

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
 Data File : BN002163.D
 Acq On : 26 Jul 2018 07:23
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 5 PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
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Sohil
 7/27/2018 11:36:01 AM

Quant Time: Jul 26 09:02:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 20:08:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	222695	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	910303	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	506855	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	1037873	20.00	ng	0.00
75) Chrysene-d12	21.27	240	920051	20.00	ng	0.00
86) Perylene-d12	23.49	264	882697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1721433	124.45	ng	0.00
7) Phenol-d6	6.88	99	2300540	118.51	ng	0.00
23) Nitrobenzene-d5	8.84	82	1543614	86.96	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	796409	121.00	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	3379733	86.85	ng	0.00
78) Terphenyl-d14	19.71	244	4725510	107.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	24040	4.629	ng	# 74
3) Pyridine	3.67	79	68288	4.540	ng	# 65
4) n-Nitrosodimethylamine	3.59	42	30341	4.702	ng	# 64
6) Aniline	7.03	93	88182	3.719	ng	98
8) 2-Chlorophenol	7.26	128	73422	4.577	ng	96
9) Benzaldehyde	6.85	77	67462	5.643	ng	94
10) Phenol	6.90	94	94570	4.753	ng	94
11) bis(2-Chloroethyl)ether	7.13	93	69185	4.272	ng	97
12) 1,3-Dichlorobenzene	7.58	146	81008	4.431	ng	98
13) 1,4-Dichlorobenzene	7.73	146	83412	4.460	ng	93
14) 1,2-Dichlorobenzene	8.04	146	80730	4.474	ng	98
15) Benzyl Alcohol	7.93	79	50815	3.469	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	118902	4.547	ng	94
17) 2-Methylphenol	8.13	107	61309	4.513	ng	91
18) Hexachloroethane	8.76	117	30791	4.498	ng	93
19) n-Nitroso-di-n-propylamine	8.49	70	56871	4.039	ng	# 95
20) 3+4-Methylphenols	8.46	107	79451	4.192	ng	92
22) Acetophenone	8.50	105	113412	4.805	ng	# 98
24) Nitrobenzene	8.88	77	91620	4.980	ng	97
25) Isophorone	9.40	82	150402	4.935	ng	98
26) 2-Nitrophenol	9.59	139	34499	3.882	ng	95
27) 2,4-Dimethylphenol	9.65	122	61788	4.999	ng	97
28) bis(2-Chloroethoxy)methane	9.89	93	93967	4.773	ng	97
29) 2,4-Dichlorophenol	10.12	162	62984	4.370	ng	95
30) 1,2,4-Trichlorobenzene	10.33	180	75093	4.601	ng	98
31) Naphthalene	10.51	128	232428	5.059	ng	97
32) Benzoic acid	9.73	122	19794	1.888	ng	92
33) 4-Chloroaniline	10.63	127	71684	3.507	ng	97
34) Hexachlorobutadiene	10.80	225	44656	4.468	ng	96
35) Caprolactam	11.38	113	16317m	3.318	ng	
36) 4-Chloro-3-methylphenol	11.76	107	68852	4.202	ng	92
37) 2-Methylnaphthalene	12.13	142	167634	5.174	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	81555	4.785	ng	98
40) Hexachlorocyclopentadiene	12.48	237	43768	4.547	ng	90

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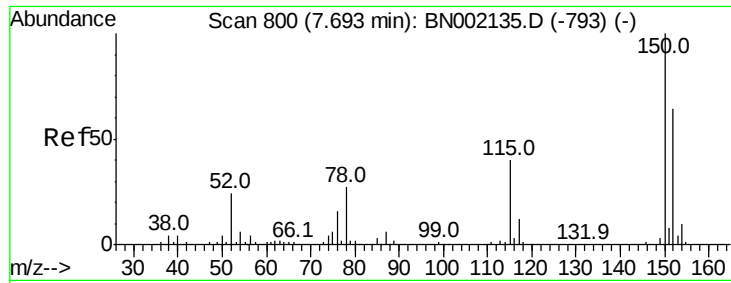
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	47764	4.177	nq	100
43) 2,4,5-Trichlorophenol	12.82	196	53448	4.413	nq	93
45) 1,1'-Biphenyl	13.15	154	213345	4.783	nq	98
46) 2-Chloronaphthalene	13.19	162	162552	4.722	nq	98
47) 2-Nitroaniline	13.40	65	44916	4.055	nq	96
48) Acenaphthylene	14.04	152	259654	4.970	nq	98
49) Dimethylphthalate	13.78	163	198665	4.719	nq	98
50) 2,6-Dinitrotoluene	13.90	165	40976	4.381	nq	94
51) Acenaphthene	14.39	154	154785	4.919	nq	98
52) 3-Nitroaniline	14.23	138	33591	3.314	nq	# 92
53) 2,4-Dinitrophenol	14.45	184	12118	2.447	nq	90
54) Dibenzofuran	14.72	168	249022	4.881	nq	95
55) 4-Nitrophenol	14.55	139	27194	3.495	nq	92
56) 2,4-Dinitrotoluene	14.69	165	52693	4.151	nq	93
57) Fluorene	15.37	166	191150	4.971	nq	95
58) 2,3,4,6-Tetrachlorophenol	14.95	232	42840	4.112	nq	# 90
59) Diethylphthalate	15.15	149	189197	4.415	nq	97
60) 4-Chlorophenyl-phenylether	15.37	204	98482	4.628	nq	96
61) 4-Nitroaniline	15.39	138	37036	3.585	nq	97
62) Azobenzene	15.66	77	187674	4.564	nq	97
64) 4,6-Dinitro-2-methylphenol	15.46	198	20383	2.909	nq	87
65) n-Nitrosodiphenylamine	15.59	169	158715	4.609	nq	97
66) 4-Bromophenyl-phenylether	16.26	248	57384	4.723	nq	# 92
67) Hexachlorobenzene	16.38	284	62154	4.625	nq	95
68) Atrazine	16.54	200	49376	4.258	nq	95
69) Pentachlorophenol	16.73	266	21615	2.499	nq	91
70) Phenanthrene	17.11	178	288990	5.101	nq	100
71) Anthracene	17.20	178	281903	5.027	nq	99
72) Carbazole	17.47	167	242709	4.314	nq	97
73) Di-n-butylphthalate	18.05	149	257585	3.925	nq	98
74) Fluoranthene	19.13	202	292714	4.759	nq	98
76) Benzidine	19.32	184	69492	2.316	nq	97
77) Pyrene	19.50	202	300037	4.729	nq	99
79) Butylbenzylphthalate	20.41	149	101466	3.674	nq	92
80) Benzo(a)anthracene	21.25	228	278796	4.972	nq	97
81) 3,3'-Dichlorobenzidine	21.19	252	66226	3.031	nq	100
82) Chrysene	21.30	228	265371	4.970	nq	97
83) Bis(2-ethylhexyl)phthalate	21.19	149	150262	3.901	nq	# 94
84) Di-n-octyl phthalate	22.07	149	242676	3.974	nq	97
85) Indeno(1,2,3-cd)pyrene	25.72	276	281434	5.406	nq	# 94
87) Benzo(b)fluoranthene	22.83	252	261535	5.020	nq	96
88) Benzo(k)fluoranthene	22.87	252	250749	4.887	nq	99
89) Benzo(a)pyrene	23.40	252	242349	4.981	nq	98
90) Dibenzo(a,h)anthracene	25.73	278	236076	5.168	nq	# 94
91) Benzo(g,h,i)perylene	26.40	276	234165	5.305	nq	# 95

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



#1

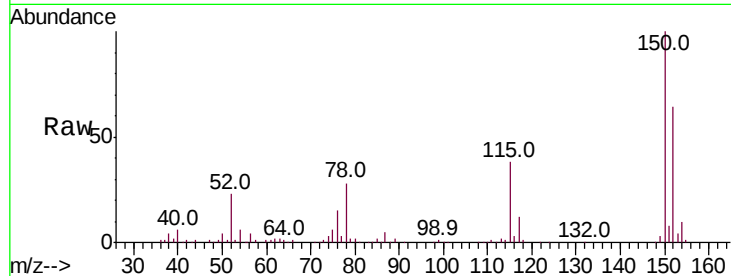
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 800
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	59.9	53.0	79.4

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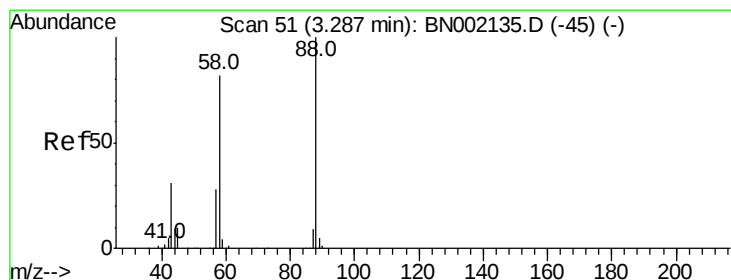
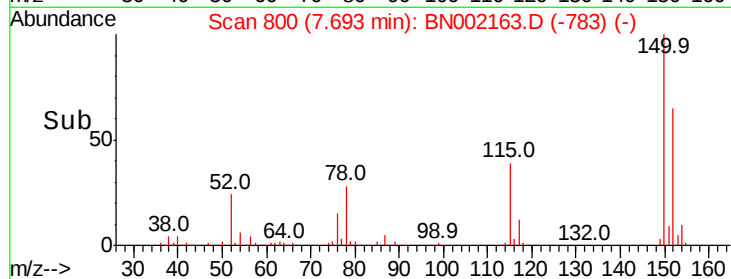
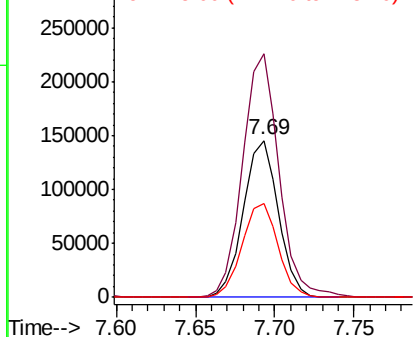


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.629 ng
RT: 3.29 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

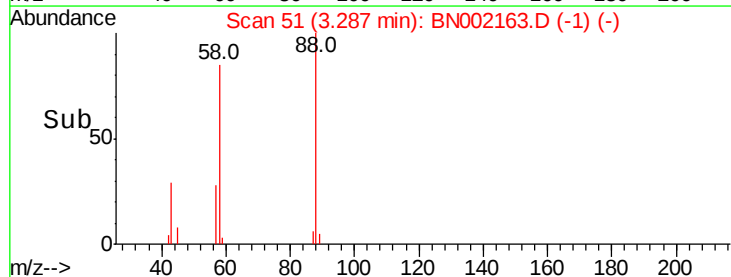
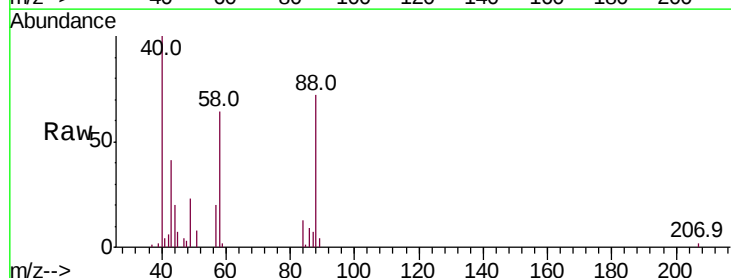
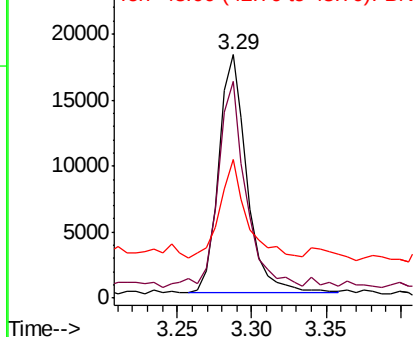
Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	52.0	78.0#
43	39.2	20.0	30.0#

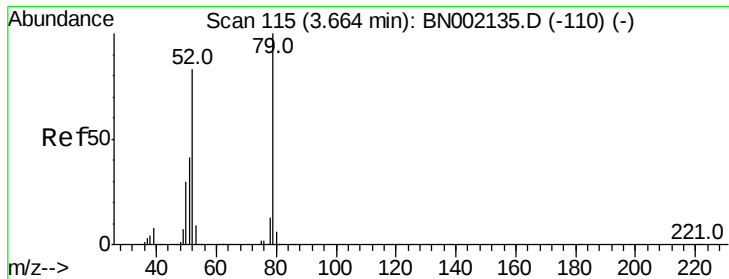
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 4.540 ng

RT: 3.67 min Scan# 116

Delta R.T. 0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

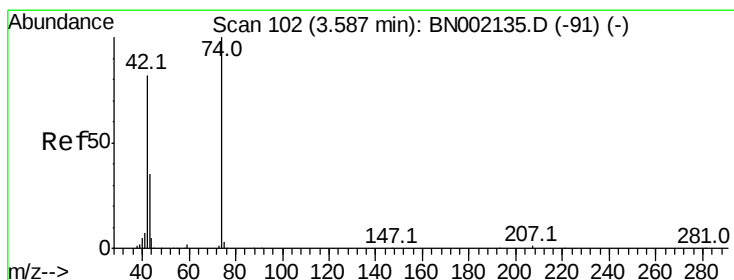
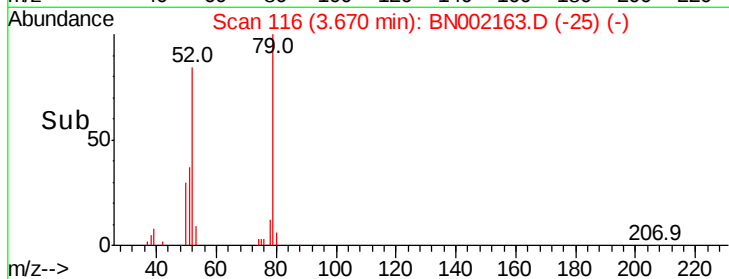
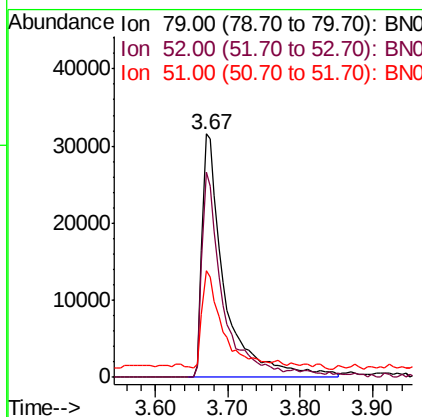
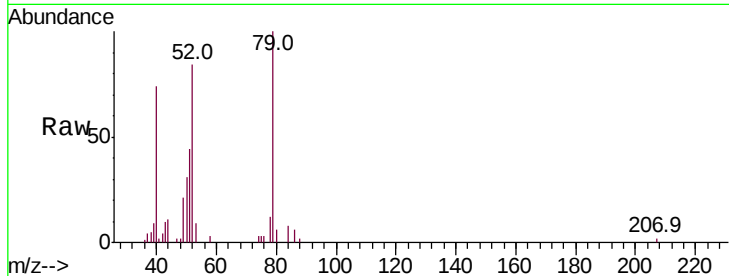
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	79	Resp:	68288
Ion Ratio	Lower	Upper	
79	100		
52	84.2	44.0	66.0#
51	43.6	24.0	36.0#

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#4

n-Nitrosodimethylamine

Concen: 4.702 ng

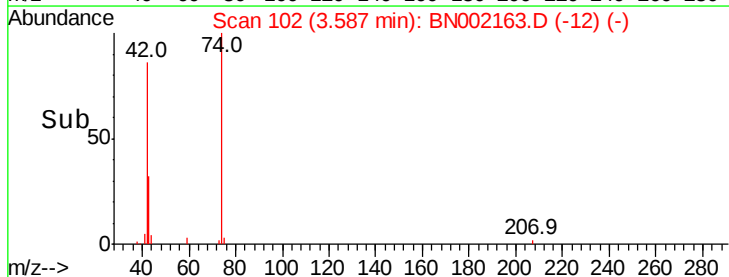
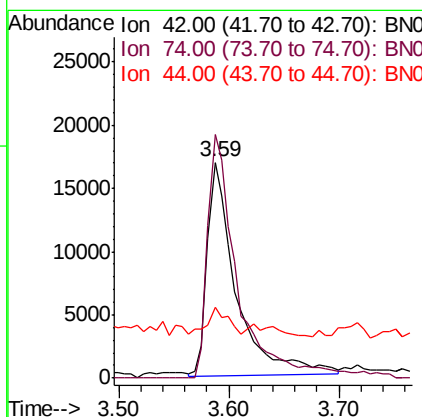
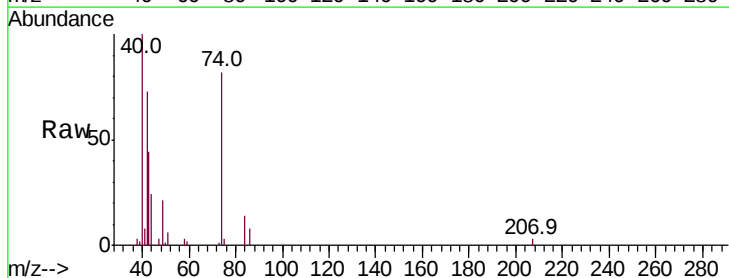
RT: 3.59 min Scan# 102

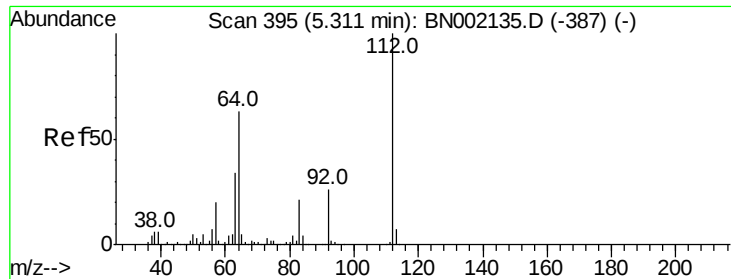
Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:	42	Resp:	30341
Ion Ratio	Lower	Upper	
42	100		
74	112.7	128.0	192.0#
44	32.5	12.0	18.0#





#5

2-Fluorophenol

Concen: 124.448 ng

RT: 5.31 min Scan# 395

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:112 Resp: 1721433

Ion Ratio Lower Upper

112 100

64 63.3 56.3 84.5

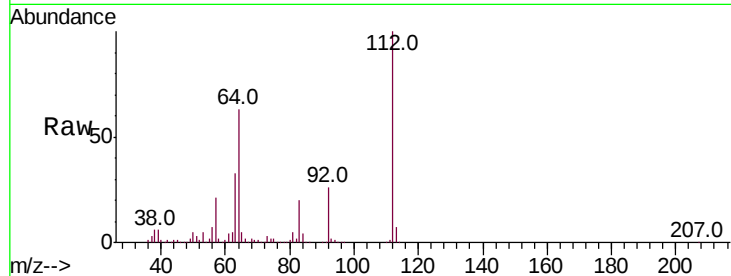
63 33.3 30.1 45.1

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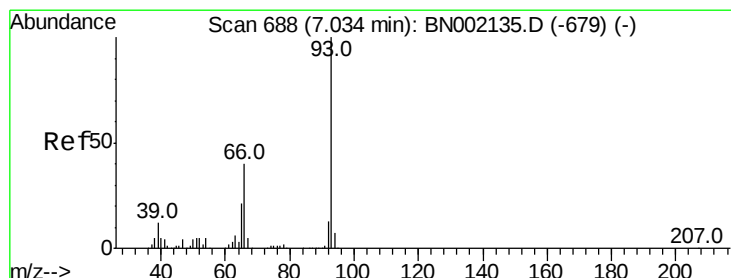
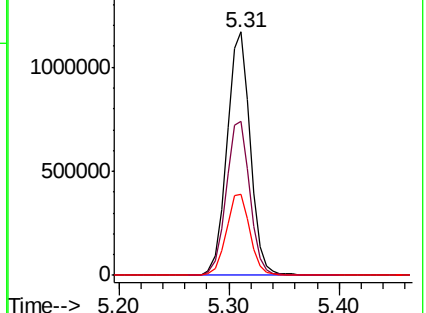
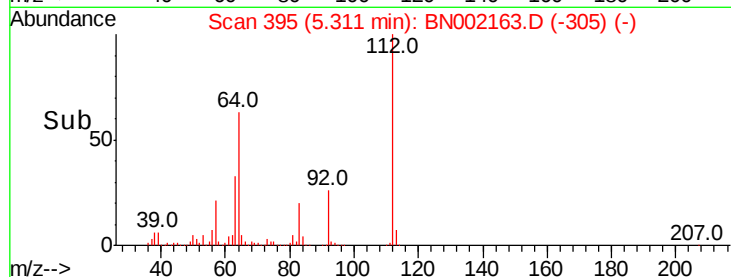
7/27/2018 11:36:01 AM



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: 3.719 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

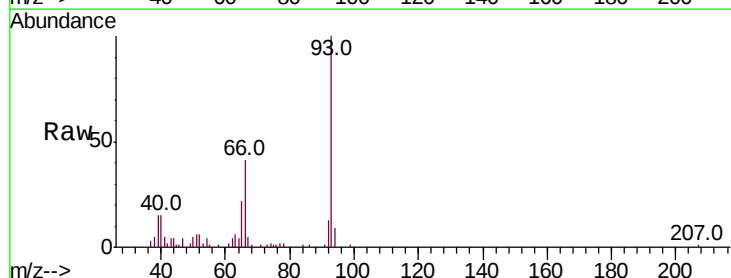
Tgt Ion: 93 Resp: 88182

Ion Ratio Lower Upper

93 100

66 41.0 33.7 50.5

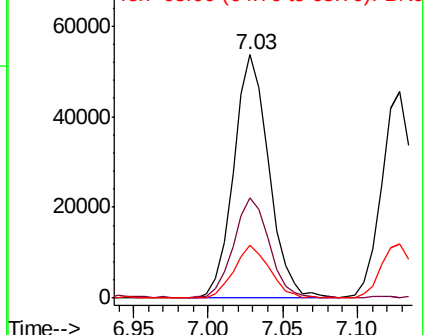
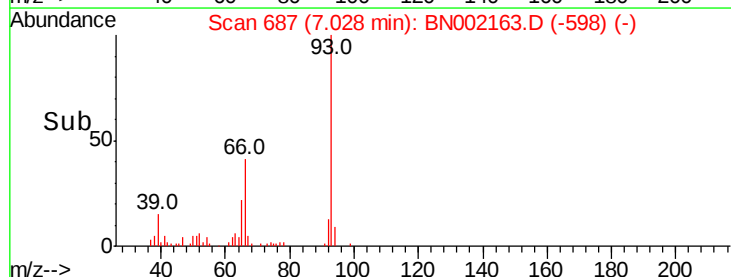
65 21.5 16.1 24.1

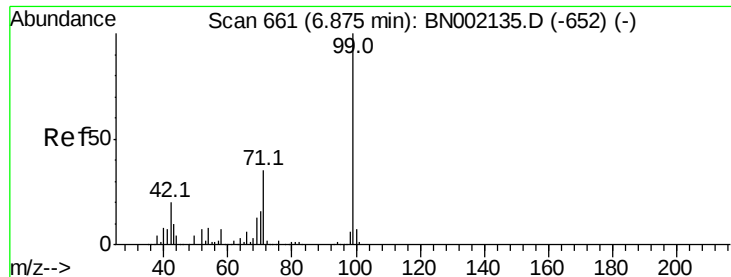


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 118.514 ng

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion: 99 Resp: 2300540

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

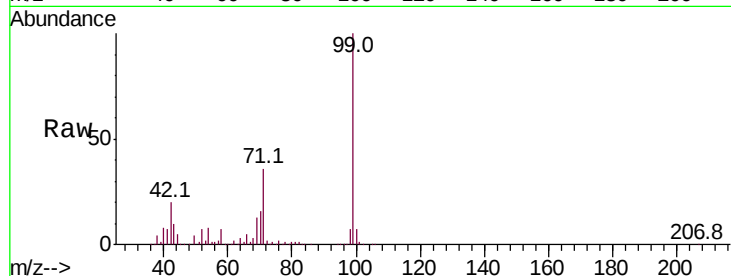
71 35.7 26.1 39.1

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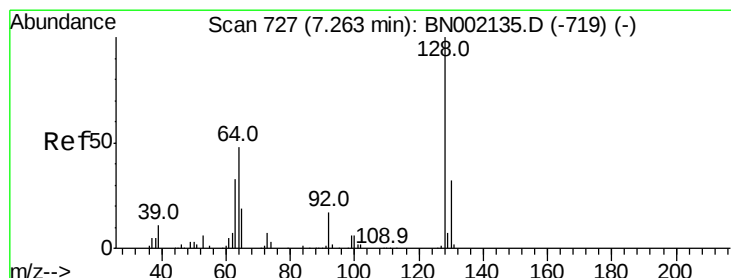
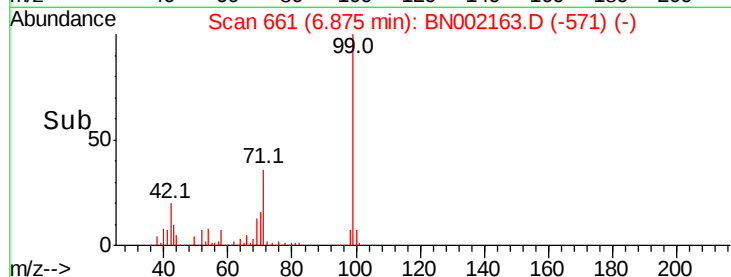
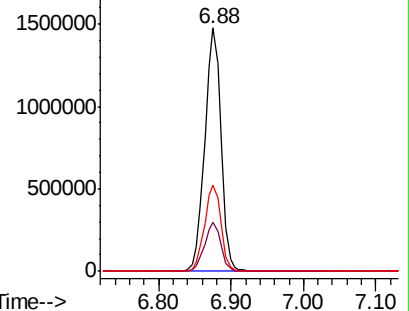
7/27/2018 11:36:01 AM



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

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

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



#8

2-Chlorophenol

Concen: 4.577 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

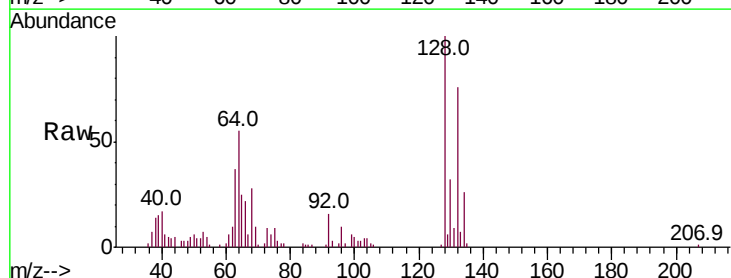
Tgt Ion:128 Resp: 73422

Ion Ratio Lower Upper

128 100

130 32.2 14.0 54.0

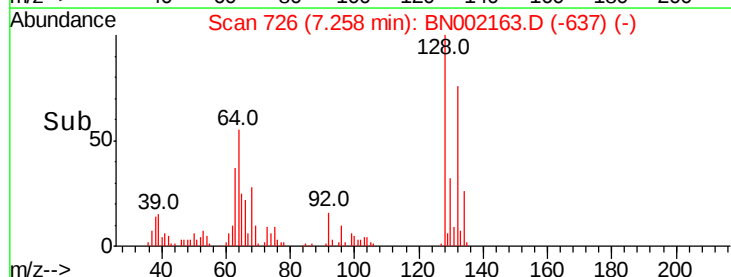
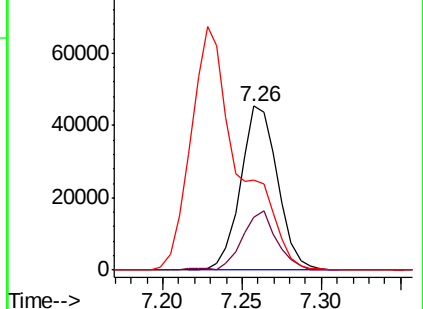
64 54.6 37.7 77.7

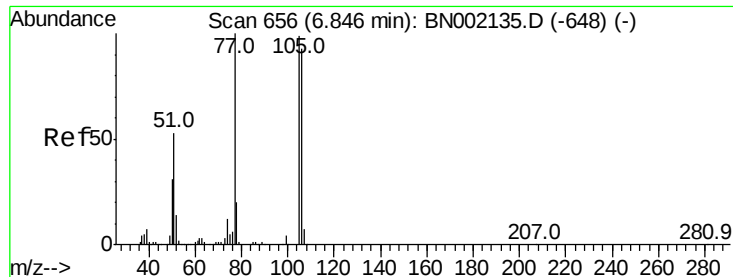


Abundance Ion 128.00 (127.70 to 128.70): BN002135.D (-719) (-)

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

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





#9

Benzaldehyde

Concen: 5.643 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

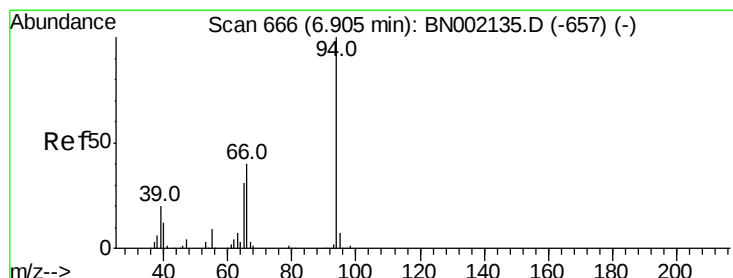
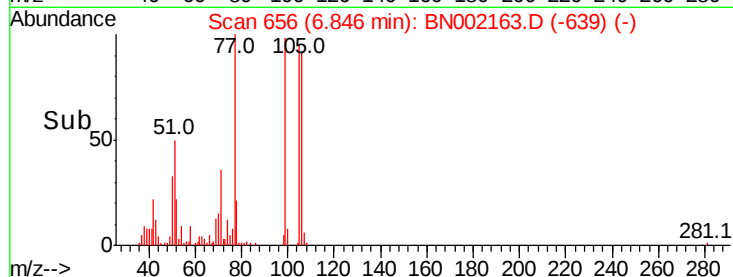
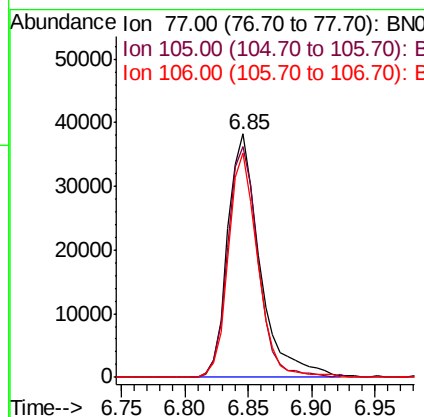
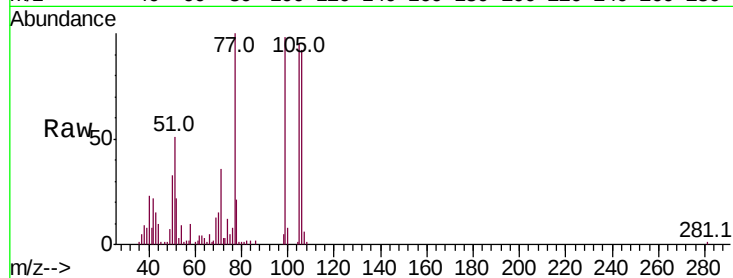
Tot Ion: 77 Resp: 67462

Ion	Ratio	Lower	Upper
77	100		
105	94.6	71.3	111.3
106	92.1	64.2	104.2

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#10

Phenol

Concen: 4.753 ng

RT: 6.90 min Scan# 665

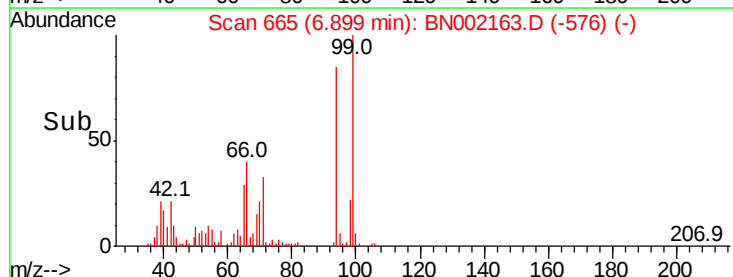
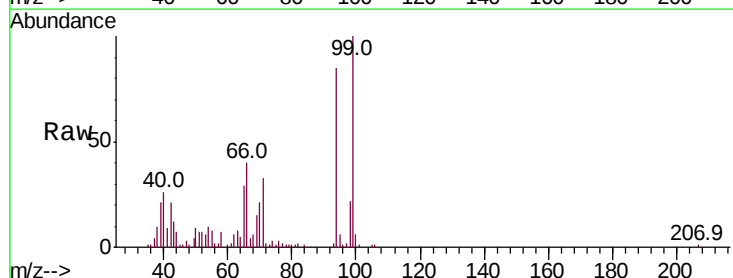
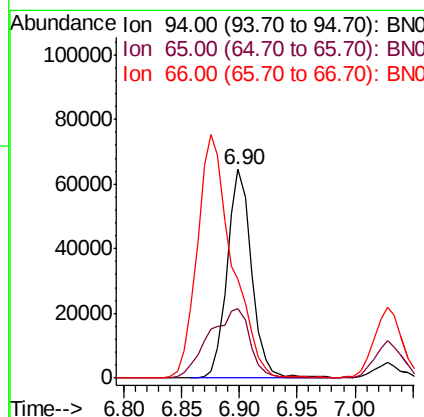
Delta R.T. -0.01 min

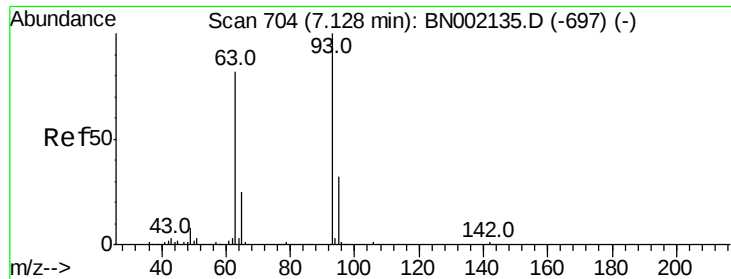
Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion: 94 Resp: 94570

Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.9	51.9
66	47.3	22.2	62.2





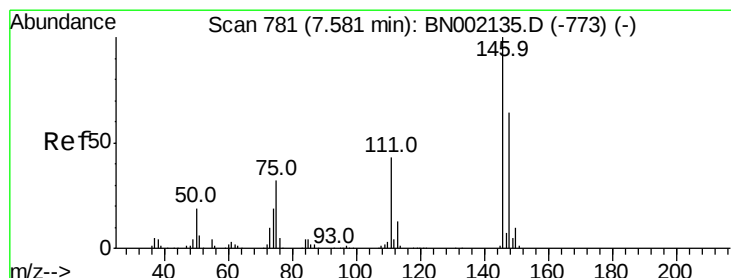
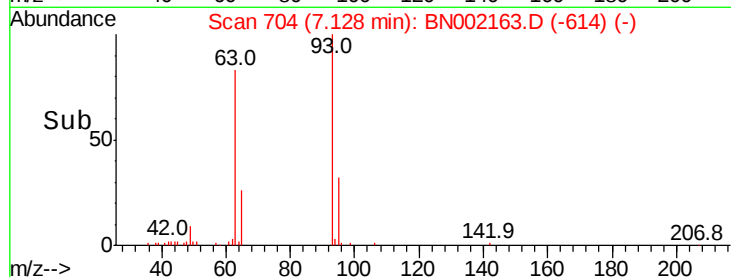
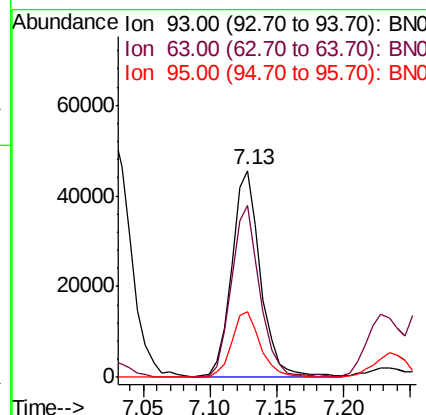
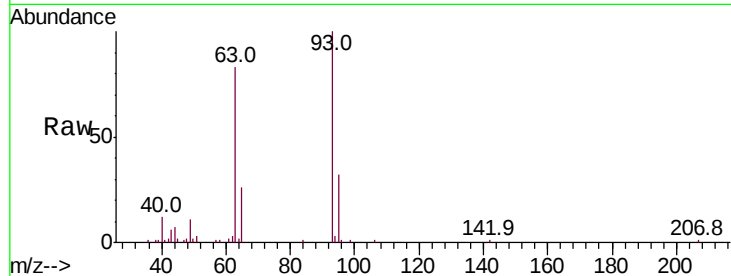
#11
bis(2-Chloroethyl)ether
Concen: 4.272 ng
RT: 7.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	67.1	107.1
95	31.9	11.5	51.5

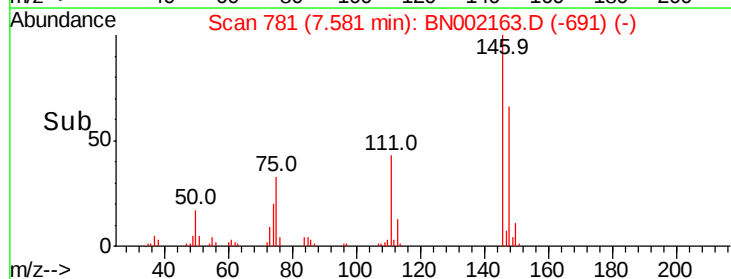
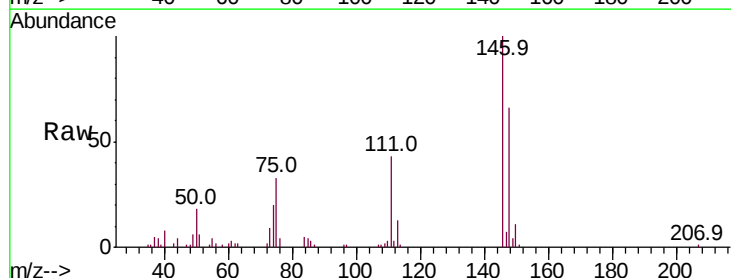
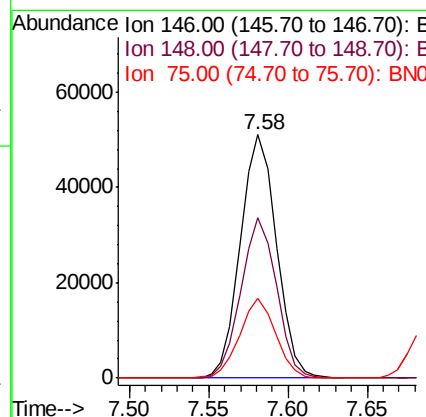
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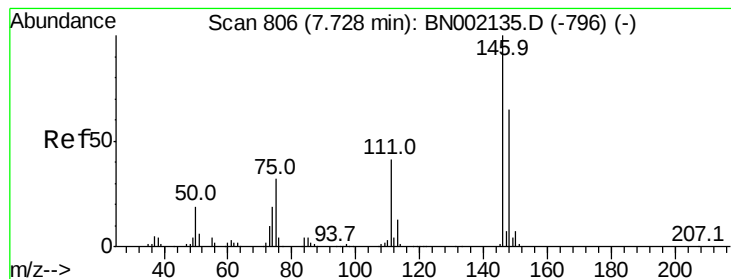
Sohil
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#12
1,3-Dichlorobenzene
Concen: 4.431 ng
RT: 7.58 min Scan# 781
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
75	32.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 4.460 ng

RT: 7.73 min Scan# 806

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

ClientSampleId :

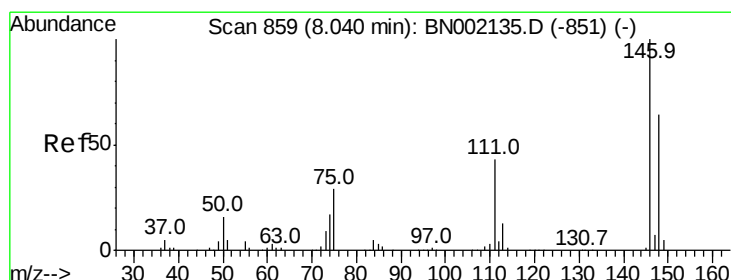
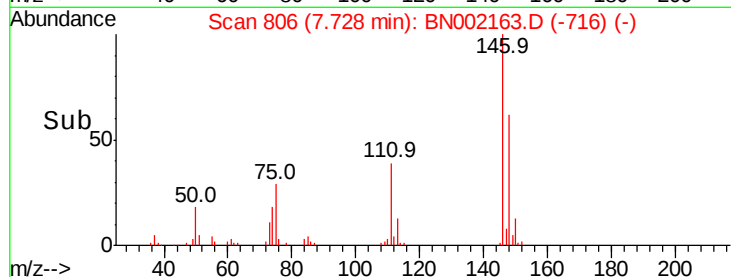
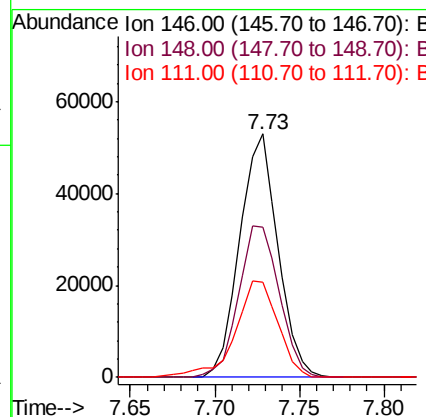
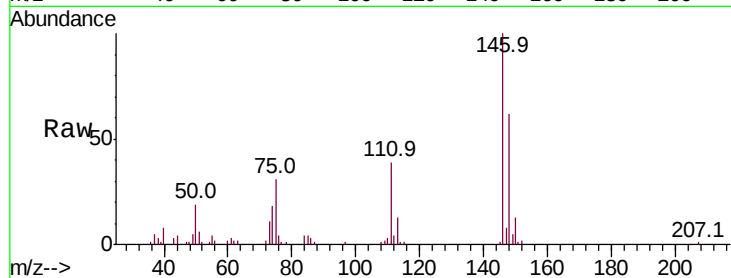
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	53.7	80.5
111	38.9	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 4.474 ng

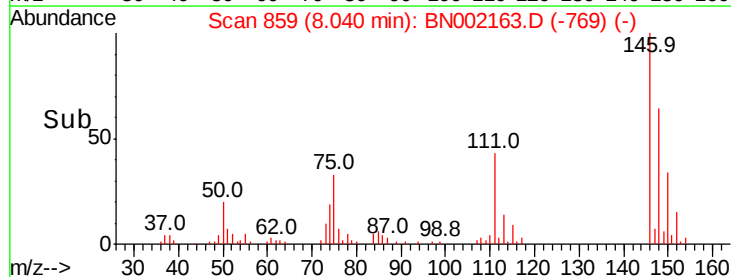
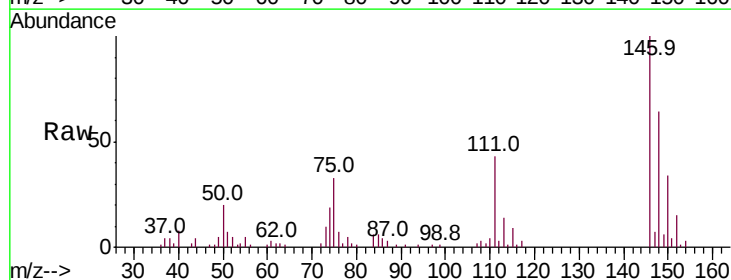
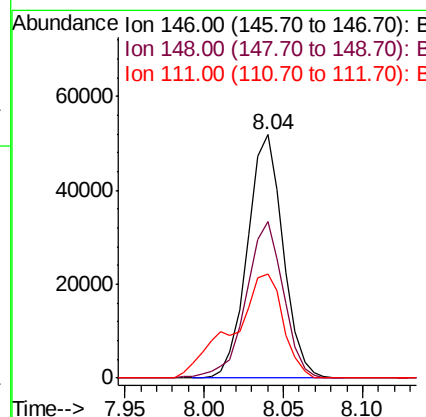
RT: 8.04 min Scan# 859

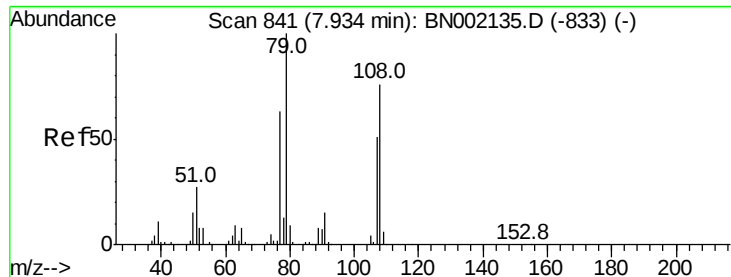
Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.3	73.9
111	42.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 3.469 ng

RT: 7.93 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

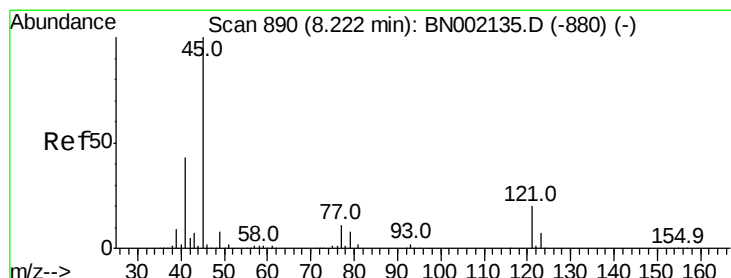
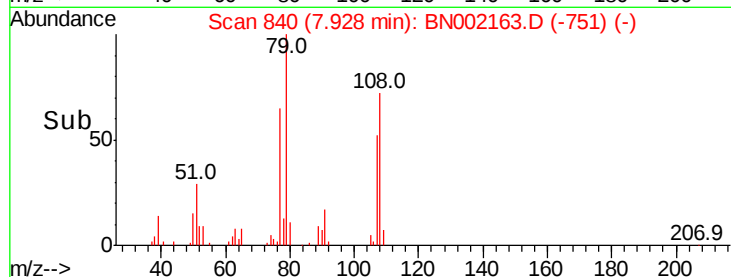
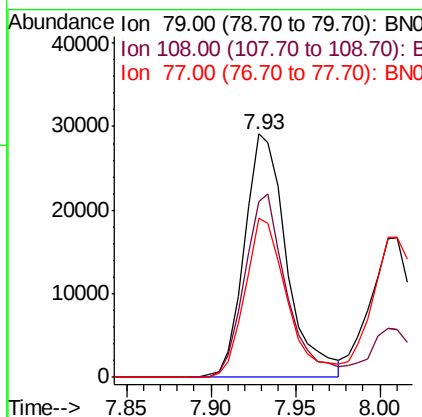
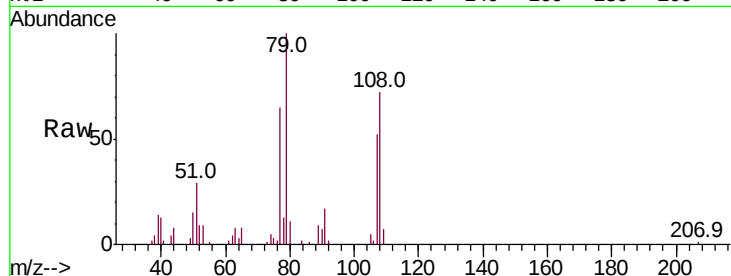
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	79	Resp:	50815
Ion Ratio	Lower	Upper	
79	100		
108	72.1	57.2	85.8
77	65.4	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.547 ng

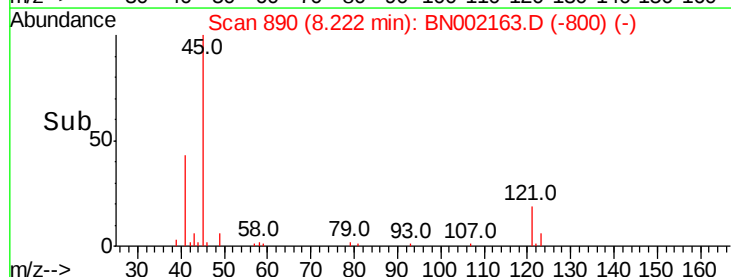
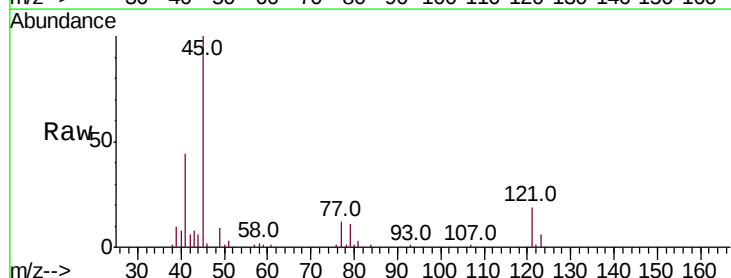
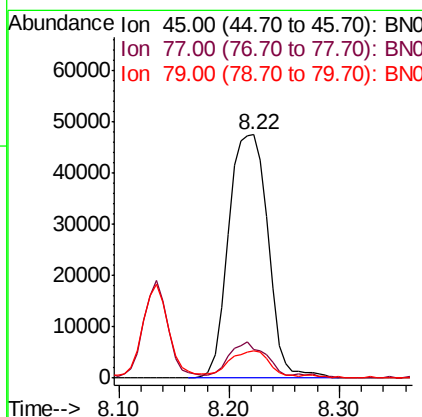
RT: 8.22 min Scan# 890

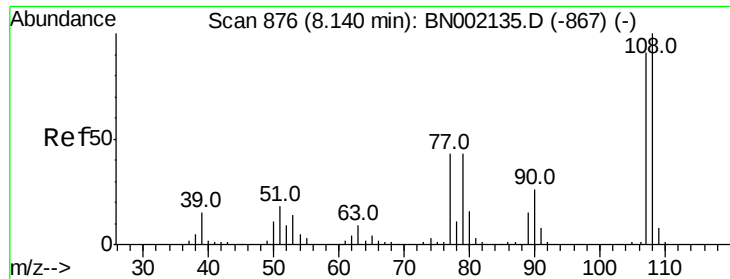
Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:	45	Resp:	118902
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	30.2
79	11.1	0.0	27.9





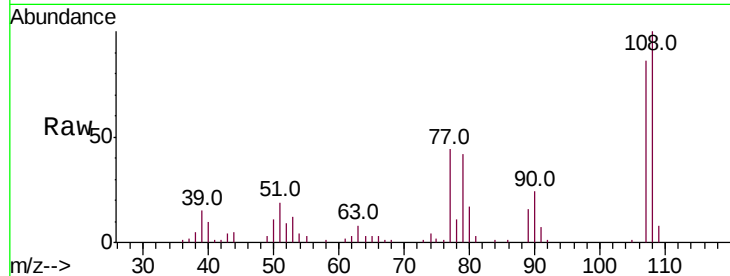
#17
2-Methylphenol
Concen: 4.513 ng
RT: 8.13 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.6	83.9	125.9
77	51.2	37.2	55.8
79	48.8	36.2	54.2

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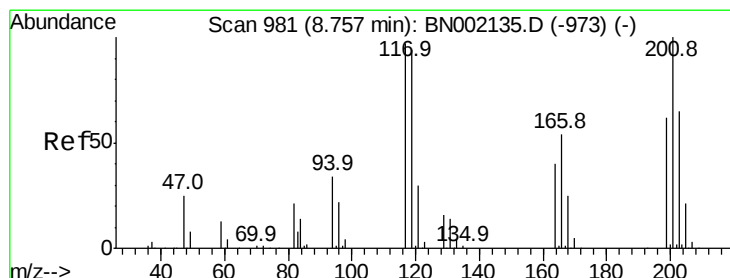
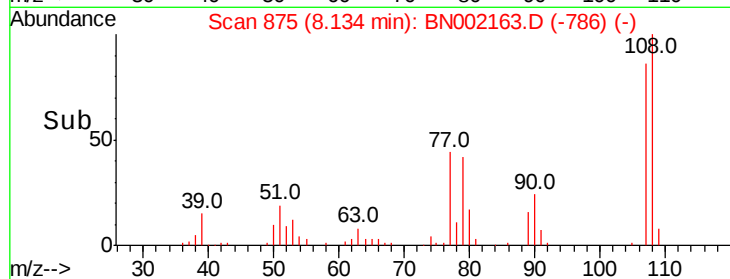
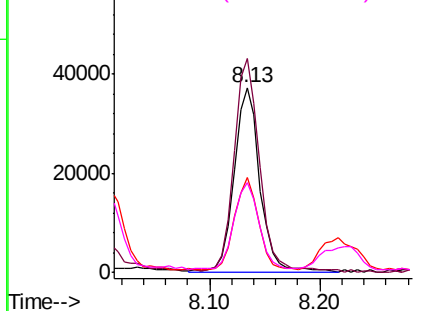
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18
Hexachloroethane
Concen: 4.498 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

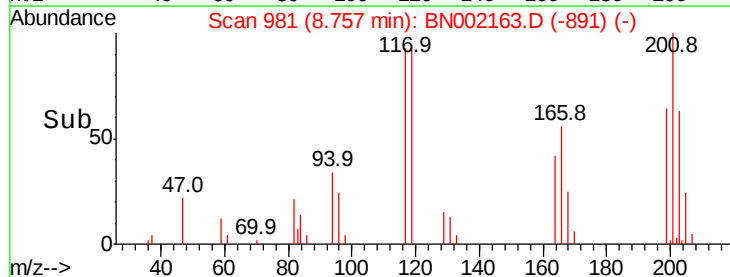
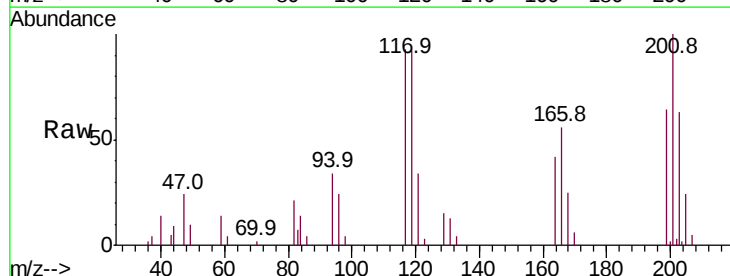
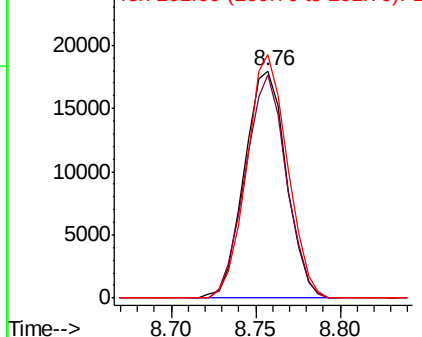
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.7	115.1
201	107.2	95.7	143.5

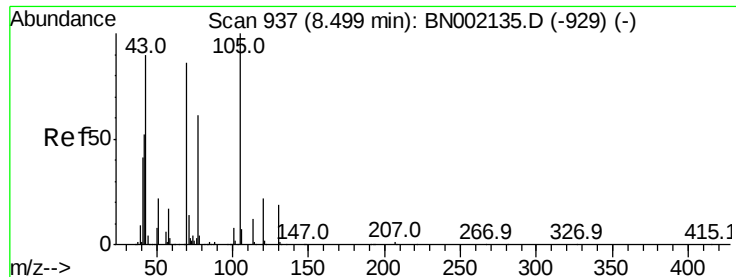
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





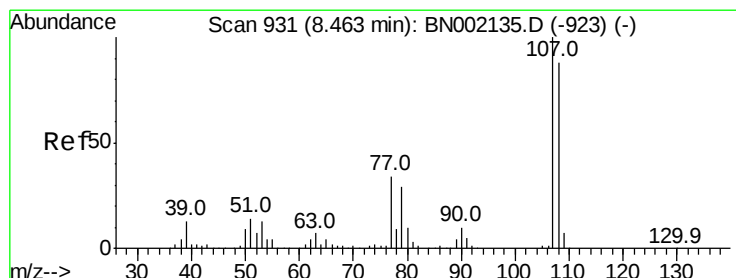
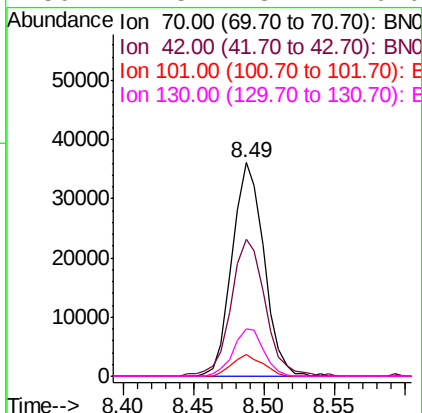
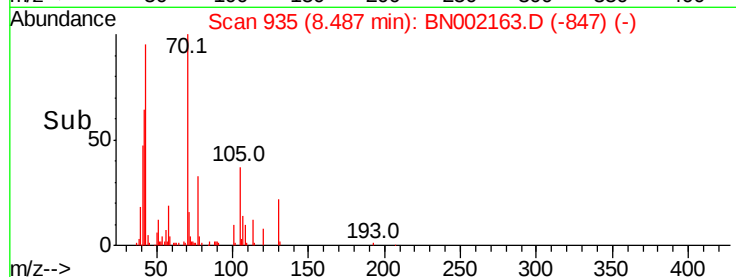
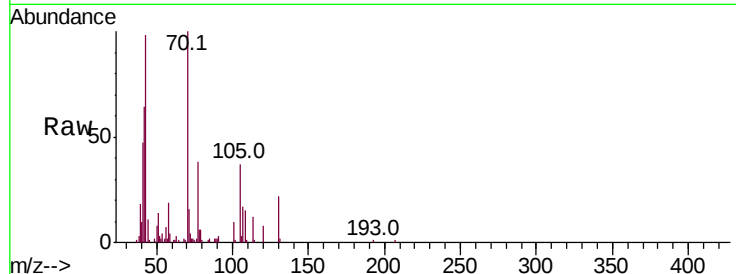
#19
n-Nitroso-di-n-propylamine
Concen: 4.039 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.9	49.1	73.7	
101	10.3	8.5	12.7	
130	22.5	13.4	20.0	

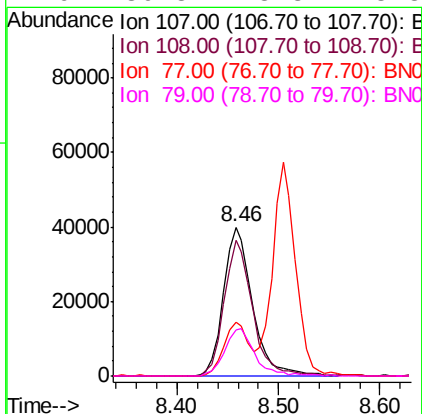
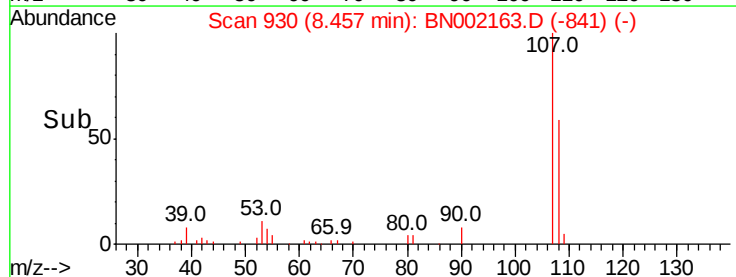
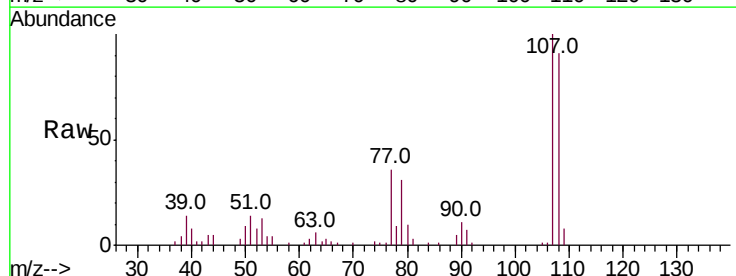
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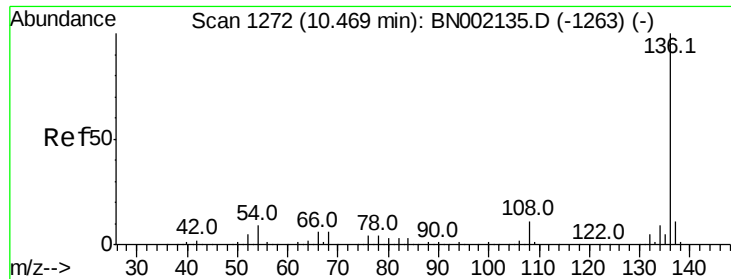
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#20
3+4-Methylphenols
Concen: 4.192 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	61.6	101.6	
77	36.3	13.9	53.9	
79	30.8	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

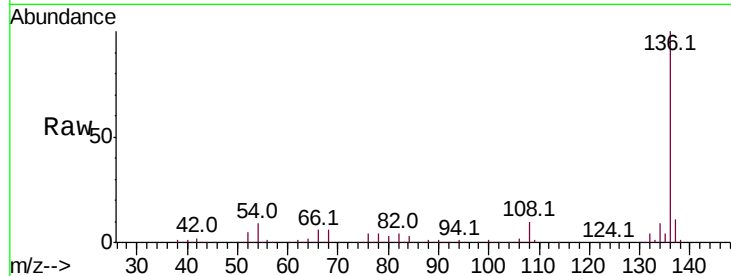
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	9.5	10.3	15.5	
68	5.7	4.5	6.7	

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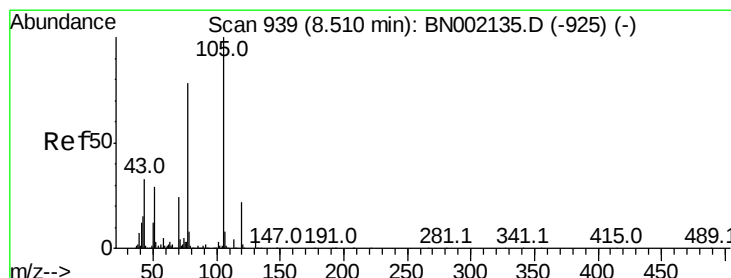
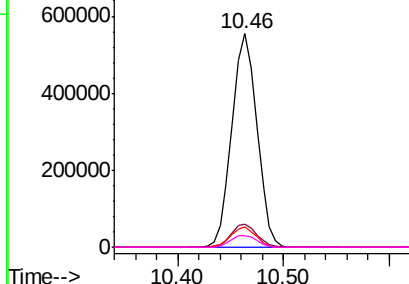
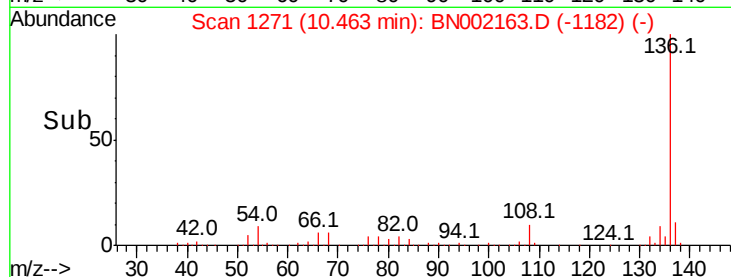
Abundance

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: 4.805 ng

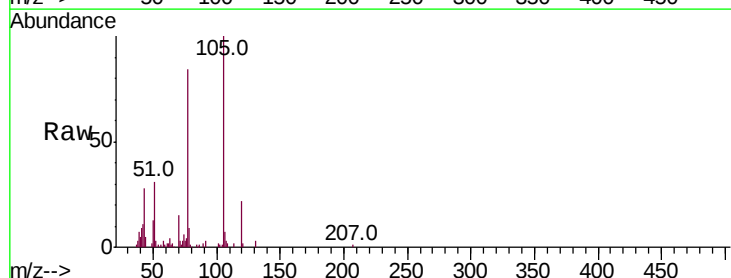
RT: 8.50 min Scan# 938

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	3.0	4.4	
51	30.5	26.1	39.1	
120	22.1	17.4	26.2	



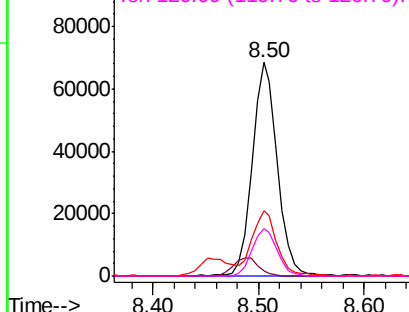
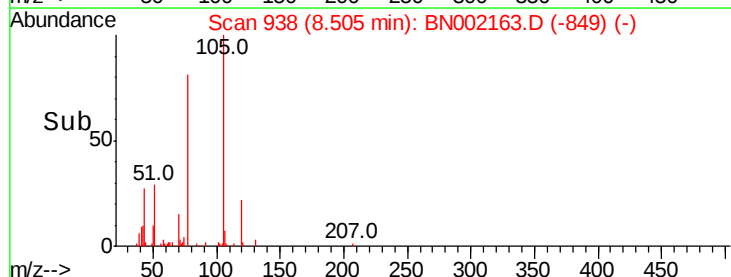
Abundance

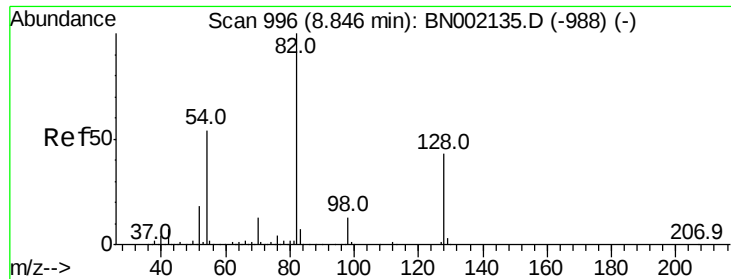
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E





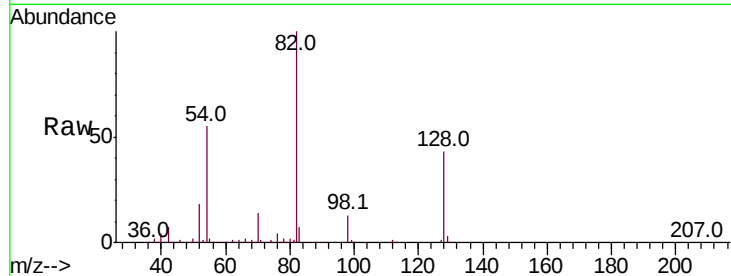
#23
Nitrobenzene-d5
Concen: 86.962 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

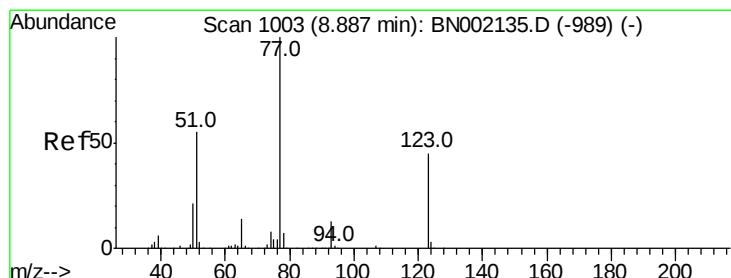
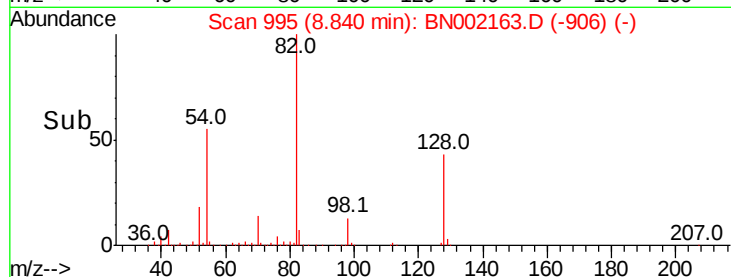
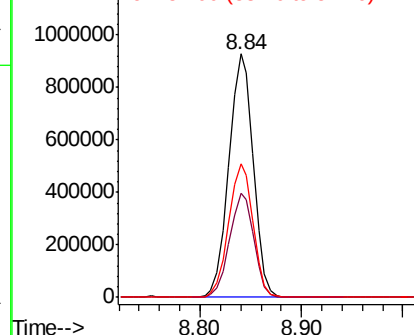
Tot Ion: 82 Resp: 1543614
Ion Ratio Lower Upper
82 100
128 42.9 29.7 44.5
54 54.7 43.1 64.7

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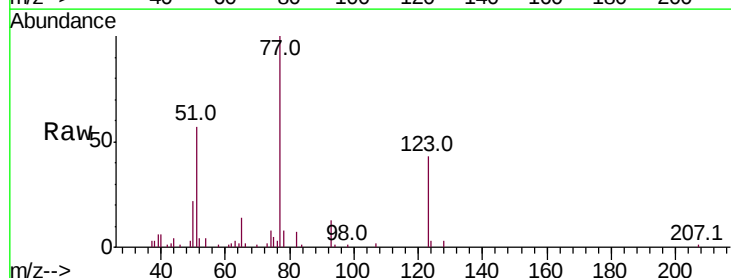


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

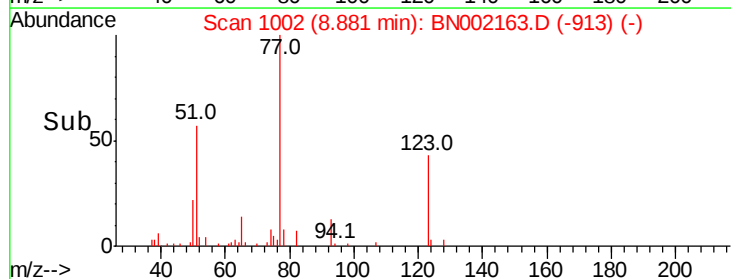
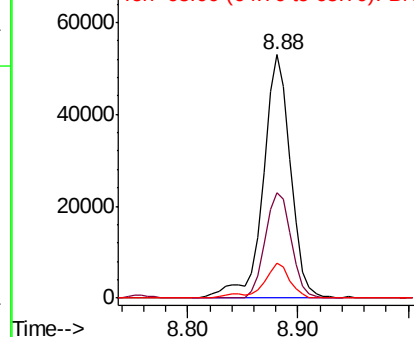


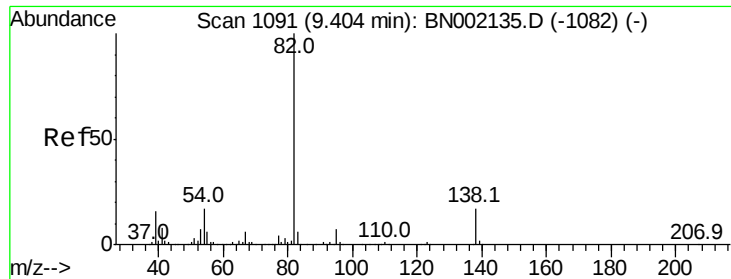
#24
Nitrobenzene
Concen: 4.980 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion: 77 Resp: 91620
Ion Ratio Lower Upper
77 100
123 43.2 33.0 49.6
65 14.5 13.0 19.6



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





#25

Isophorone

Concen: 4.935 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

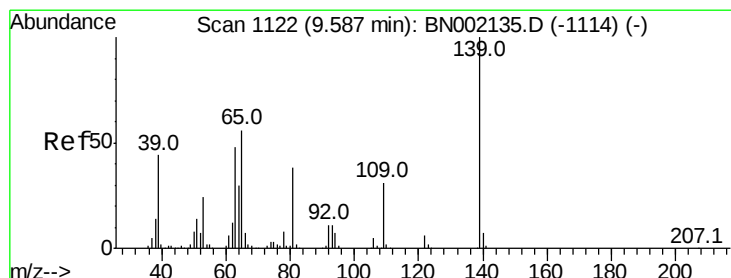
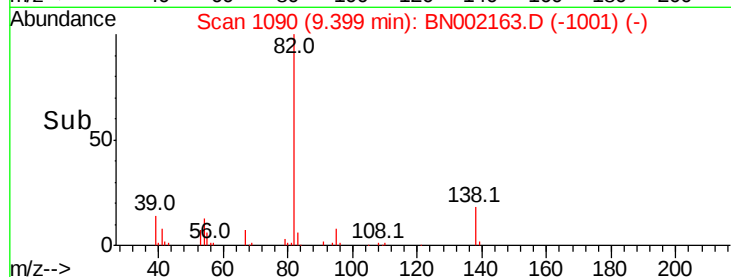
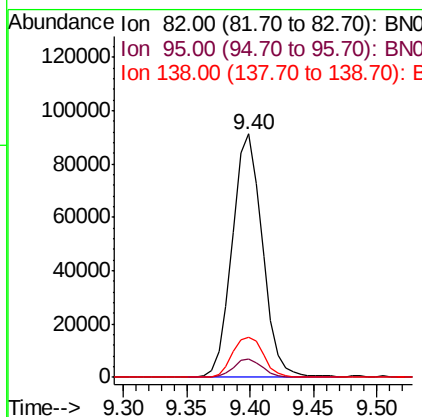
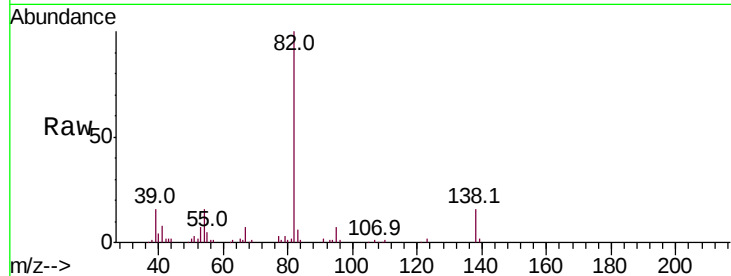
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	16.3	12.1	18.1

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#26

2-Nitrophenol

Concen: 3.882 ng

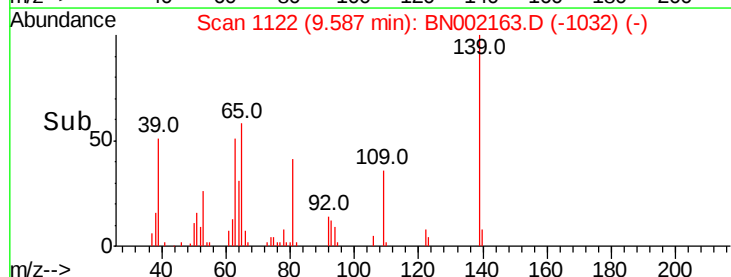
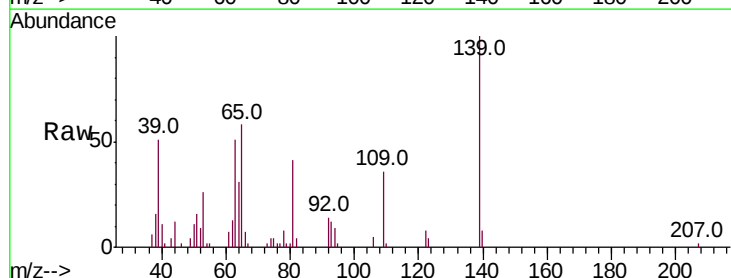
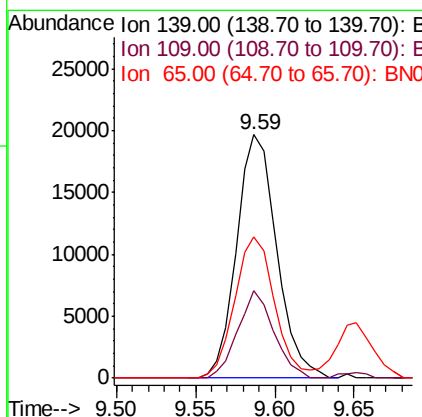
RT: 9.59 min Scan# 1122

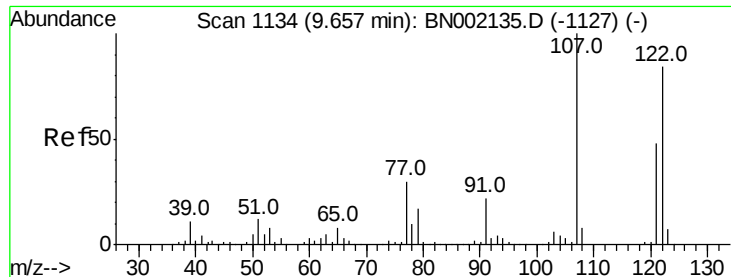
Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.7	24.2	36.2
65	57.9	47.4	71.0





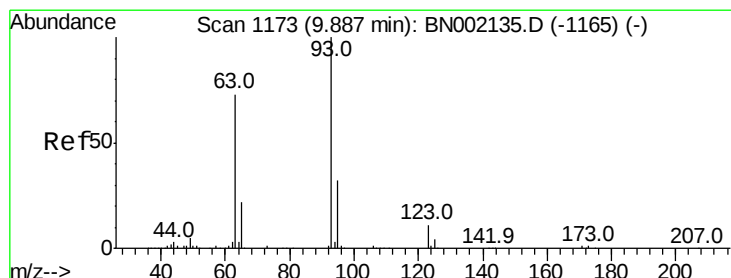
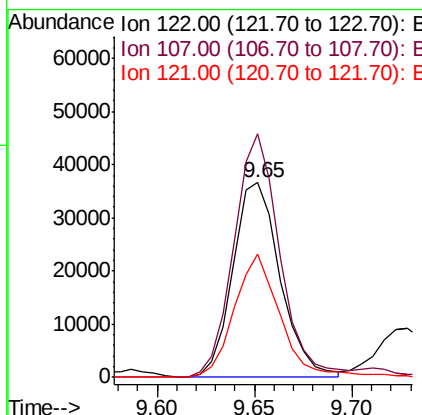
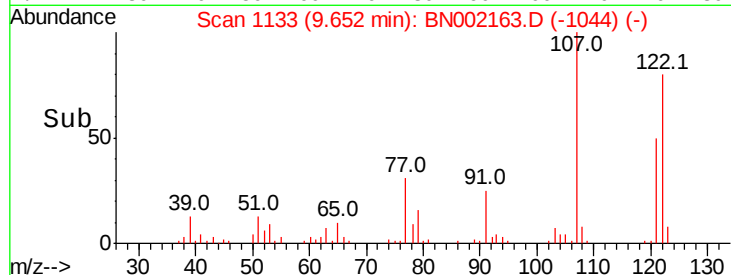
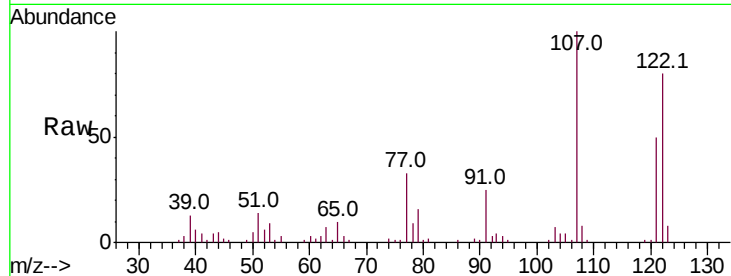
#27
 2,4-Dimethylphenol
 Concen: 4.999 ng
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.0	100.2	150.2
121	63.0	44.4	66.6

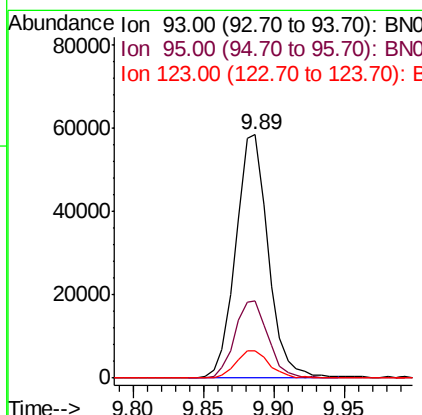
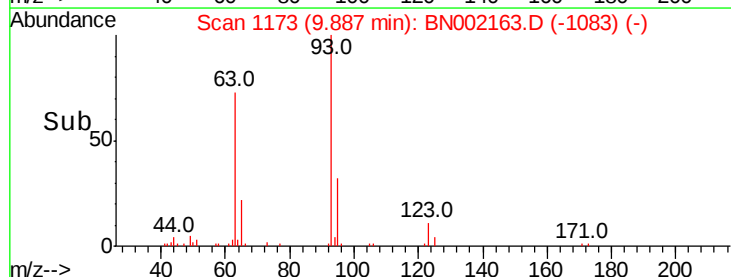
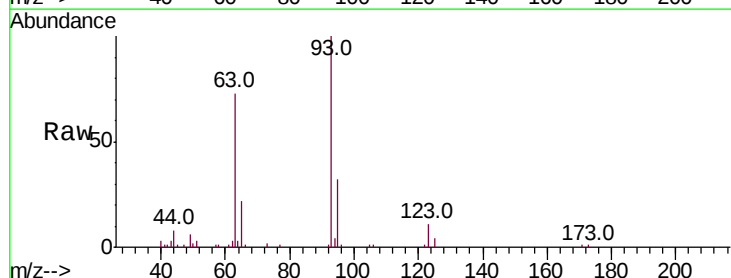
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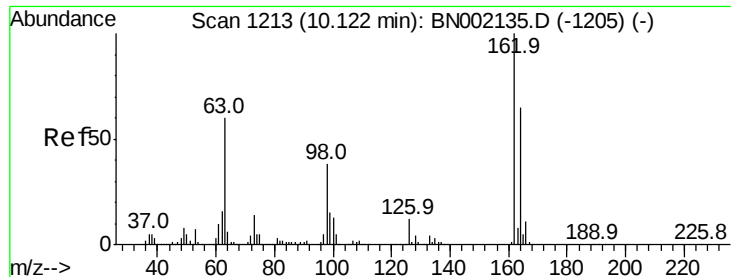
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#28
 bis(2-Chloroethoxy)methane
 Concen: 4.773 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	11.5	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 4.370 ng

RT: 10.12 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:162 Resp: 62984

Ion Ratio Lower Upper

162 100

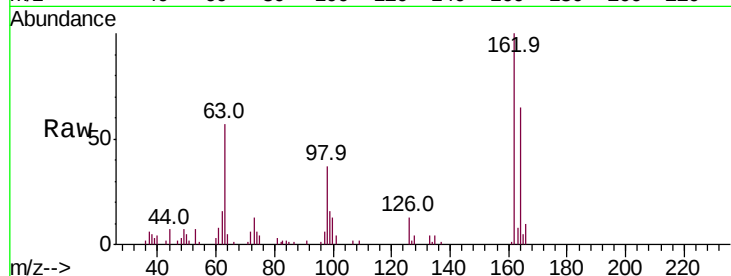
164 64.7 48.0 88.0

98 36.5 21.1 61.1

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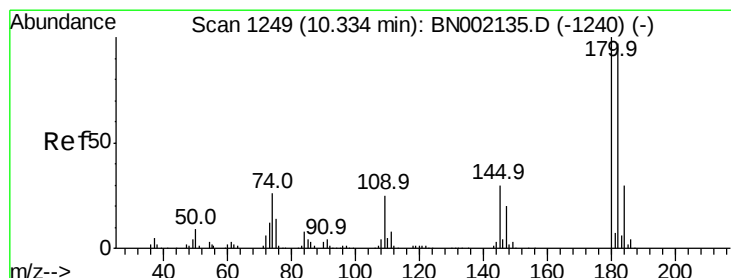
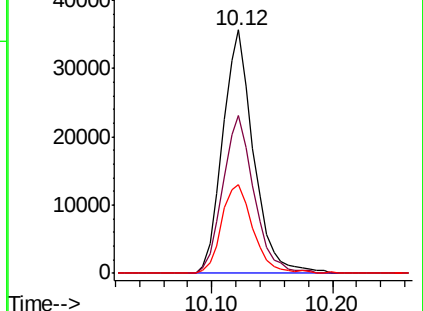
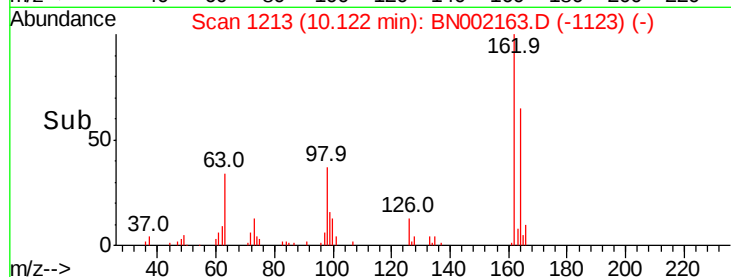
7/27/2018 11:36:01 AM



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): BNO



#30

1,2,4-Trichlorobenzene

Concen: 4.601 ng

RT: 10.33 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

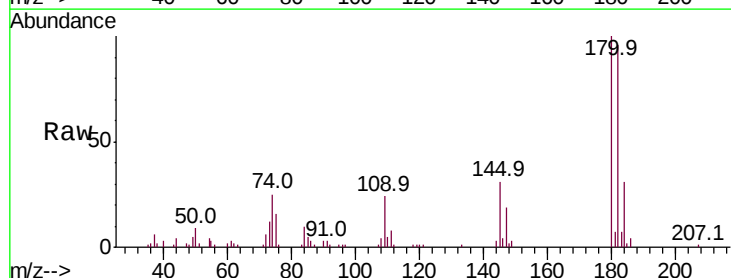
Tgt Ion:180 Resp: 75093

Ion Ratio Lower Upper

180 100

182 95.7 77.5 116.3

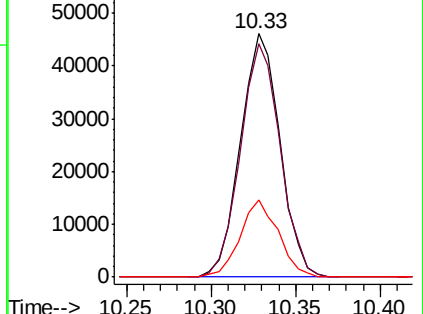
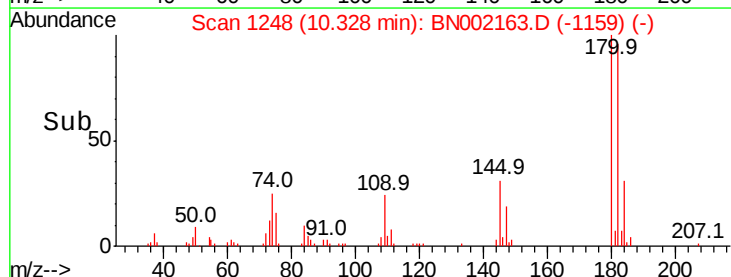
145 31.5 23.4 35.2

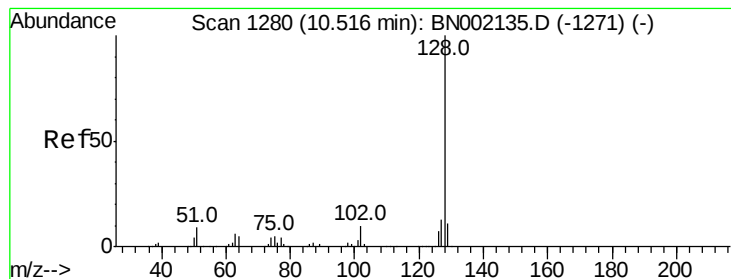


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





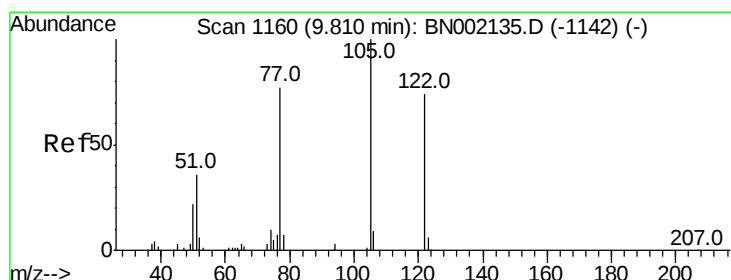
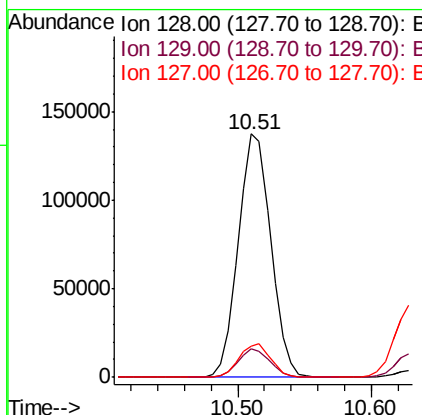
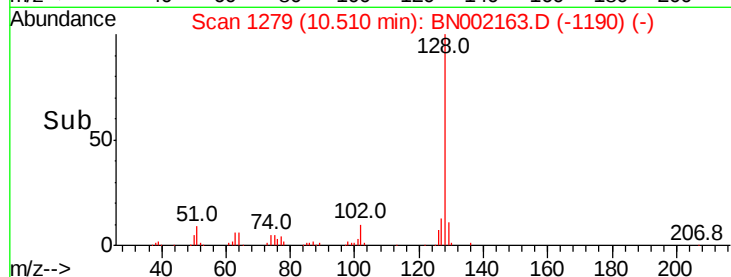
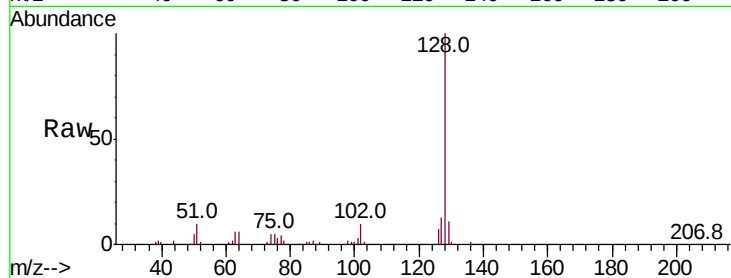
#31
Naphthalene
Concen: 5.059 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
128	100	232428		
129	11.5	8.6	12.8	
127	12.8	11.6	17.4	

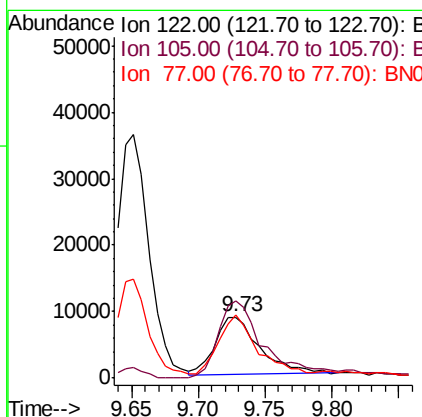
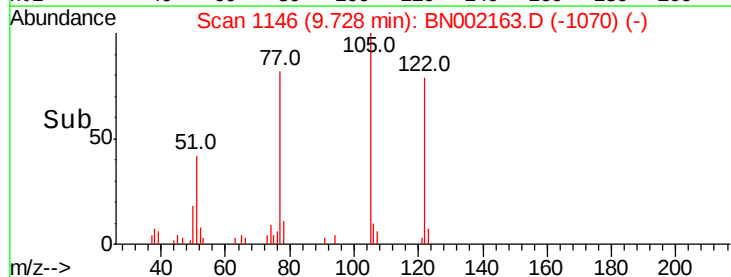
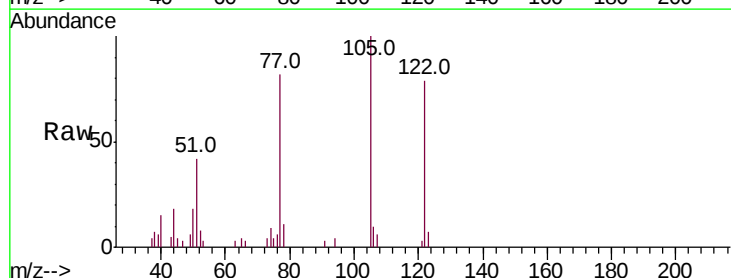
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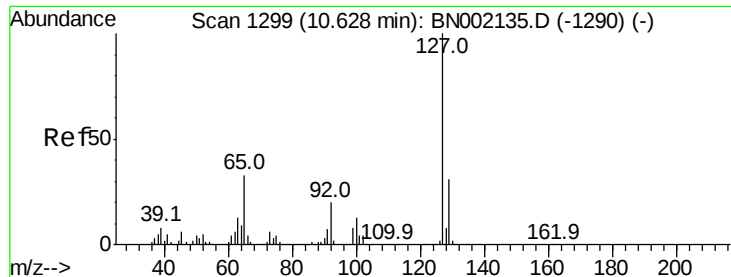
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#32
Benzoic acid
Concen: 1.888 ng
RT: 9.73 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	19794		
105	127.2	123.5	163.5	
77	104.8	85.7	125.7	





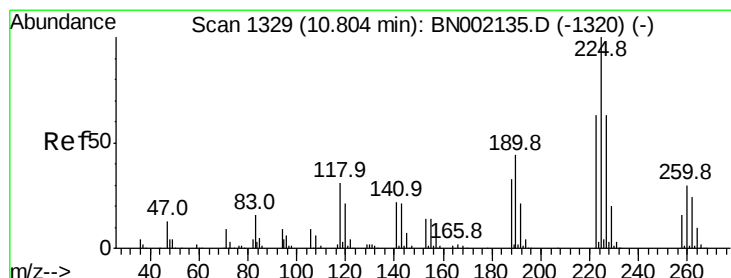
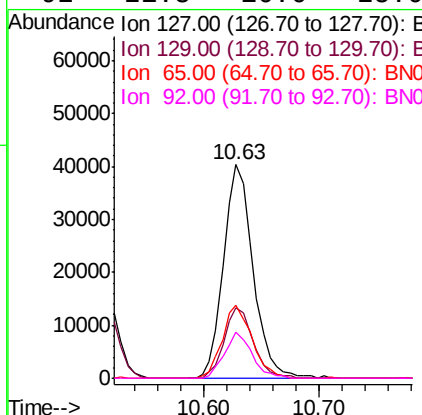
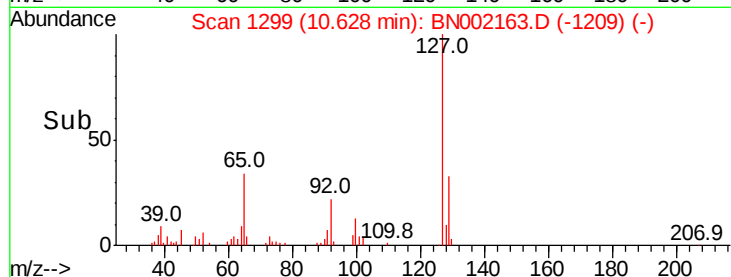
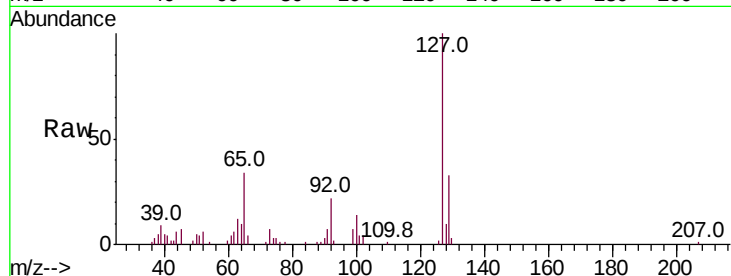
#33
4-Chloroaniline
Concen: 3.507 ng
RT: 10.63 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.0	36.0
65	34.1	27.0	40.4
92	21.8	16.6	25.0

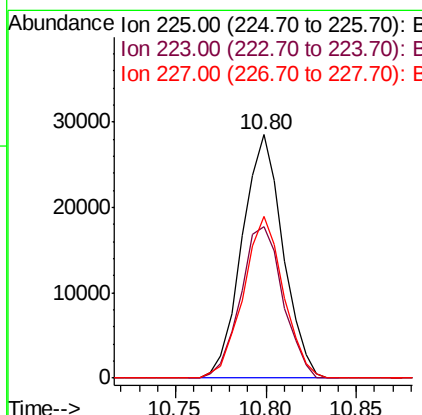
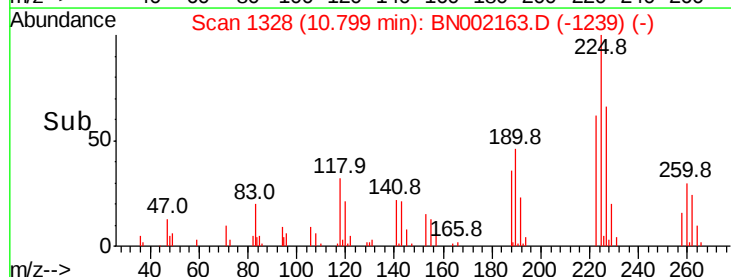
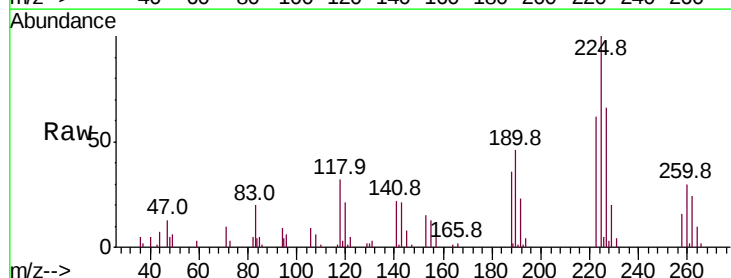
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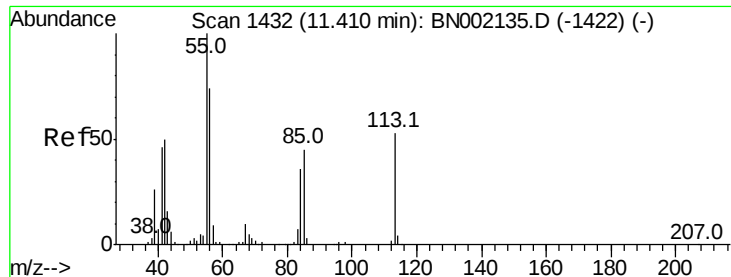
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#34
Hexachlorobutadiene
Concen: 4.468 ng
RT: 10.80 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	66.5	48.1	72.1





#35

Caprolactam

Concen: 3.318 ng/mL

RT: 11.38 min Scan# 1426

Delta R.T. -0.04 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

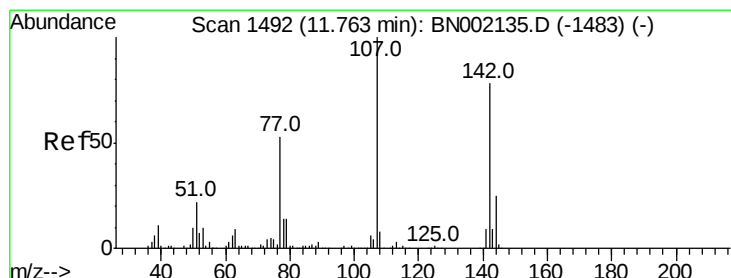
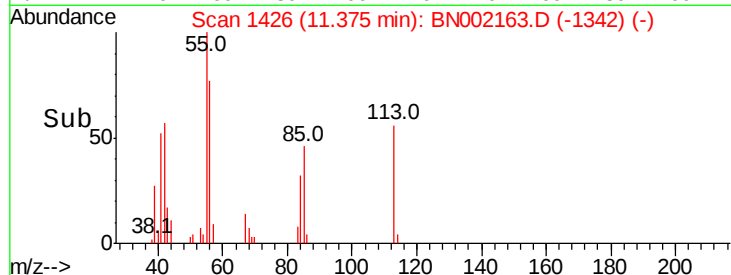
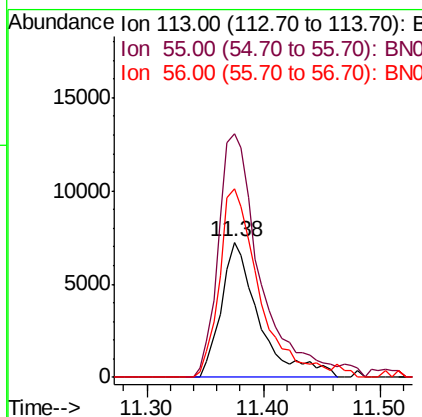
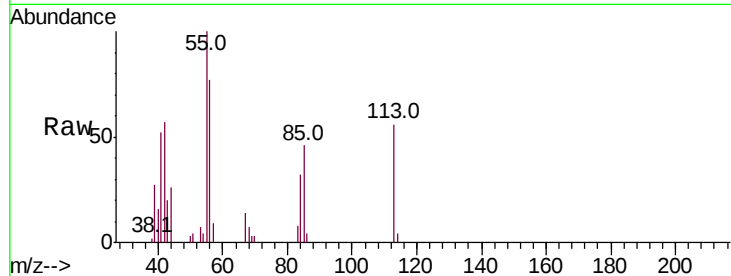
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	113	Resp:	16317
Ion Ratio	Lower	Upper	
113	100		
55	180.1	120.0	160.0#
56	139.6	90.0	130.0#

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#36

4-Chloro-3-methylphenol

Concen: 4.202 ng/mL

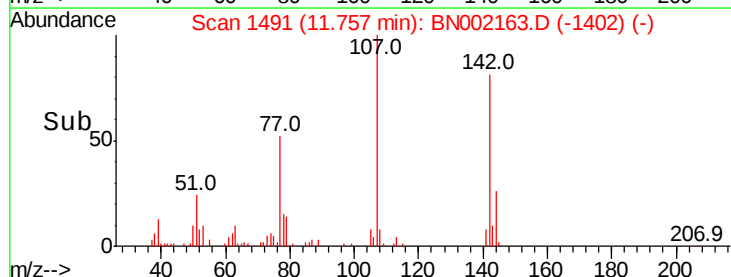
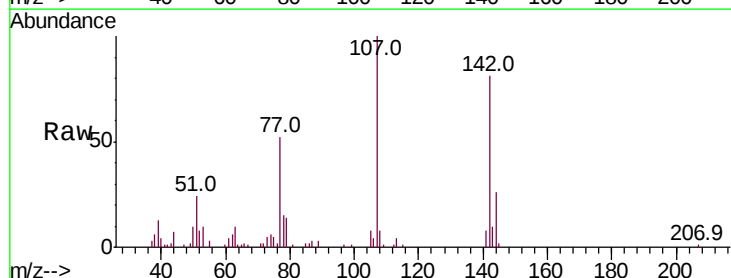
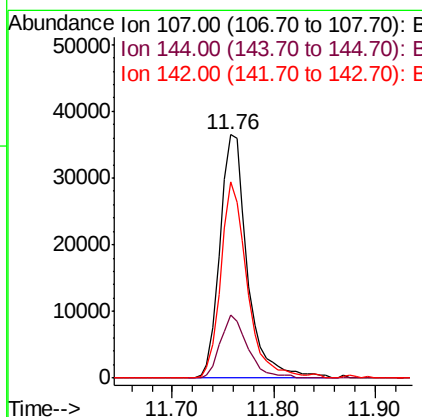
RT: 11.76 min Scan# 1491

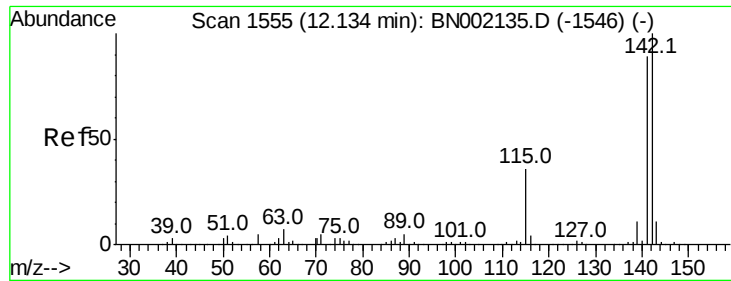
Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:	107	Resp:	68852
Ion Ratio	Lower	Upper	
107	100		
144	26.2	18.2	27.4
142	80.8	59.0	88.4





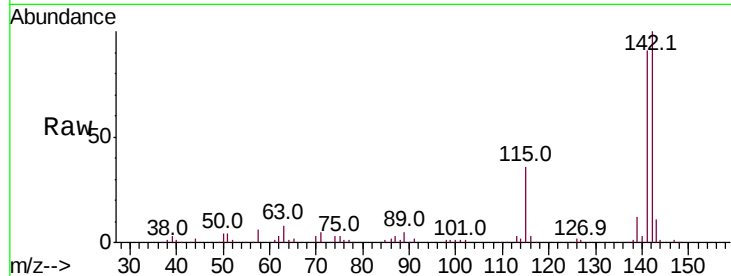
#37
2-Methylnaphthalene
Concen: 5.174 ng
RT: 12.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	36.3	30.7	46.1

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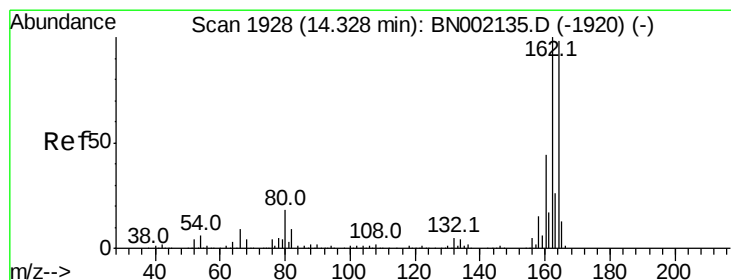
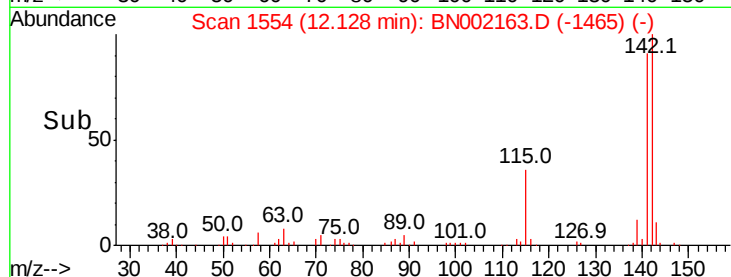
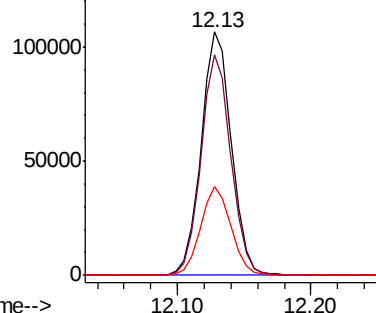


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

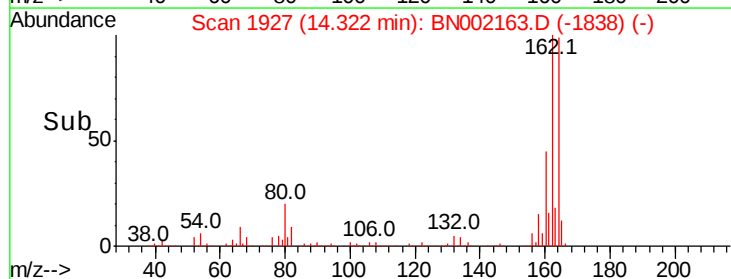
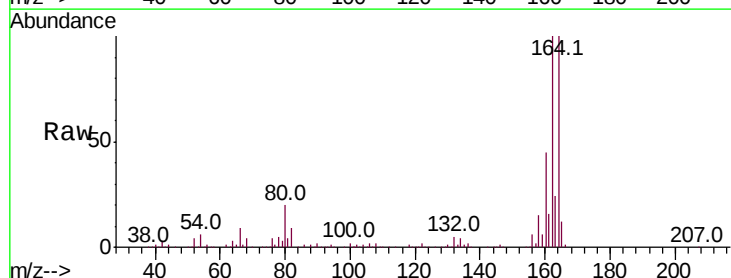
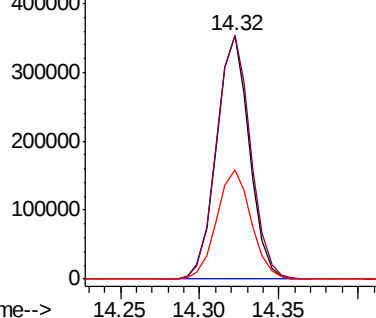
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	45.0	35.4	53.0

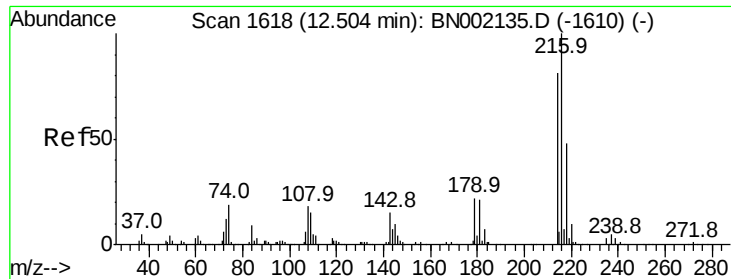
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





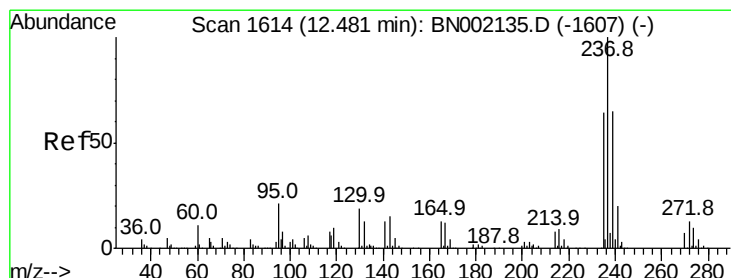
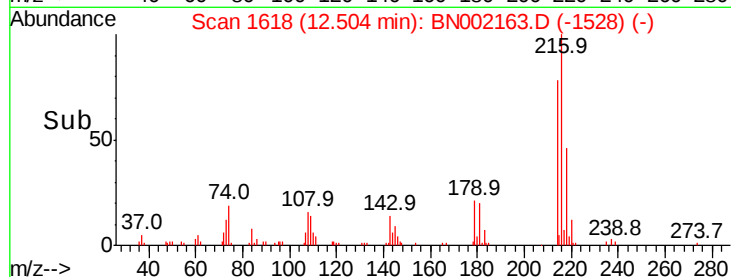
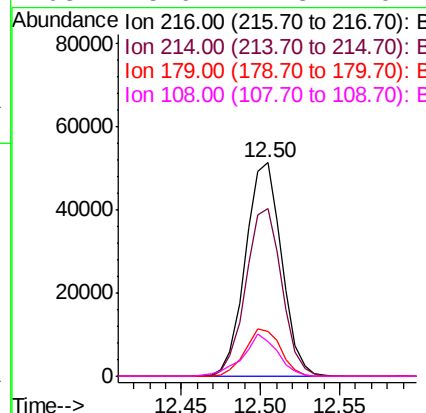
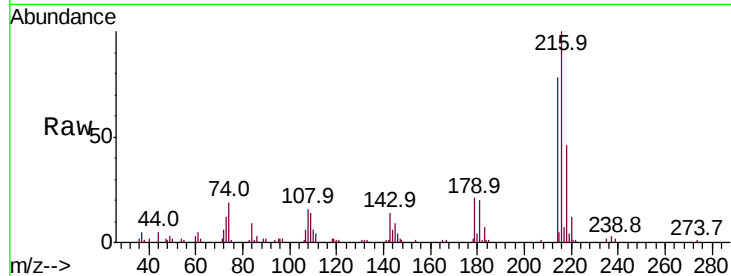
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.785 ng
 RT: 12.50 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.8	63.0	94.4
179	21.8	17.0	25.6
108	18.9	12.8	19.2

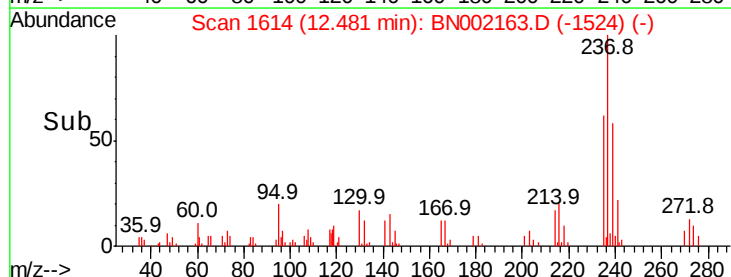
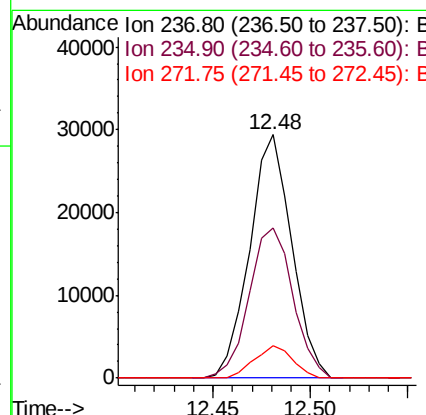
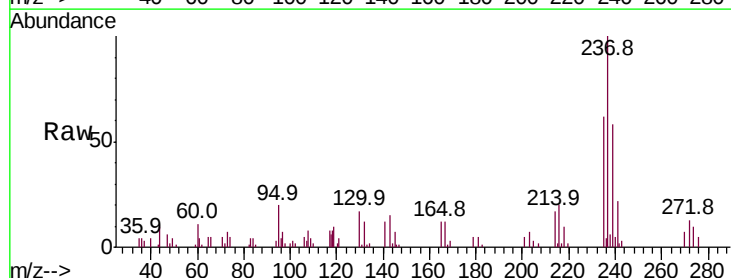
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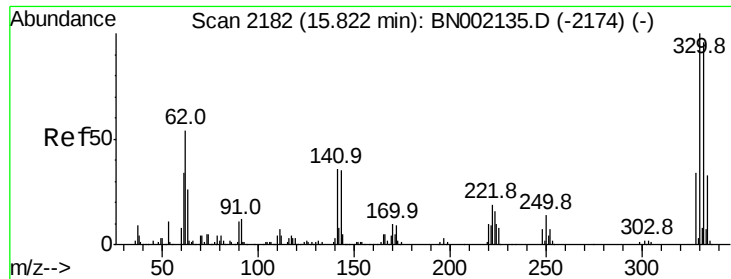
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 4.547 ng
 RT: 12.48 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	50.4	90.4
272	13.4	0.0	31.8





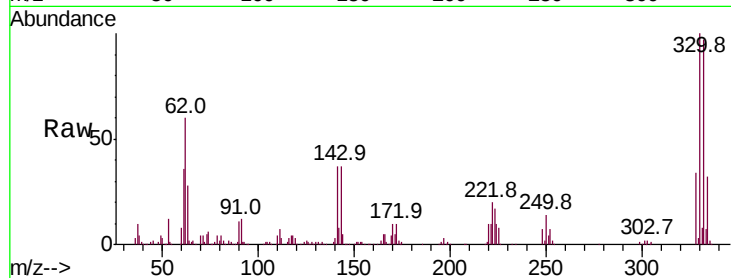
#41
 2,4,6-Tribromophenol
 Concen: 121.003 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

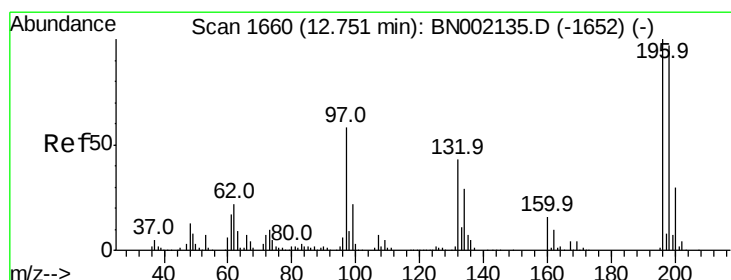
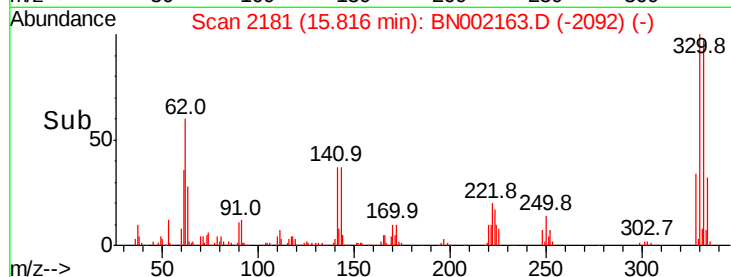
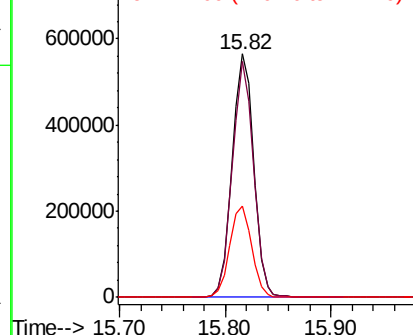
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.1	25.2	37.8#

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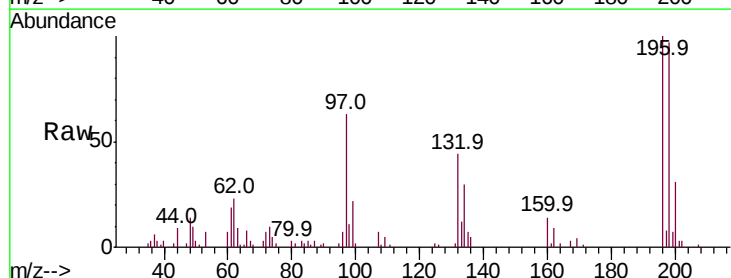


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

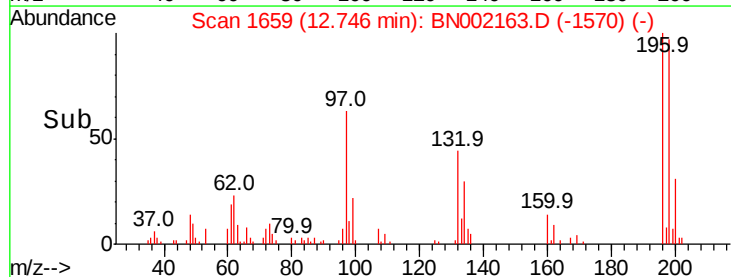
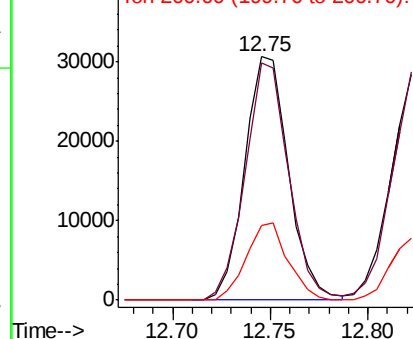


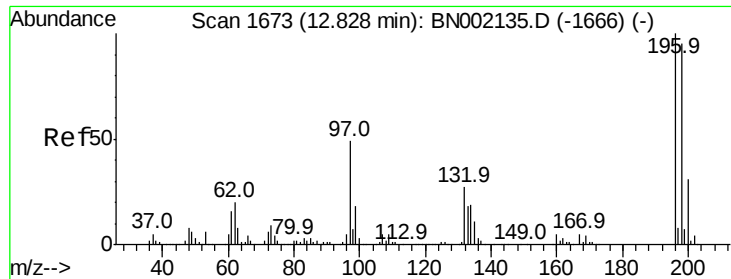
#42
 2,4,6-Trichlorophenol
 Concen: 4.177 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.2
200	30.9	24.6	36.8



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





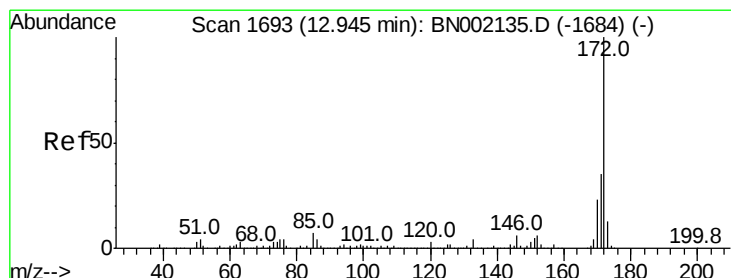
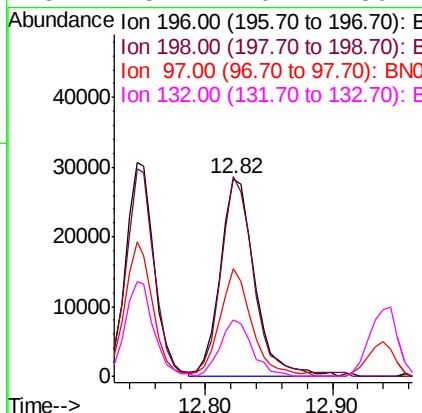
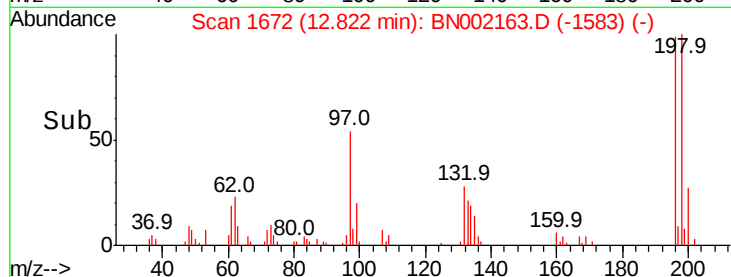
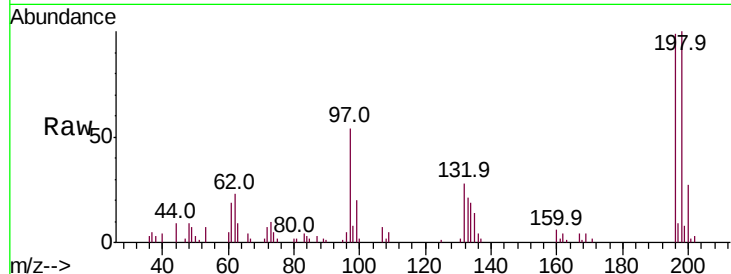
#43
 2,4,5-Trichlorophenol
 Concen: 4.413 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion:	196	Resp:	53448
Ion Ratio	Lower	Upper	
196	100		
198	101.0	76.2	114.4
97	54.2	38.7	58.1
132	28.4	20.2	30.2

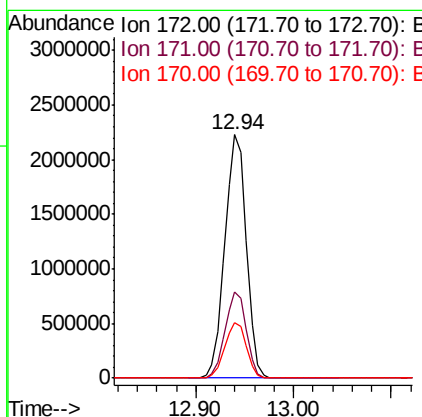
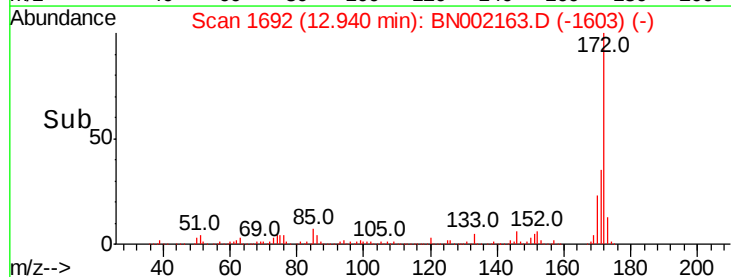
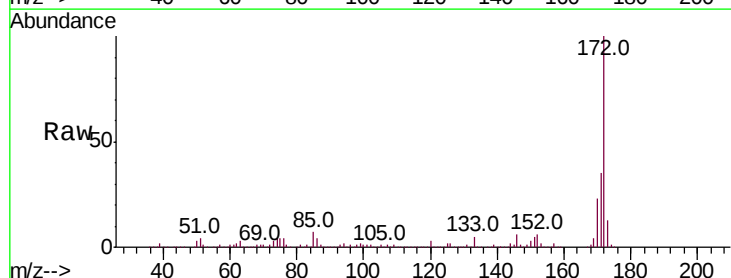
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#44
 2-Fluorobiphenyl
 Concen: 86.852 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion:	172	Resp:	3379733
Ion Ratio	Lower	Upper	
172	100		
171	35.4	30.0	45.0
170	23.0	19.5	29.3





#45

1,1'-Biphenyl

Concen: 4.783 ng

RT: 13.15 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

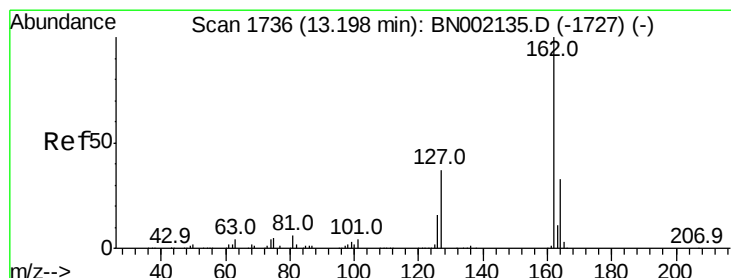
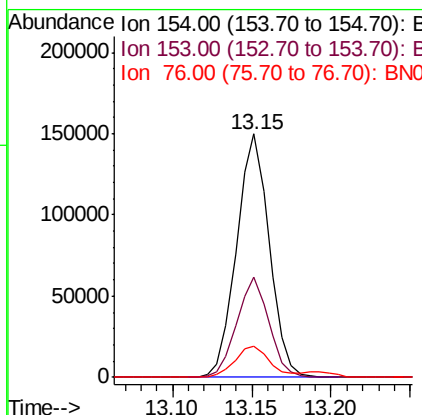
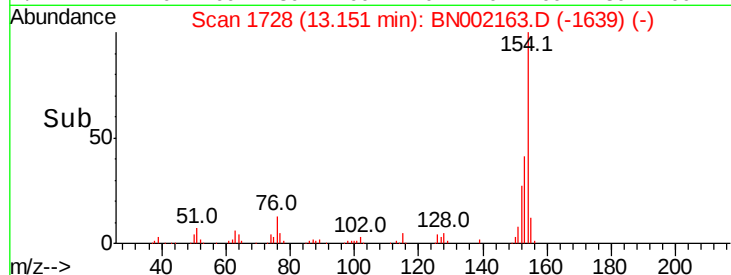
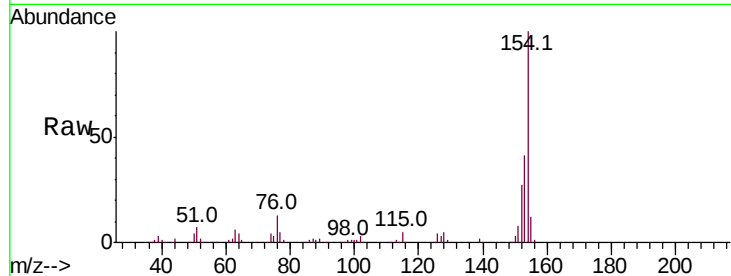
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	154	Resp:	213345
Ion Ratio	Lower	Upper	
154	100		
153	41.1	19.8	59.8
76	12.7	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 4.722 ng

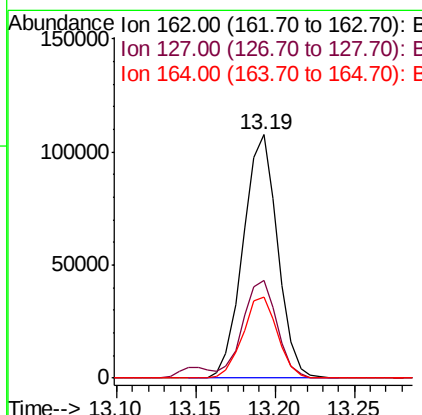
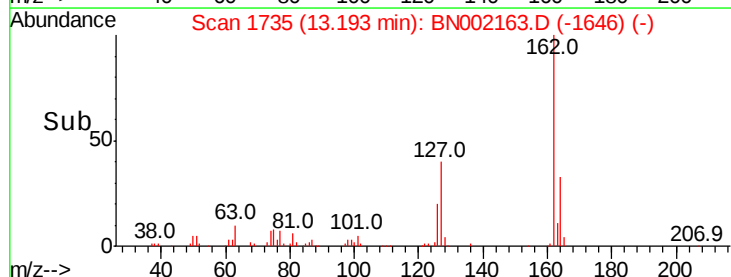
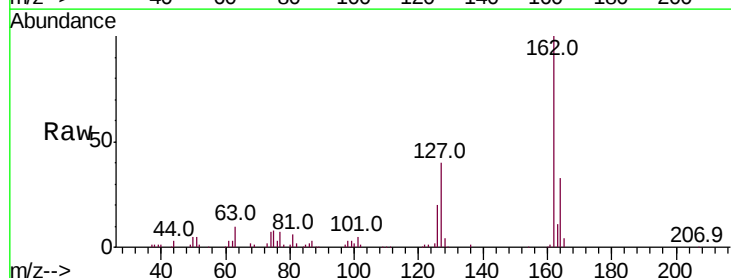
RT: 13.19 min Scan# 1735

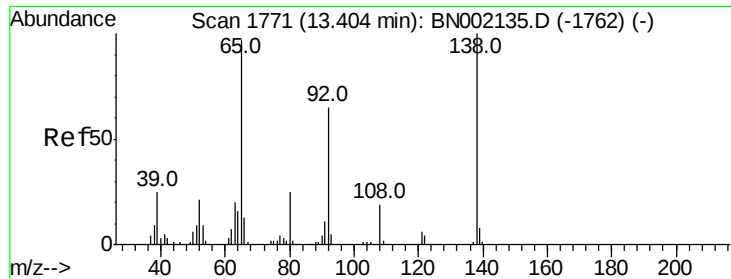
Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:	162	Resp:	162552
Ion Ratio	Lower	Upper	
162	100		
127	40.3	30.7	46.1
164	33.2	26.0	39.0





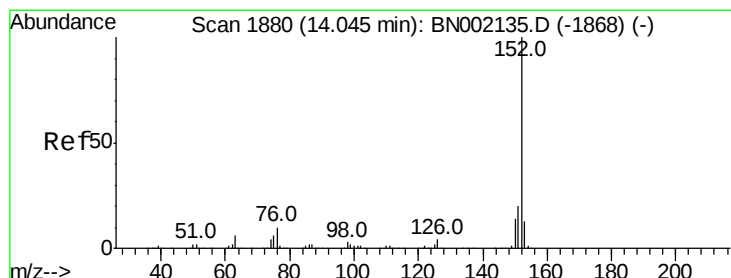
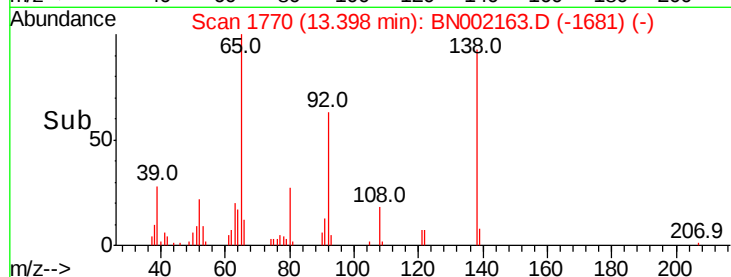
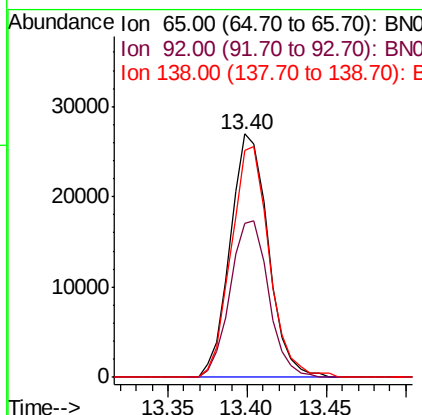
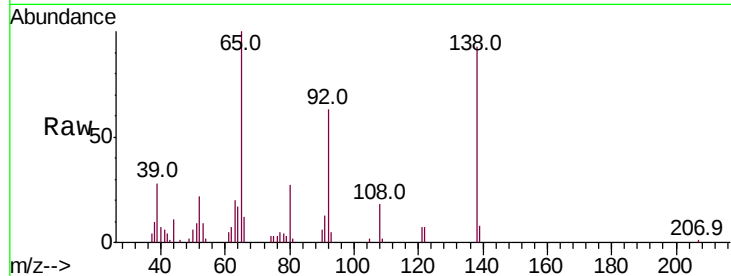
#47
2-Nitroaniline
Concen: 4.055 ng
RT: 13.40 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion: 65 Resp: 44916
Ion Ratio Lower Upper
65 100
92 63.1 54.6 82.0
138 93.0 72.9 109.3

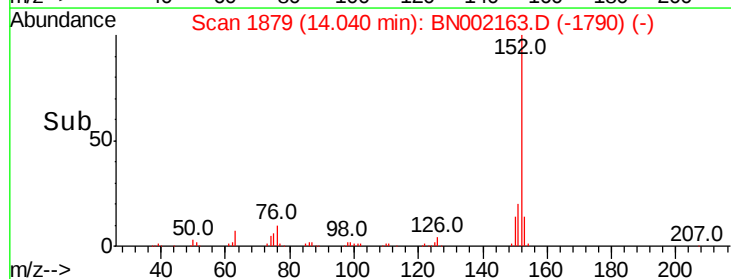
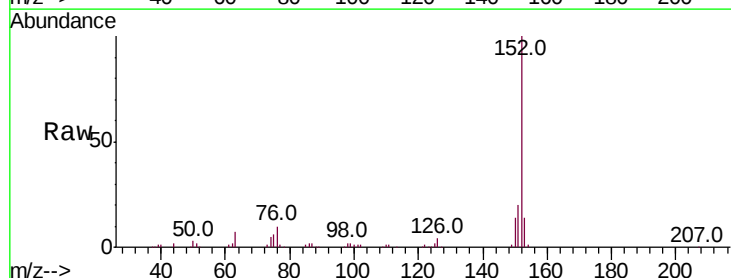
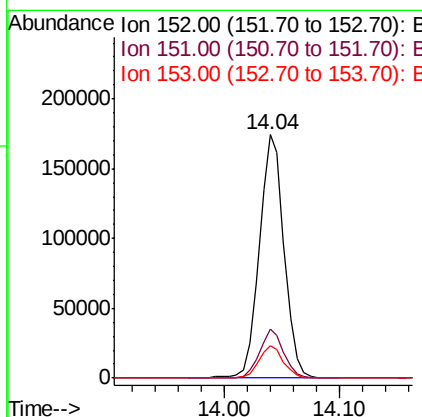
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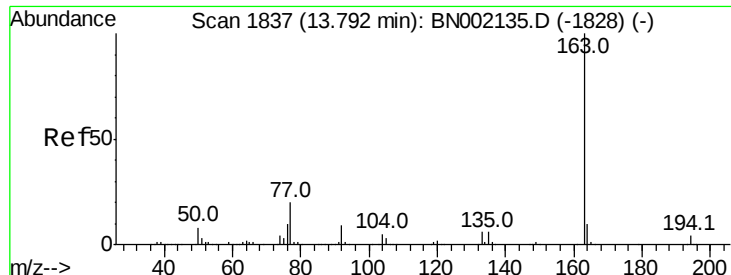
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#48
Acenaphthylene
Concen: 4.970 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion: 152 Resp: 259654
Ion Ratio Lower Upper
152 100
151 20.3 17.2 25.8
153 13.6 10.2 15.4





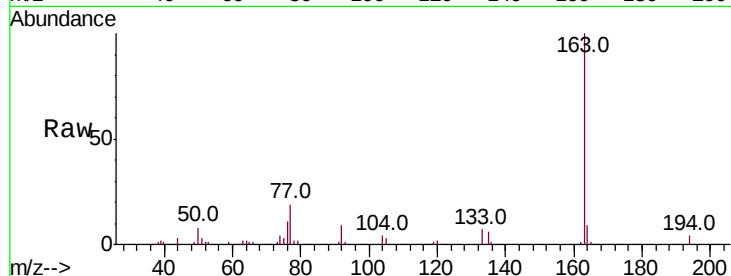
#49
Dimethylphthalate
Concen: 4.719 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
163	100	198665		
194	3.9		3.4	5.2
164	9.3		8.2	12.4

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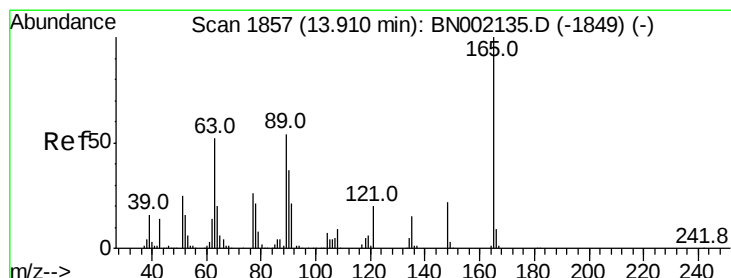
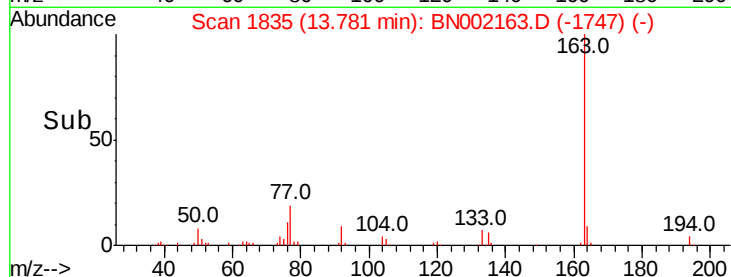
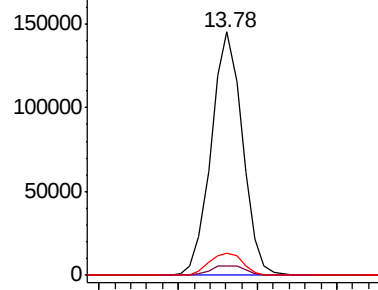


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 4.381 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

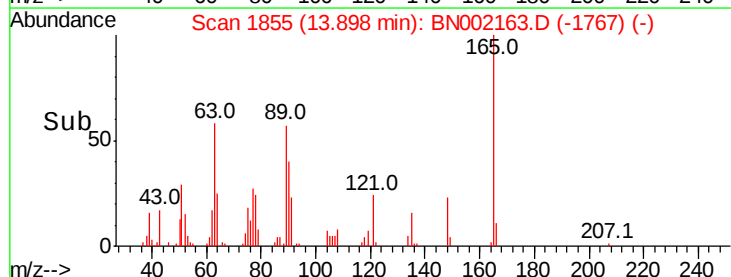
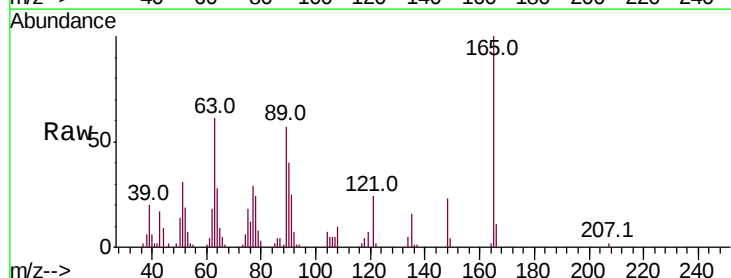
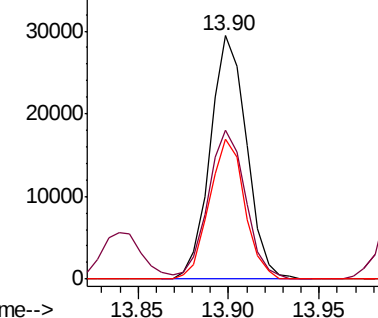
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40976		
63	61.2		52.7	79.1
89	57.4		49.2	73.8

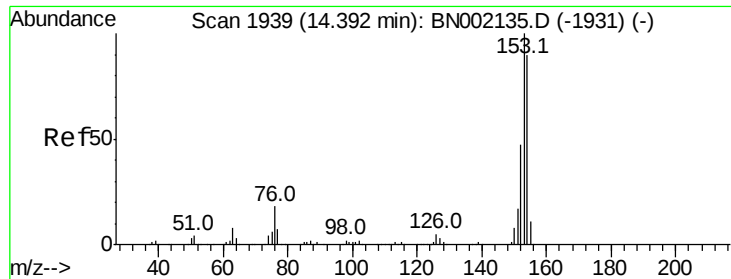
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 4.919 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

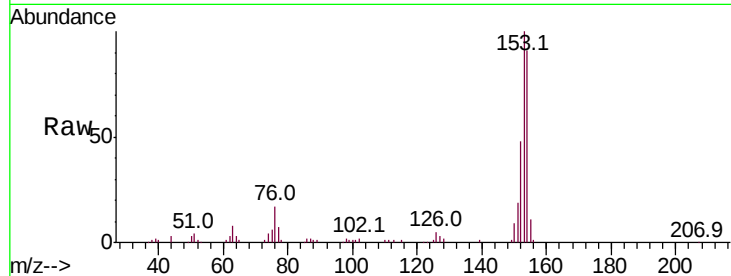
ClientSampleId :

MDL-WATER-03-QT3-2018

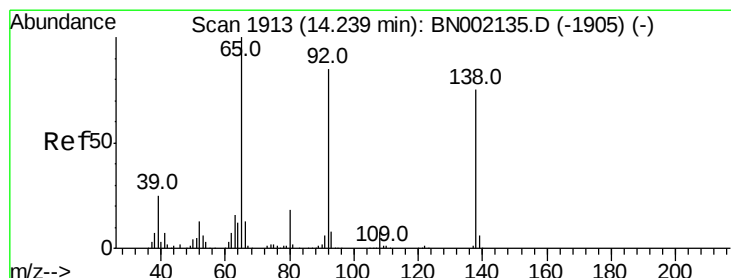
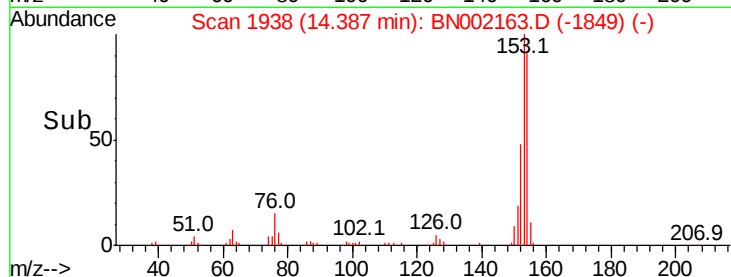
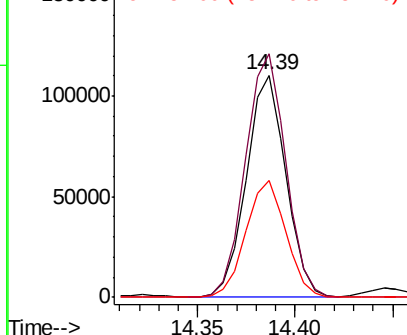
Tot Ion:	154	Resp:	154785
Ion Ratio	Lower	Upper	
154	100		
153	109.6	90.4	135.6
152	52.7	41.6	62.4

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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



#52

3-Nitroaniline

Concen: 3.314 ng

RT: 14.23 min Scan# 1912

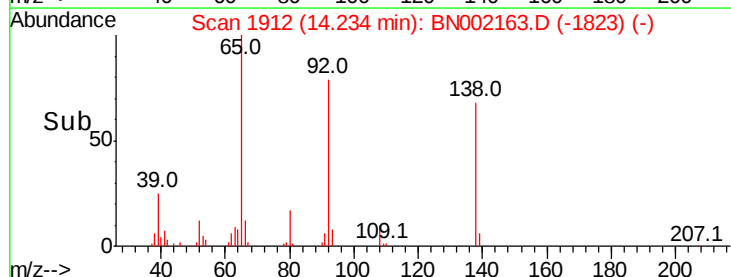
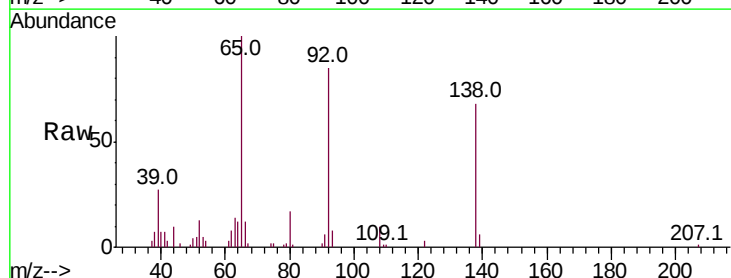
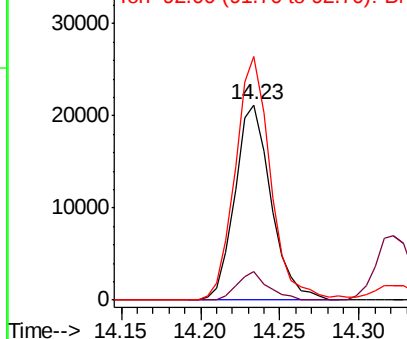
Delta R.T. -0.01 min

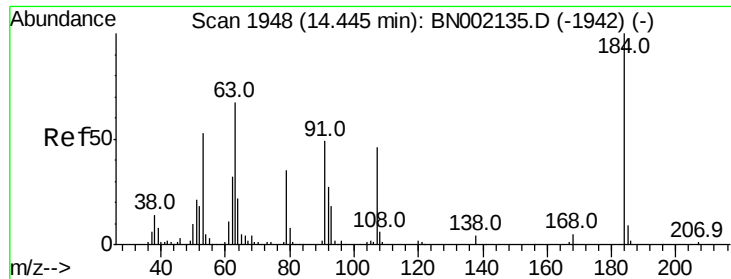
Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:	138	Resp:	33591
Ion Ratio	Lower	Upper	
138	100		
108	14.4	17.5	26.3#
92	124.5	105.8	158.8

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): BNO





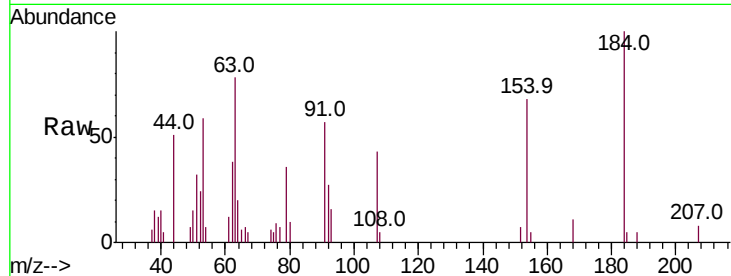
#53
2,4-Dinitrophenol
Concen: 2.447 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

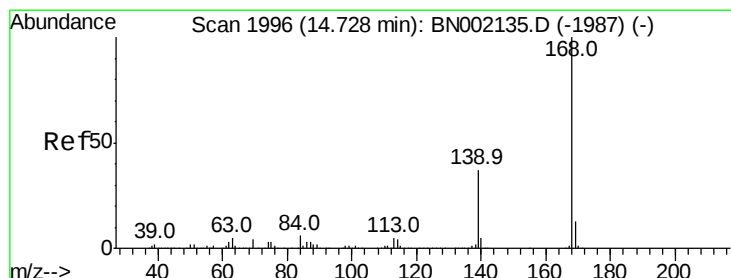
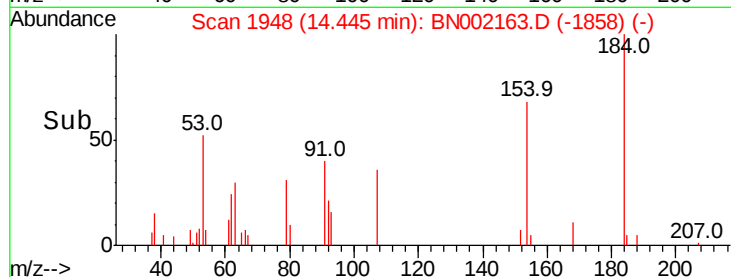
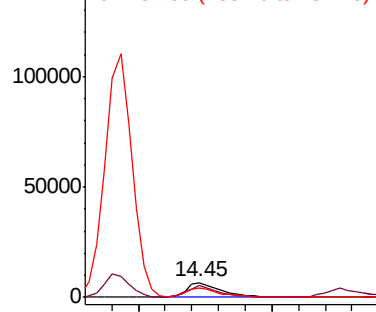
Tot Ion	Ratio	Lower	Upper
184	100		
63	77.8	56.0	84.0
154	67.6	48.0	72.0

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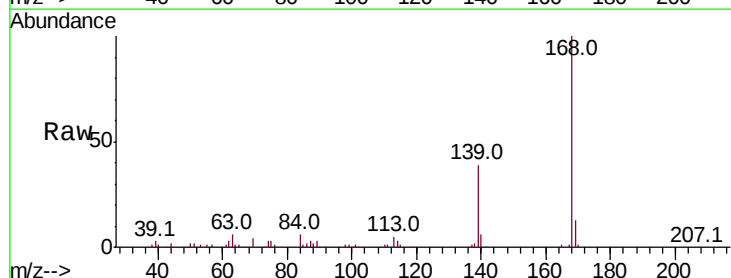


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 154.00 (153.70 to 154.70): E

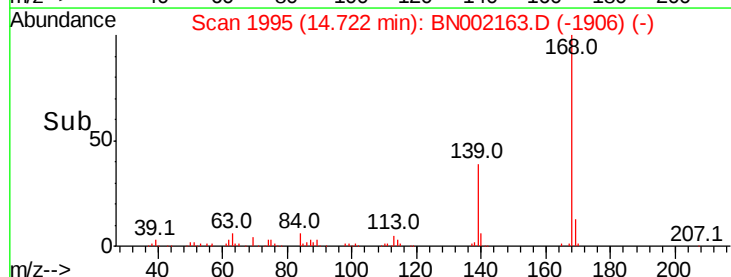
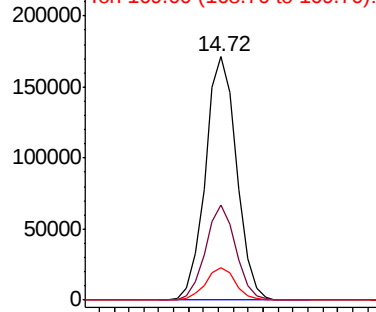


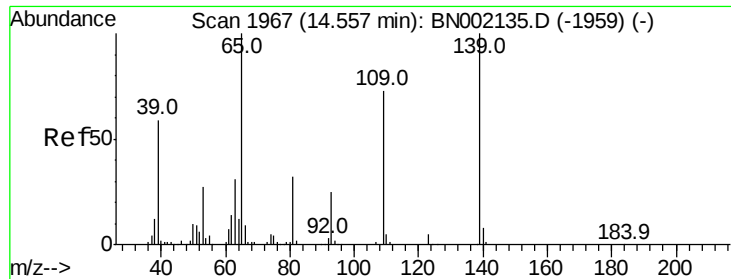
#54
Dibenzofuran
Concen: 4.881 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	28.6	43.0
169	13.3	11.2	16.8



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





#55

4-Nitrophenol

Concen: 3.495 ng

RT: 14.55 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

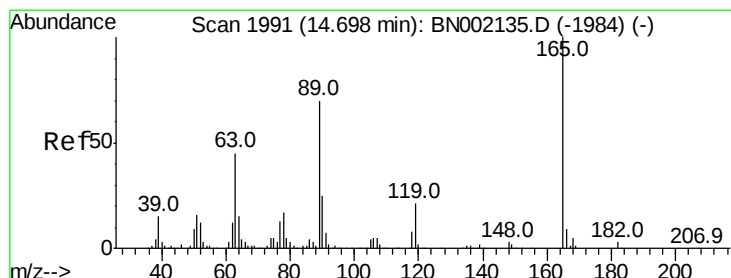
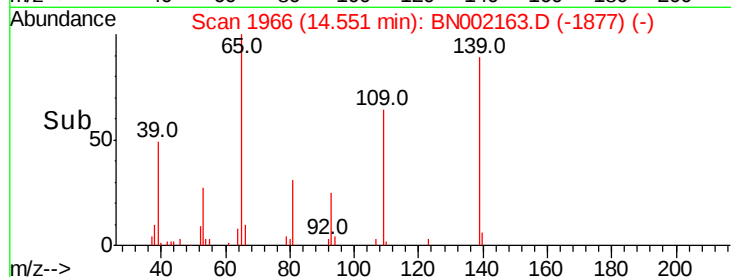
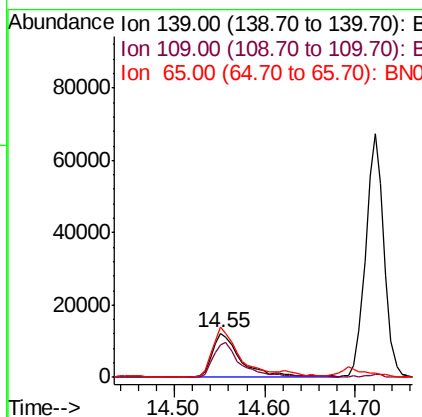
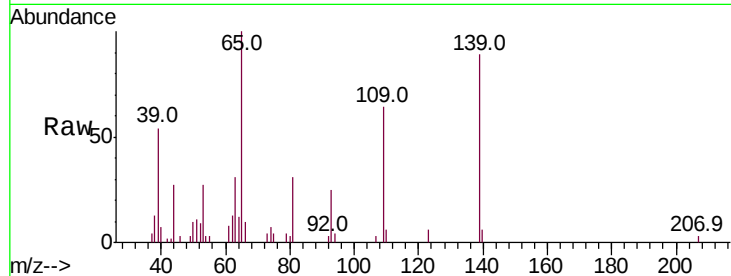
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.0	62.2	102.2
65	111.9	97.2	137.2

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#56

2,4-Dinitrotoluene

Concen: 4.151 ng

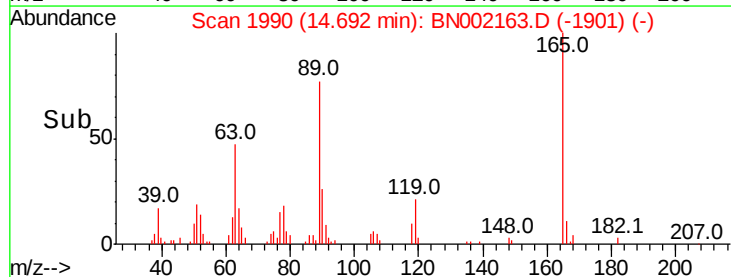
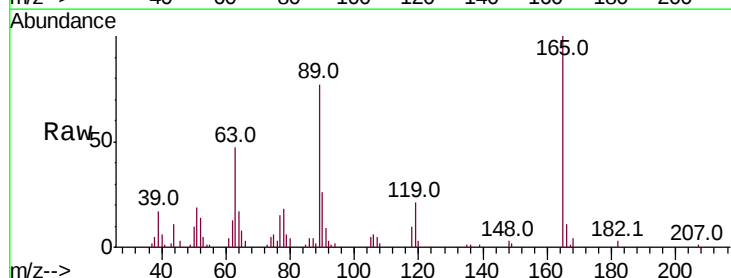
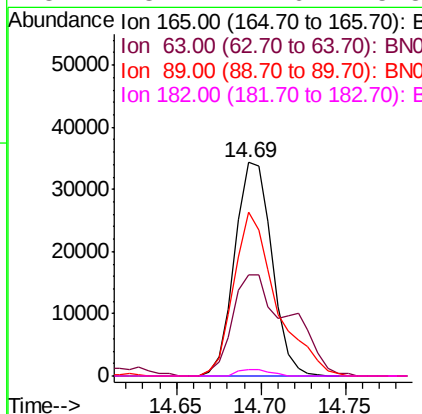
RT: 14.69 min Scan# 1990

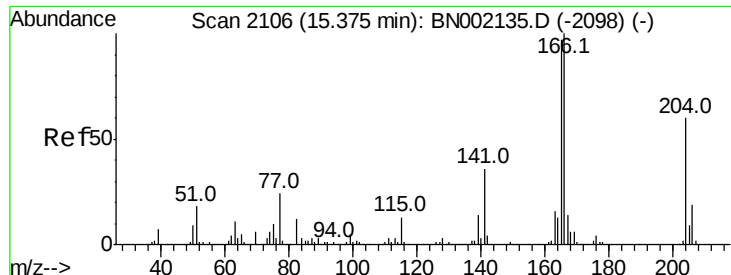
Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	42.0	63.0
89	77.0	66.9	100.3
182	3.1	2.6	3.8





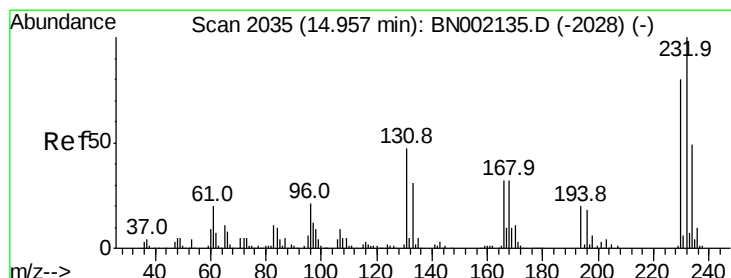
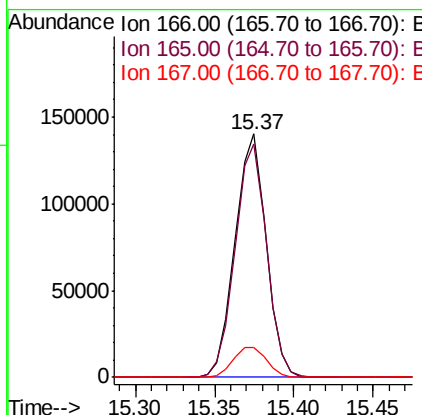
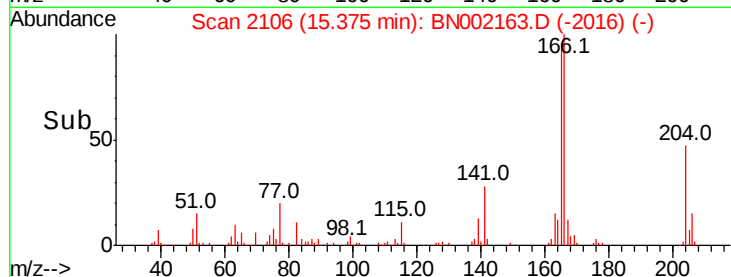
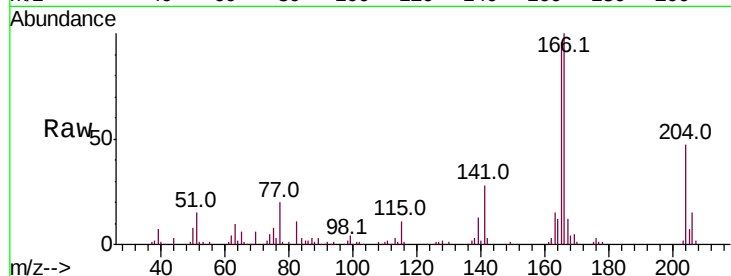
#57
Fluorene
 Concen: 4.971 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
166	100	191150		
165	95.6	80.6	121.0	
167	12.4	10.4	15.6	

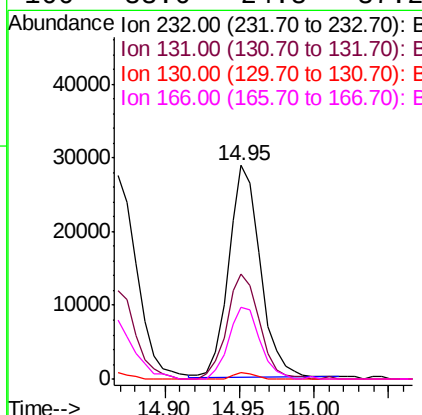
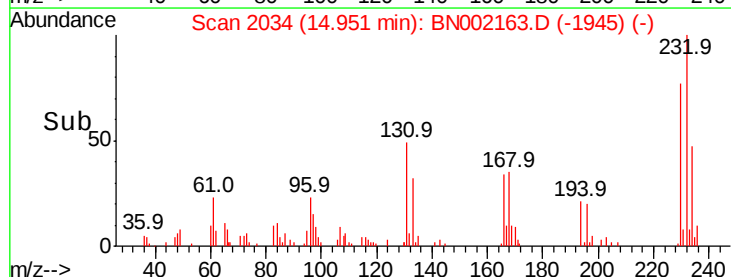
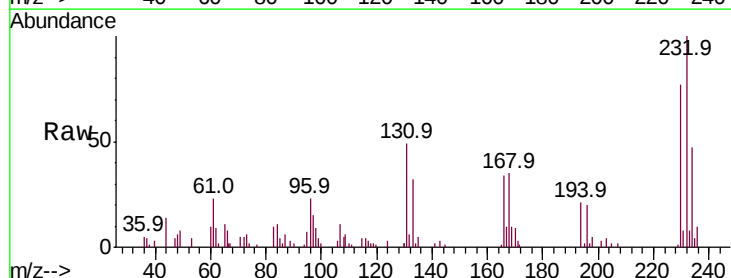
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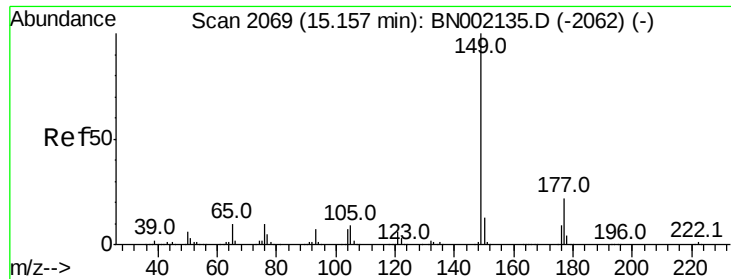
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 4.112 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	42840		
131	51.0	33.5	50.3#	
130	2.1	2.2	3.2#	
166	33.6	24.8	37.2	





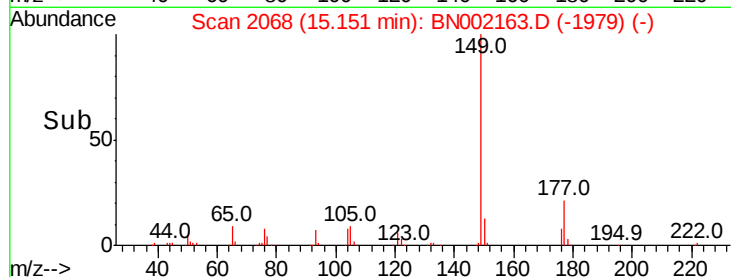
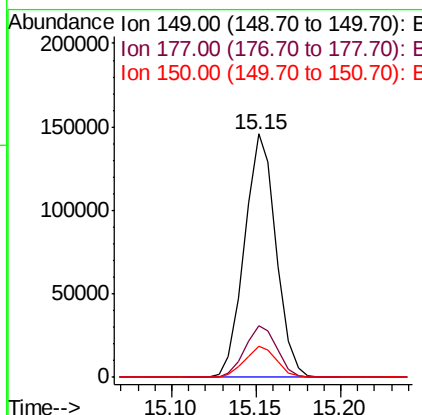
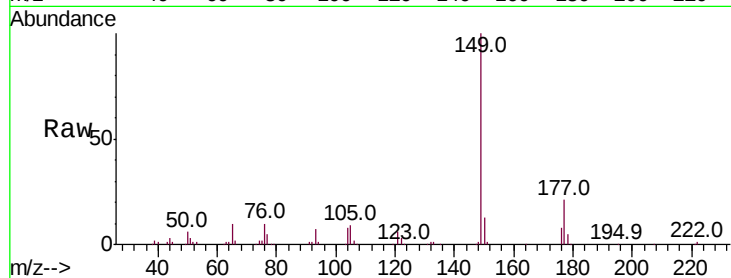
#59
Diethylphthalate
Concen: 4.415 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	189197		
177	21.1	18.5	27.7	
150	12.9	10.2	15.2	

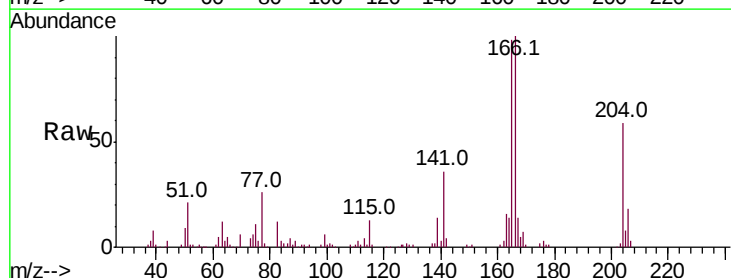
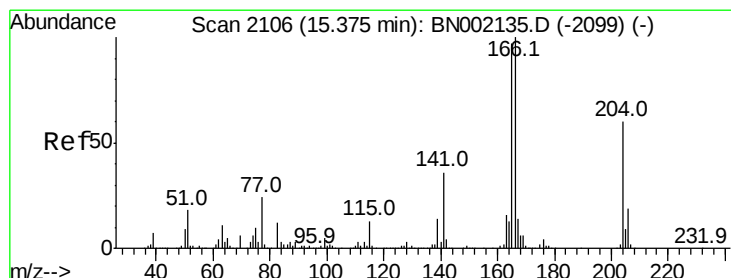
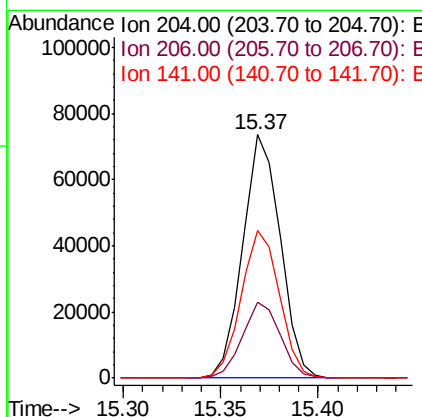
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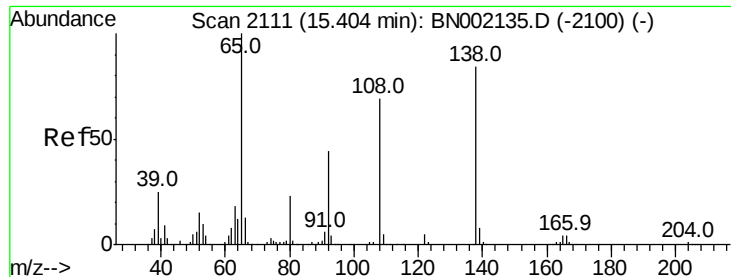
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 4.628 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	98482		
206	31.0	26.2	39.2	
141	60.8	45.8	68.6	





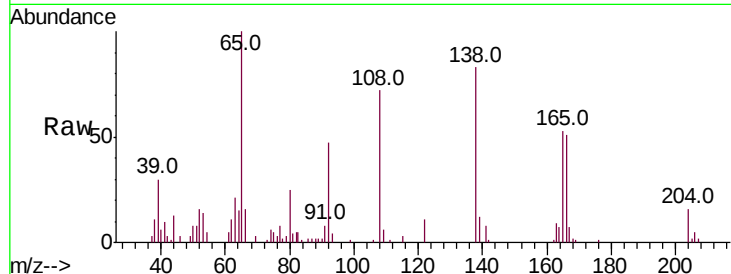
#61
4-Nitroaniline
Concen: 3.585 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.1	40.1	80.1
108	87.3	65.4	105.4

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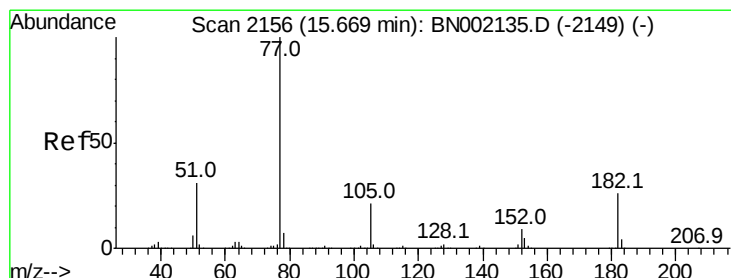
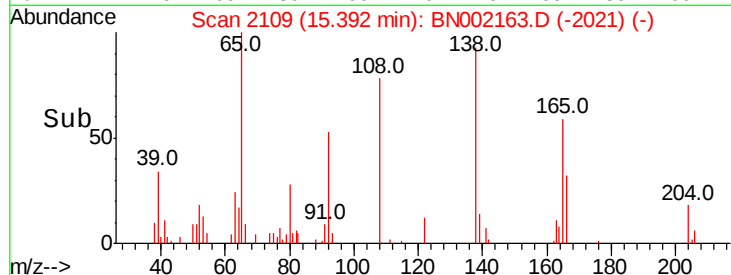
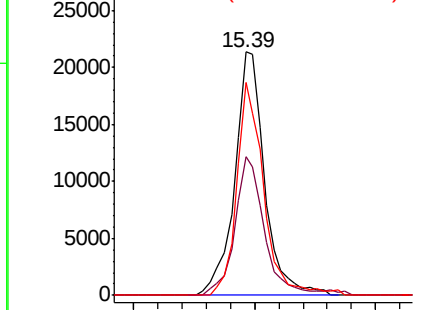


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): B

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 4.564 ng
RT: 15.66 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	7.4	47.4
105	20.4	0.3	40.3
51	30.1	11.6	51.6

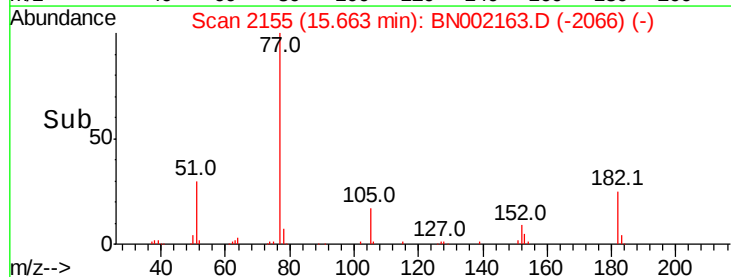
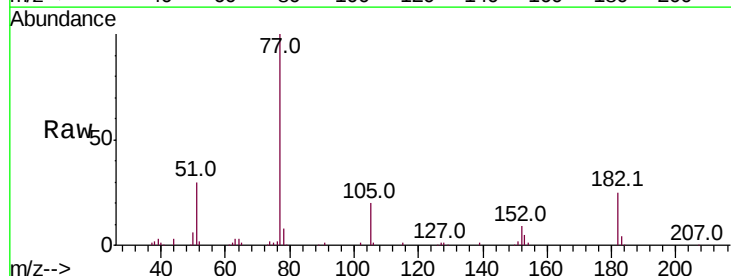
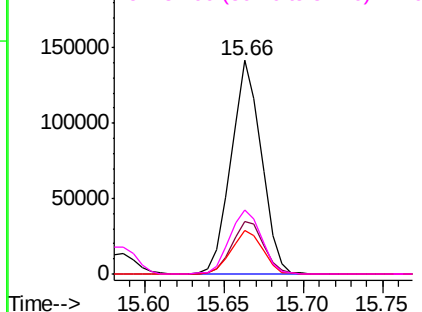
Abundance

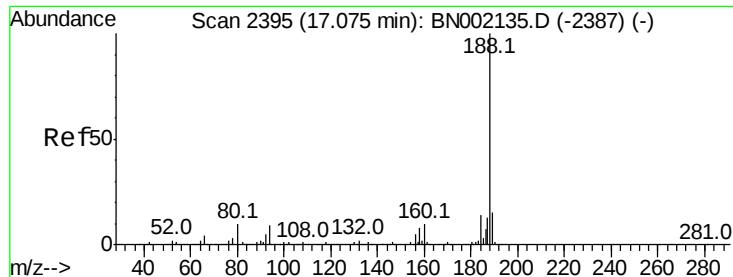
Ion 77.00 (76.70 to 77.70): B

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): B





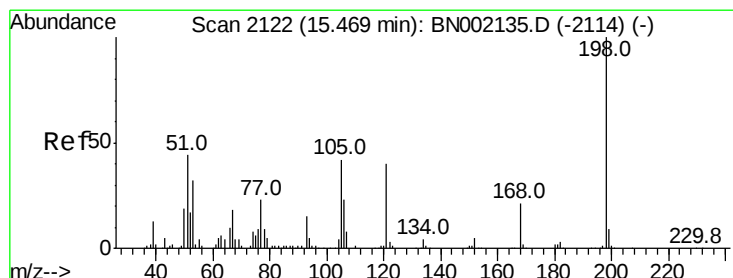
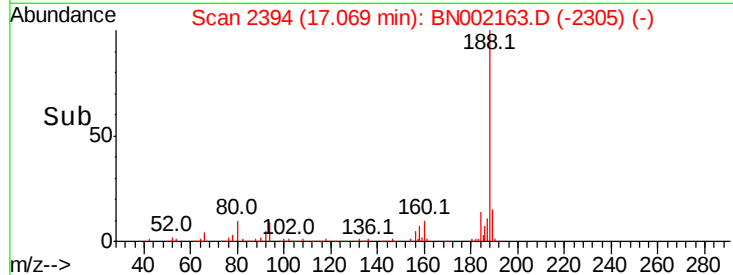
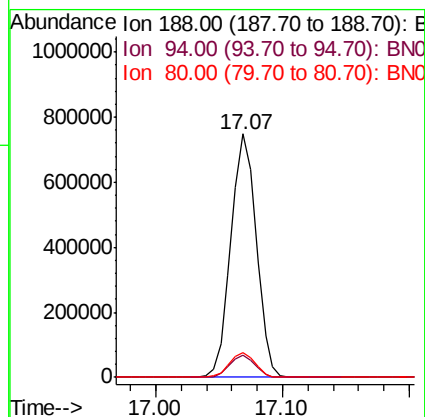
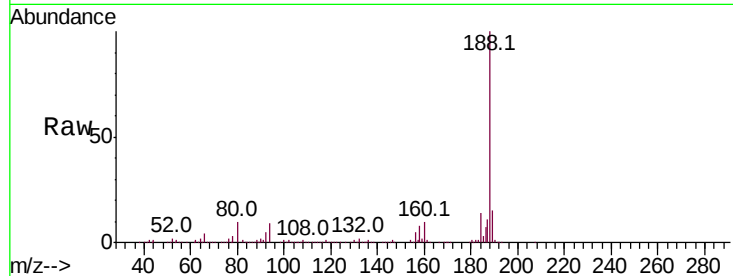
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.0	7.7	11.5

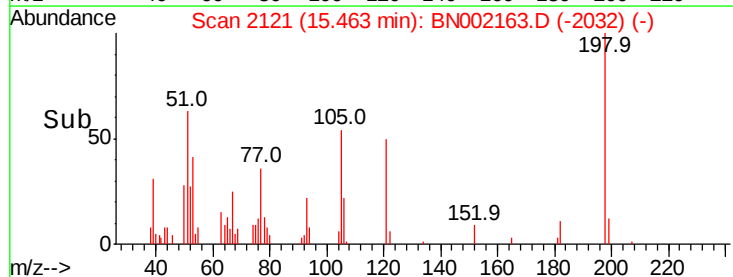
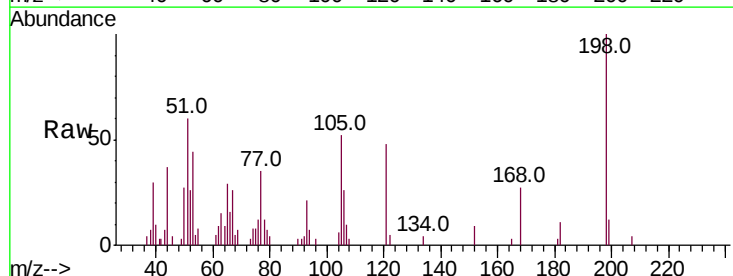
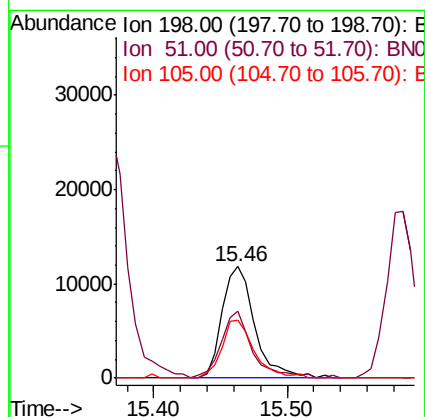
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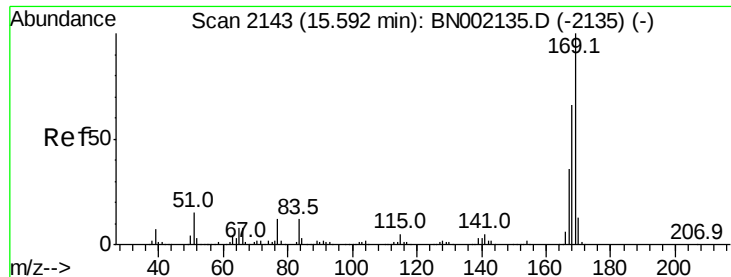
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#64
4,6-Dinitro-2-methylphenol
Concen: 2.909 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
198	100		
51	60.2	30.6	70.6
105	51.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 4.609 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

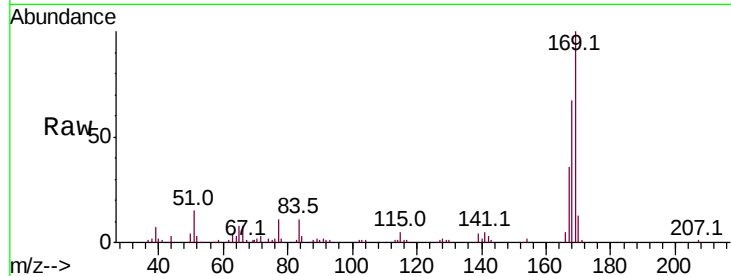
ClientSampleId :

MDL-WATER-03-QT3-2018

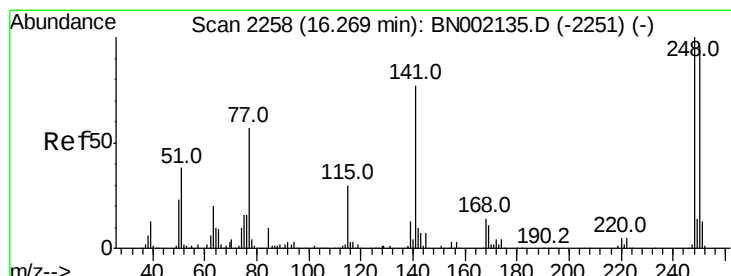
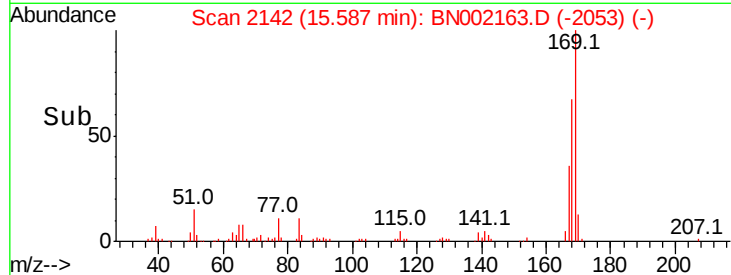
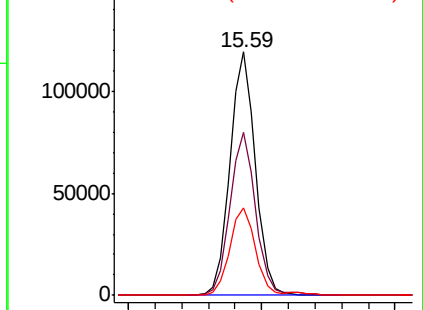
Tot Ion:	169	Resp:	158715
Ion Ratio	Lower	Upper	
169	100		
168	67.1	55.7	83.5
167	36.0	30.1	45.1

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



#66

4-Bromophenyl-phenylether

Concen: 4.723 ng

RT: 16.26 min Scan# 2257

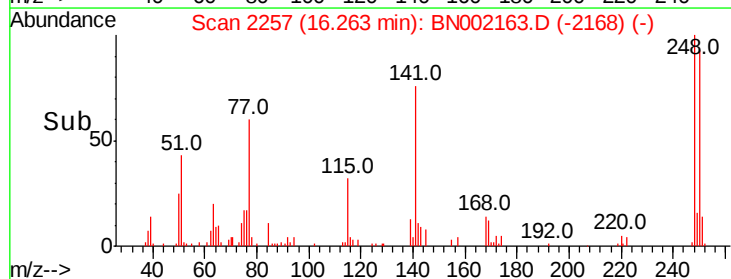
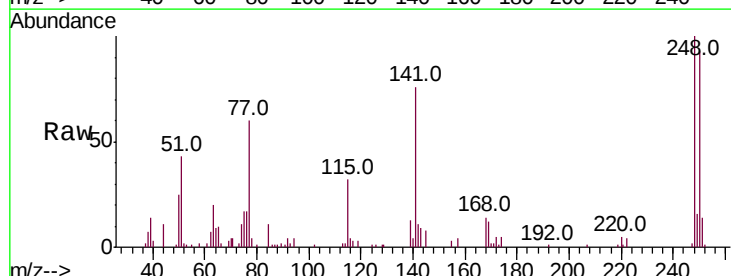
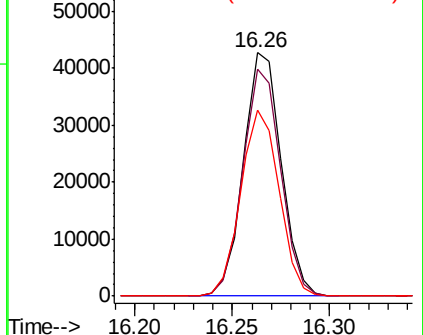
Delta R.T. -0.01 min

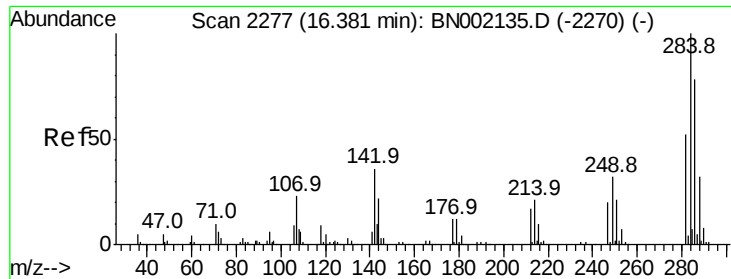
Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:	248	Resp:	57384
Ion Ratio	Lower	Upper	
248	100		
250	93.4	77.1	115.7
141	76.2	50.8	76.2#

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





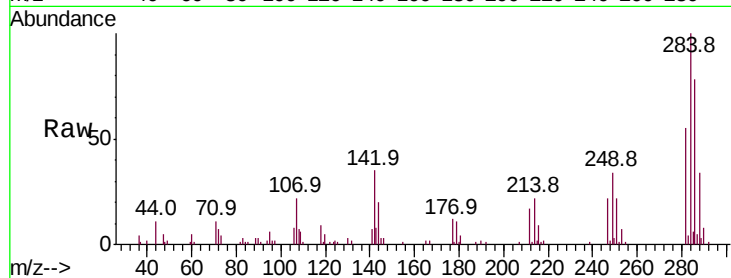
#67
Hexachlorobenzene
Concen: 4.625 ng
RT: 16.38 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

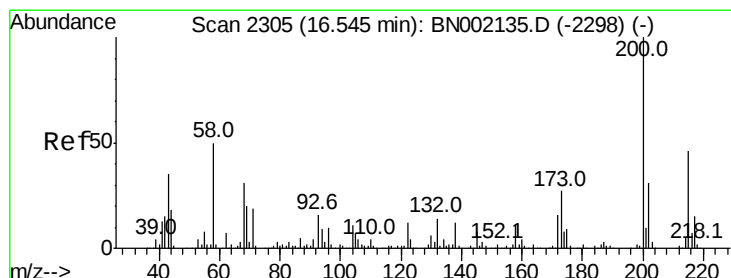
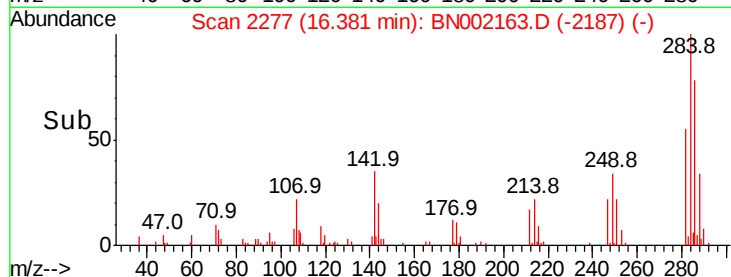
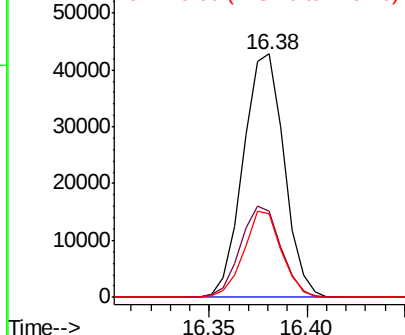
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.2	26.8	40.2
249	37.0	26.3	39.5

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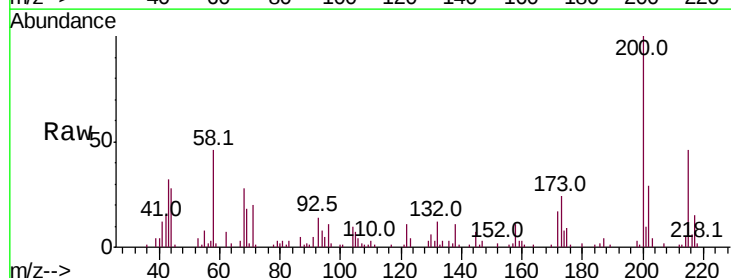


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

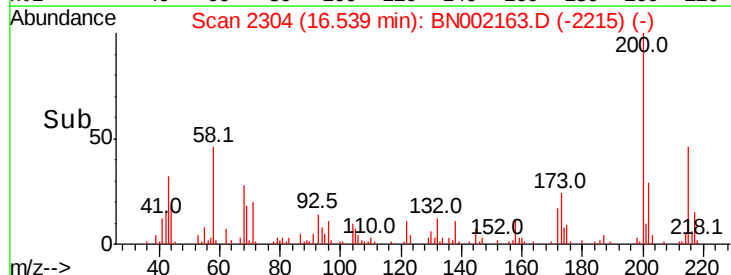
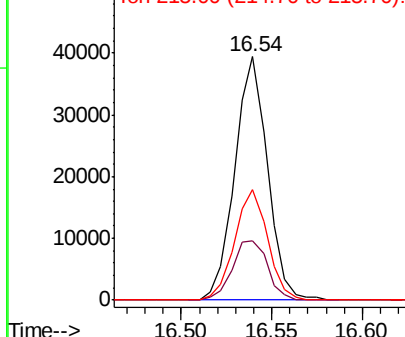


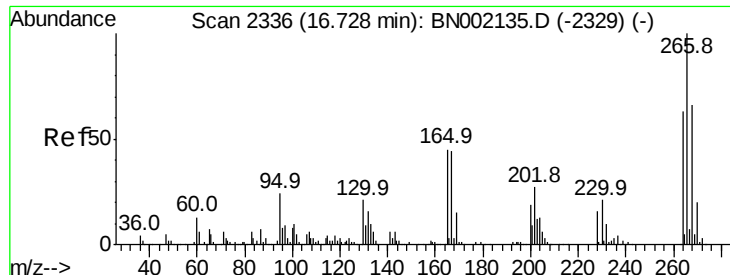
#68
Atrazine
Concen: 4.258 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.2	45.2
215	45.5	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





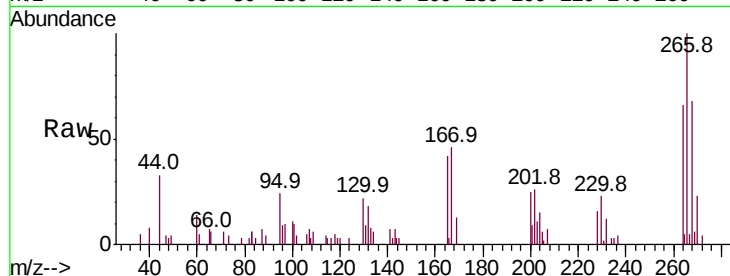
#69
 Pentachlorophenol
 Concen: 2.499 ng
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

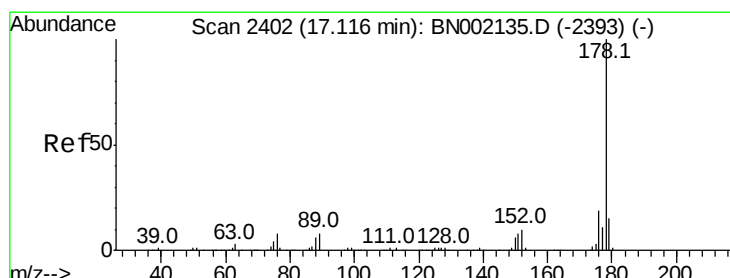
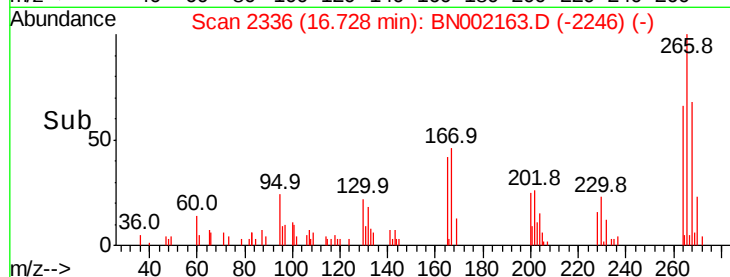
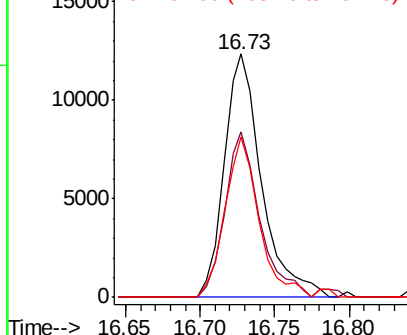
Tot Ion	Ratio	Lower	Upper
266	100		
268	74.1	51.1	76.7
264	65.9	49.6	74.4

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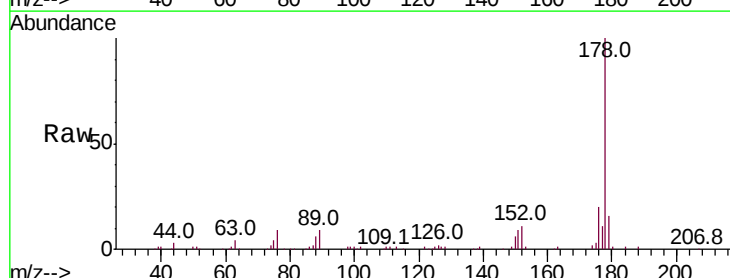


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

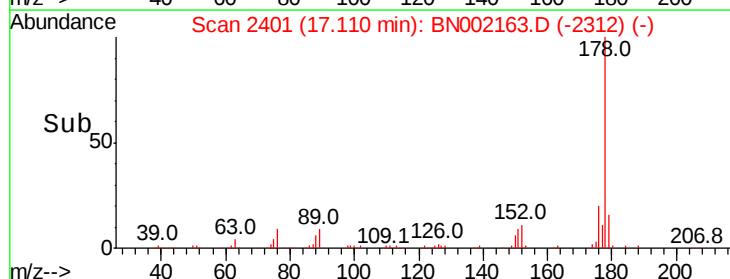
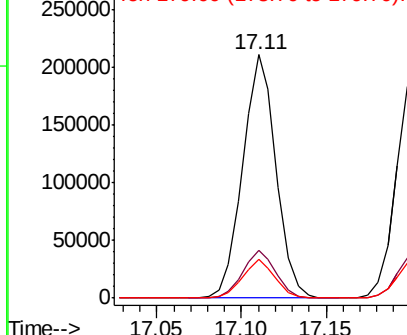


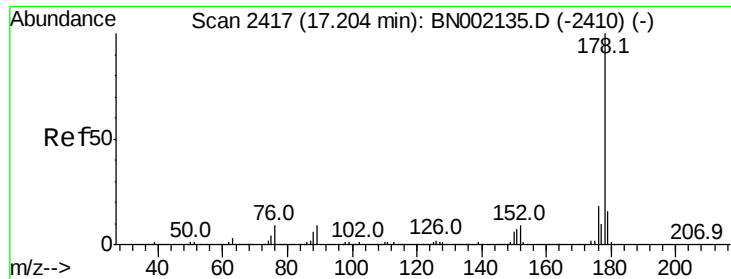
#70
 Phenanthrene
 Concen: 5.101 ng
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.9	12.5	18.7



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





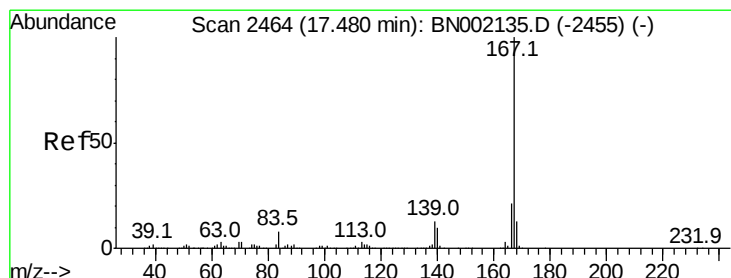
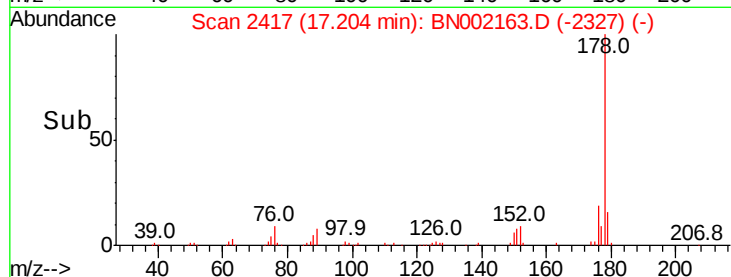
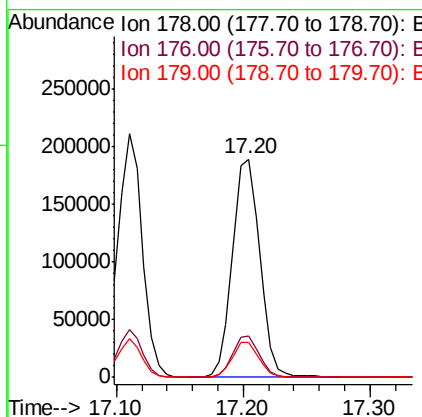
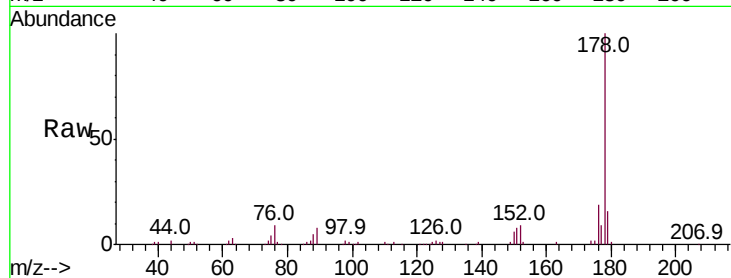
#71
 Anthracene
 Concen: 5.027 ng
 RT: 17.20 min Scan# 2417
 Delta R.T. 0.00 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.9	12.5	18.7

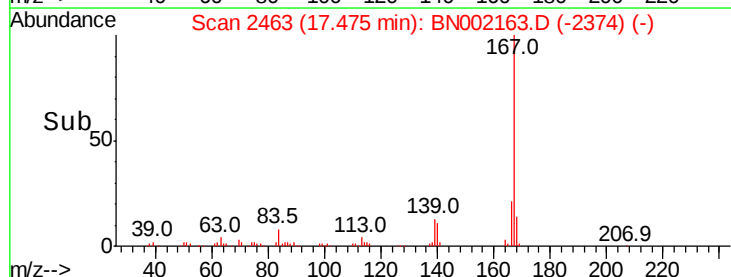
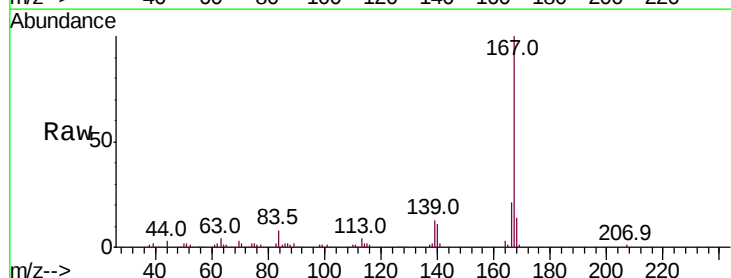
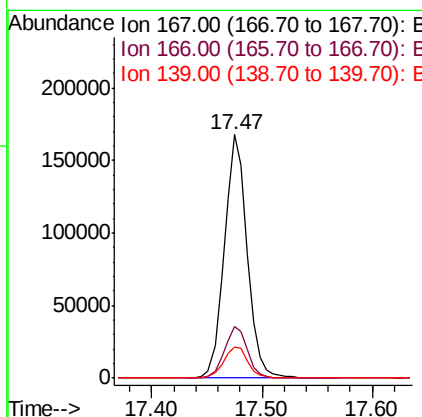
Manual Integrations
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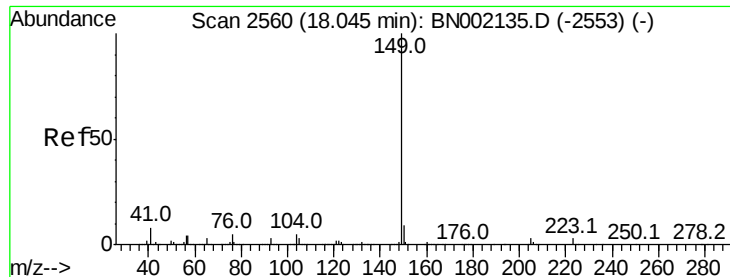
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#72
 Carbazole
 Concen: 4.314 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.4
139	13.0	9.4	14.2





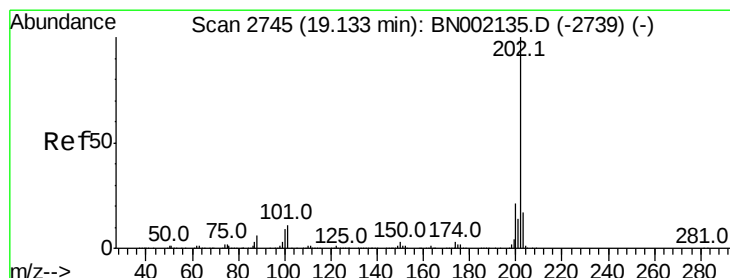
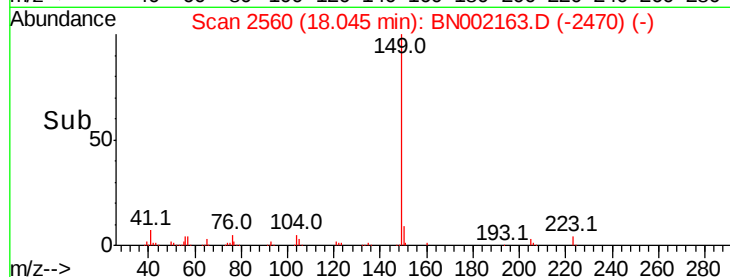
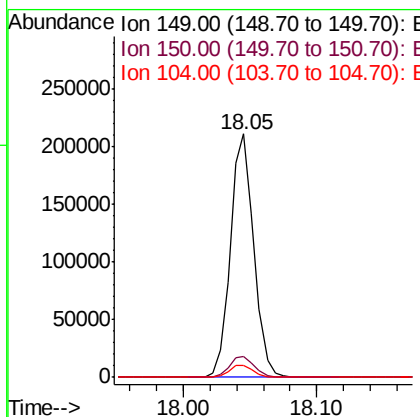
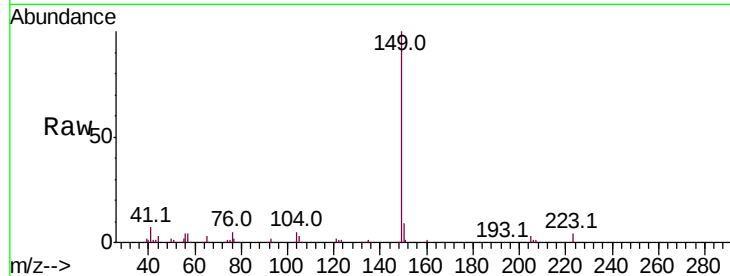
#73
Di-n-butylphthalate
Concen: 3.925 ng
RT: 18.05 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	257585		
150	8.7		7.8	11.6
104	4.8		3.9	5.9

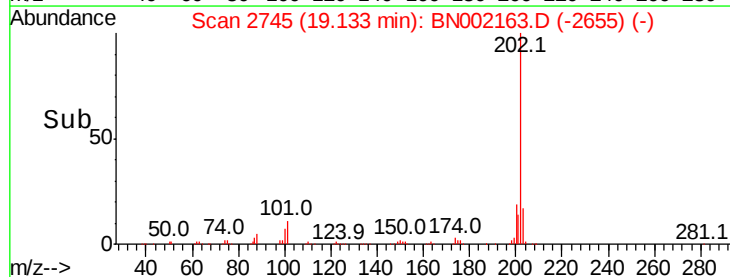
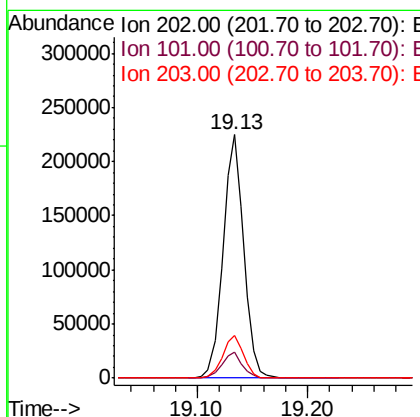
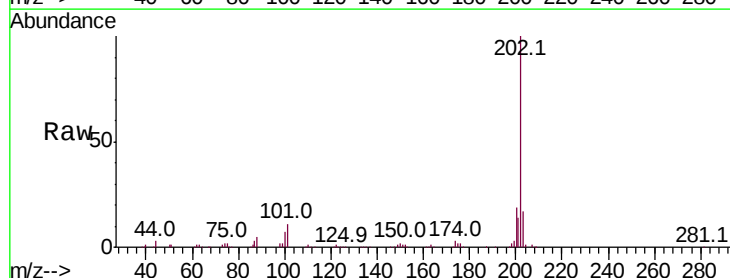
Manual Integrations
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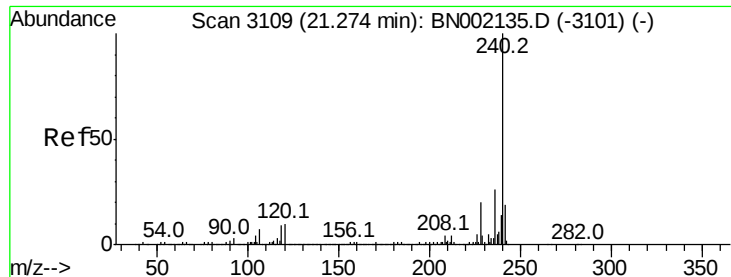
Sohil
7/27/2018 11:36:01 AM



#74
Fluoranthene
Concen: 4.759 ng
RT: 19.13 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	292714		
101	10.8		0.0	28.9
203	17.4		0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

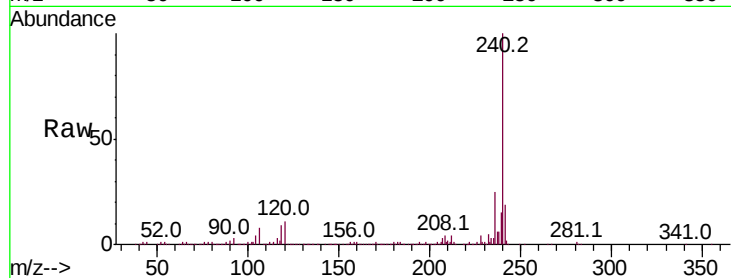
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	6.8	10.2#
236	25.4	20.9	31.3

Manual Integrations
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Sohil
7/27/2018 11:36:01 AM

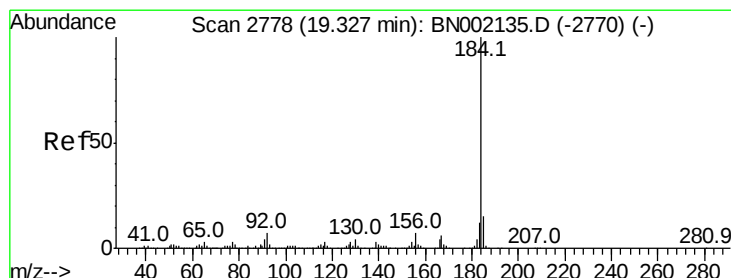
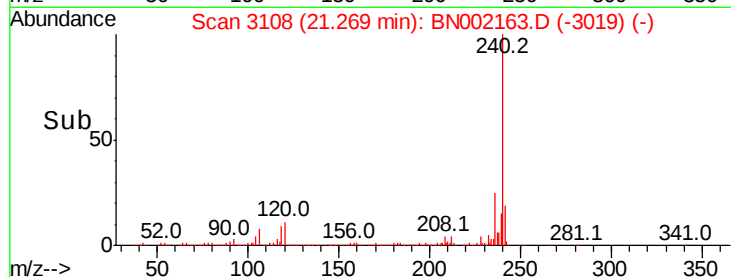
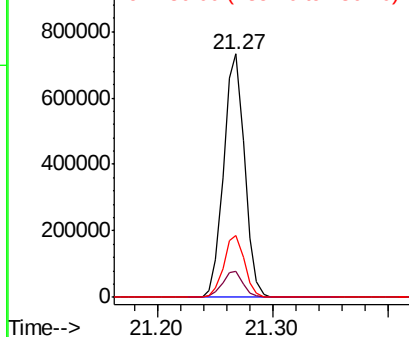


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.316 ng

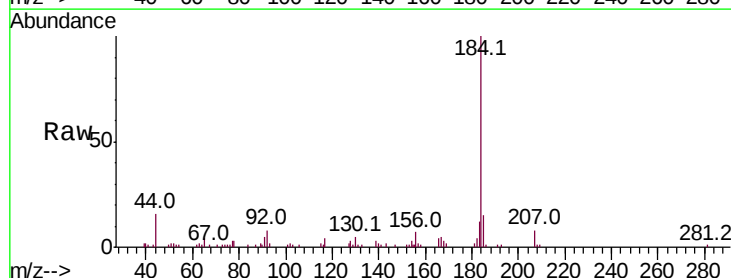
RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	12.4	10.6	16.0

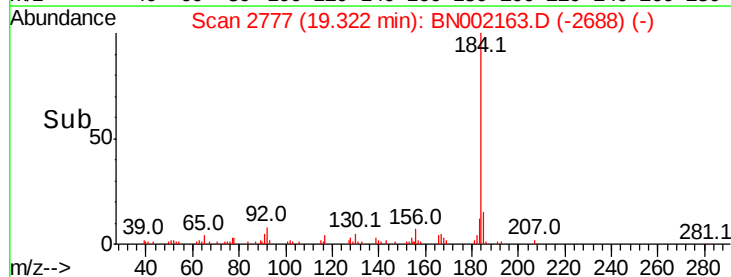
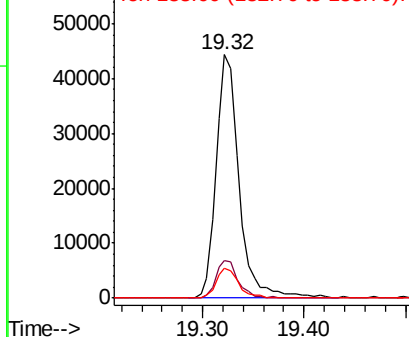


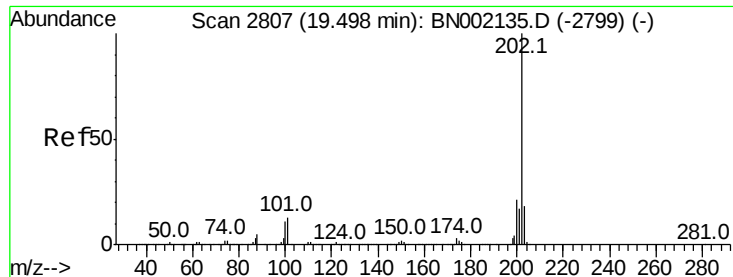
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





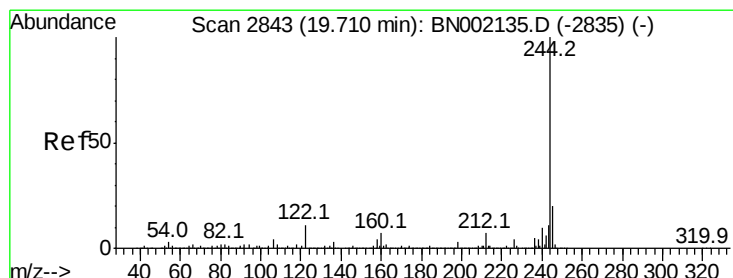
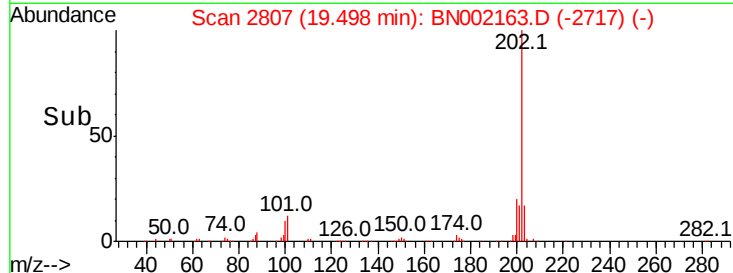
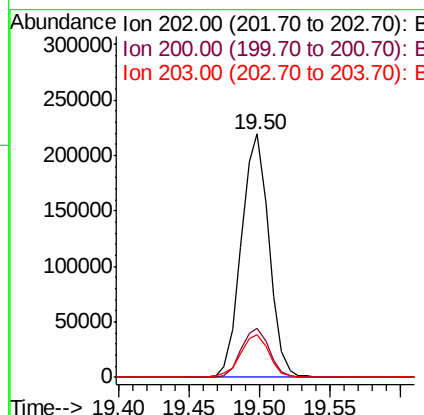
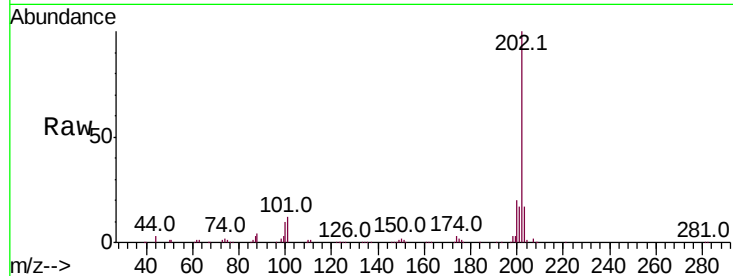
#77
Pvrene
Concen: 4.729 ng
RT: 19.50 min Scan# 2807
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.3	13.9	20.9

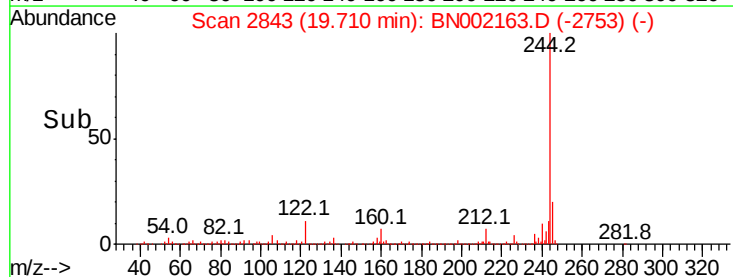
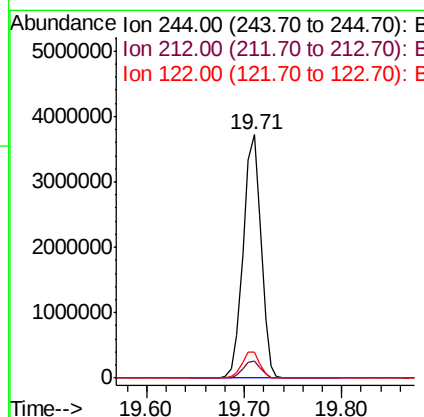
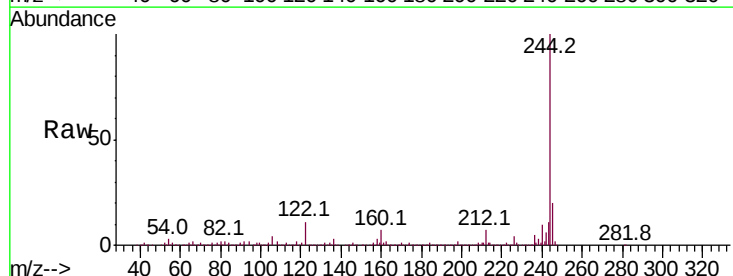
Manual Integrations
APPROVED

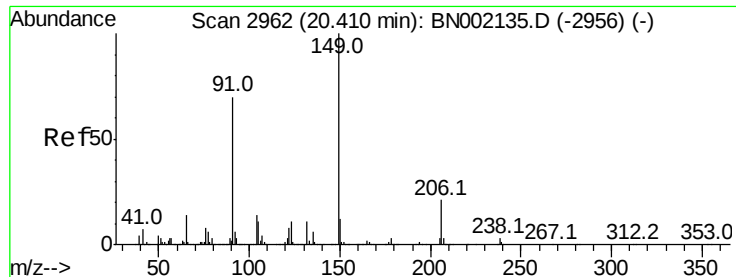
Sohil
7/27/2018 11:36:01 AM



#78
Terphenyl-d14
Concen: 107.122 ng
RT: 19.71 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.5	7.0	10.4#





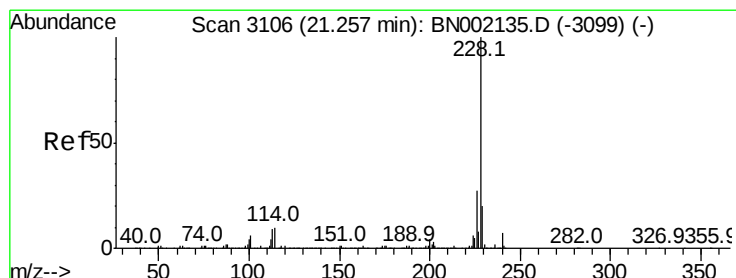
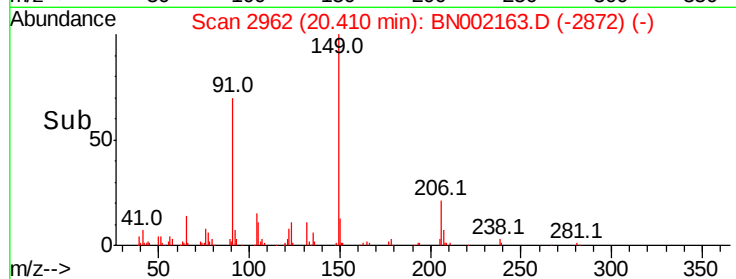
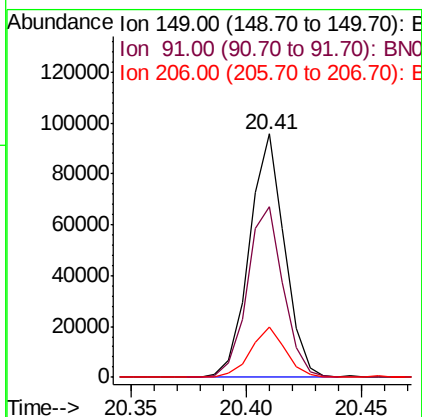
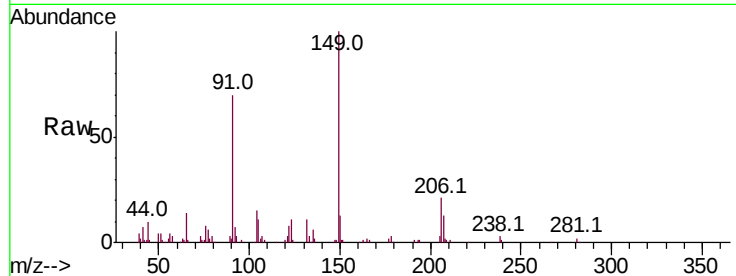
#79
Butylbenzylphthalate
Concen: 3.674 ng
RT: 20.41 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	62.2	93.2
206	20.6	18.6	27.8

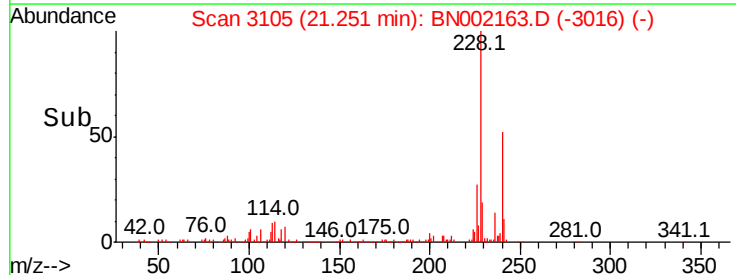
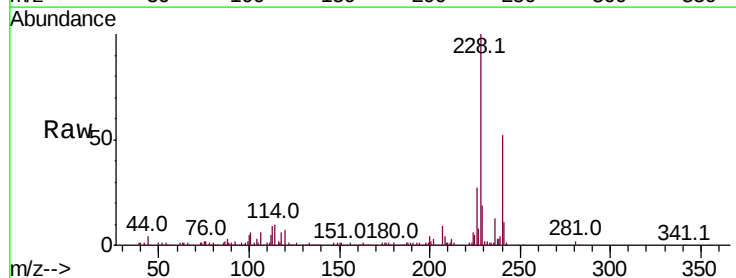
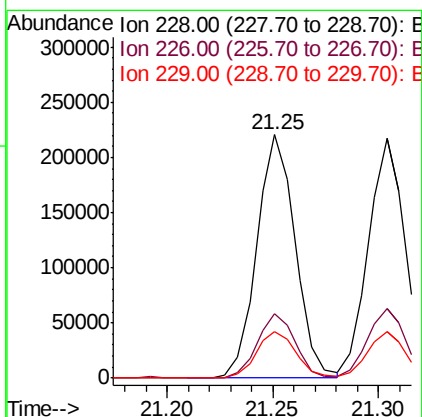
Manual Integrations
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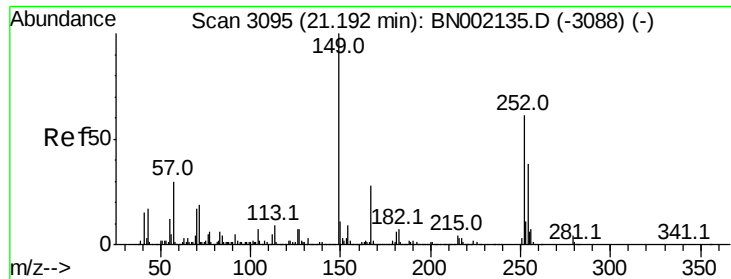
Sohil
7/27/2018 11:36:01 AM



#80
Benzo(a)anthracene
Concen: 4.972 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.7	34.1
229	19.3	16.2	24.2





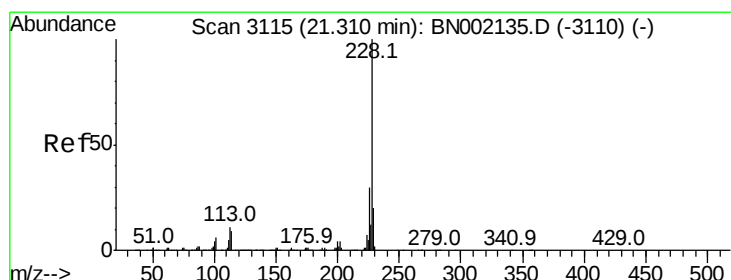
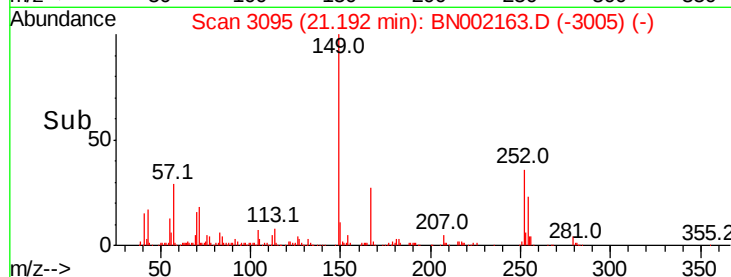
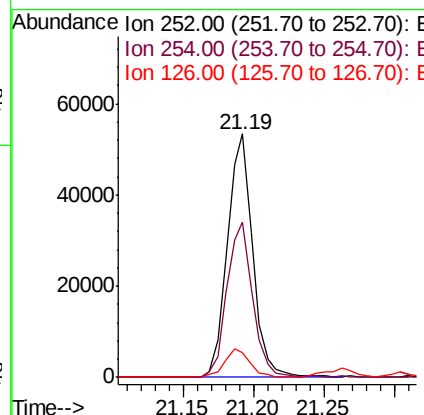
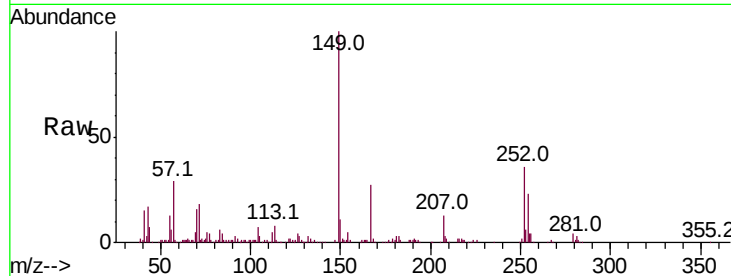
#81
 3,3'-Dichlorobenzidine
 Concen: 3.031 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	9.9	7.4	11.2

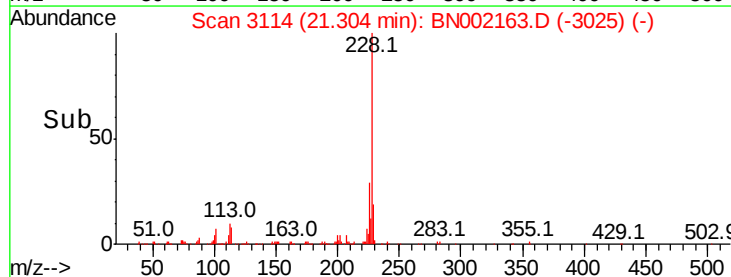
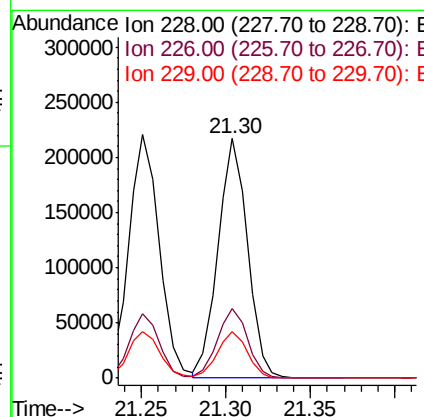
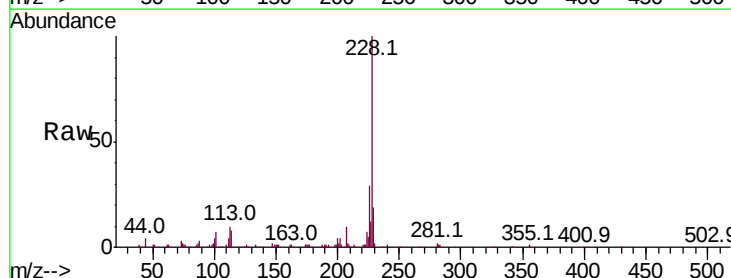
Manual Integrations
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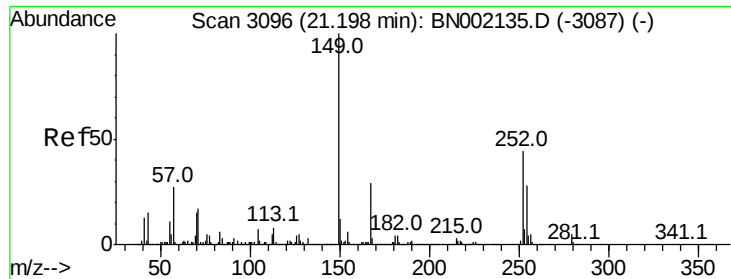
Sohil
 7/27/2018 11:36:01 AM



#82
 Chrysene
 Concen: 4.970 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	19.4	15.0	22.4





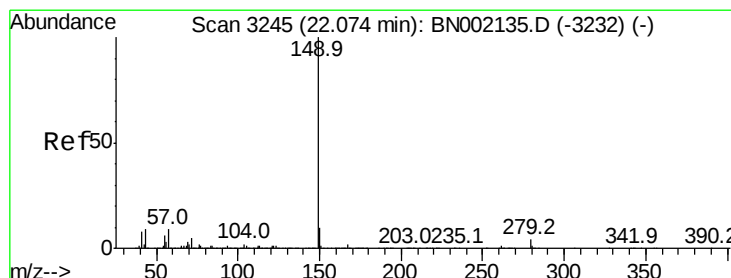
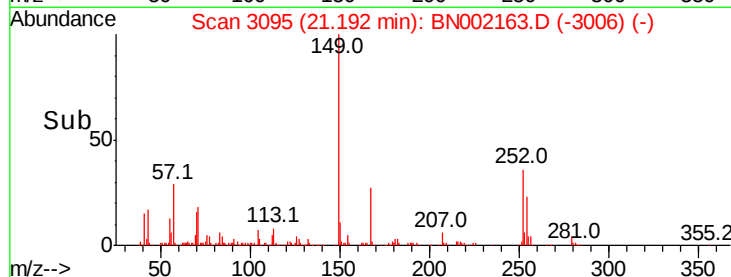
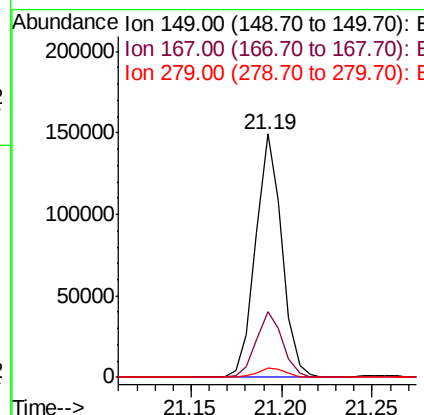
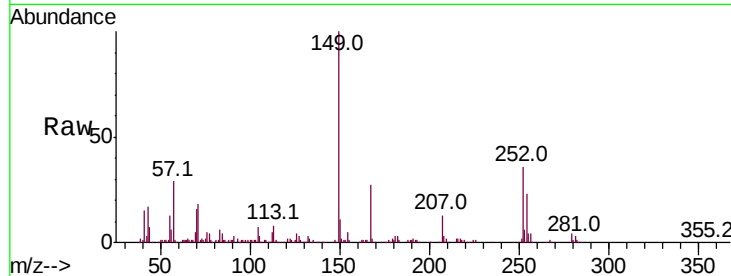
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.901 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.8	24.3	36.5	
279	4.0	4.0	6.0	

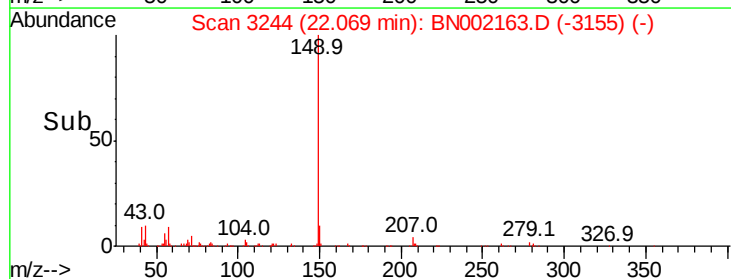
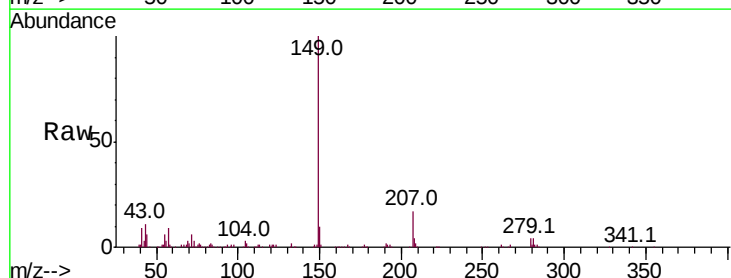
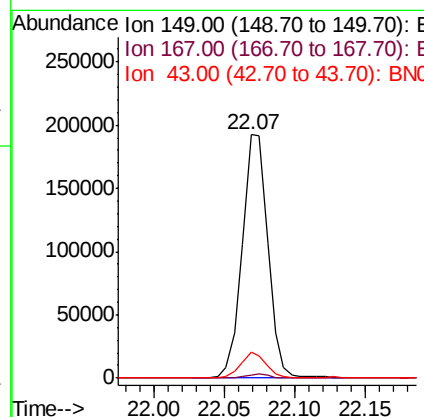
Manual Integrations
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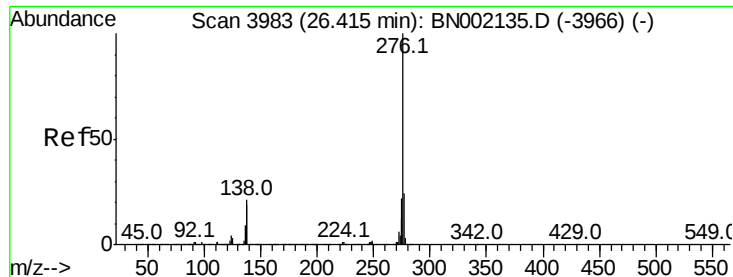
Sohil
 7/27/2018 11:36:01 AM



#84
 Di-n-octyl phthalate
 Concen: 3.974 ng
 RT: 22.07 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.4	2.0	
43	10.0	8.9	13.3	





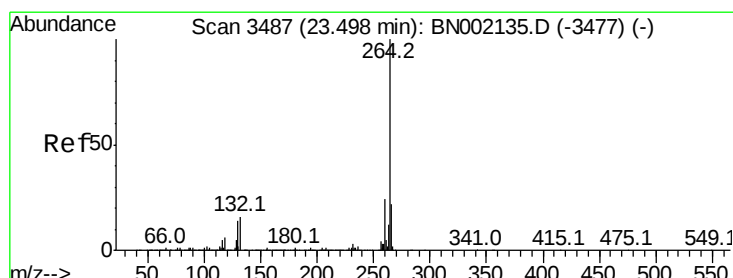
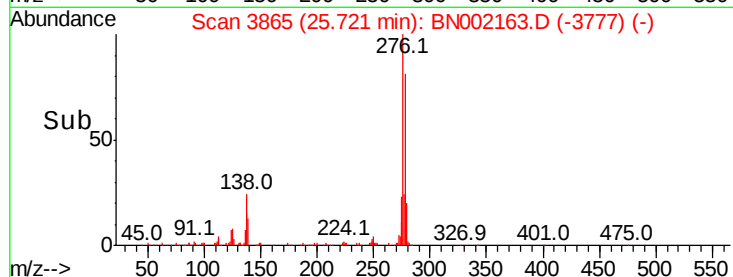
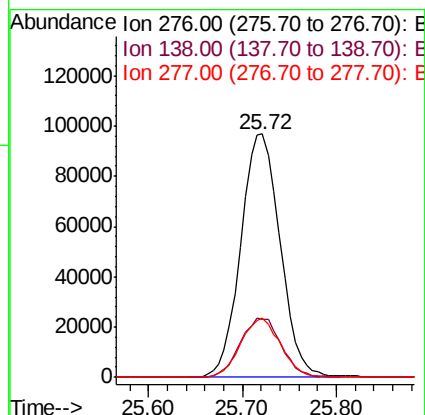
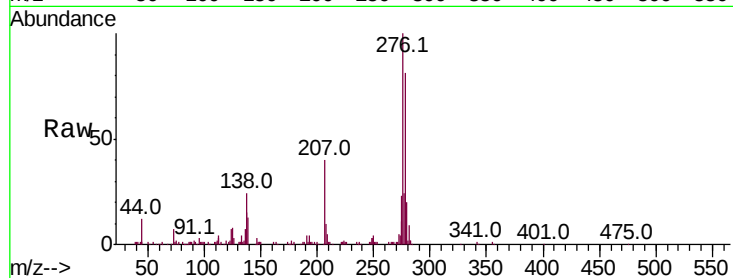
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.406 ng
RT: 25.72 min Scan# 3865
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	16.0	24.0#
277	24.6	20.0	30.0

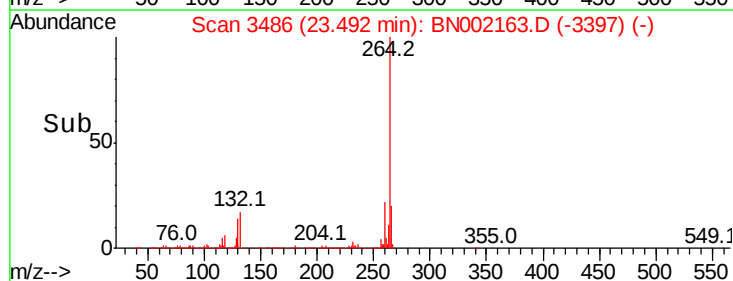
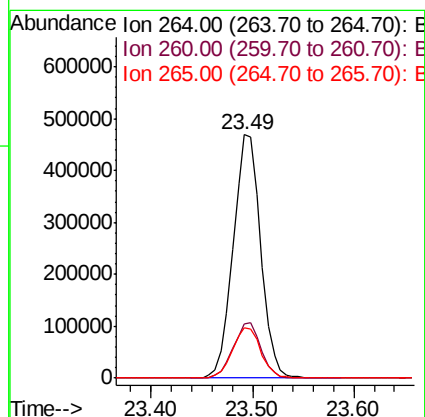
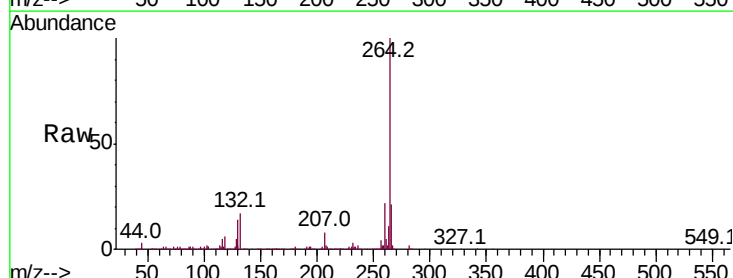
Manual Integrations
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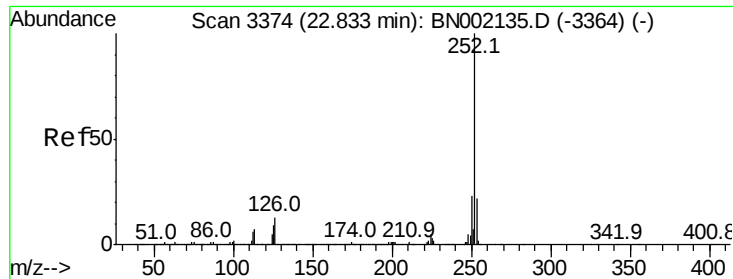
Sohil
7/27/2018 11:36:01 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 5.020 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA_N

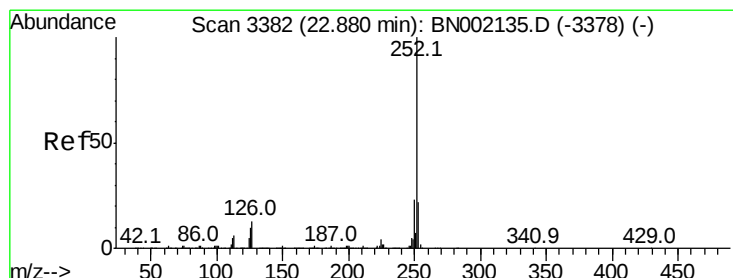
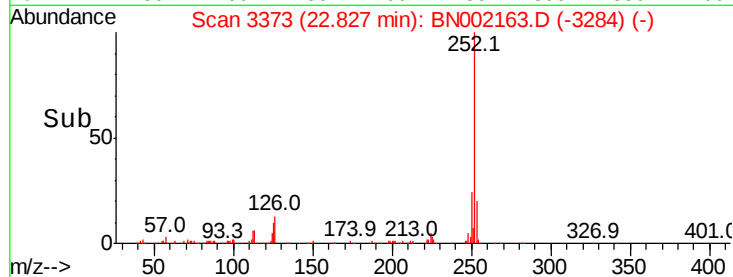
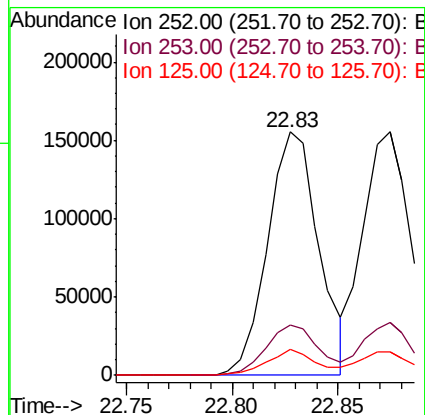
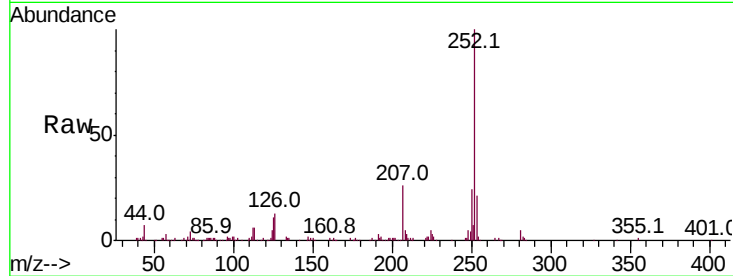
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	252	Resp:	261535
Ion Ratio	Lower	Upper	
252	100		
253	20.6	18.2	27.4
125	10.6	7.2	10.8

Manual Integrations
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7/27/2018 11:36:01 AM



#88

Benzo(k)fluoranthene

Concen: 4.887 ng

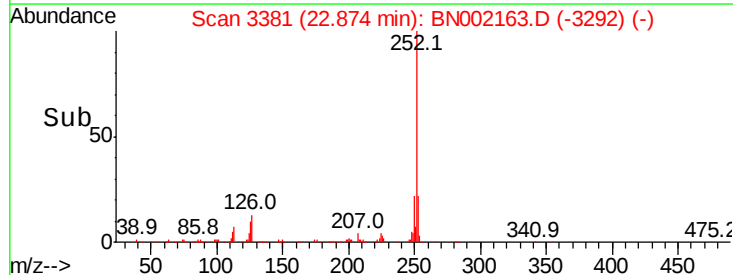
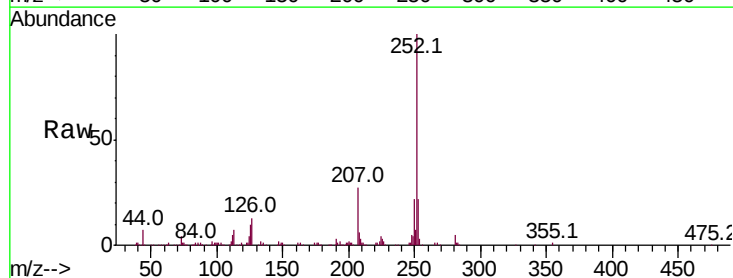
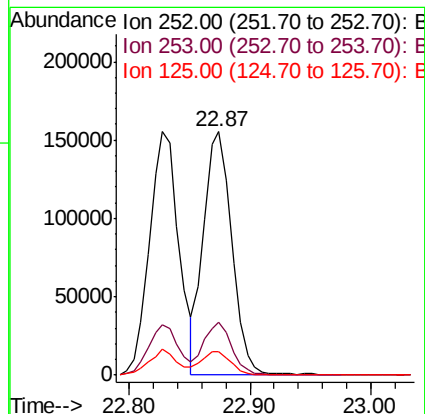
RT: 22.87 min Scan# 3381

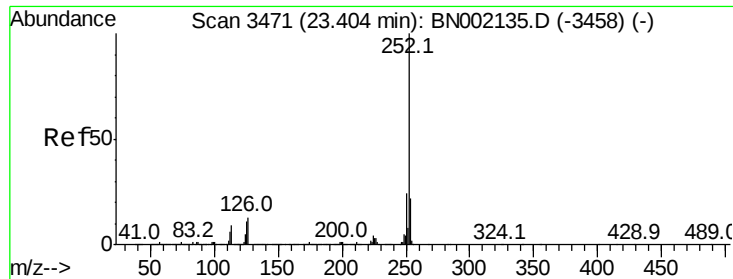
Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:	252	Resp:	250749
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	9.8	6.6	9.8





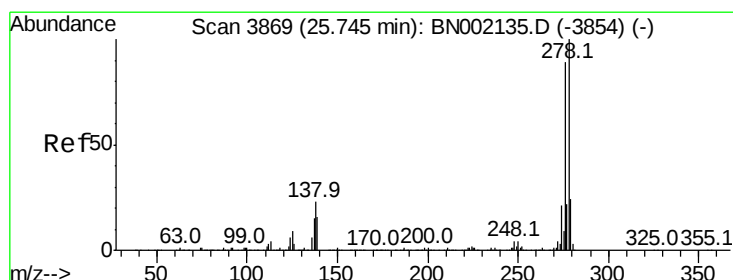
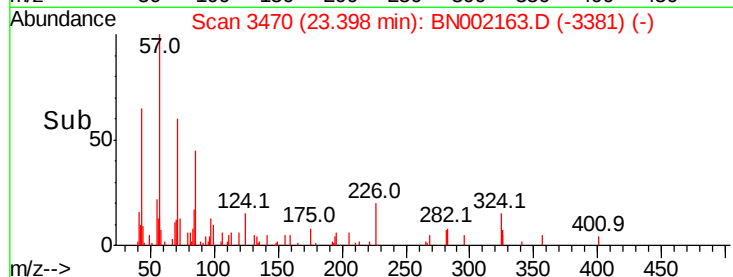
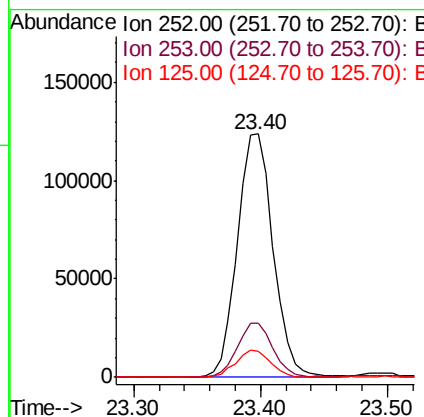
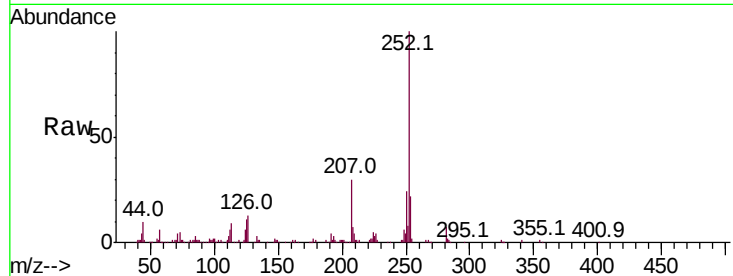
#89
Benzo(a)pyrene
Concen: 4.981 ng
RT: 23.40 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	10.7	7.3	10.9

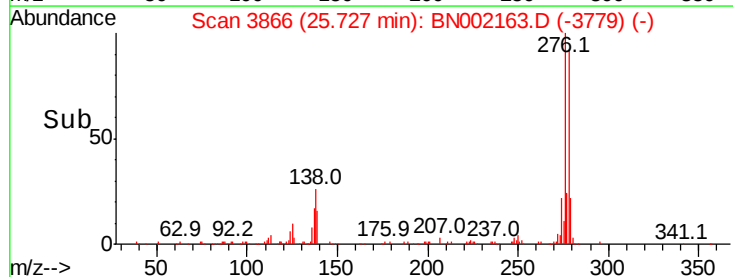
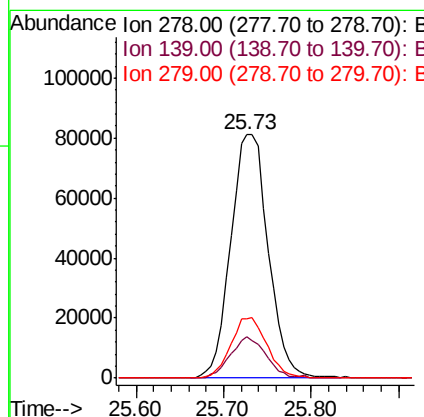
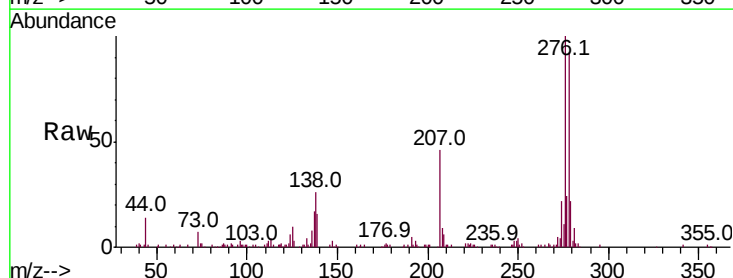
Manual Integrations
APPROVED

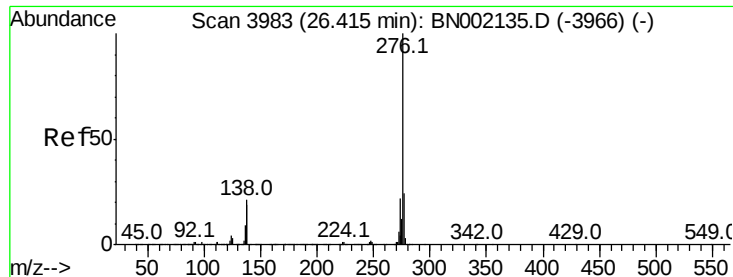
Sohil
7/27/2018 11:36:01 AM



#90
Dibenzo(a,h)anthracene
Concen: 5.168 ng
RT: 25.73 min Scan# 3866
Delta R.T. -0.02 min
Lab File: BN002163.D
Acq: 26 Jul 2018 07:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.8	14.6#
279	24.3	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.305 ng
 RT: 26.40 min Scan# 3980
 Delta R.T. -0.02 min
 Lab File: BN002163.D
 Acq: 26 Jul 2018 07:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion:	276	Resp:	234165
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.3	27.5
138	21.6	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 7/27/2018 11:36:01 AM

