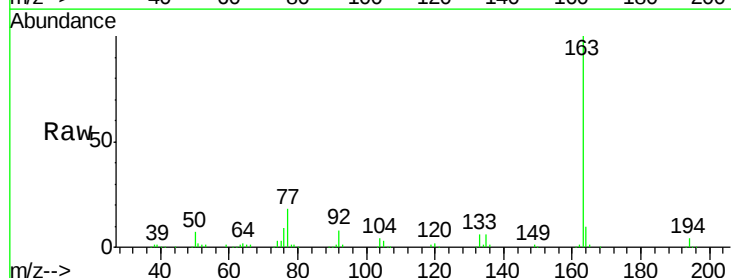
Tgt Ion:163 Resp: 439547

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

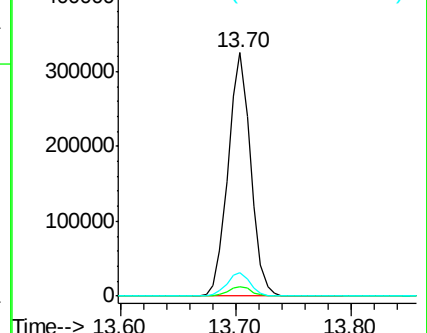
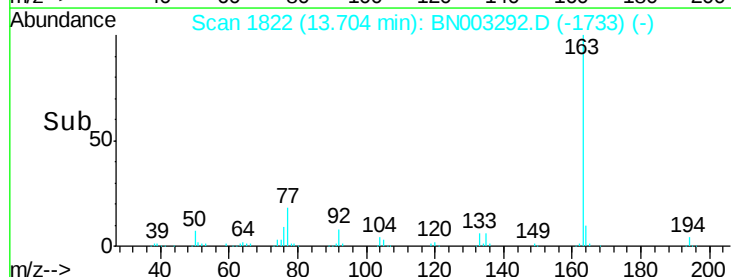
164 9.7 7.9 11.9

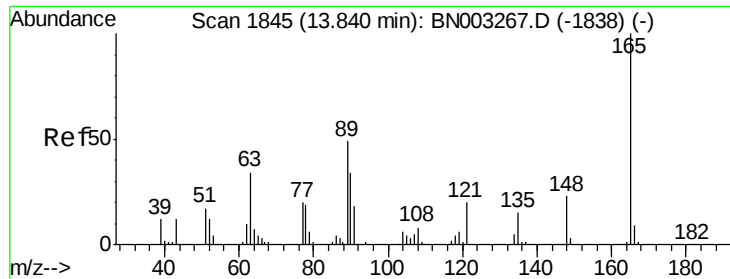


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

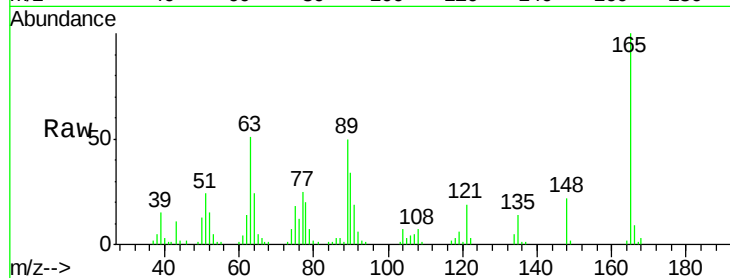




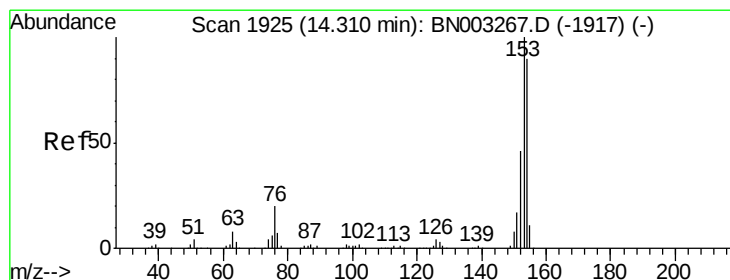
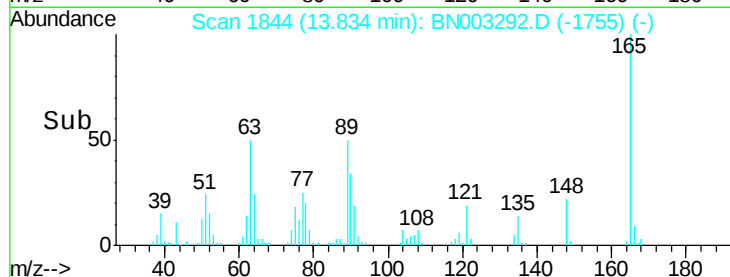
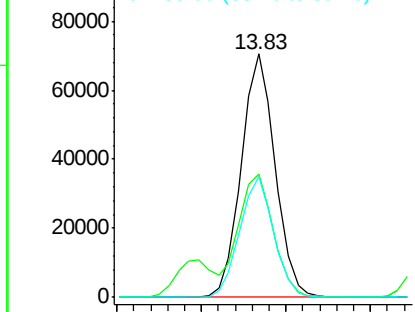
#51
 2,6-Dinitrotoluene
 Concen: 20.162 ng
 RT: 13.83 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:165 Resp: 98167
 Ion Ratio Lower Upper
 165 100
 63 50.5 39.2 58.8
 89 49.5 38.9 58.3

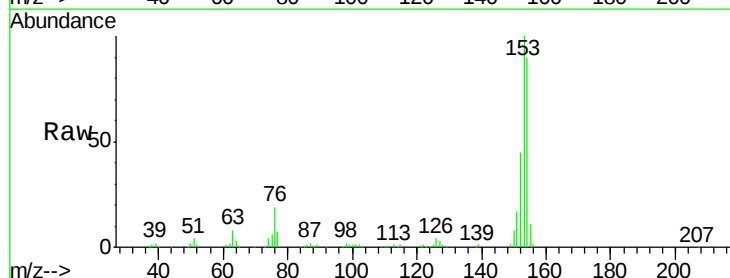


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

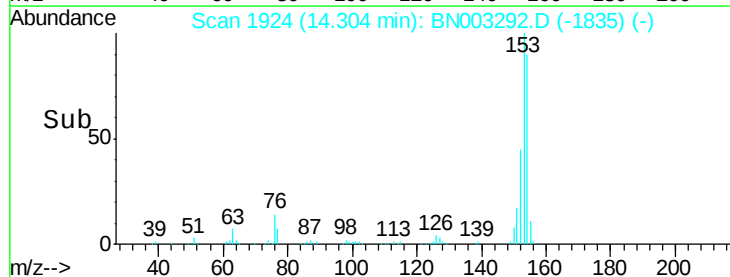
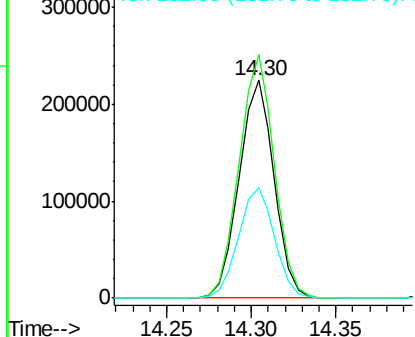


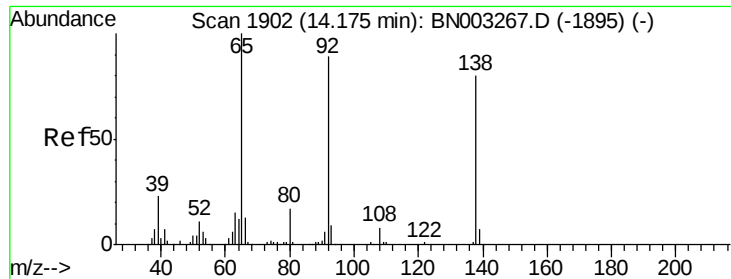
#52
 Acenaphthene
 Concen: 20.341 ng
 RT: 14.30 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:154 Resp: 324004
 Ion Ratio Lower Upper
 154 100
 153 111.7 89.3 133.9
 152 50.7 41.2 61.8



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





#53

3-Nitroaniline

Concen: 16.552 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

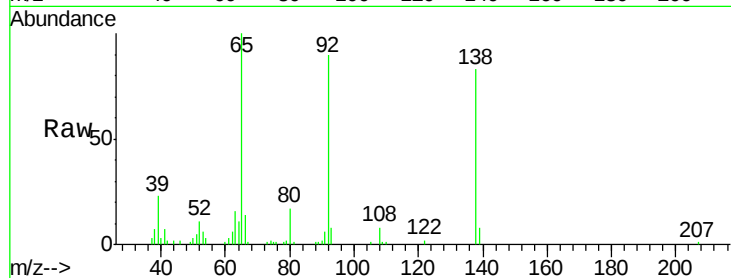
Tgt Ion:138 Resp: 86148

Ion Ratio Lower Upper

138 100

108 9.8 8.4 12.6

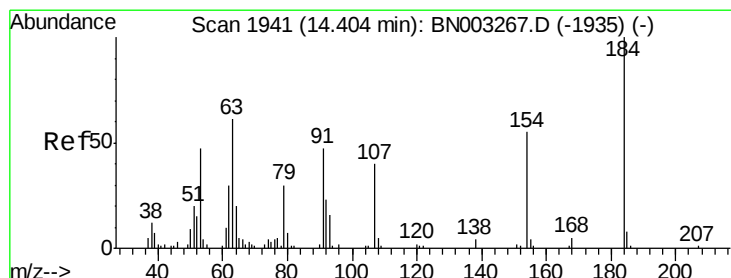
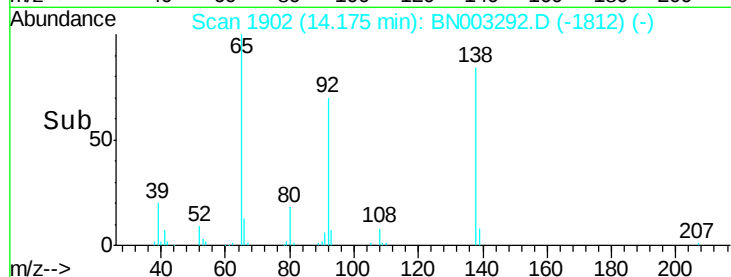
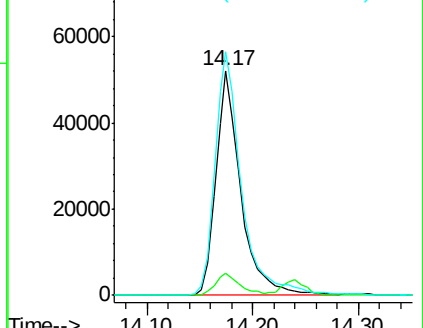
92 108.2 89.6 134.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC



#54

2,4-Dinitrophenol

Concen: 19.413 ng

RT: 14.42 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

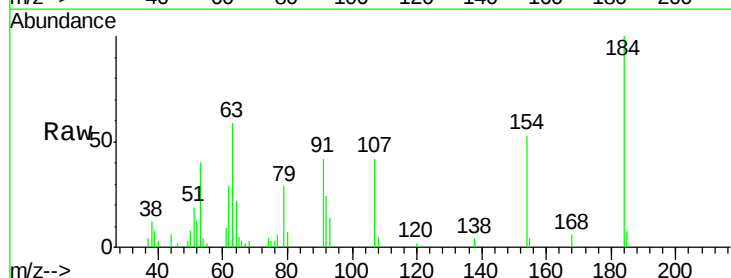
Tgt Ion:184 Resp: 39462

Ion Ratio Lower Upper

184 100

63 59.0 49.0 73.4

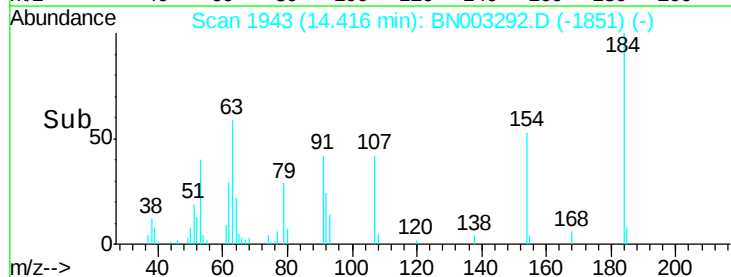
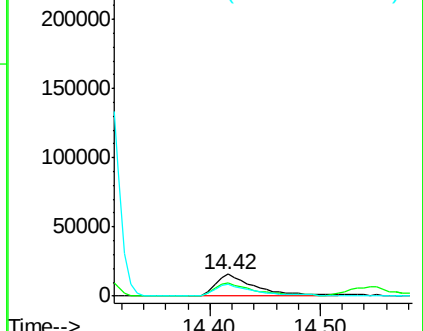
154 53.3 44.2 66.2

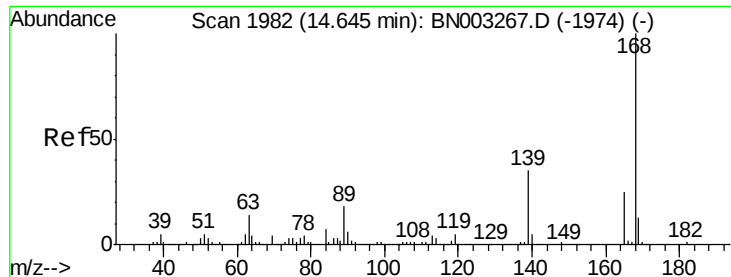


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 20.158 ng

RT: 14.64 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

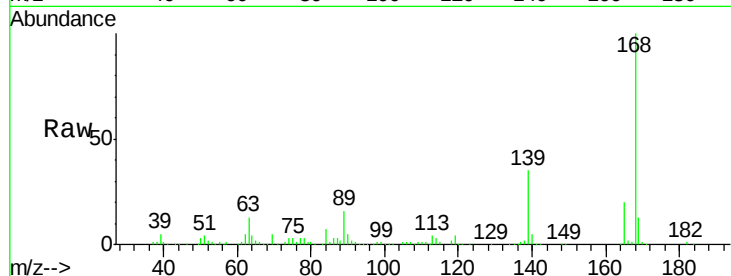
Tgt Ion:168 Resp: 522402

Ion Ratio Lower Upper

168 100

139 35.2 28.5 42.7

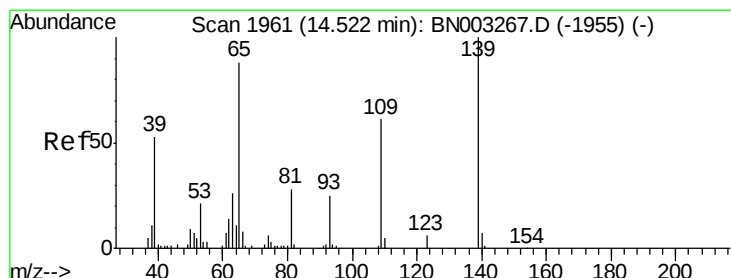
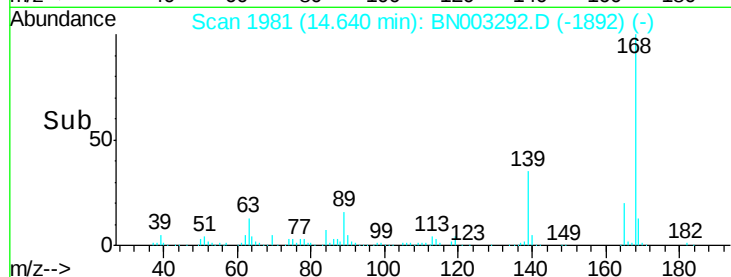
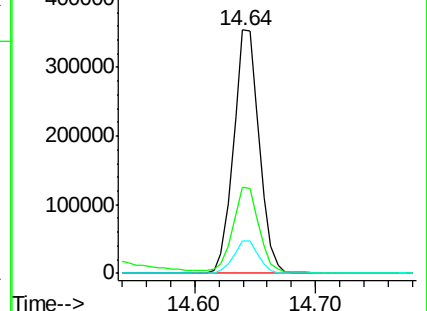
169 13.5 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 19.188 ng

RT: 14.53 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

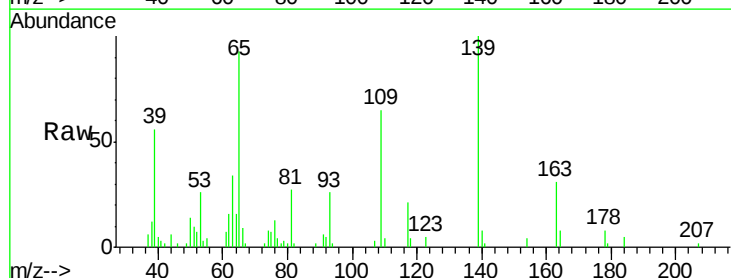
Tgt Ion:139 Resp: 55406

Ion Ratio Lower Upper

139 100

109 64.9 40.7 80.7

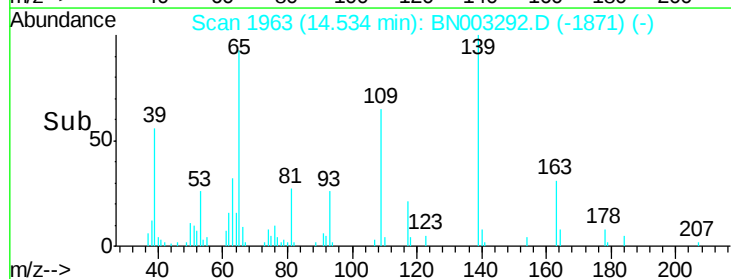
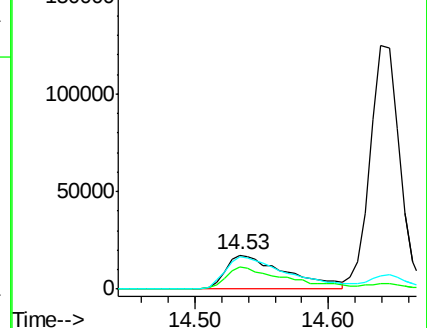
65 93.3 68.0 108.0

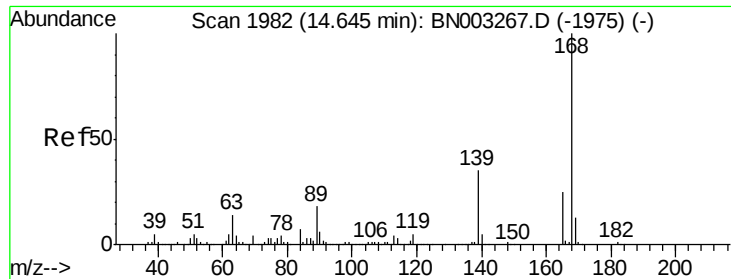


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNC

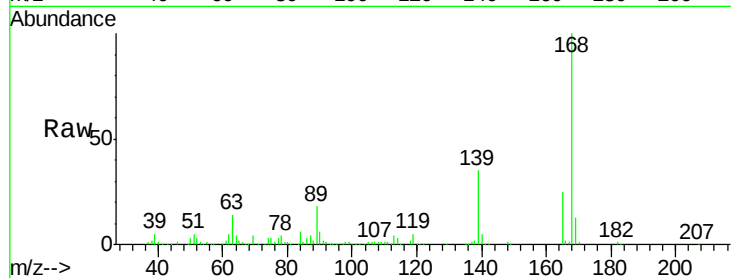




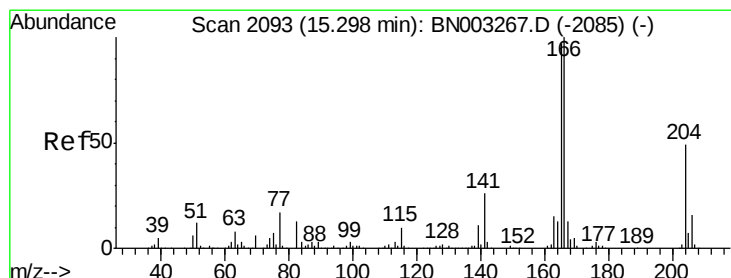
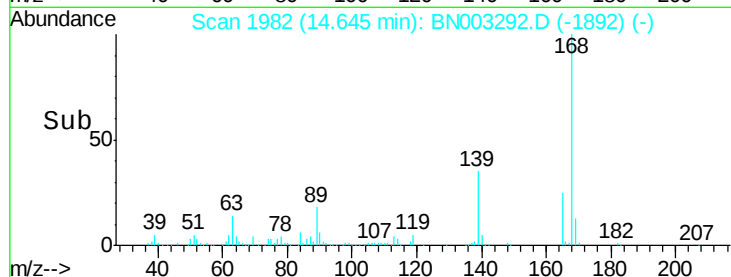
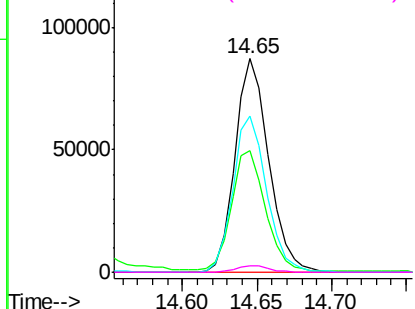
#57
2,4-Dinitrotoluene
Concen: 20.715 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:165 Resp: 136753
Ion Ratio Lower Upper
165 100
63 57.1 45.8 68.6
89 73.3 58.7 88.1
182 2.8 2.3 3.5

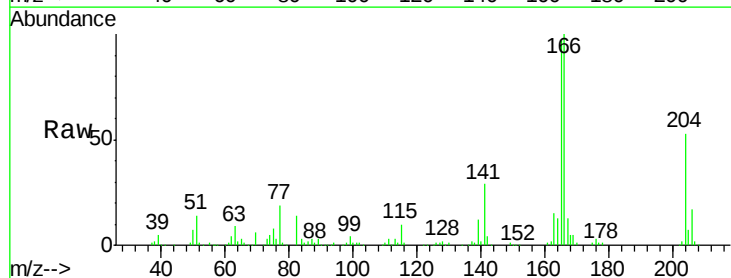


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNC
Ion 89.00 (88.70 to 89.70): BNC
Ion 182.00 (181.70 to 182.70): E

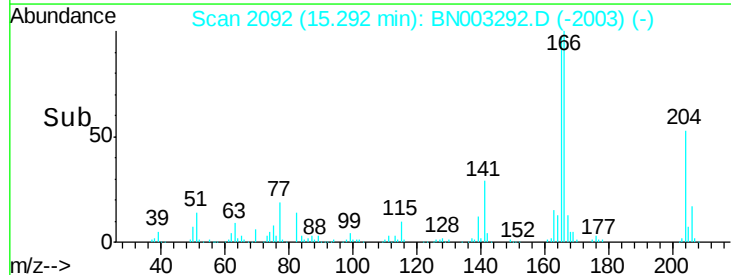
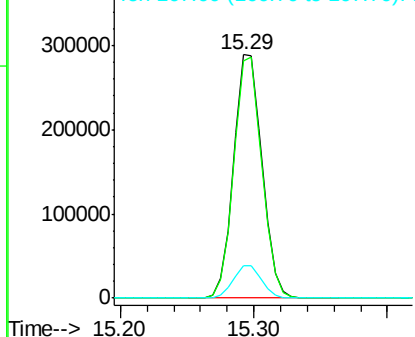


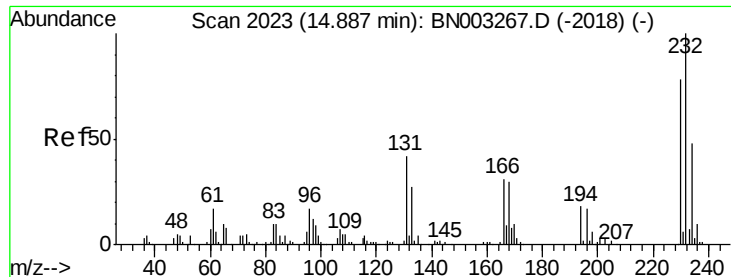
#58
Fluorene
Concen: 21.417 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:166 Resp: 428291
Ion Ratio Lower Upper
166 100
165 97.2 77.6 116.4
167 13.1 10.6 16.0



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

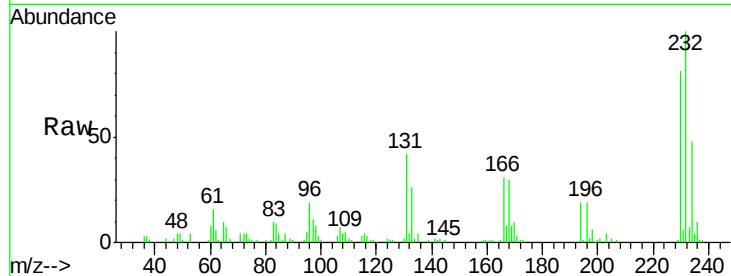




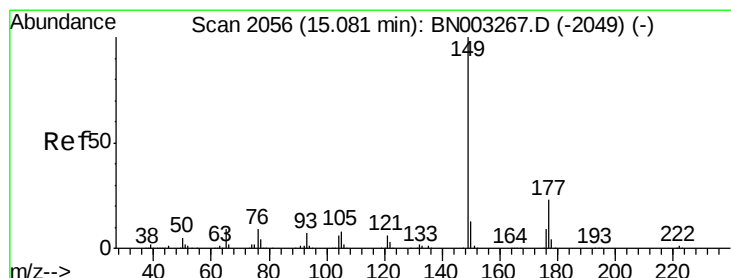
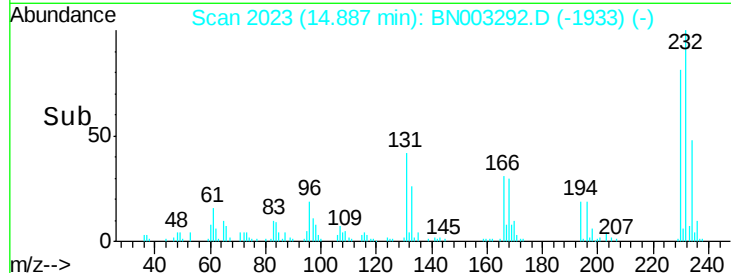
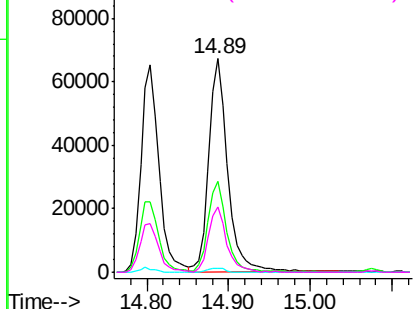
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.173 ng
RT: 14.89 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:232 Resp: 107542
Ion Ratio Lower Upper
232 100
131 42.2 33.7 50.5
130 1.8 1.6 2.4
166 29.4 24.3 36.5

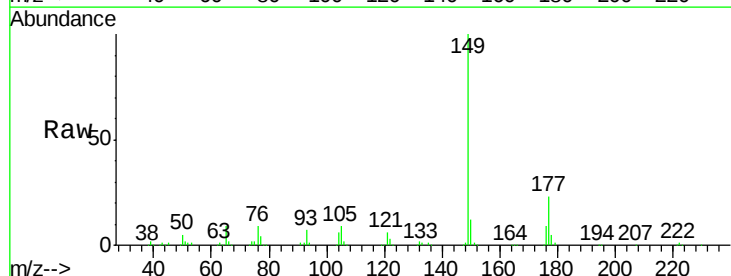


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

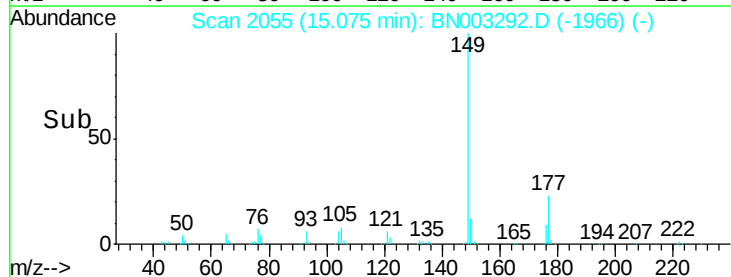
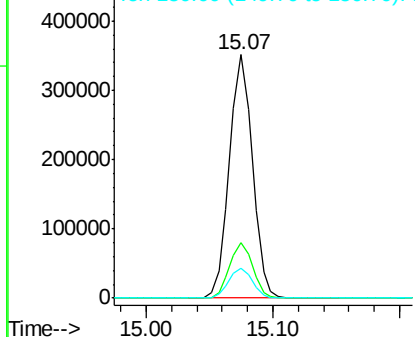


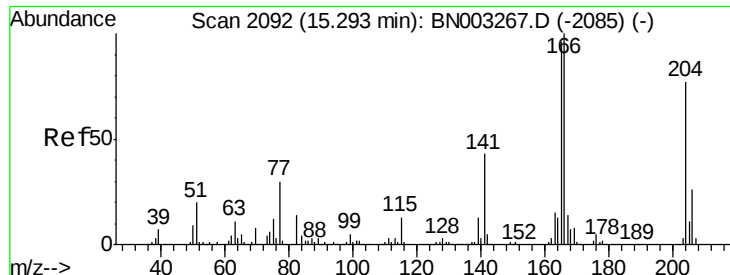
#60
Diethylphthalate
Concen: 20.284 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:149 Resp: 441548
Ion Ratio Lower Upper
149 100
177 22.8 18.6 28.0
150 12.3 10.0 15.0



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

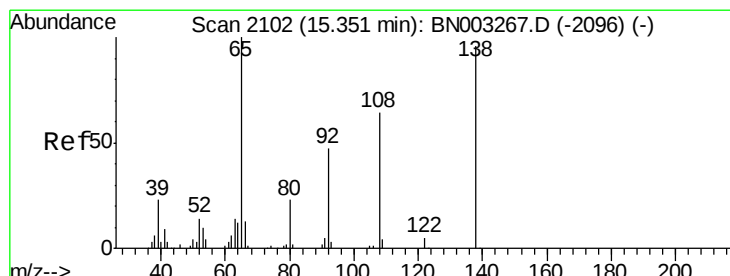
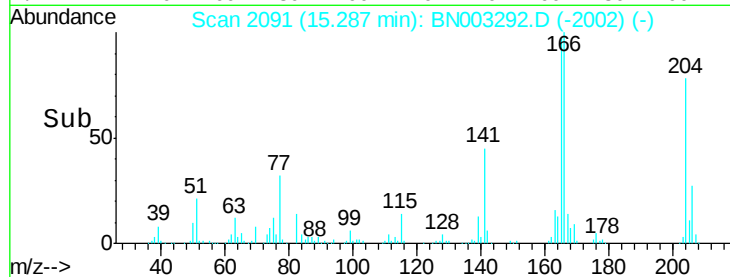
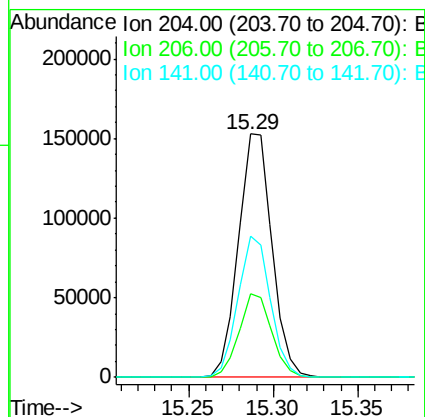
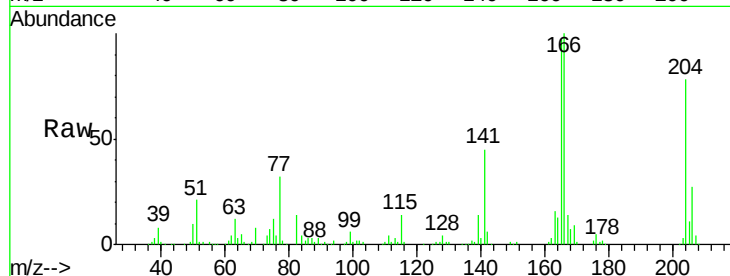




#61
 4-Chlorophenyl-phenylether
 Concen: 19.060 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

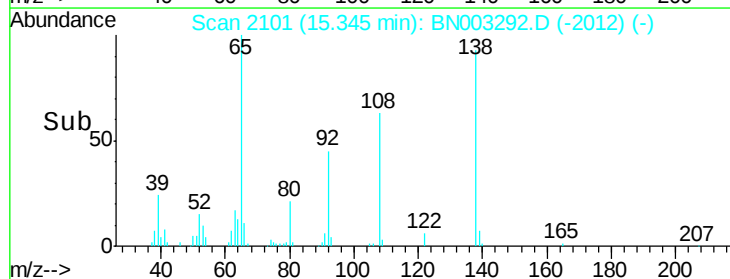
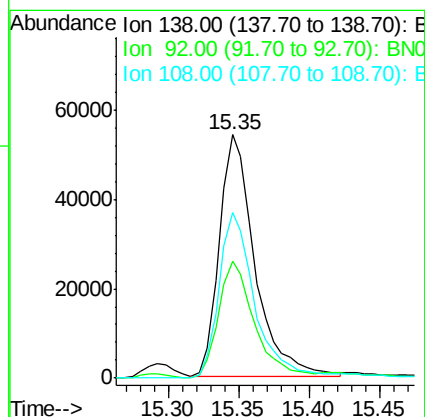
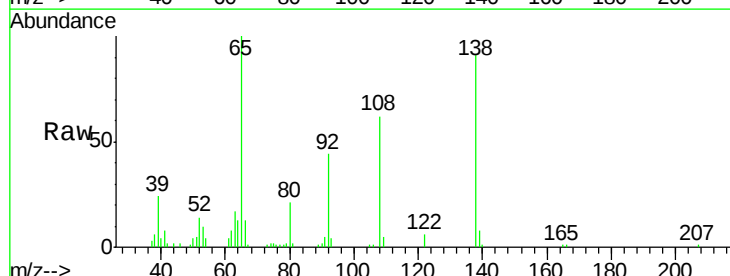
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

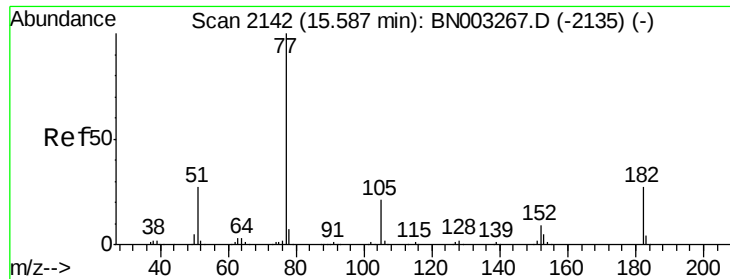
Tgt Ion:	204	Resp:	211765
Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	58.0	44.6	67.0



#62
 4-Nitroaniline
 Concen: 18.619 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:	138	Resp:	94676
Ion	Ratio	Lower	Upper
138	100		
92	48.2	27.9	67.9
108	68.2	46.3	86.3

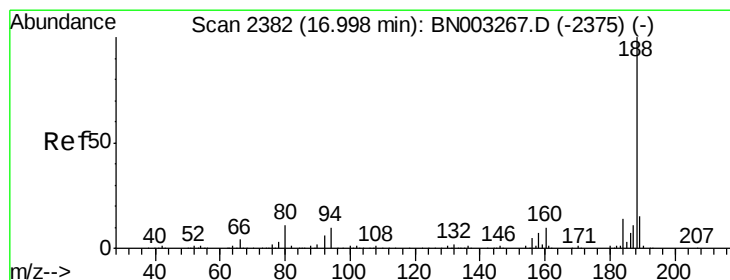
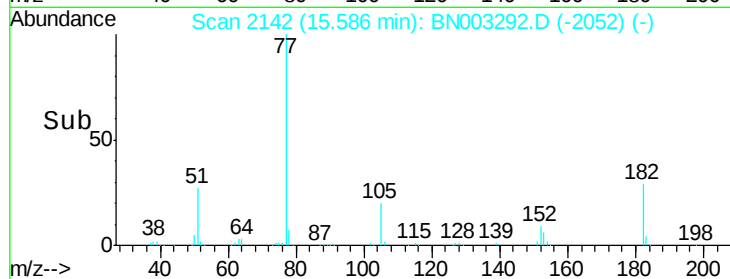
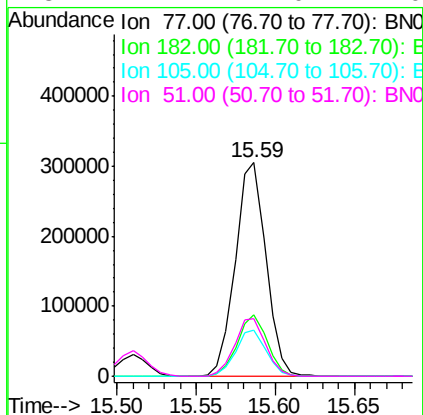
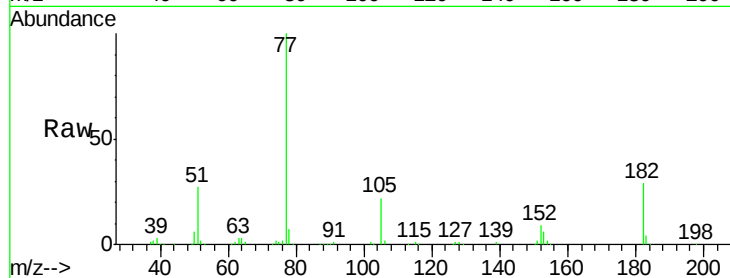




#63
Azobenzene
Concen: 20.375 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

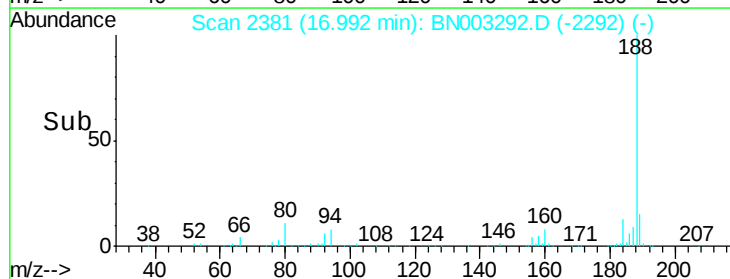
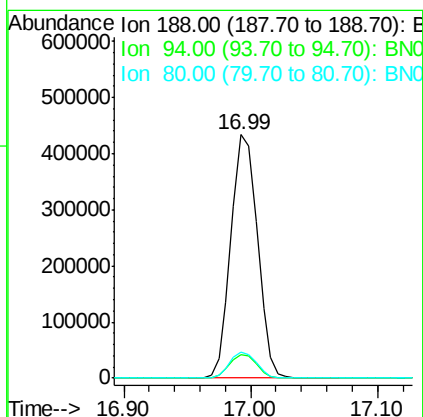
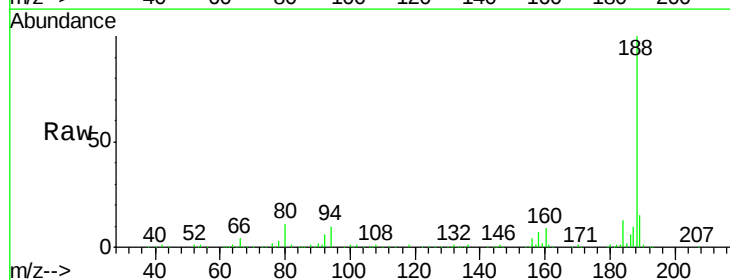
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

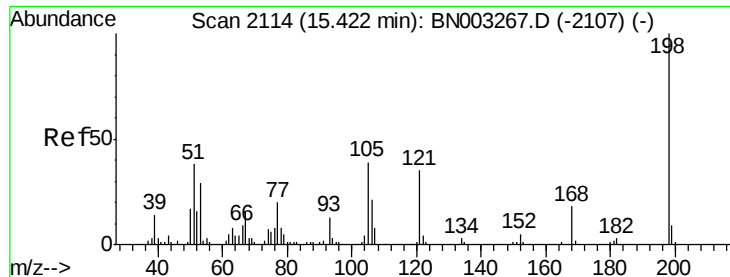
Tgt Ion:	77	Resp:	409906
Ion	Ratio	Lower	Upper
77	100		
182	28.7	6.5	46.5
105	21.5	1.0	41.0
51	27.2	7.0	47.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:	188	Resp:	631977
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.8	8.6	13.0

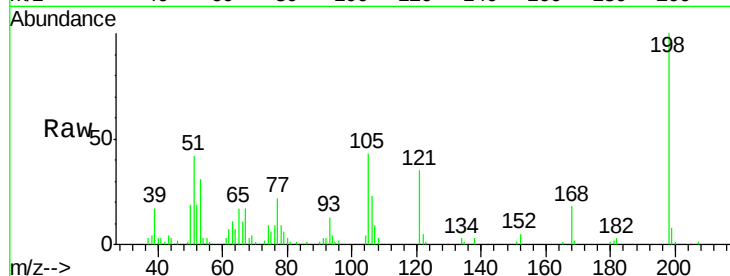




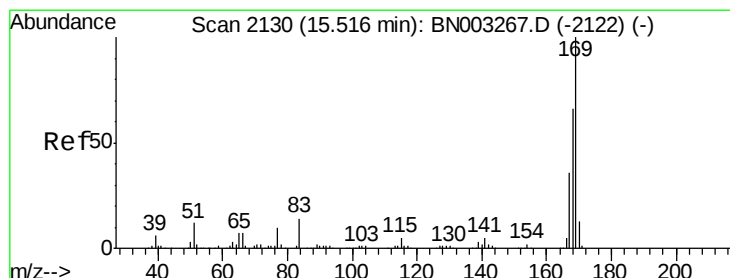
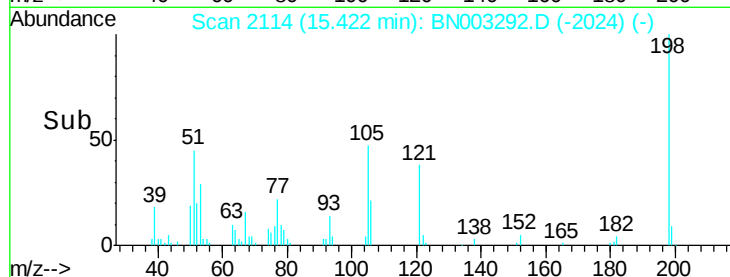
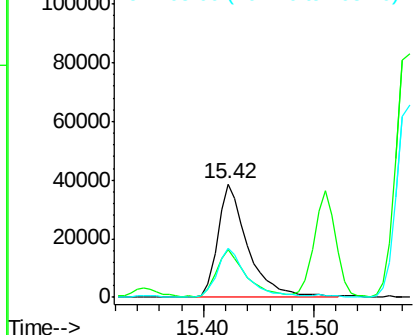
#65
 4,6-Dinitro-2-methylphenol
 Concen: 16.696 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:198 Resp: 73624
 Ion Ratio Lower Upper
 198 100
 51 41.8 19.2 59.2
 105 43.2 18.9 58.9

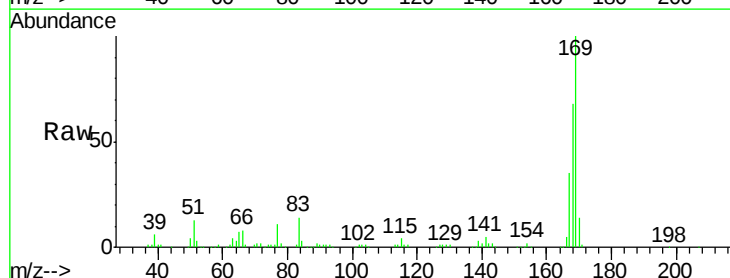


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

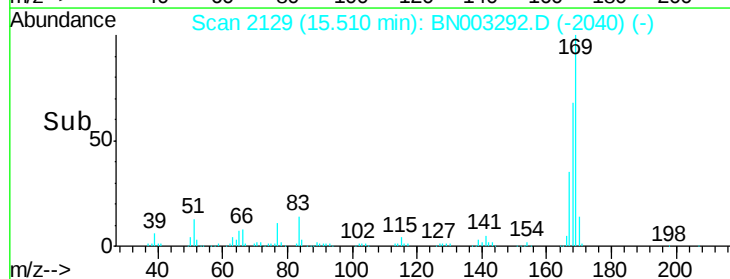
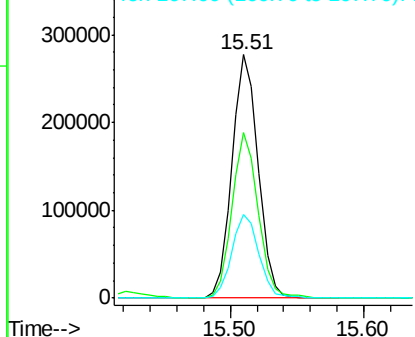


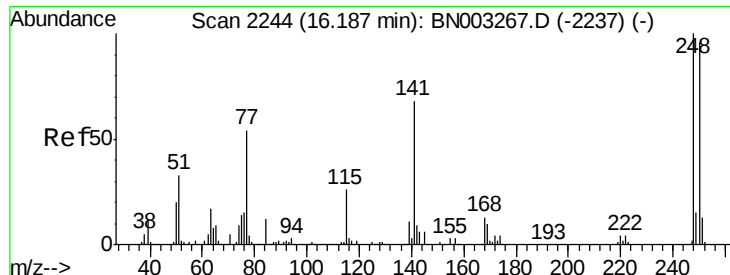
#66
 n-Nitrosodiphenylamine
 Concen: 19.206 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:169 Resp: 379968
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.3 79.9
 167 34.6 28.6 43.0



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

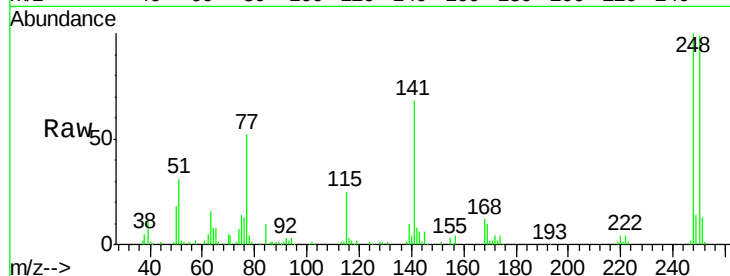




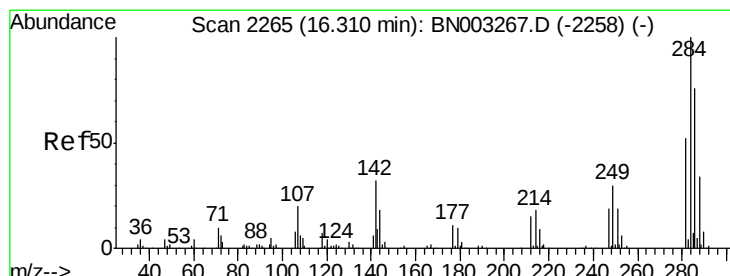
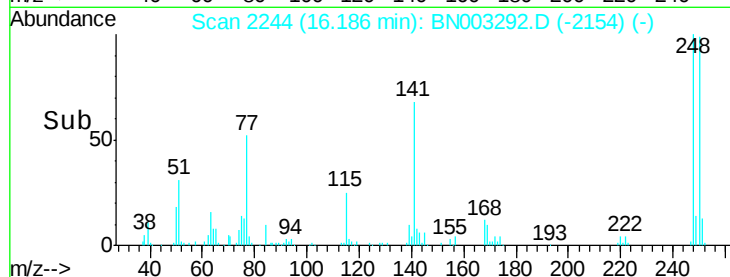
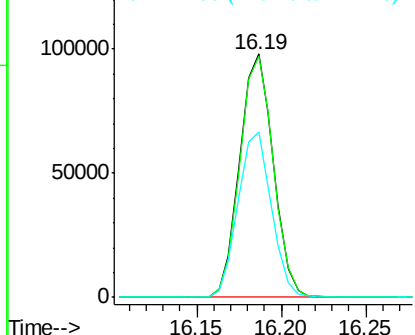
#67
 4-Bromophenyl-phenylether
 Concen: 19.077 ng
 RT: 16.19 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Tgt Ion:248 Resp: 135783
 Ion Ratio Lower Upper
 248 100
 250 99.0 76.4 114.6
 141 68.2 54.2 81.4

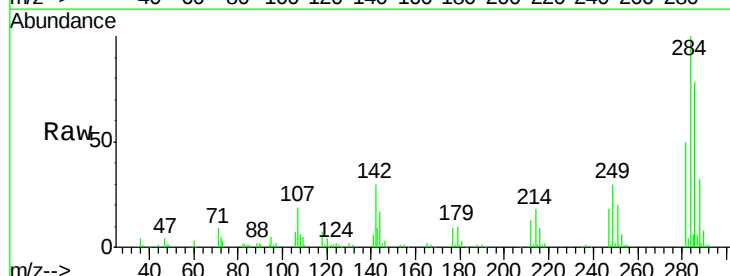


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

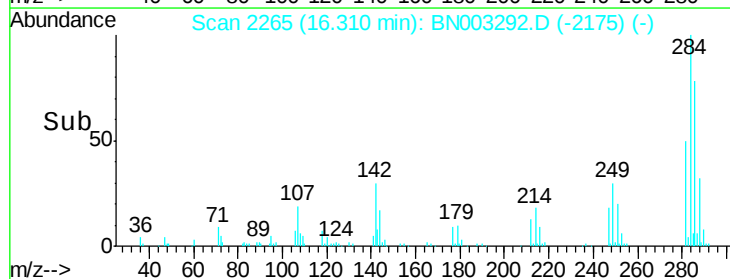
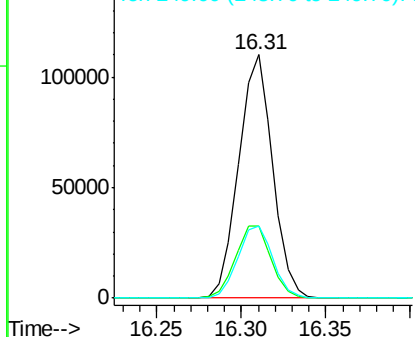


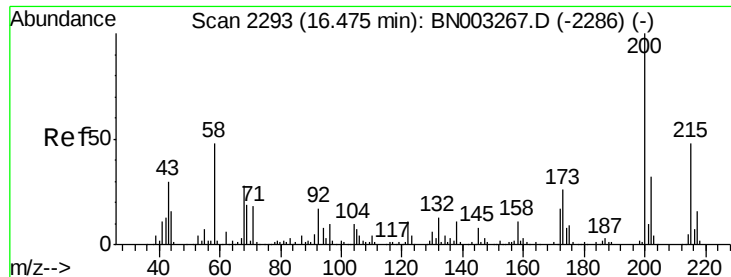
#68
 Hexachlorobenzene
 Concen: 18.989 ng
 RT: 16.31 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BN003292.D
 Acq: 25 Oct 2018 03:31

Tgt Ion:284 Resp: 153971
 Ion Ratio Lower Upper
 284 100
 142 29.7 25.6 38.4
 249 29.7 23.6 35.4



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





#69

Atrazine

Concen: 20.012 ng

RT: 16.47 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

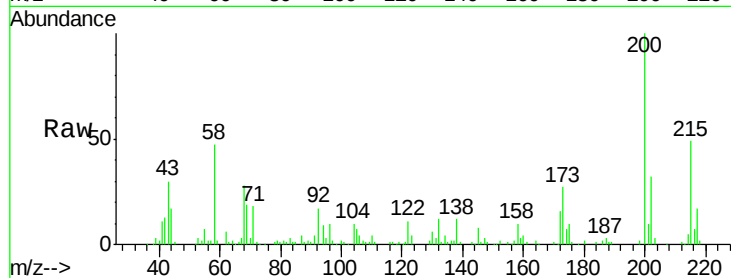
Tgt Ion:200 Resp: 140310

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

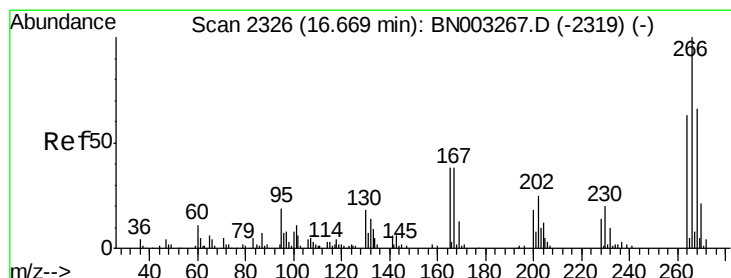
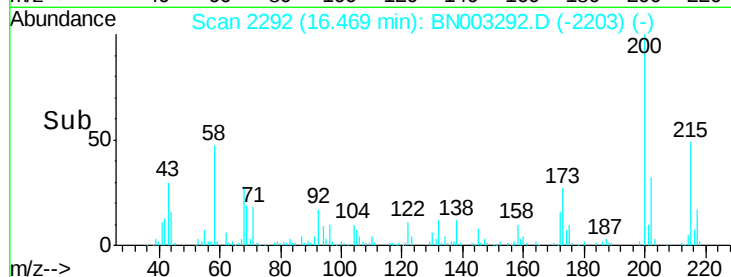
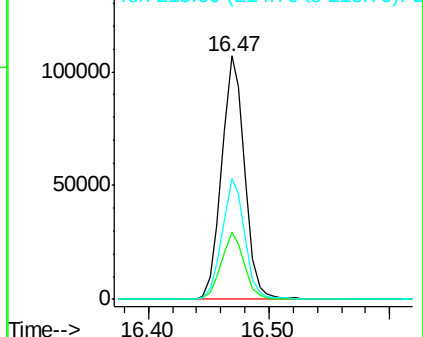
215 49.5 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 17.446 ng

RT: 16.67 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

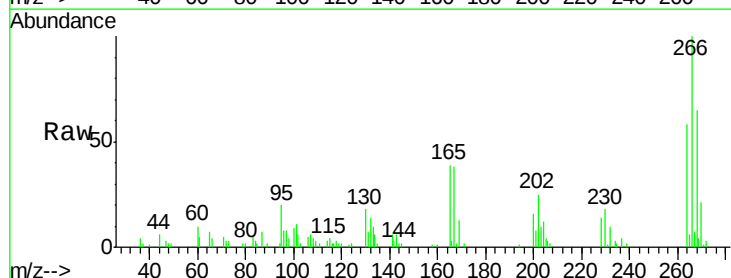
Tgt Ion:266 Resp: 48674

Ion Ratio Lower Upper

266 100

268 65.2 52.5 78.7

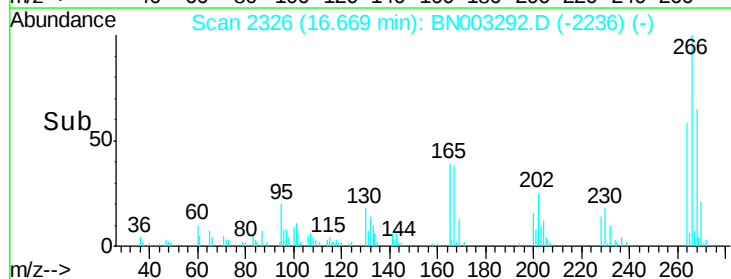
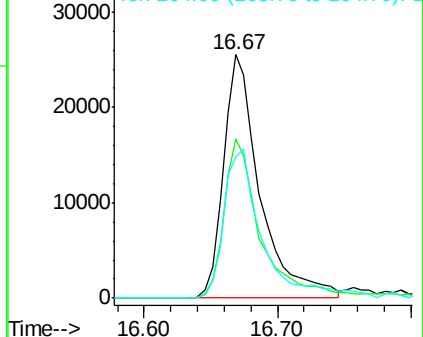
264 58.1 50.3 75.5

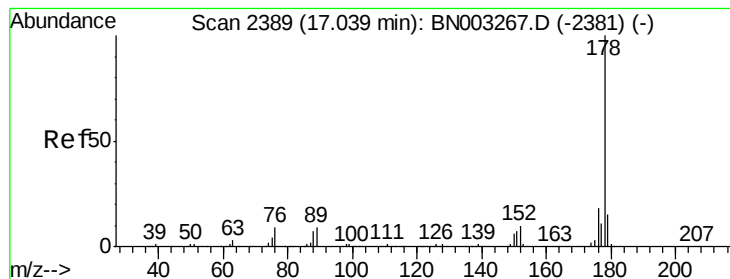


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 20.778 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

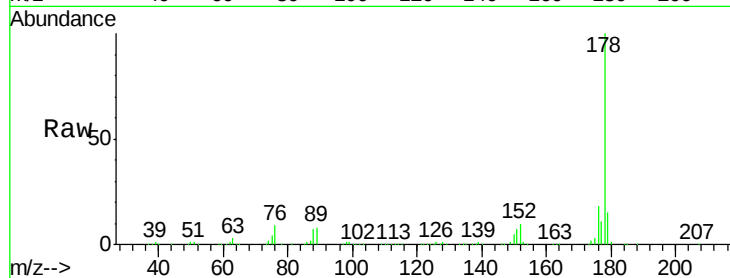
BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

Tgt Ion:178 Resp: 690347

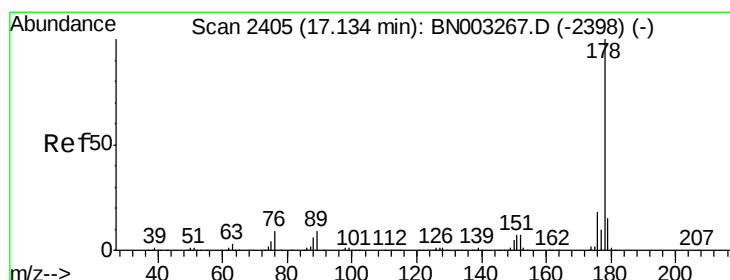
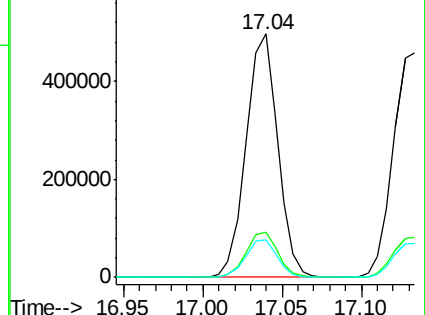
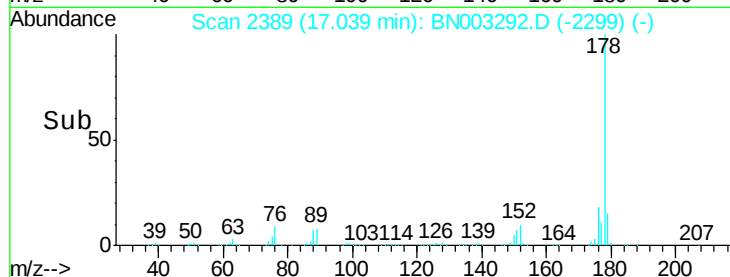
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.4	21.6
179	15.2	12.2	18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 21.338 ng

RT: 17.13 min Scan# 2405

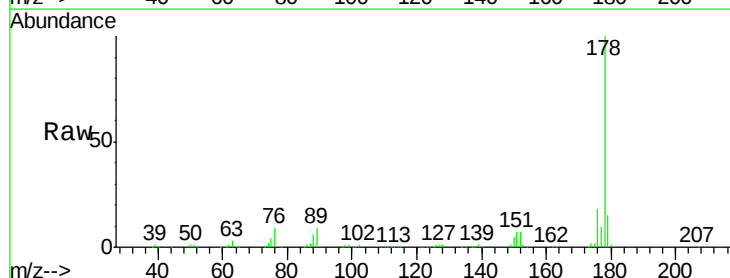
Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Tgt Ion:178 Resp: 707438

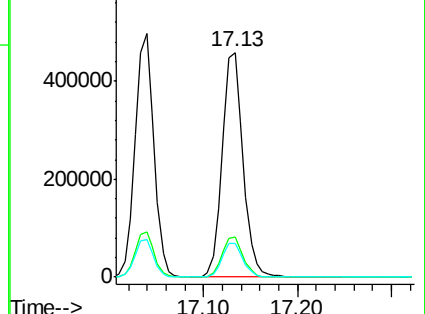
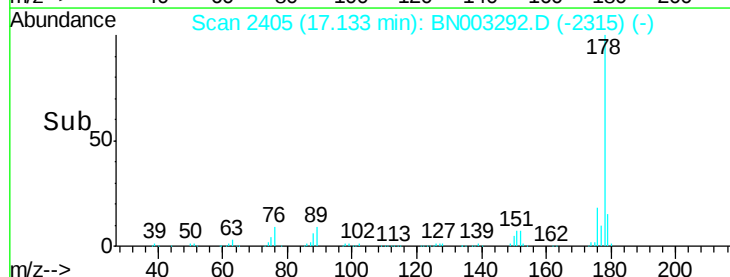
Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.2	12.1	18.1

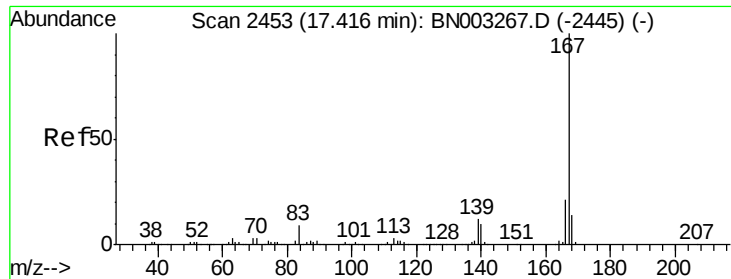


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 18.959 ng

RT: 17.42 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

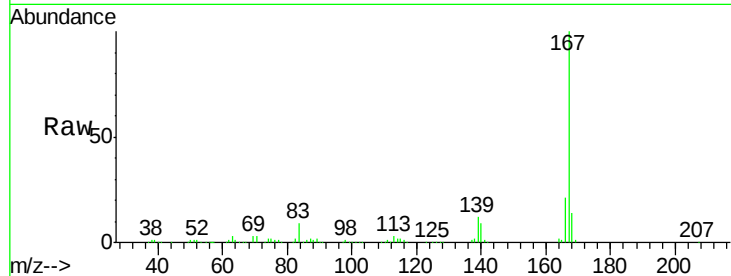
Tgt Ion:167 Resp: 650916

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.6

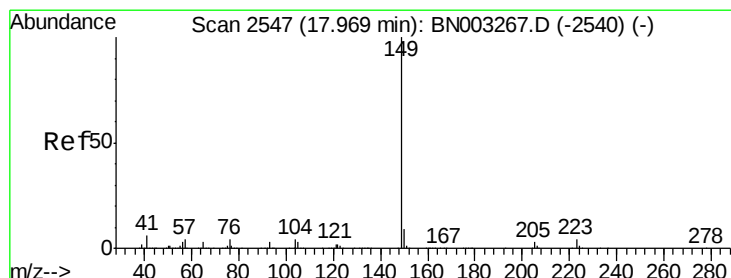
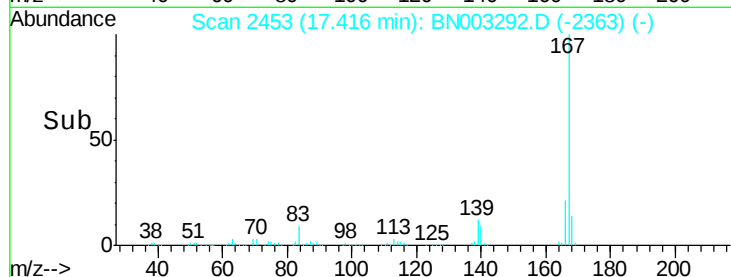
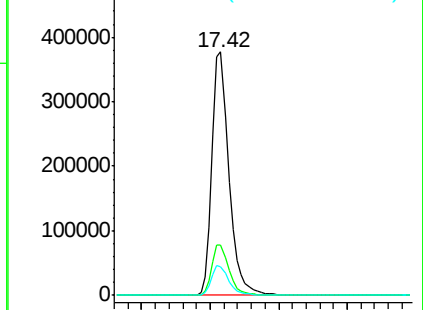
139 11.9 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 19.476 ng

RT: 17.96 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

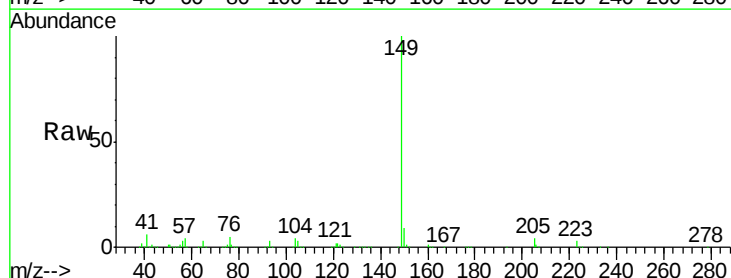
Tgt Ion:149 Resp: 779993

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

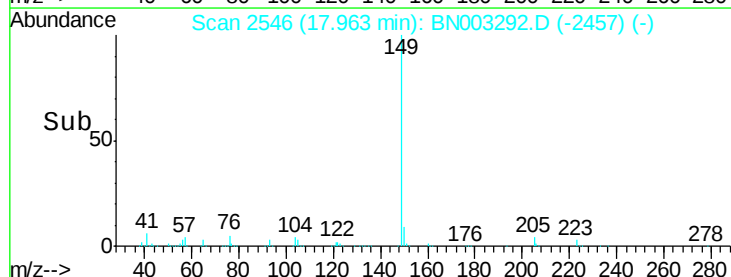
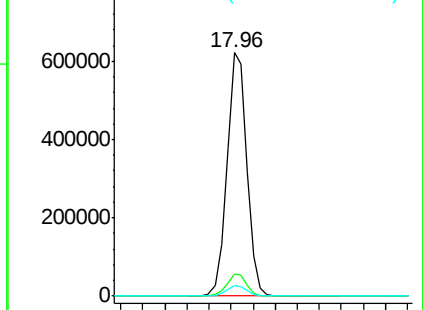
104 4.5 3.6 5.4

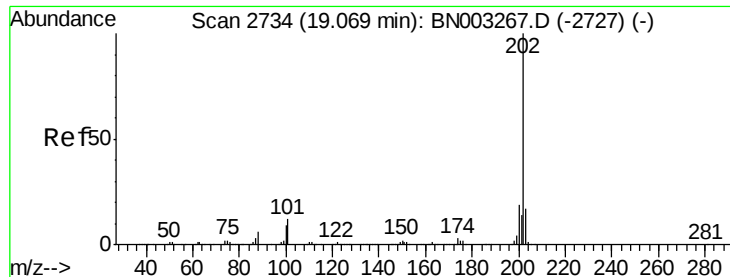


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 21.073 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

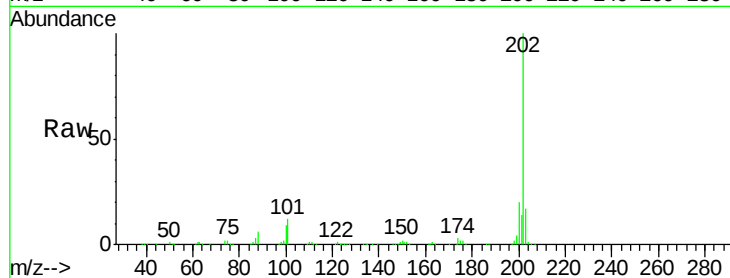
Tgt Ion:202 Resp: 824866

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.3

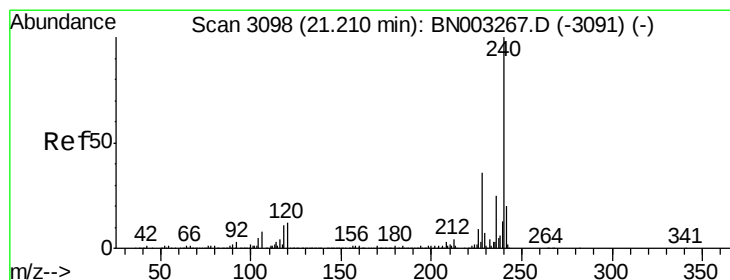
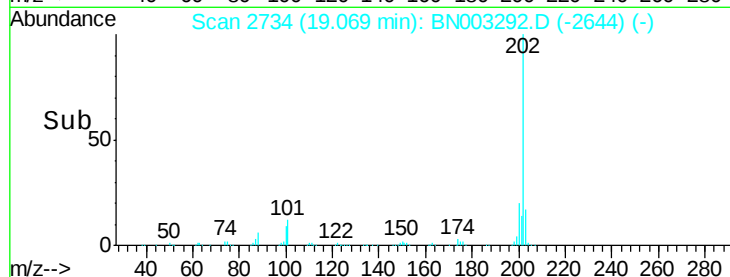
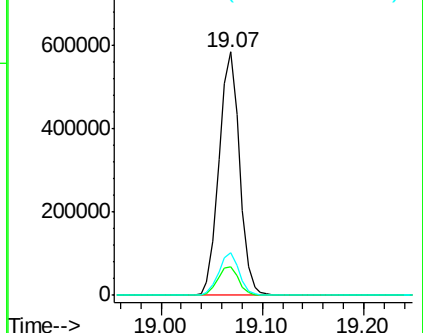
203 17.3 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

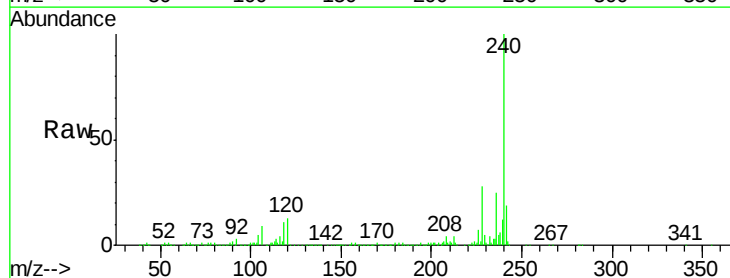
Tgt Ion:240 Resp: 688550

Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.0

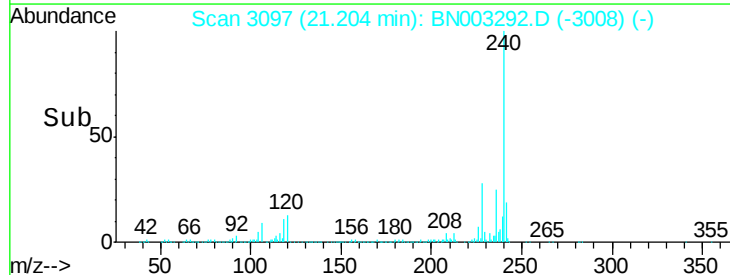
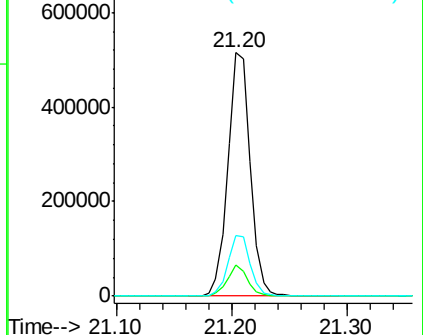
236 25.0 20.3 30.5

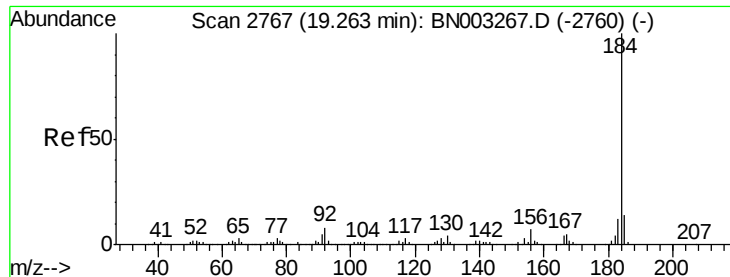


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.851 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

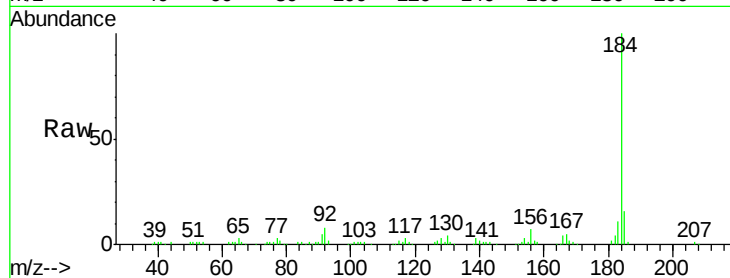
Tgt Ion:184 Resp: 259050

Ion Ratio Lower Upper

184 100

185 15.6 11.5 17.3

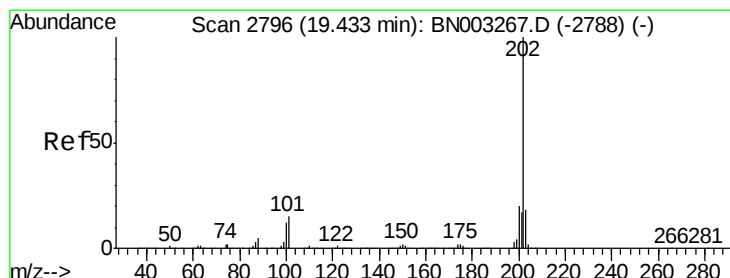
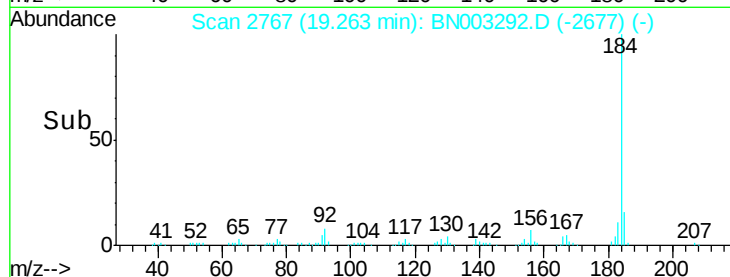
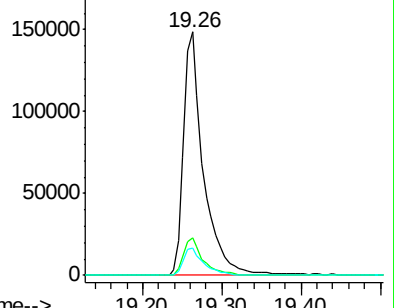
183 11.4 9.4 14.0



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



#78

Pyrene

Concen: 20.660 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

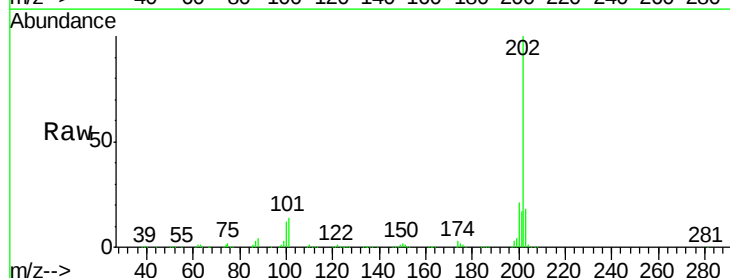
Tgt Ion:202 Resp: 836077

Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.4

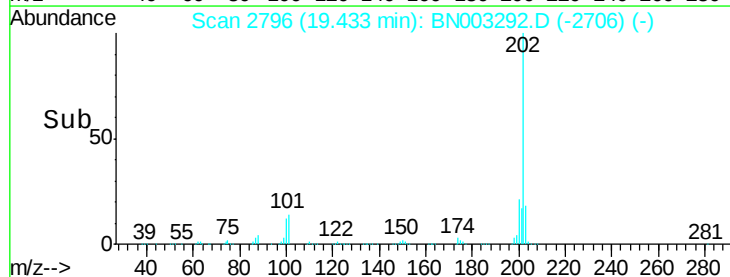
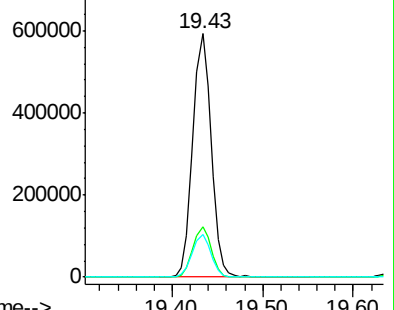
203 17.5 14.3 21.5

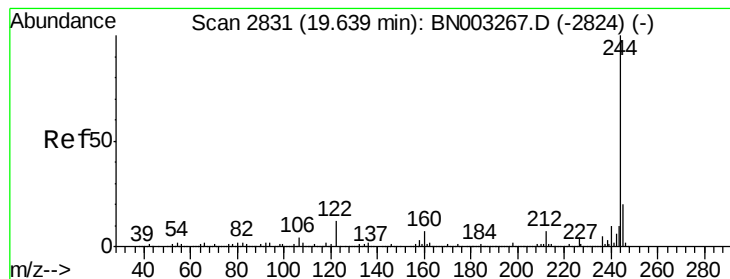


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.574 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

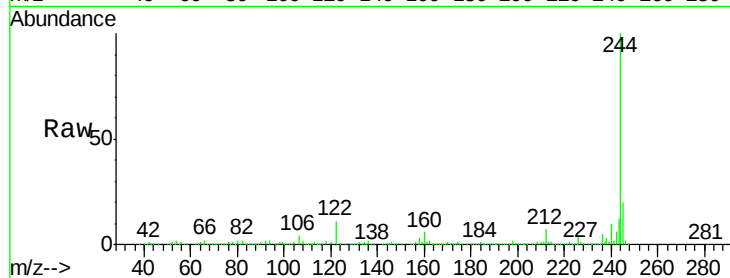
Tgt Ion:244 Resp: 2562035

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

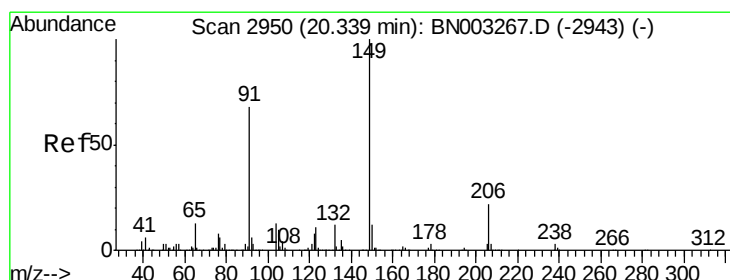
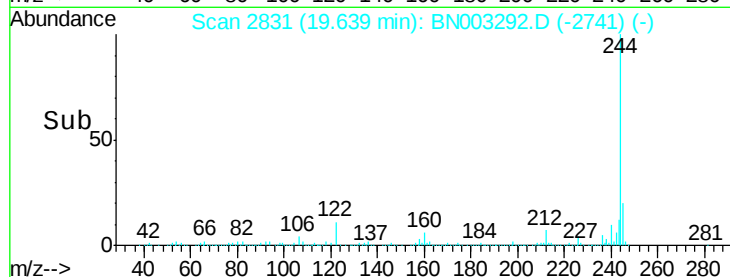
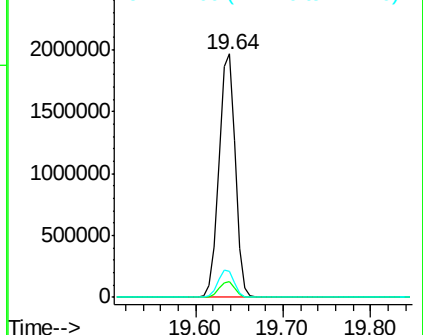
122 10.6 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 19.625 ng

RT: 20.33 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

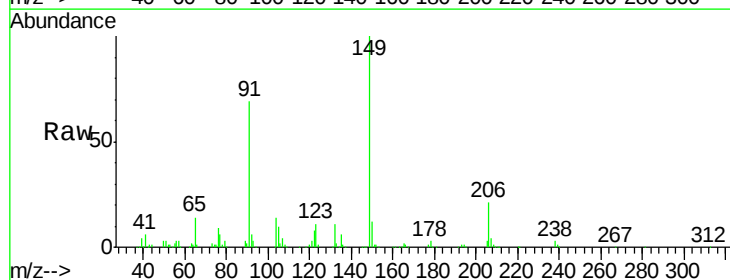
Tgt Ion:149 Resp: 368763

Ion Ratio Lower Upper

149 100

91 69.3 54.6 81.8

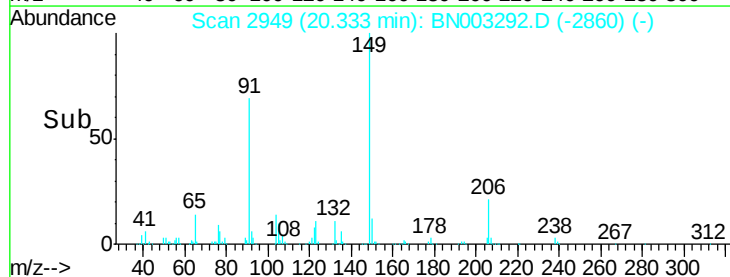
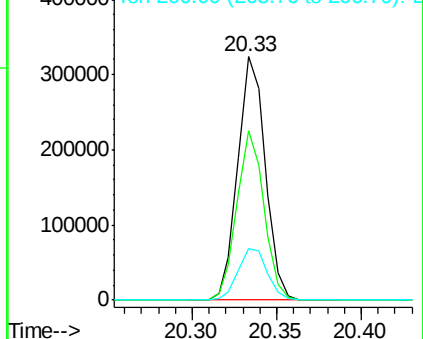
206 21.0 17.8 26.6

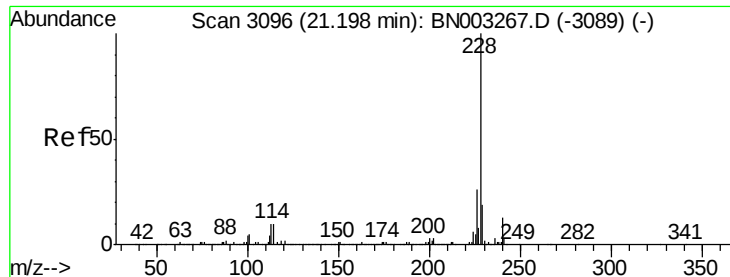


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

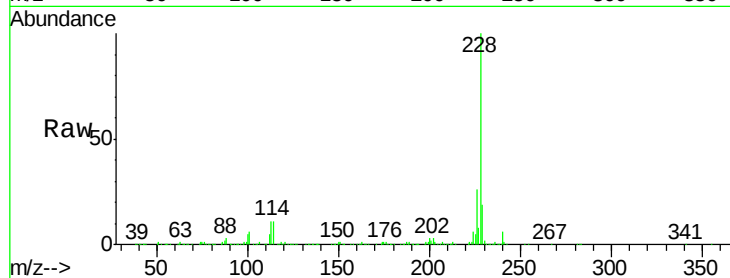




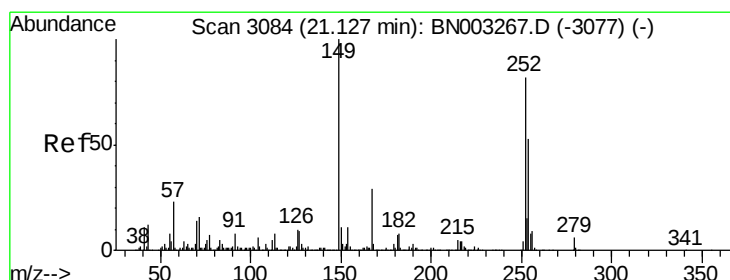
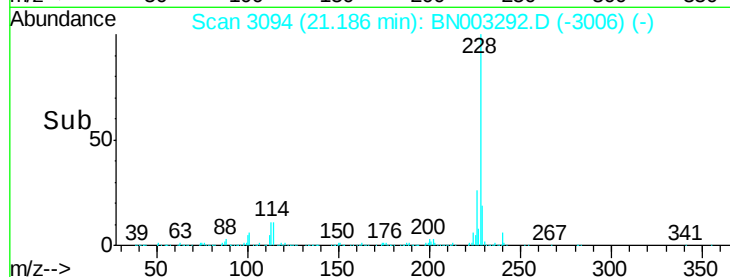
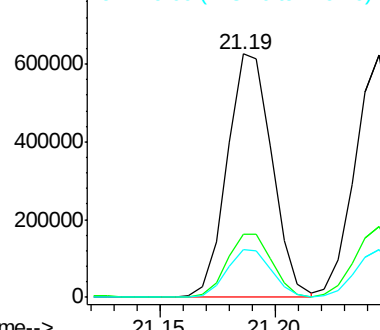
#81
Benzo(a)anthracene
Concen: 21.054 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:228 Resp: 844214
Ion Ratio Lower Upper
228 100
226 26.0 20.8 31.2
229 19.4 15.3 22.9

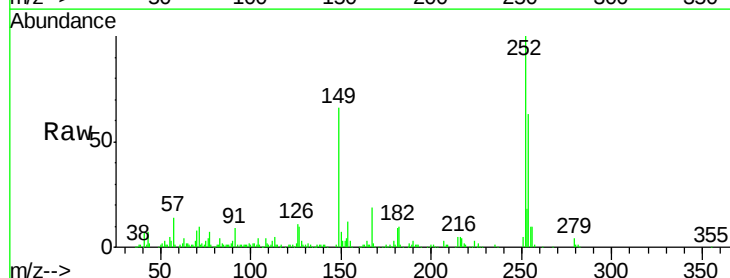


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

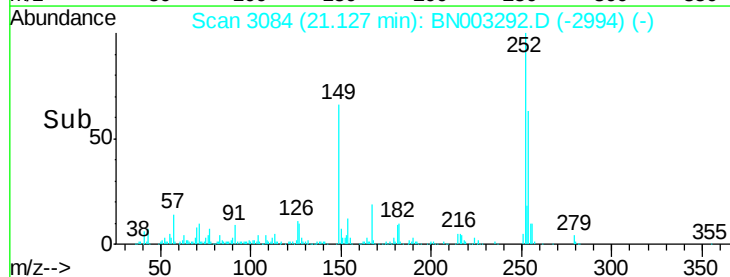
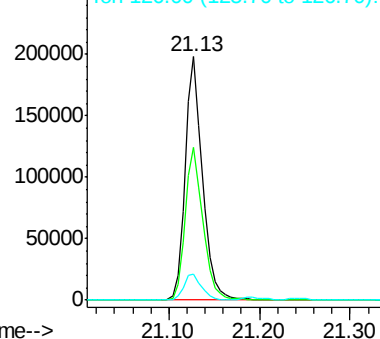


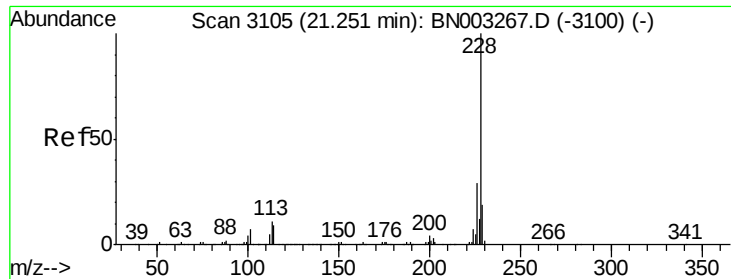
#82
3,3'-Dichlorobenzidine
Concen: 15.821 ng
RT: 21.13 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:252 Resp: 262522
Ion Ratio Lower Upper
252 100
254 62.9 51.1 76.7
126 10.6 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 20.790 ng

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

Instrument :

BNA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

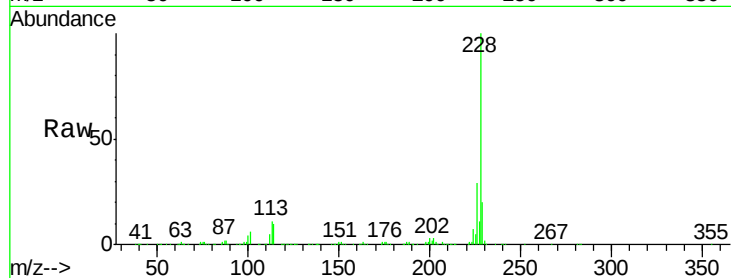
Tgt Ion:228 Resp: 801392

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

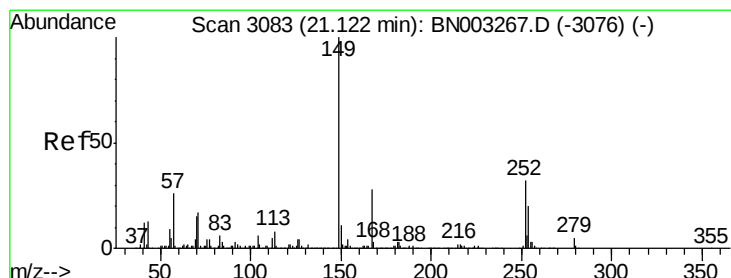
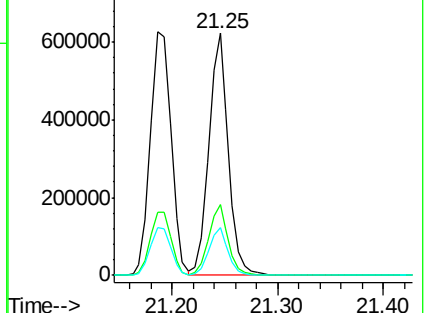
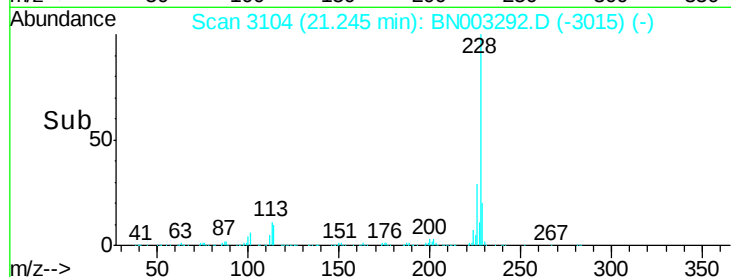
229 19.5 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.458 ng

RT: 21.12 min Scan# 3082

Delta R.T. -0.01 min

Lab File: BN003292.D

Acq: 25 Oct 2018 03:31

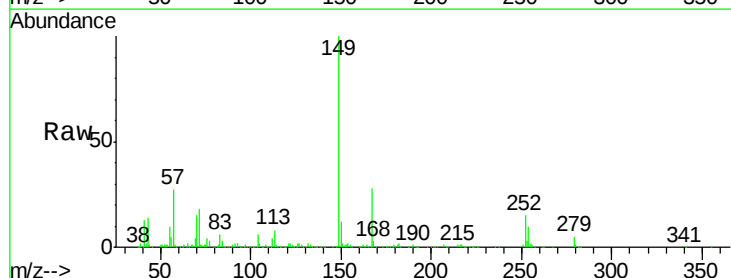
Tgt Ion:149 Resp: 542217

Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

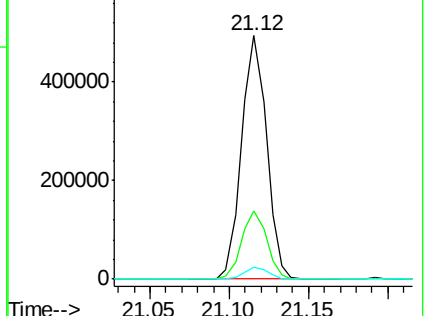
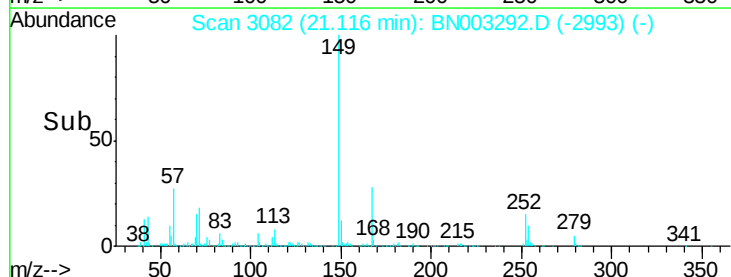
279 4.8 3.8 5.8

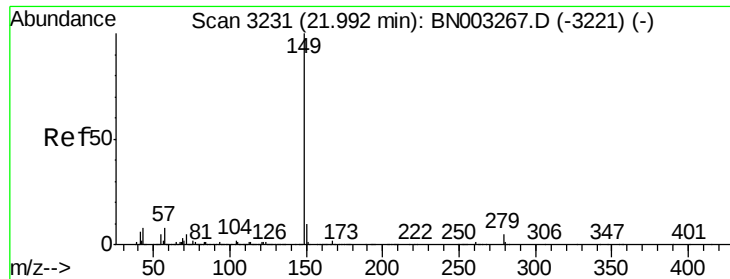


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

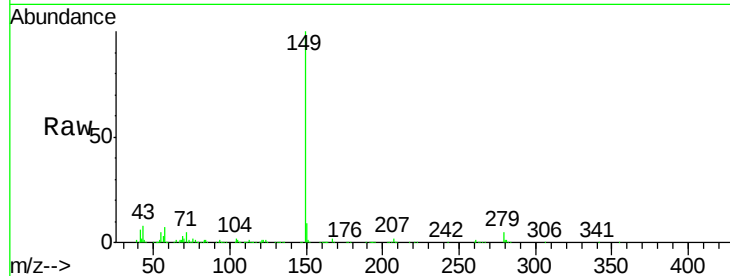




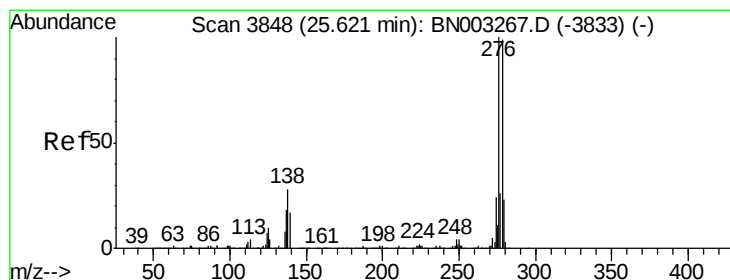
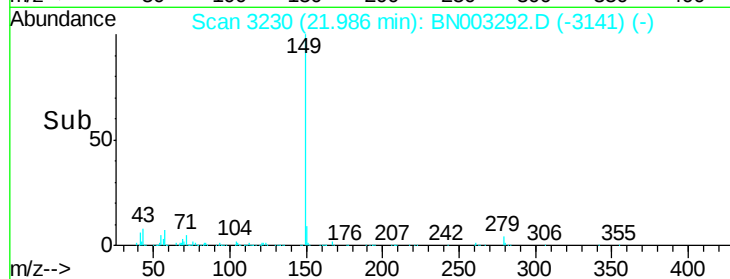
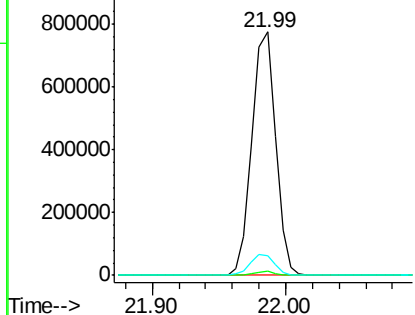
#85
Di-n-octyl phthalate
Concen: 19.766 ng
RT: 21.99 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3

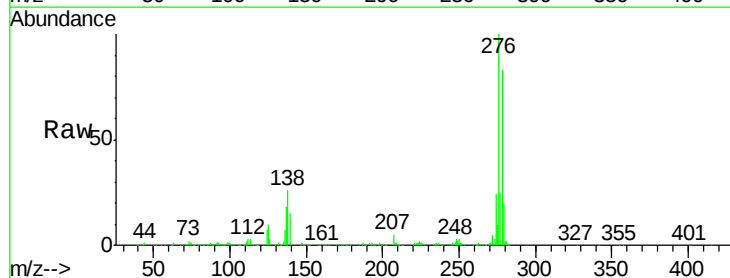


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

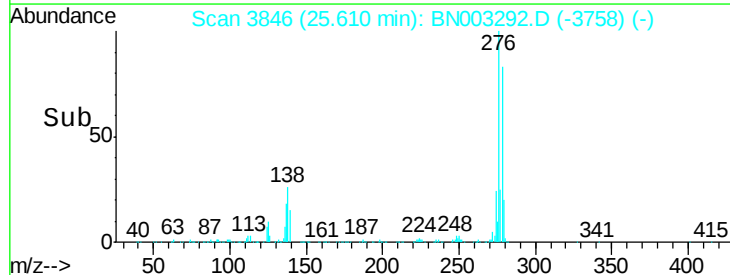
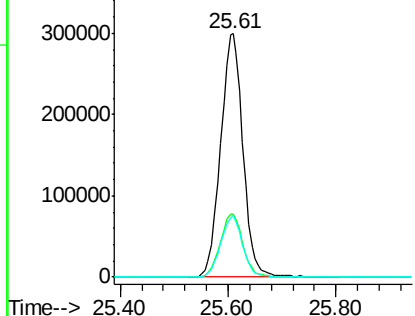


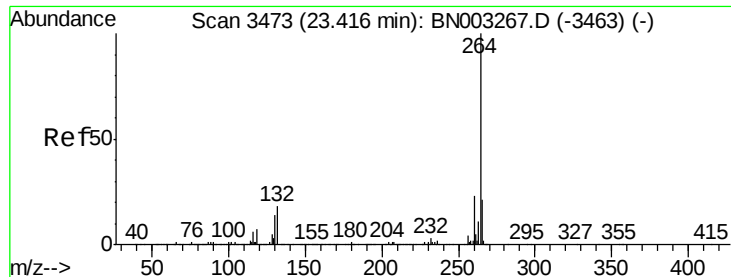
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.755 ng
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.2	31.8
277	24.9	20.2	30.4



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

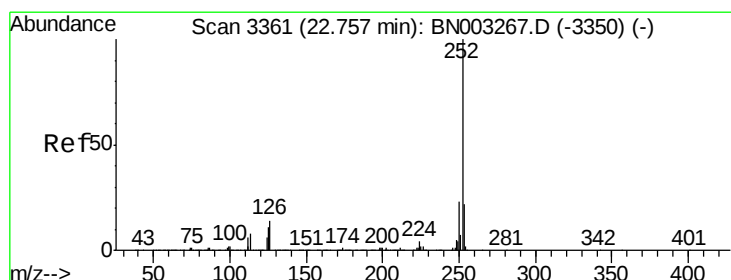
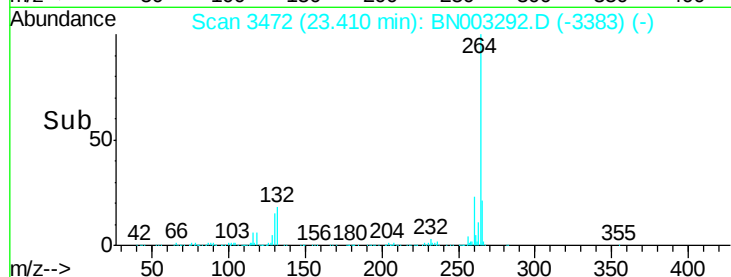
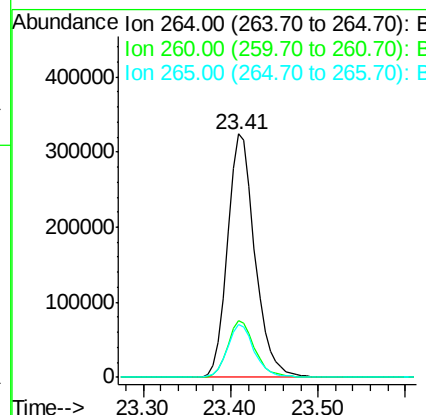
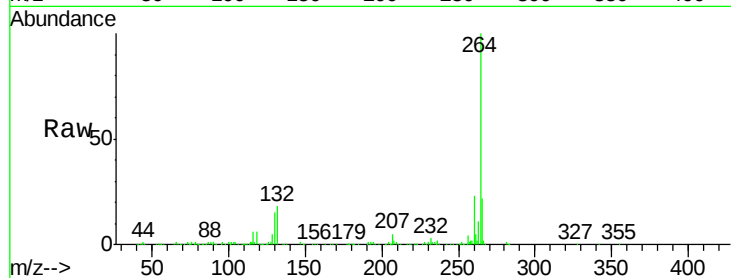




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

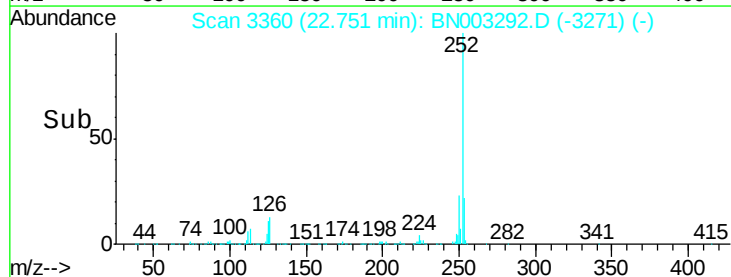
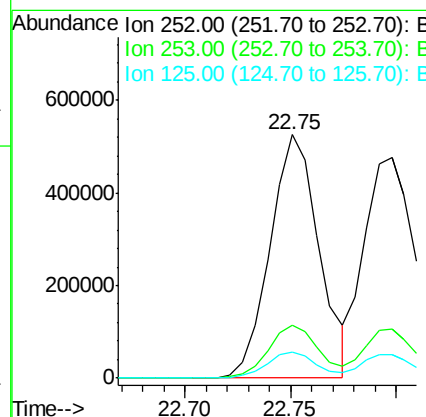
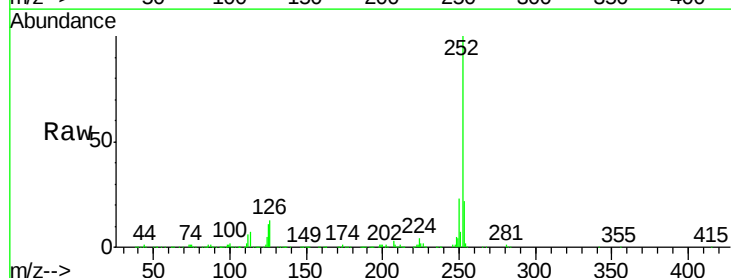
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

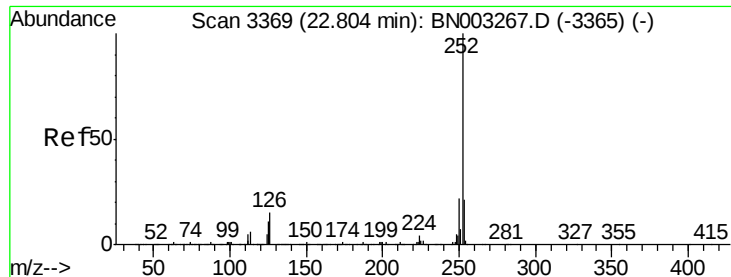
Tgt Ion:264 Resp: 697573
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 21.6 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 22.095 ng
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion:252 Resp: 848630
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.9 8.6 12.8

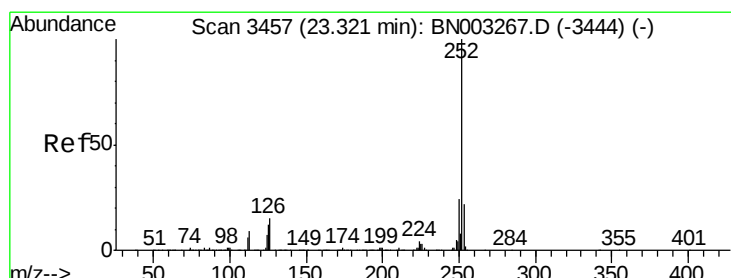
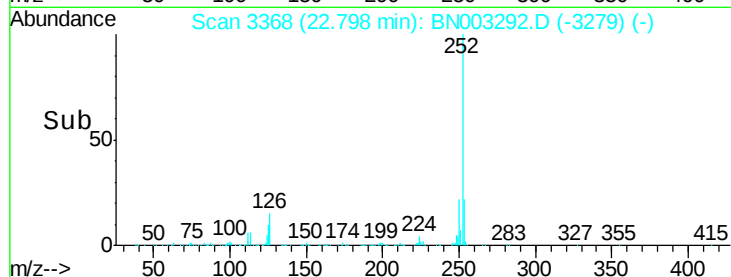
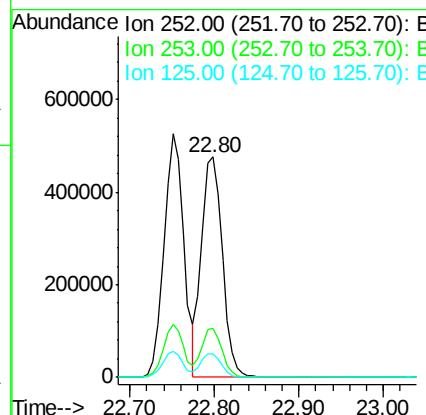
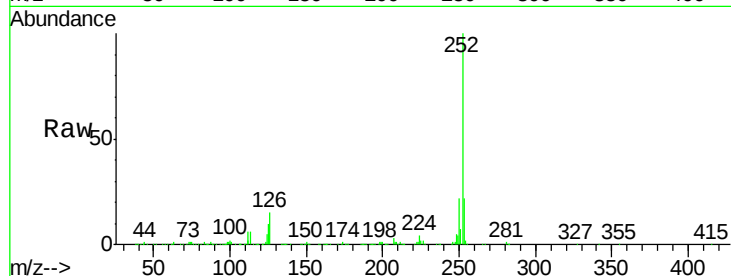




#89
Benzo(k)fluoranthene
Concen: 21.684 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

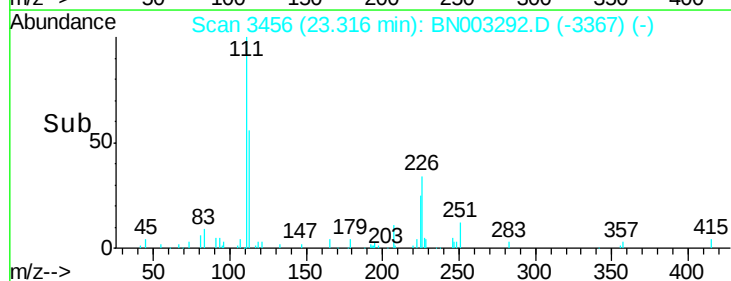
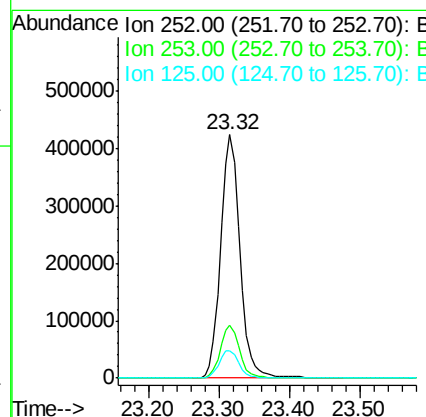
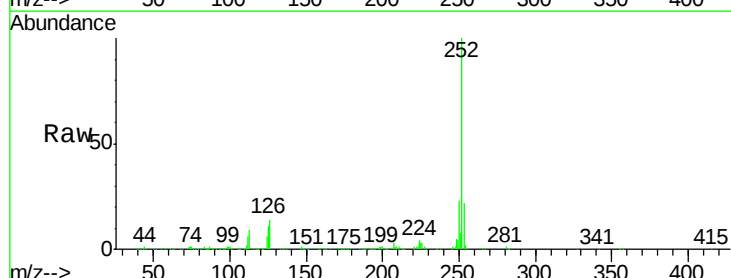
Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

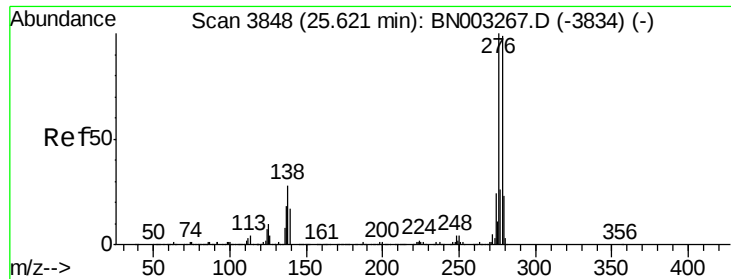
Tgt Ion: 252 Resp: 816815
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.5 8.7 13.1



#90
Benzo(a)pyrene
Concen: 22.111 ng
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion: 252 Resp: 809363
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.4 9.6 14.4

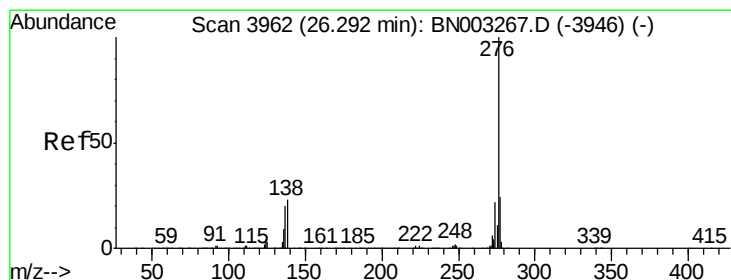
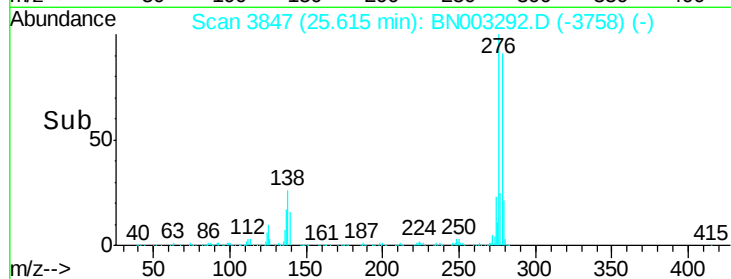
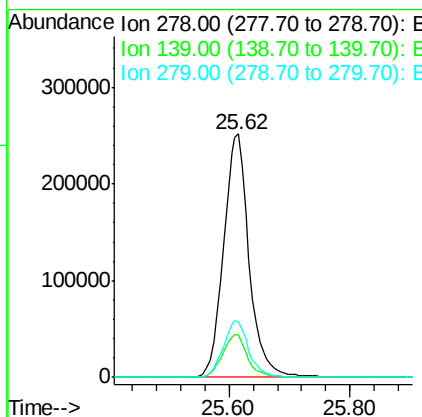
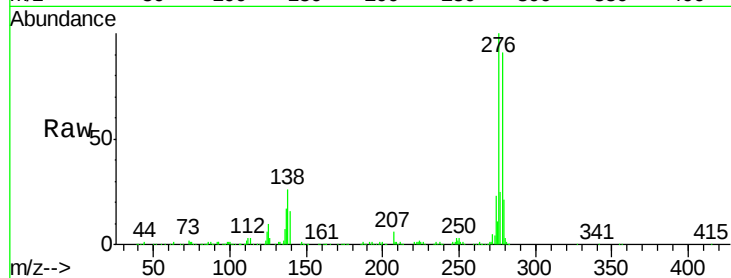




#91
Dibenzo(a,h)anthracene
Concen: 20.324 ng
RT: 25.62 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion: 278 Resp: 736346
Ion Ratio Lower Upper
278 100
139 17.6 13.9 20.9
279 22.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 20.371 ng
RT: 26.28 min Scan# 3960
Delta R.T. -0.01 min
Lab File: BN003292.D
Acq: 25 Oct 2018 03:31

Tgt Ion: 276 Resp: 708562
Ion Ratio Lower Upper
276 100
277 23.1 19.1 28.7
138 22.4 18.2 27.4

