

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
 Data File : BN003294.D
 Acq On : 25 Oct 2018 04:41
 Operator : MJ/SJ
 Sample : J5164-09
 Misc : MDL 2PPM
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Manual Integrations
 APPROVED

Sohil

10/25/2018 3:20:22 PM

Quant Time: Oct 25 07:31:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 14:21:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	84967	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	399876	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	254073	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	612695	20.00	ng	0.00
76) Chrysene-d12	21.21	240	692667	20.00	ng	0.00
87) Perylene-d12	23.41	264	701138	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	717473	147.08	ng	0.00
7) Phenol-d6	6.80	99	998848	144.00	ng	0.00
23) Nitrobenzene-d5	8.75	82	580181	83.21	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	516475	150.96	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1569299	83.78	ng	0.00
79) Terphenyl-d14	19.64	244	2555680	78.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	4602	1.987	ng	# 84
3) Pyridine	3.65	79	8709	1.645	ng	# 79
4) n-Nitrosodimethylamine	3.55	42	2498	1.282	ng	# 53
6) Aniline	6.95	93	13275	1.533	ng	# 98
8) 2-Chlorophenol	7.17	128	12681	2.111	ng	# 79
9) Benzaldehyde	6.78	77	9683	2.404	ng	# 85
10) Phenol	6.82	94	14607	1.995	ng	# 66
11) bis(2-Chloroethyl)ether	7.05	93	12023	2.011	ng	# 98
12) 1,3-Dichlorobenzene	7.49	146	13820	2.069	ng	# 98
13) 1,4-Dichlorobenzene	7.63	146	13875	2.017	ng	# 95
14) 1,2-Dichlorobenzene	7.95	146	13382	2.005	ng	# 97
15) Benzyl Alcohol	7.91	79	15580	3.117	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	8.13	45	17530	2.000	ng	# 93
17) 2-Methylphenol	8.08	107	9536	1.906	ng	# 95
18) Hexachloroethane	8.65	117	4680	1.942	ng	# 88
19) n-Nitroso-di-n-propylamine	8.40	70	8619	1.723	ng	# 98
20) 3+4-Methylphenols	8.43	107	12997m	1.829	ng	# 95
22) Acetophenone	8.43	105	18051	1.862	ng	# 89
24) Nitrobenzene	8.80	77	13965	1.963	ng	# 98
25) Isophorone	9.32	82	25322	2.070	ng	# 99
26) 2-Nitrophenol	9.53	139	5289	1.412	ng	# 95
27) 2,4-Dimethylphenol	9.62	122	10190	1.935	ng	# 92
28) bis(2-Chloroethoxy)methane	9.83	93	16197	1.966	ng	# 97
29) 2,4-Dichlorophenol	10.12	162	9473	1.577	ng	# 93
30) 1,2,4-Trichlorobenzene	10.25	180	13007	1.904	ng	# 96
31) Naphthalene	10.42	128	42598	2.180	ng	# 97
32) Benzoic acid	9.62	122	10190	7.032	ng	# 11
33) 4-Chloroaniline	10.60	127	11581	1.341	ng	# 93
34) Hexachlorobutadiene	10.70	225	7682	1.885	ng	# 96
35) Caprolactam	11.37	113	1718	0.730	ng	# 82
36) 4-Chloro-3-methylphenol	11.75	107	11329	1.690	ng	# 98
37) 2-Methylnaphthalene	12.06	142	30789	2.205	ng	# 98
38) 1-Methylnaphthalene	12.27	142	29854	2.189	ng	# 94
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	15395	1.832	ng	# 99

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Manual Integrations
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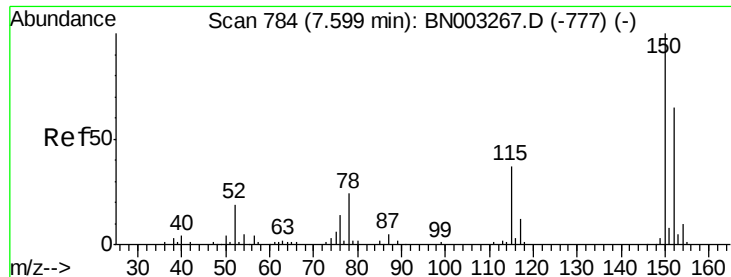
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	532	9.058	ng	# 71
43) 2,4,6-Trichlorophenol	12.71	196	8340	1.570	ng	95
44) 2,4,5-Trichlorophenol	12.82	196	8871	1.602	ng	96
46) 1,1'-Biphenyl	13.07	154	43632	1.957	ng	99
47) 2-Chloronaphthalene	13.12	162	31320	1.904	ng	99
48) 2-Nitroaniline	13.37	65	6490	1.343	ng	88
49) Acenaphthylene	13.97	152	51459	2.044	ng	99
50) Dimethylphthalate	13.72	163	41626	2.026	ng	99
51) 2,6-Dinitrotoluene	13.86	165	7867	1.687	ng	98
52) Acenaphthene	14.30	154	32757	2.147	ng	98
53) 3-Nitroaniline	14.21	138	5822	1.168	ng	# 87
55) Dibenzofuran	14.66	168	51985	2.095	ng	95
56) 4-Nitrophenol	14.66	139	20482	10.734	ng	# 15
57) 2,4-Dinitrotoluene	14.67	165	9453	1.495	ng	# 94
58) Fluorene	15.30	166	42831	2.237	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.90	232	8693	1.787	ng	# 92
60) Diethylphthalate	15.07	149	40658	1.950	ng	98
61) 4-Chlorophenyl-phenylether	15.30	204	22094	2.077	ng	91
62) 4-Nitroaniline	15.41	138	4912	1.009	ng	87
63) Azobenzene	15.59	77	37277	1.935	ng	96
65) 4,6-Dinitro-2-methylphenol	15.49	198	2793	0.653	ng	81
66) n-Nitrosodiphenylamine	15.52	169	36446	1.900	ng	98
67) 4-Bromophenyl-phenylether	16.19	248	13010	1.885	ng	97
68) Hexachlorobenzene	16.32	284	15089	1.919	ng	97
69) Atrazine	16.48	200	11827	1.740	ng	93
70) Pentachlorophenol	16.70	266	2011	6.998	ng	97
71) Phenanthrene	17.05	178	72130	2.239	ng	99
72) Anthracene	17.15	178	68996	2.147	ng	98
73) Carbazole	17.44	167	61133	1.837	ng	99
74) Di-n-butylphthalate	17.97	149	65479	1.686	ng	99
75) Fluoranthene	19.08	202	78469	2.068	ng	98
77) Benzidine	19.30	184	11184	0.552	ng	# 93
78) Pyrene	19.45	202	83864	2.060	ng	99
80) Butylbenzylphthalate	20.34	149	29556	1.564	ng	99
81) Benzo(a)anthracene	21.19	228	88726	2.200	ng	99
82) 3,3'-Dichlorobenzidine	21.15	252	22872	1.370	ng	95
83) Chrysene	21.25	228	84652	2.183	ng	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	47108	1.680	ng	99
85) Di-n-octyl phthalate	21.99	149	82287	1.711	ng	# 91
86) Indeno(1,2,3-cd)pyrene	25.64	276	88805	1.998	ng	99
88) Benzo(b)fluoranthene	22.76	252	87860	2.276	ng	99
89) Benzo(k)fluoranthene	22.80	252	83398	2.203	ng	98
90) Benzo(a)pyrene	23.32	252	81904	2.226	ng	98
91) Dibenzo(a,h)anthracene	25.64	278	75504	2.073	ng	98
92) Benzo(g,h,i)perylene	26.33	276	71900	2.057	ng	97

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

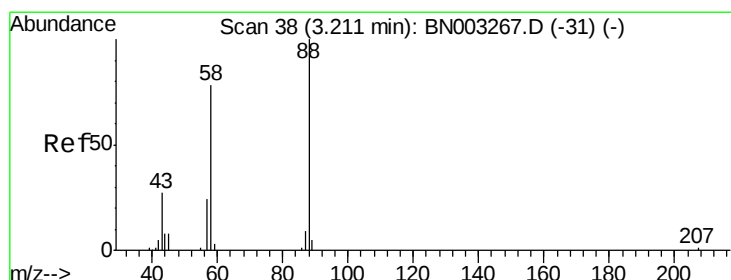
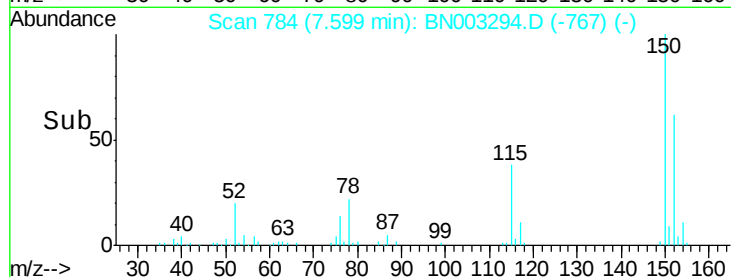
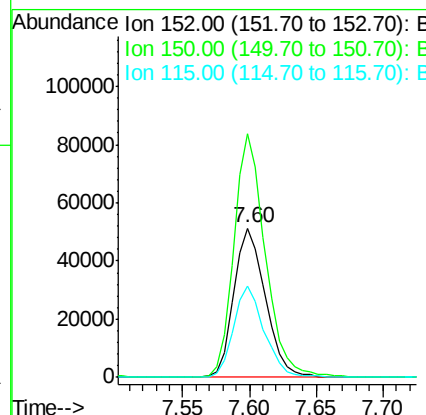
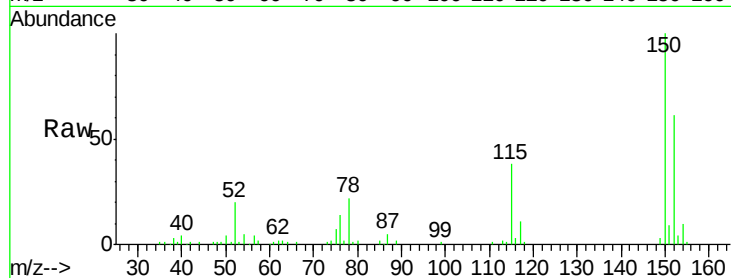
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.0	123.8	185.8
115	61.3	45.9	68.9

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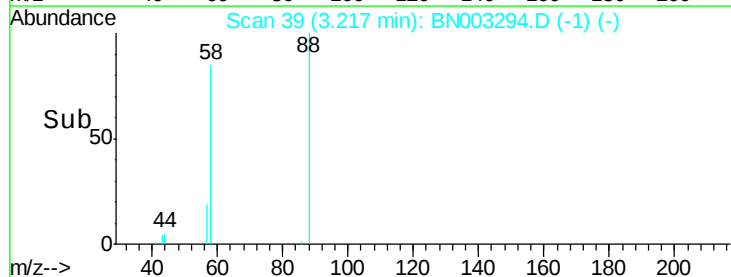
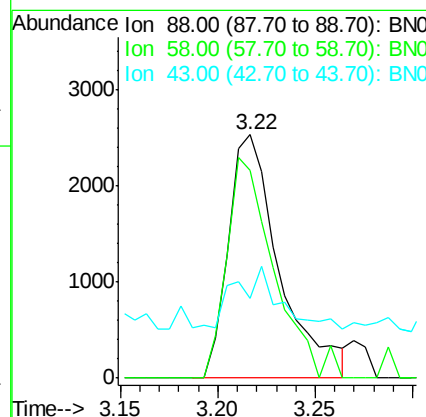
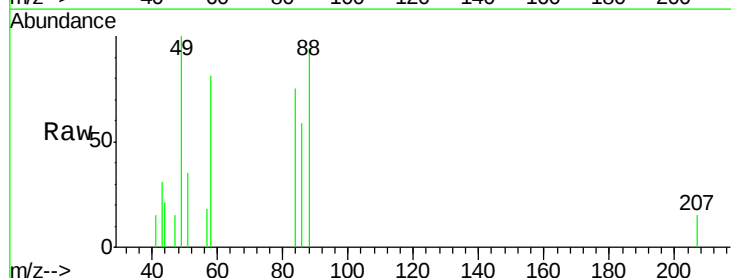
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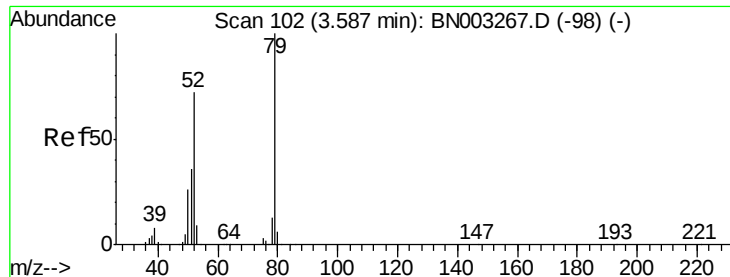


#2

1,4-Dioxane
Concen: 1.987 ng
RT: 3.22 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	61.1	91.7
43	9.4	22.2	33.4





#3

Pyridine

Concen: 1.645 ng

RT: 3.65 min Scan# 112

Delta R.T. 0.06 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

ClientSampleId :

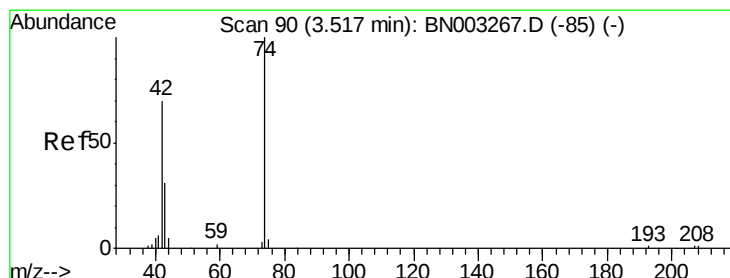
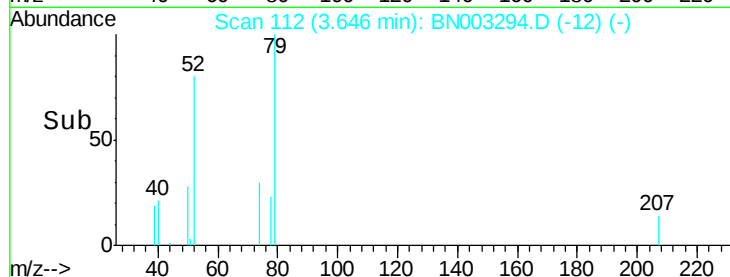
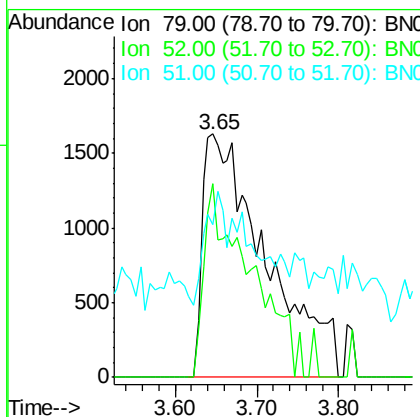
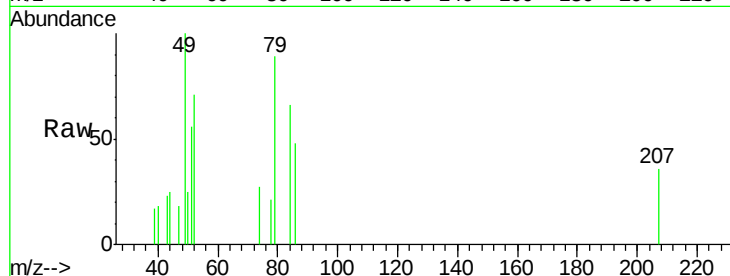
MDL-WATER-03-QT4-2018

Tgt Ion:	79	Resp:	8709
Ion	Ratio	Lower	Upper
79	100		
52	79.8	57.7	86.5
51	62.7	28.7	43.1#

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#4

n-Nitrosodimethylamine

Concen: 1.282 ng

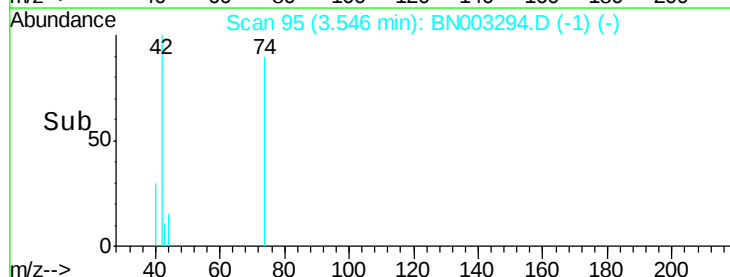
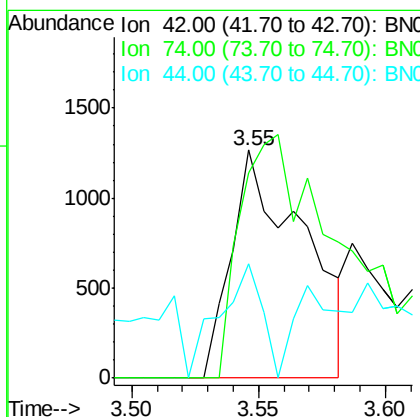
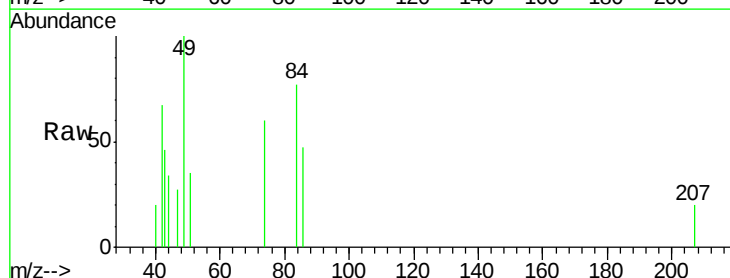
RT: 3.55 min Scan# 95

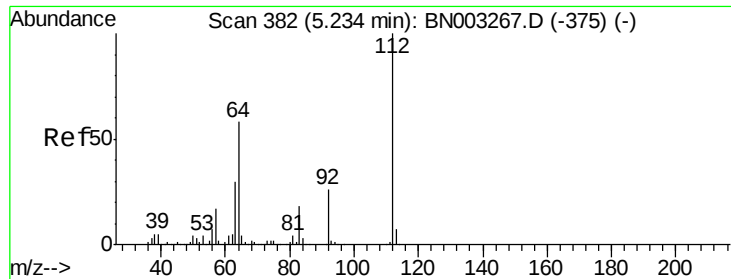
Delta R.T. 0.03 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	42	Resp:	2498
Ion	Ratio	Lower	Upper
42	100		
74	89.8	114.2	171.4#
44	50.2	6.1	9.1#





#5

2-Fluorophenol

Concen: 147.075 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

ClientSampleId :

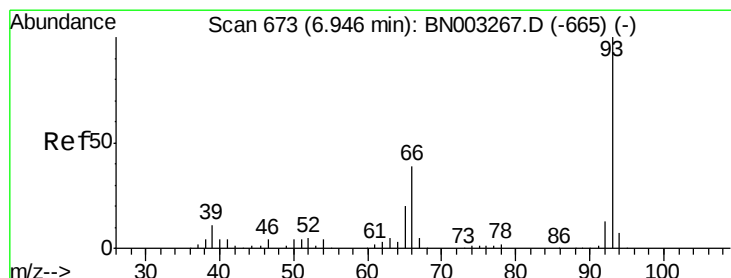
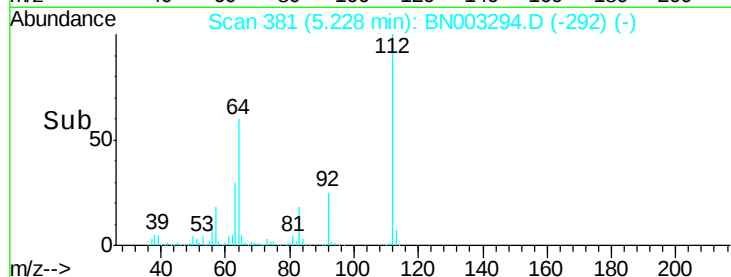
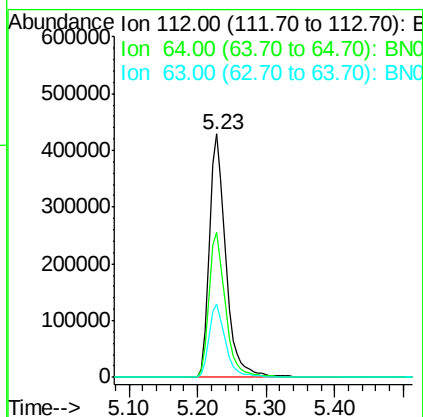
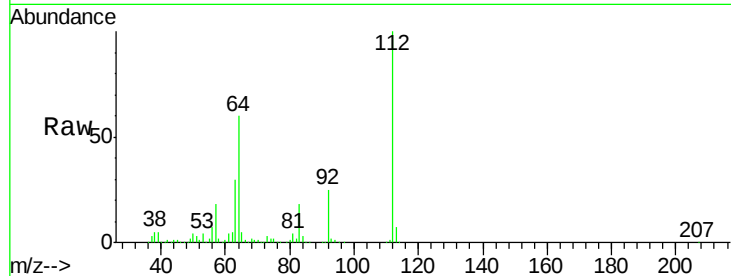
MDL-WATER-03-QT4-2018

Tgt Ion:	112	Resp:	717473
Ion Ratio	Lower	Upper	
112	100		
64	59.5	46.6	69.8
63	30.2	23.8	35.8

Manual Integrations
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#6

Aniline

Concen: 1.533 ng

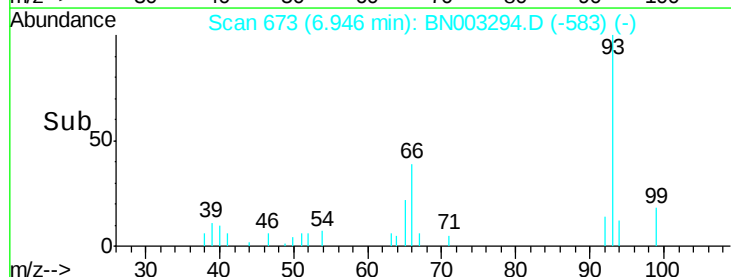
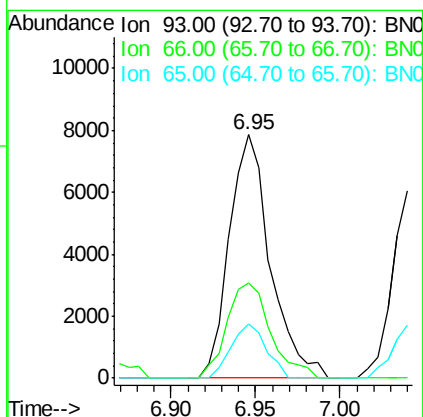
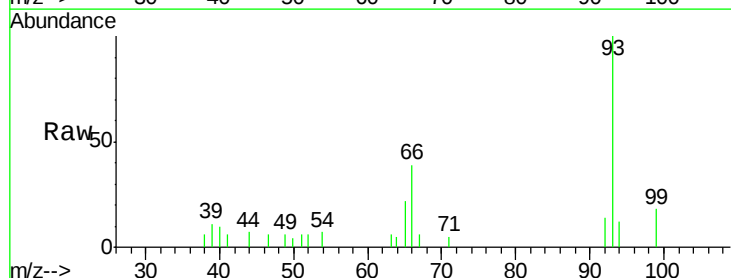
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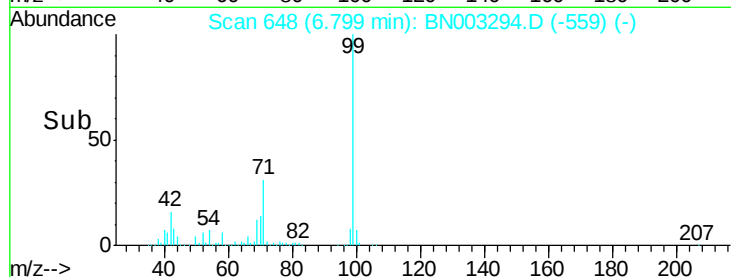
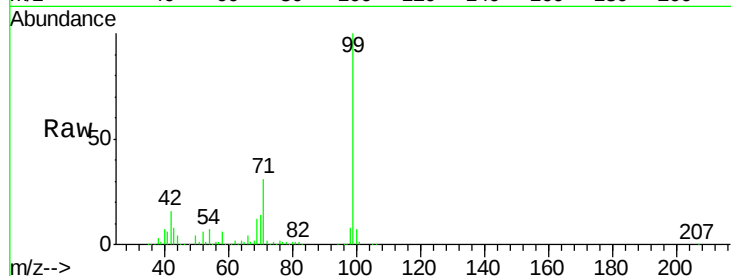
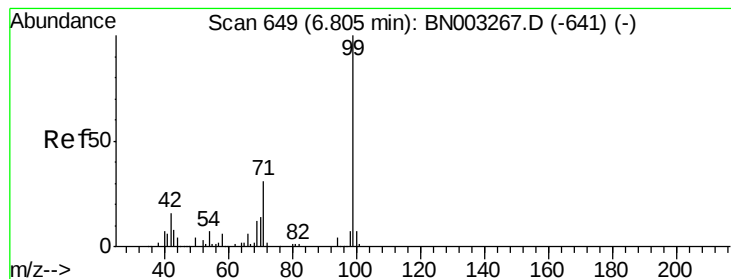
Delta R.T. -0.00 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	93	Resp:	13275
Ion Ratio	Lower	Upper	
93	100		
66	39.0	31.4	47.0
65	22.3	15.7	23.5





#7

Phenol-d6

Concen: 143.996 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	99	Resp:	998848
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.0	19.6
71	30.6	24.5	36.7

Instrument :

BNA_N

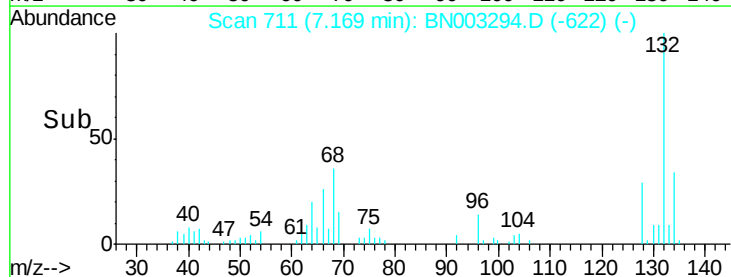
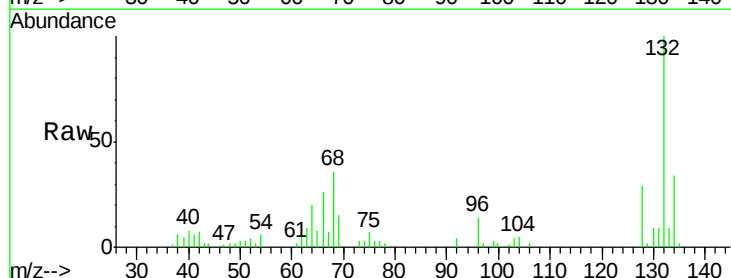
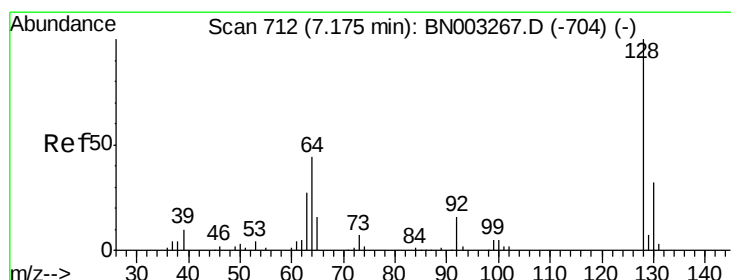
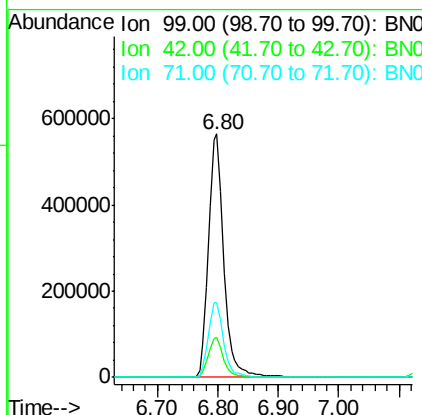
ClientSampleId :

MDL-WATER-03-QT4-2018

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#8

2-Chlorophenol

Concen: 2.111 ng

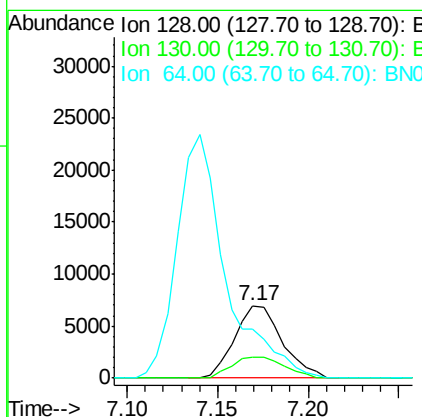
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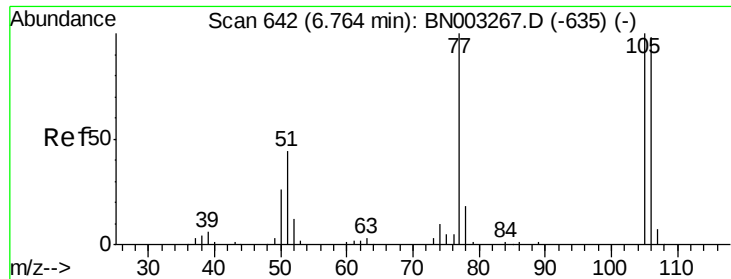
Delta R.T. -0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	128	Resp:	12681
Ion Ratio	Lower	Upper	
128	100		
130	29.8	12.4	52.4
64	68.8	27.0	67.0#





#9
Benzaldehyde
Concen: 2.404 ng
RT: 6.78 min Scan# 645
Delta R.T. 0.02 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

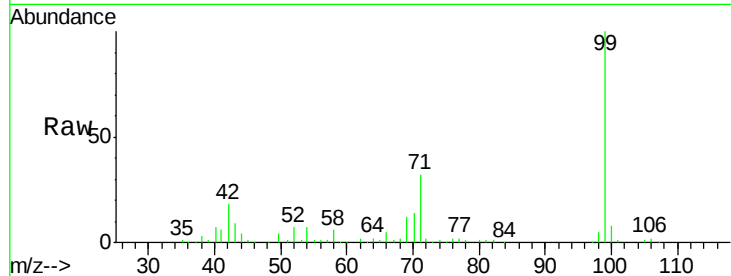
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 77 Resp: 9683
Ion Ratio Lower Upper
77 100
105 83.9 79.9 119.9
106 85.2 78.4 118.4

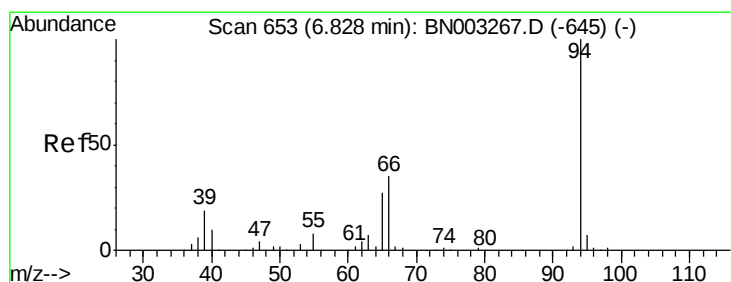
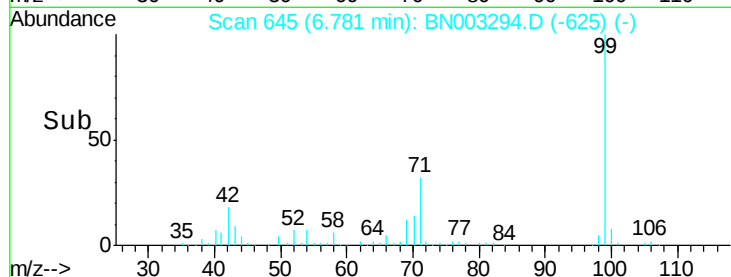
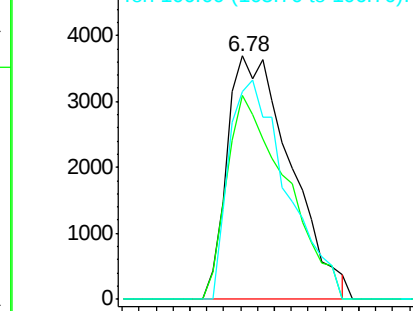
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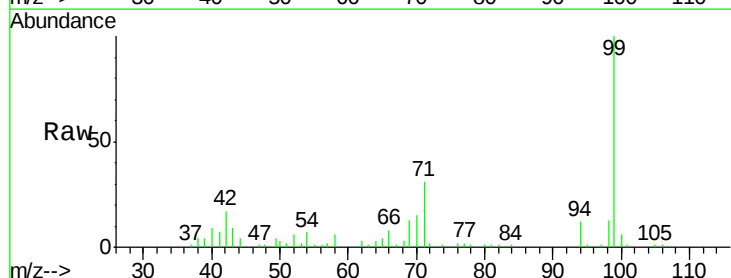


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC

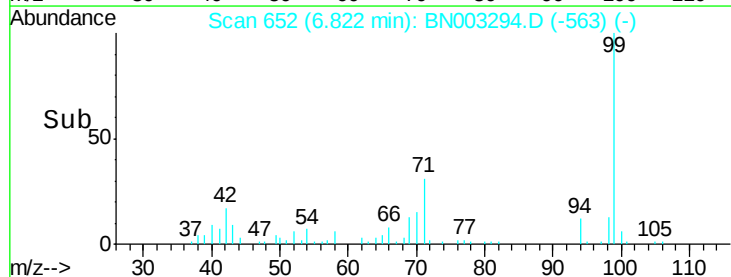
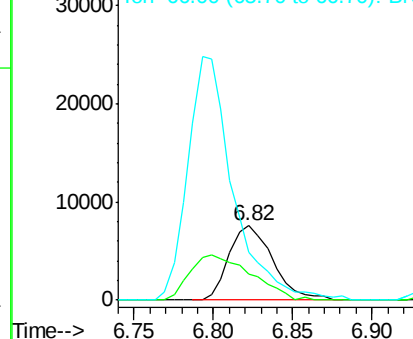


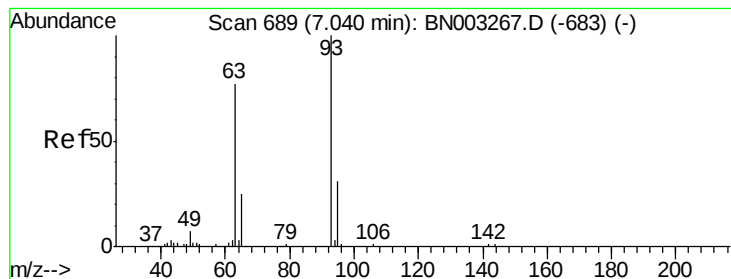
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Phenol
Concen: 1.995 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion: 94 Resp: 14607
Ion Ratio Lower Upper
94 100
65 35.6 7.7 47.7
66 64.7 15.8 55.8#



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





#11
bis(2-Chloroethyl)ether
Concen: 2.011 ng
RT: 7.05 min Scan# 690
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

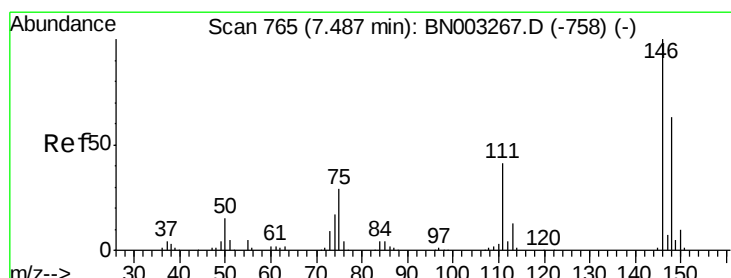
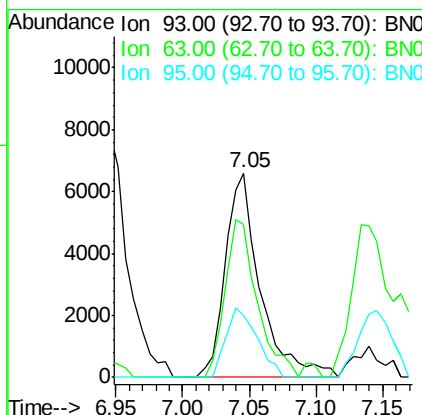
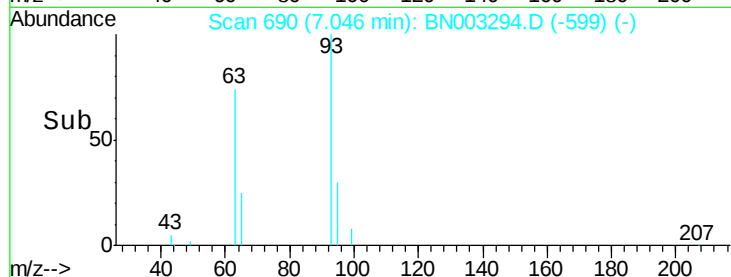
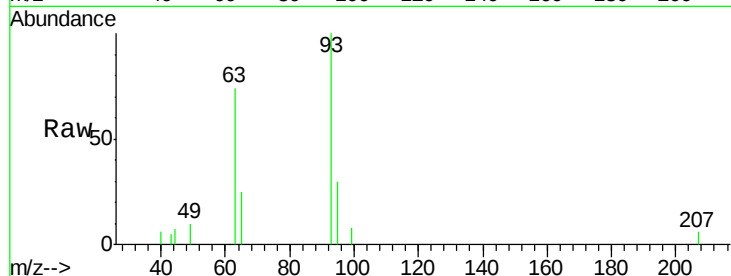
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:	93	Resp:	12023
Ion	Ratio	Lower	Upper
93	100		
63	74.5	56.6	96.6
95	30.1	10.9	50.9

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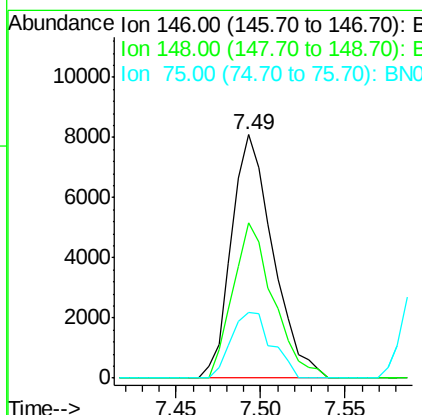
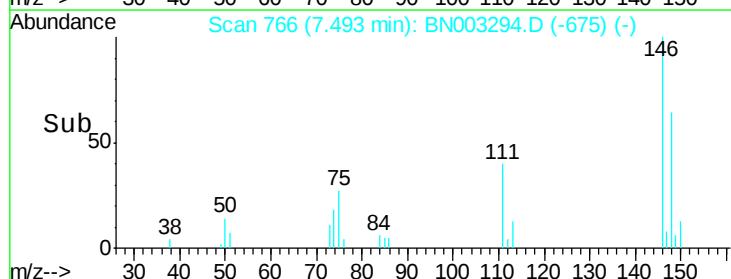
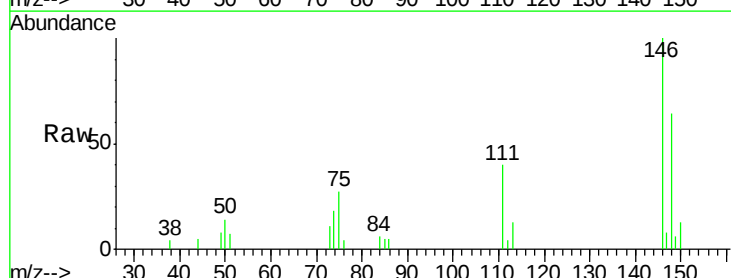
Sohil

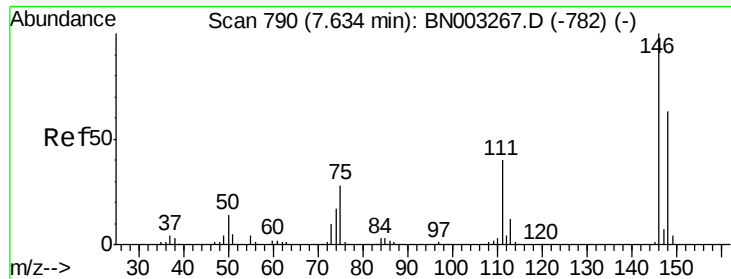
10/25/2018 3:20:22 PM



#12
1,3-Dichlorobenzene
Concen: 2.069 ng
RT: 7.49 min Scan# 766
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion:	146	Resp:	13820
Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.1	75.1
75	27.0	22.9	34.3





#13
 1,4-Dichlorobenzene
 Concen: 2.017 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

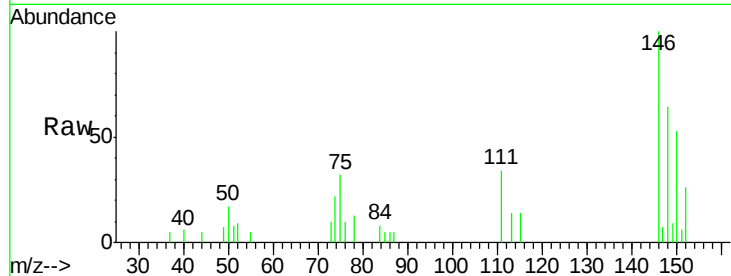
Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.2
111	34.3	32.1	48.1

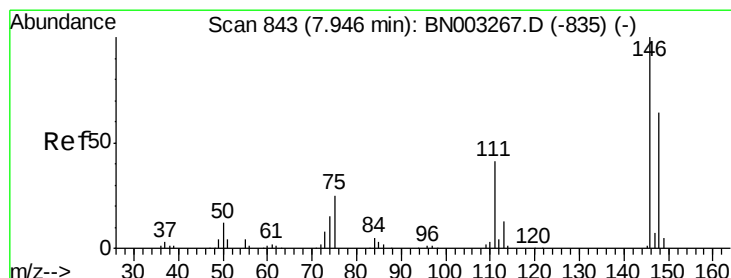
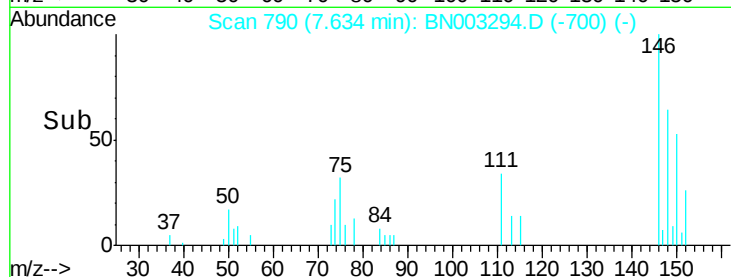
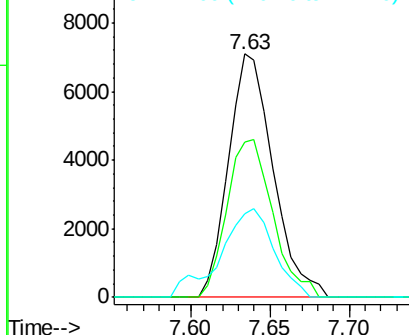
Manual Integrations
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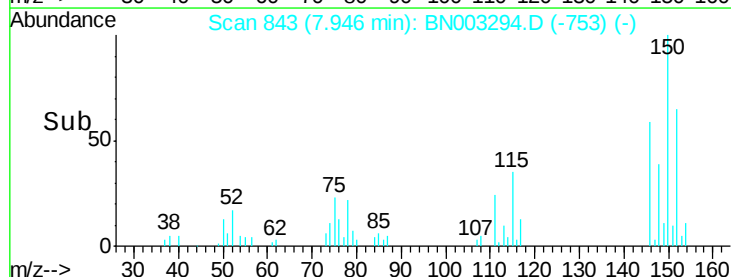
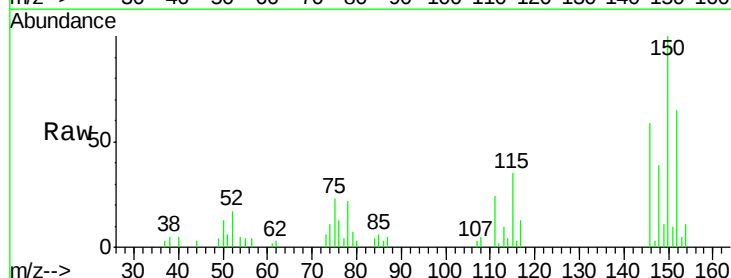
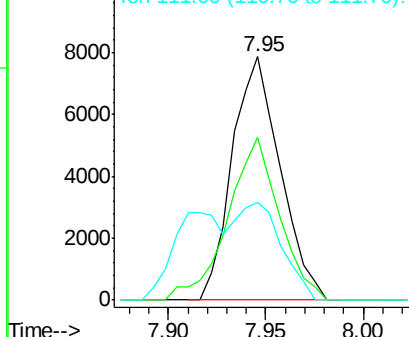
Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

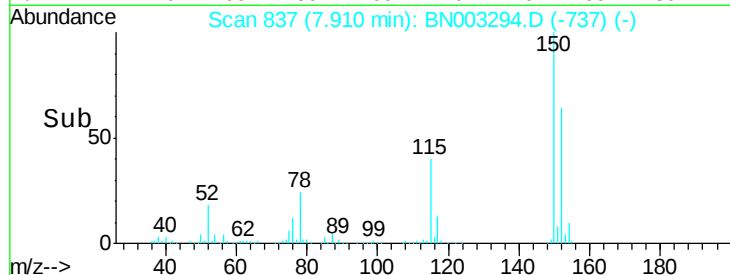
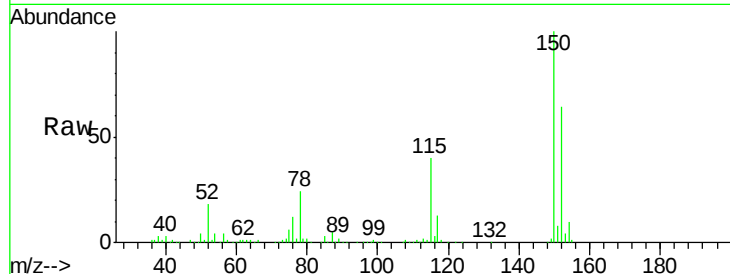
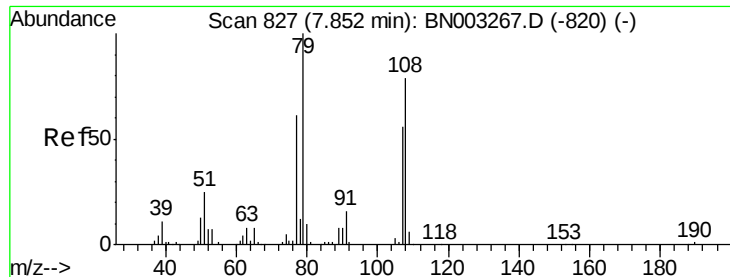


#14
 1,2-Dichlorobenzene
 Concen: 2.005 ng
 RT: 7.95 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.4	77.2
111	40.3	33.1	49.7

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





#15
Benzyl Alcohol
Concen: 3.117 ng
RT: 7.91 min Scan# 837
Delta R.T. 0.06 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

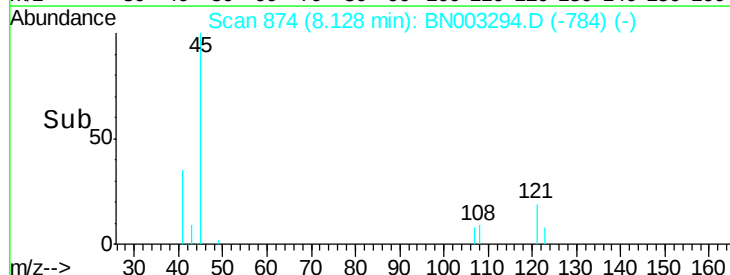
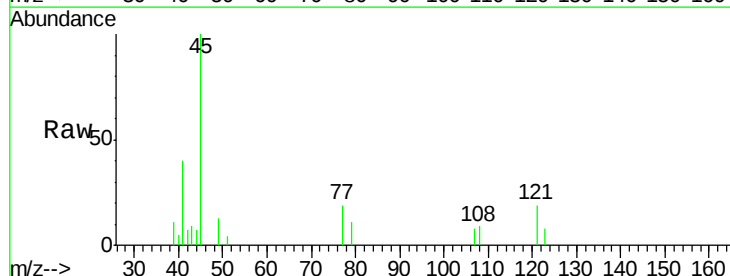
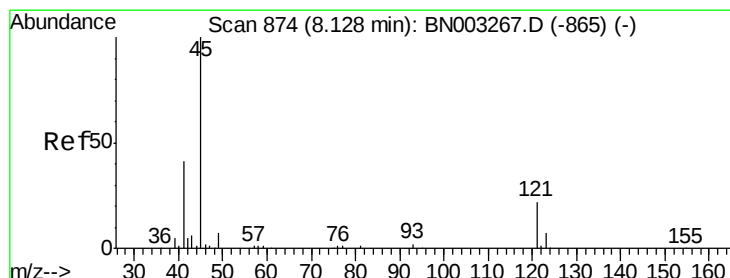
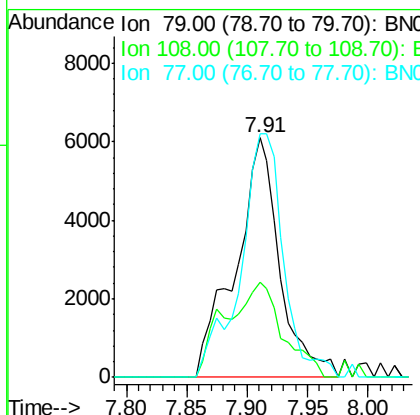
Tgt Ion	Ratio	Lower	Upper
79	100		
108	39.9	63.3	94.9#
77	101.5	49.0	73.6#

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations
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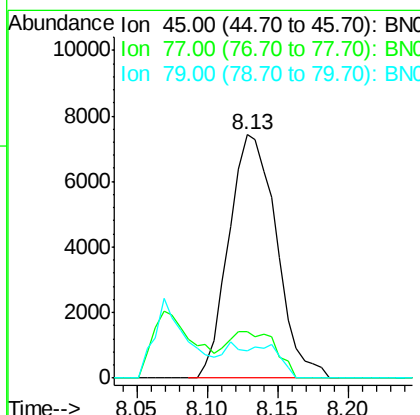
Sohil

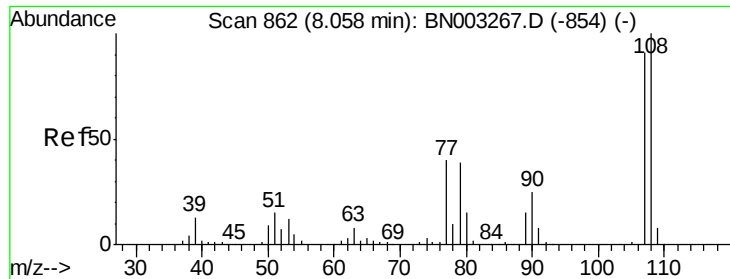
10/25/2018 3:20:22 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.000 ng
RT: 8.13 min Scan# 874
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	34.0
79	11.5	0.0	30.9





#17
2-Methylphenol
Concen: 1.906 ng
RT: 8.08 min Scan# 865
Delta R.T. 0.02 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

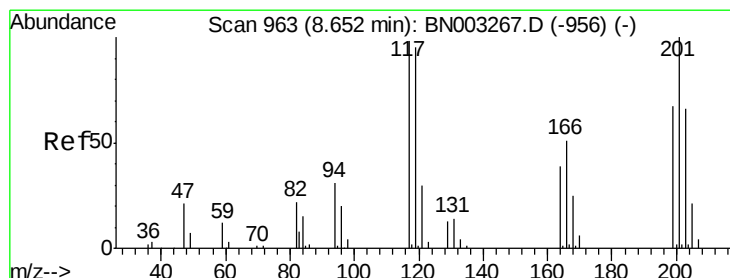
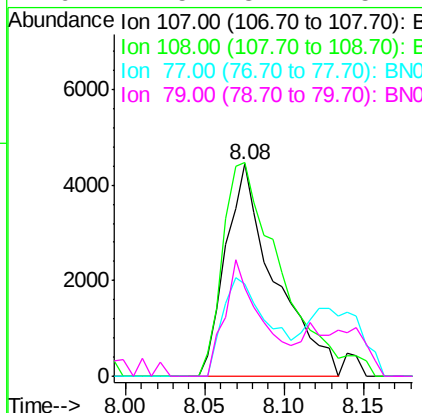
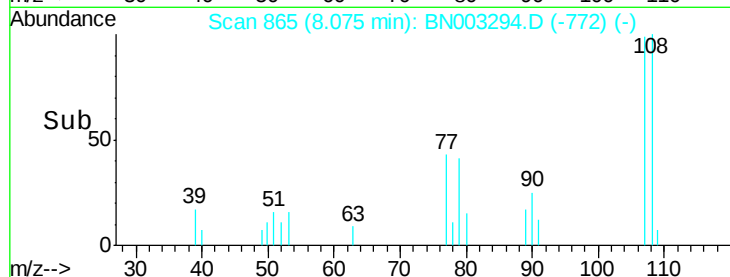
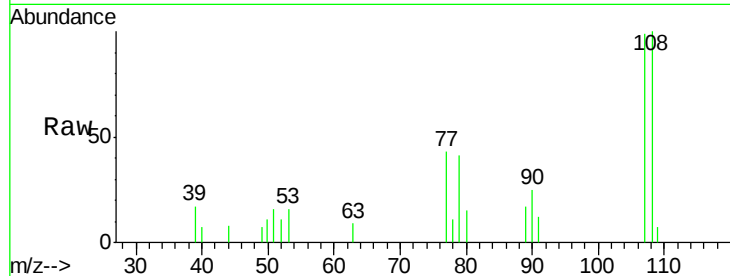
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:	107	Resp:	9536
Ion	Ratio	Lower	Upper
107	100		
108	100.8	87.6	131.4
77	43.8	35.3	52.9
79	41.5	34.2	51.4

Manual Integrations
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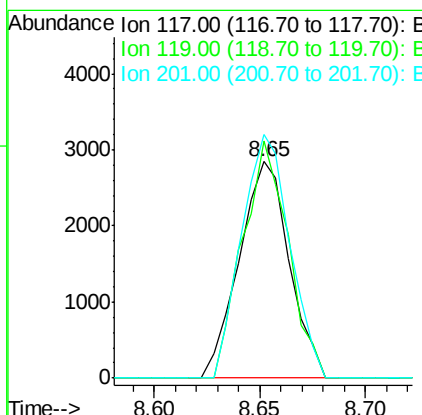
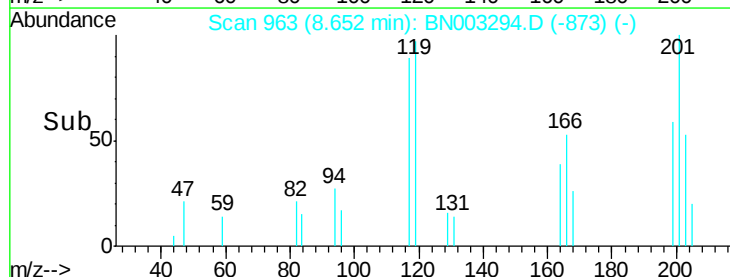
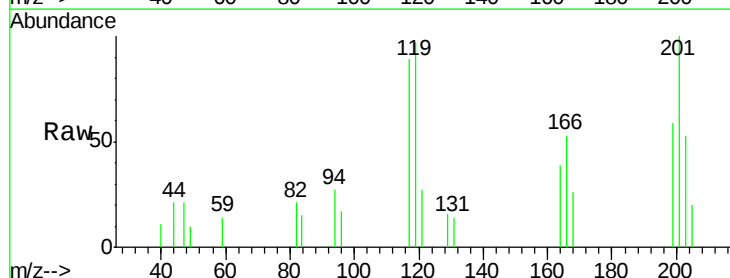
Sohil

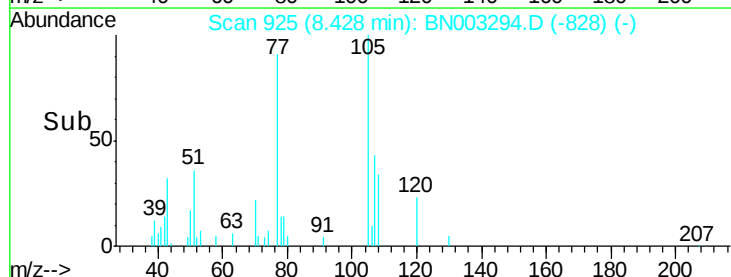
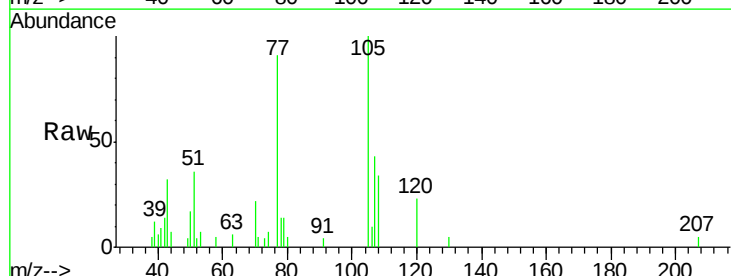
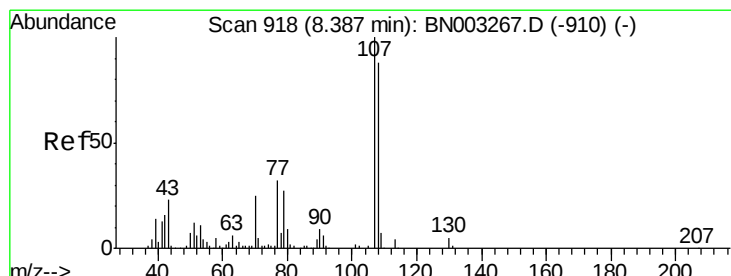
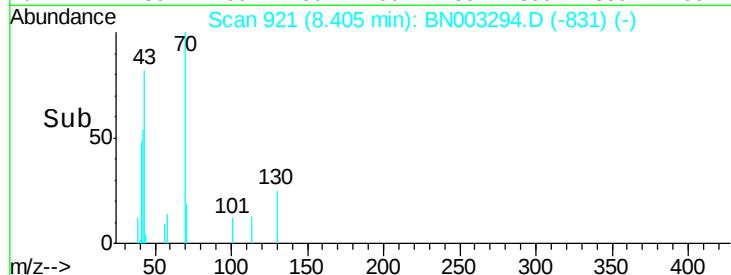
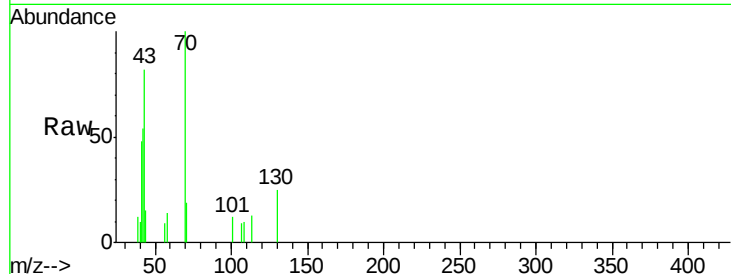
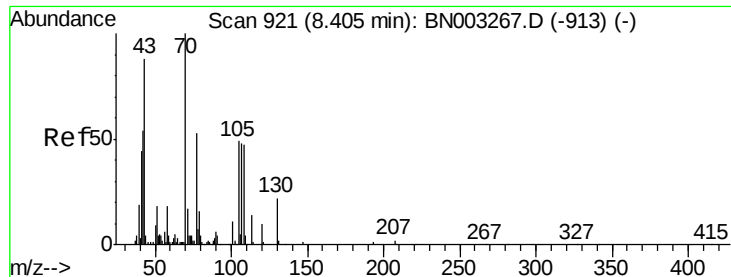
10/25/2018 3:20:22 PM



#18
Hexachloroethane
Concen: 1.942 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

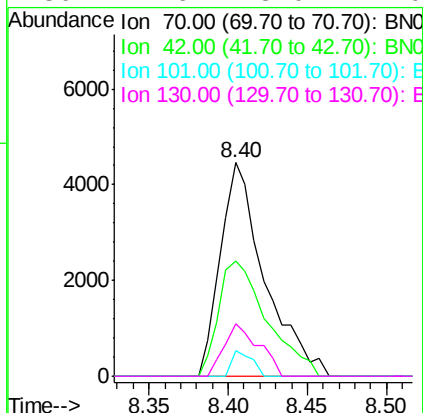
Tgt Ion:	117	Resp:	4680
Ion	Ratio	Lower	Upper
117	100		
119	109.6	77.8	116.6
201	112.5	81.4	122.2





#19
n-Nitroso-di-n-propylamine
Concen: 1.723 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.5	65.3
101	12.0	8.6	12.8
130	24.6	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

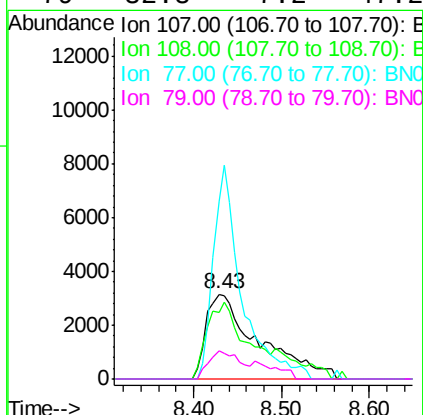
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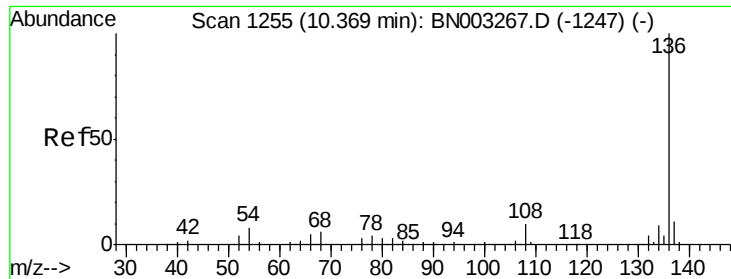
Sohil

10/25/2018 3:20:22 PM

#20
3+4-Methylphenols
Concen: 1.829 ng m
RT: 8.43 min Scan# 925
Delta R.T. 0.04 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.0	67.8	107.8
77	210.3	12.1	52.1#
79	32.8	7.2	47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

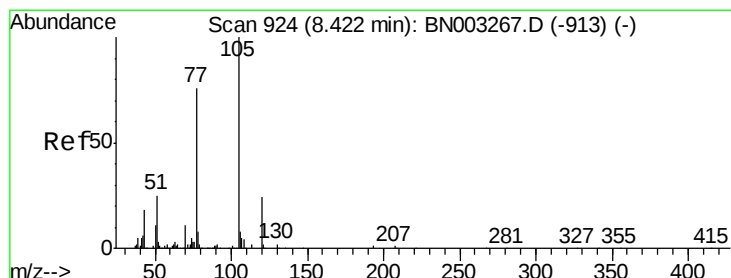
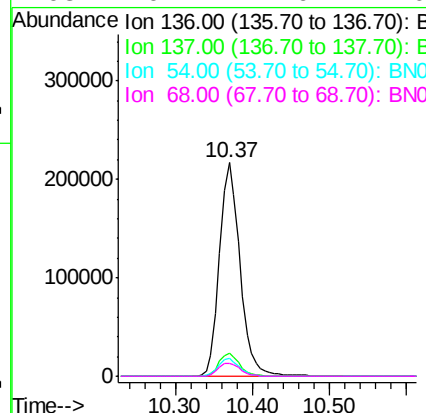
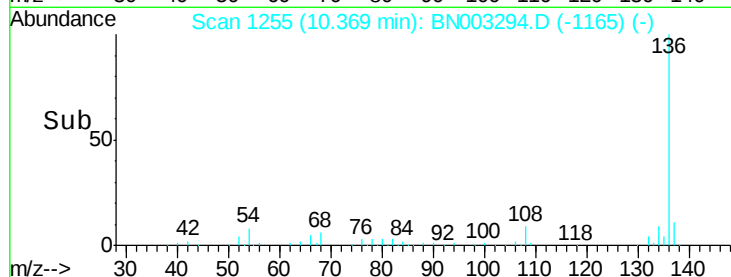
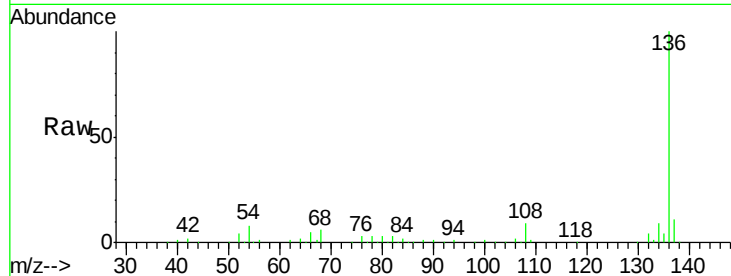
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	399876		
137	11.0	8.7	13.1	
54	8.4	6.6	10.0	
68	6.2	4.6	7.0	

Manual Integrations
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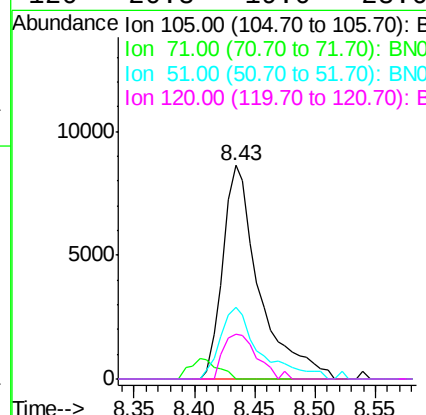
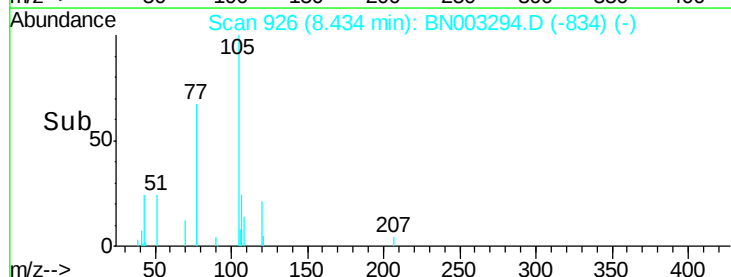
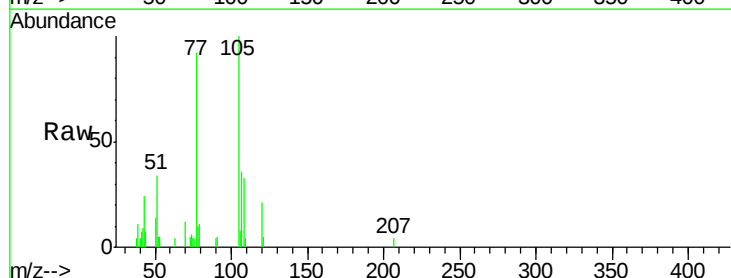
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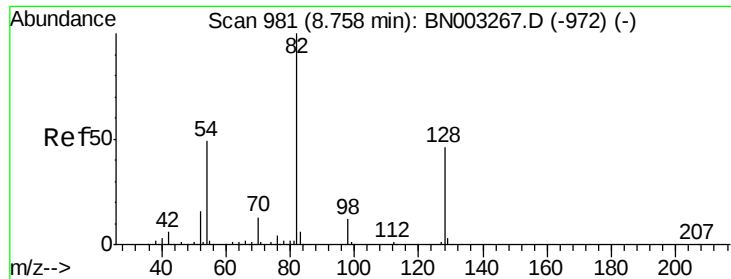
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#22
Acetophenone
Concen: 1.862 ng
RT: 8.43 min Scan# 926
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	18051		
71	0.0	1.3	1.9#	
51	33.5	20.5	30.7#	
120	20.8	19.0	28.6	





#23
Nitrobenzene-d5
Concen: 83.208 ng
RT: 8.75 min Scan# 980
Delta R.T. -0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

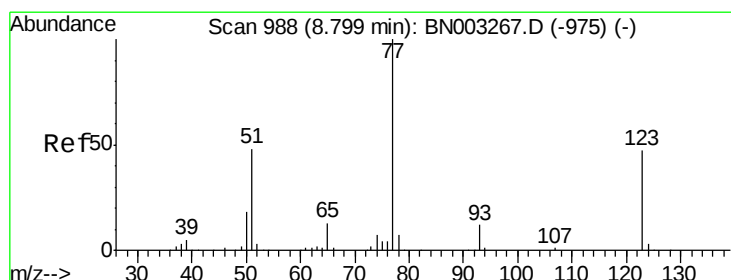
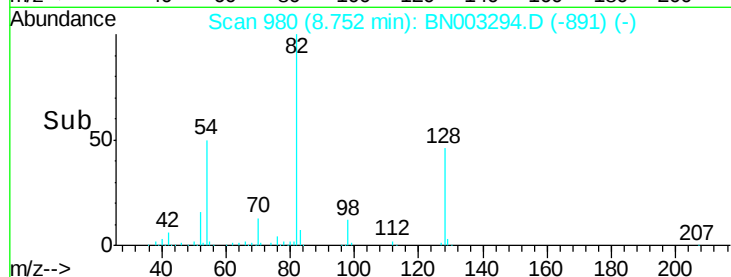
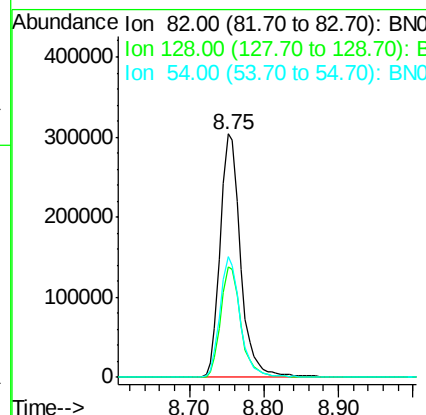
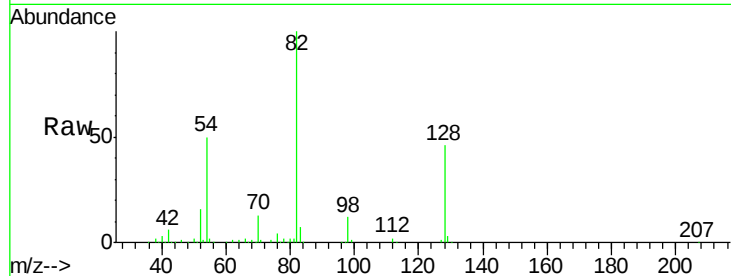
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 82 Resp: 580181
Ion Ratio Lower Upper
82 100
128 45.5 37.1 55.7
54 49.8 39.4 59.2

Manual Integrations
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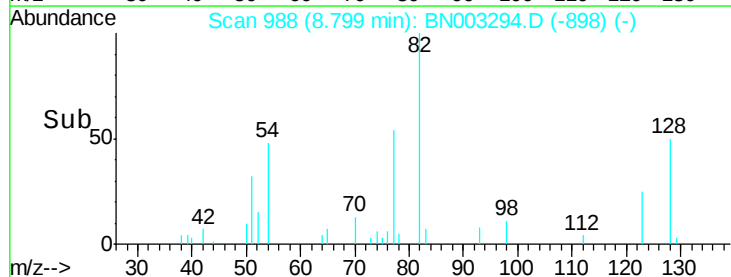
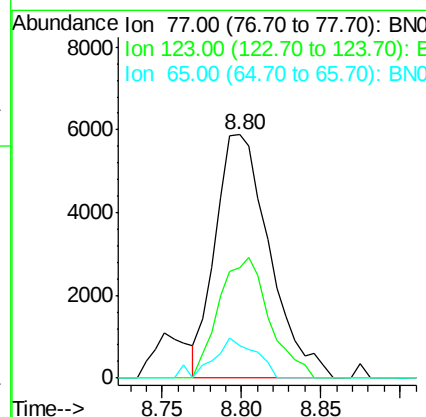
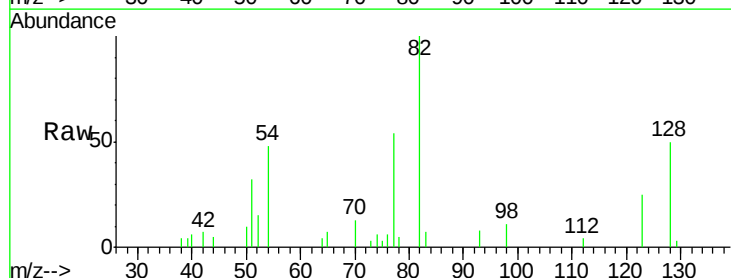
Sohil

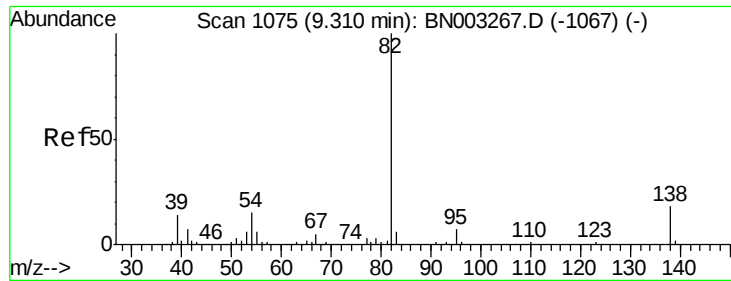
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#24
Nitrobenzene
Concen: 1.963 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion: 77 Resp: 13965
Ion Ratio Lower Upper
77 100
123 45.5 37.8 56.6
65 13.1 10.7 16.1





#25

Isophorone

Concen: 2.070 ng

RT: 9.32 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 82 Resp: 25322

Ion Ratio Lower Upper

82 100

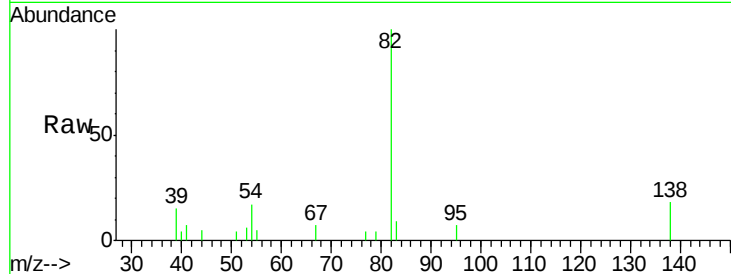
95 7.2 5.4 8.0

138 17.7 14.5 21.7

Manual Integrations
APPROVED

Sohil

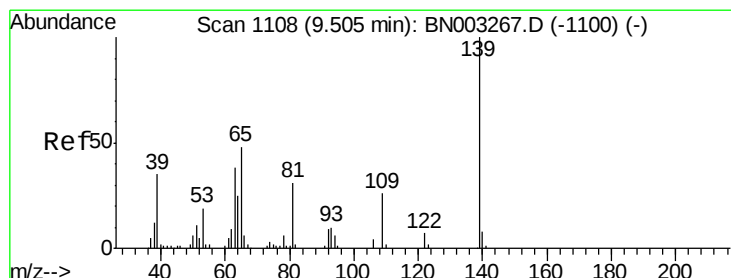
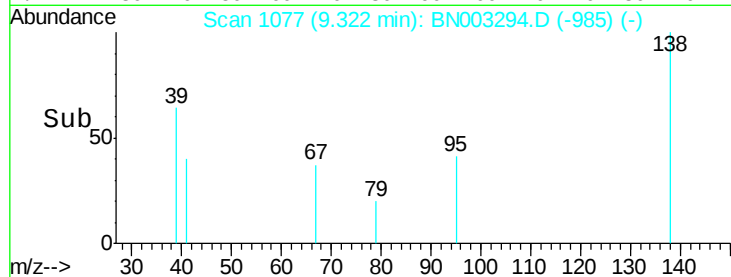
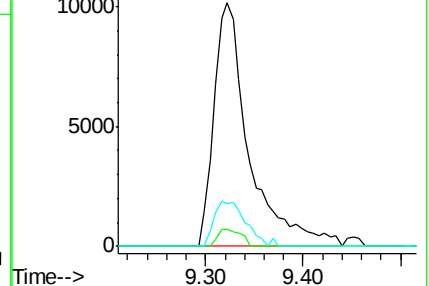
10/25/2018 3:20:22 PM



Abundance Ion 82.00 (81.70 to 82.70): BN003267.D (-1067) (-)

Ion 95.00 (94.70 to 95.70): BN003267.D (-1067) (-)

Ion 138.00 (137.70 to 138.70): BN003267.D (-1067) (-)



#26

2-Nitrophenol

Concen: 1.412 ng

RT: 9.53 min Scan# 1113

Delta R.T. 0.03 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

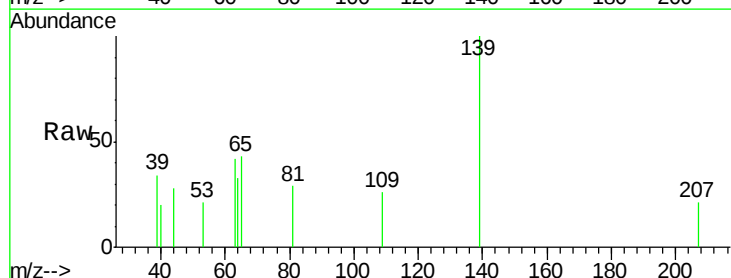
Tgt Ion: 139 Resp: 5289

Ion Ratio Lower Upper

139 100

109 26.0 20.5 30.7

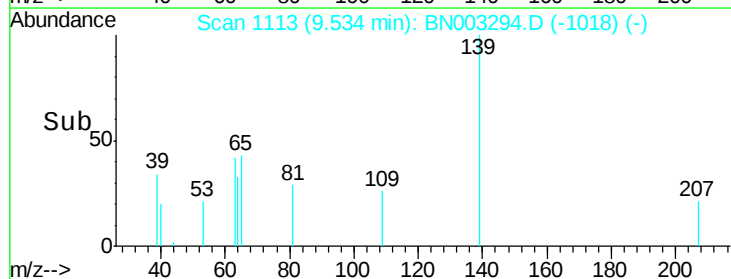
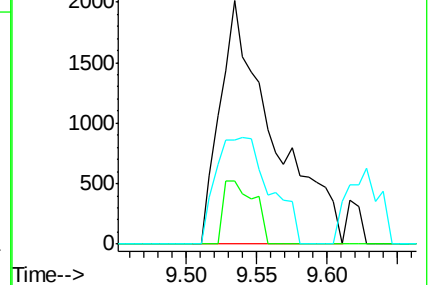
65 42.8 38.4 57.6

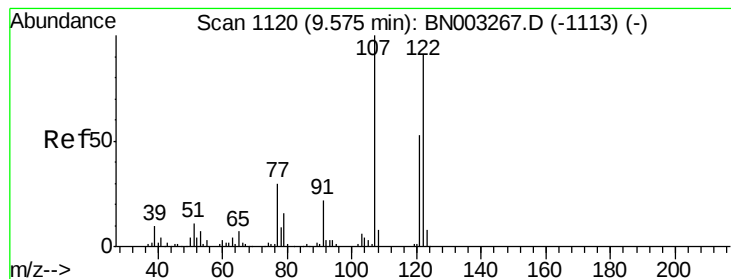


Abundance Ion 139.00 (138.70 to 139.70): BN003267.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BN003267.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BN003267.D (-1100) (-)





#27
2,4-Dimethylphenol
Concen: 1.935 ng
RT: 9.62 min Scan# 1128
Delta R.T. 0.05 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

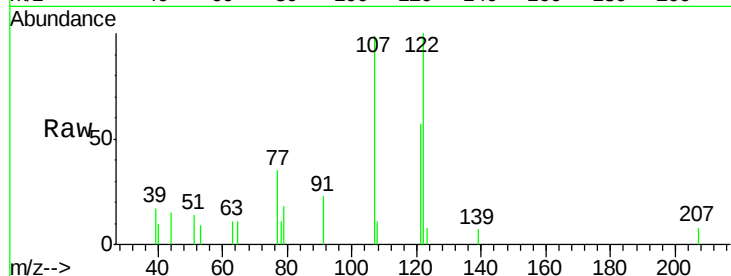
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
122	100		
107	98.8	87.8	131.6
121	56.9	46.9	70.3

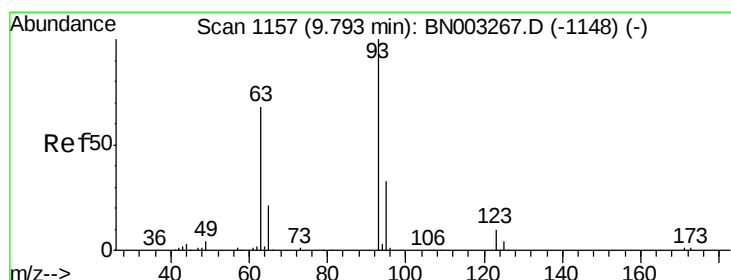
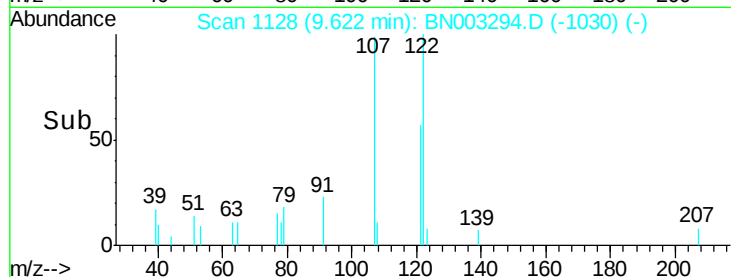
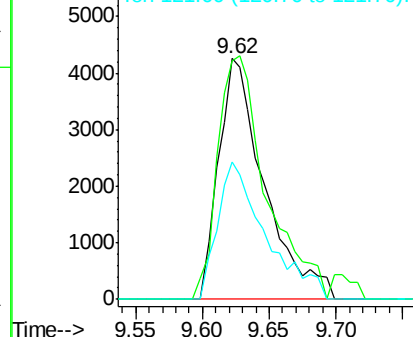
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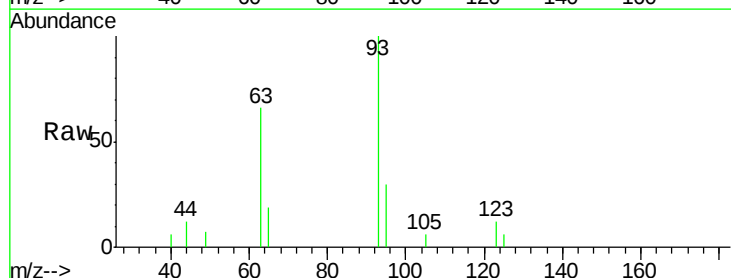


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

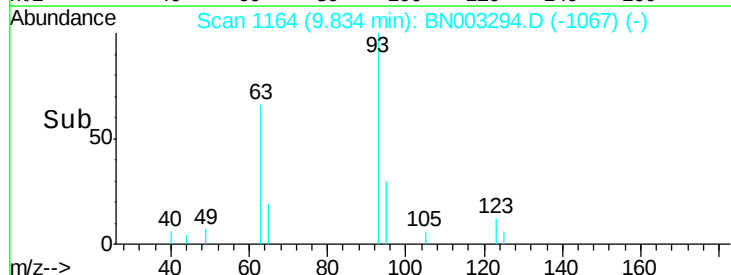
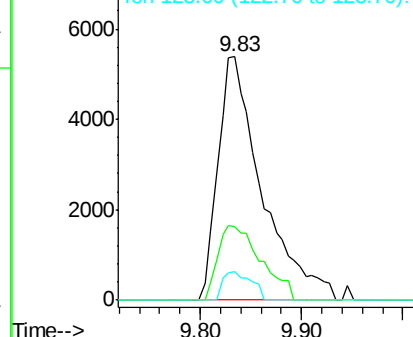


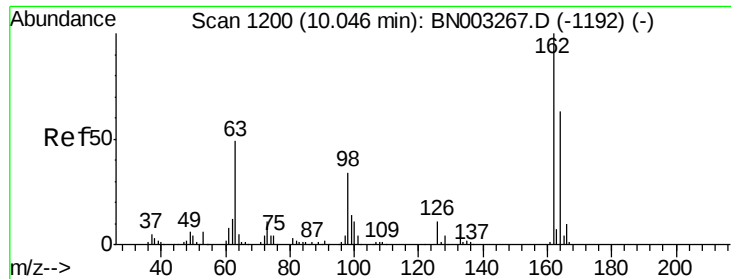
#28
bis(2-Chloroethoxy)methane
Concen: 1.966 ng
RT: 9.83 min Scan# 1164
Delta R.T. 0.04 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	26.2	39.4
123	11.6	9.1	13.7



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 95.00 (94.70 to 95.70): BNC
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 1.577 ng

RT: 10.12 min Scan# 1213

Delta R.T. 0.08 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

ClientSampleId :

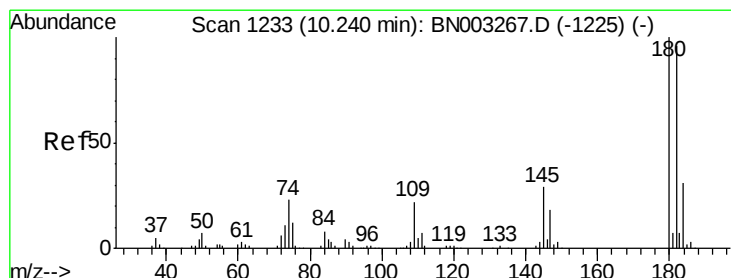
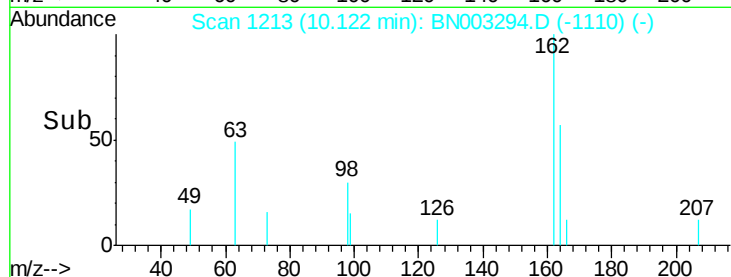
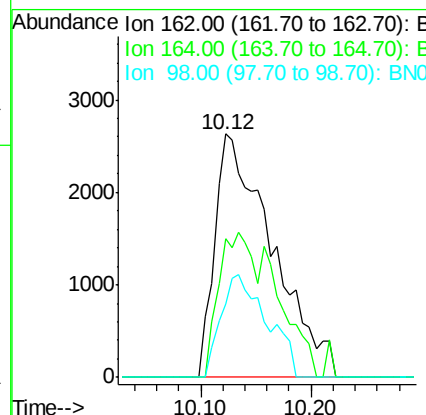
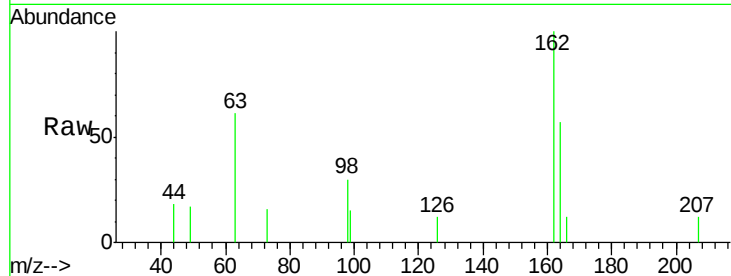
MDL-WATER-03-QT4-2018

Tgt Ion:	162	Resp:	9473
Ion Ratio	Lower	Upper	
162	100		
164	56.9	42.5	82.5
98	30.2	14.0	54.0

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#30

1,2,4-Trichlorobenzene

Concen: 1.904 ng

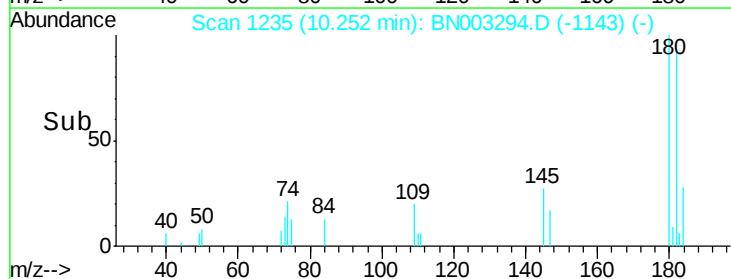
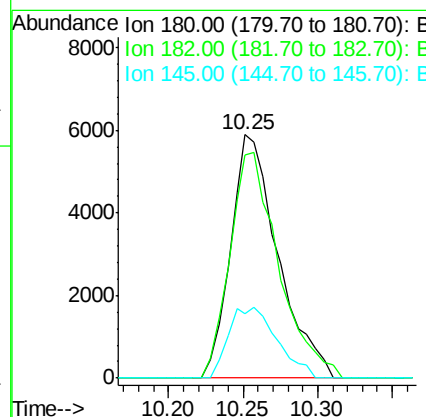
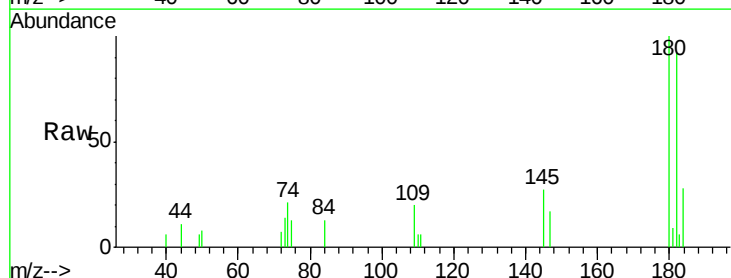
RT: 10.25 min Scan# 1235

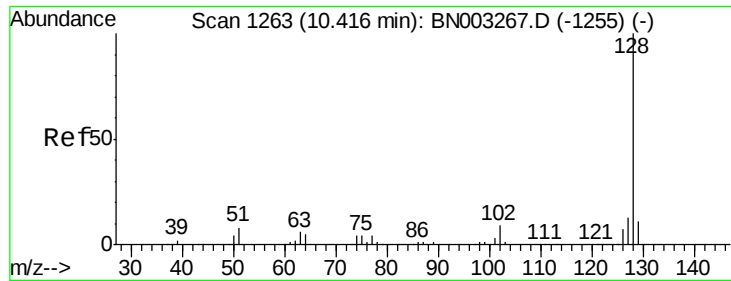
Delta R.T. 0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	180	Resp:	13007
Ion Ratio	Lower	Upper	
180	100		
182	91.6	76.4	114.6
145	26.6	23.6	35.4





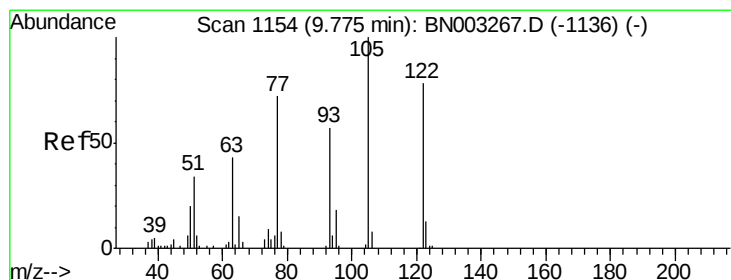
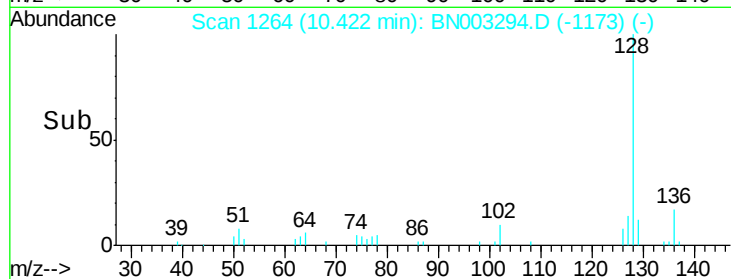
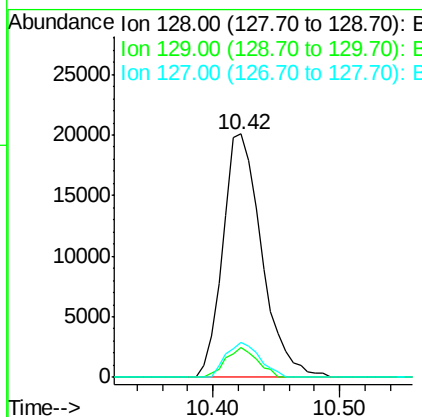
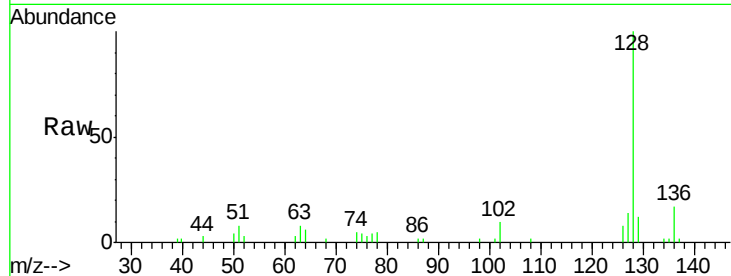
#31
Naphthalene
Concen: 2.180 ng
RT: 10.42 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	14.4	10.4	15.6

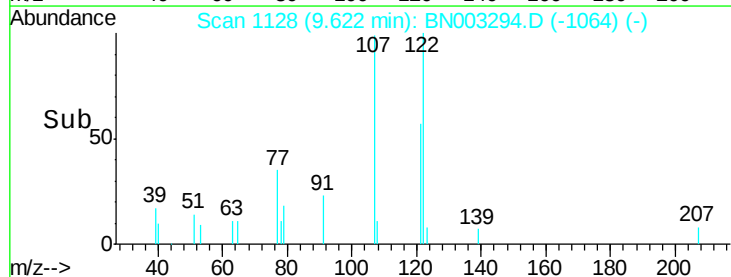
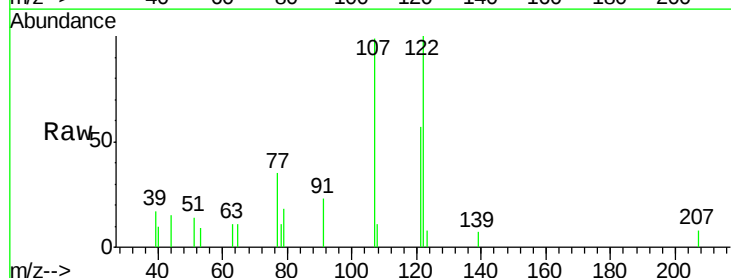
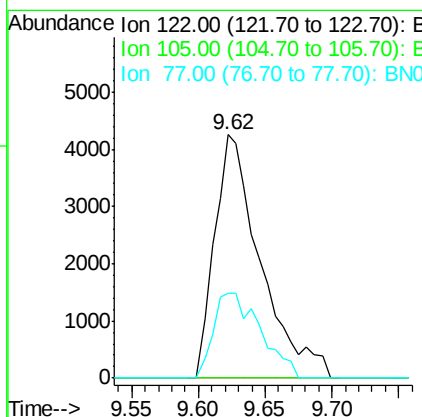
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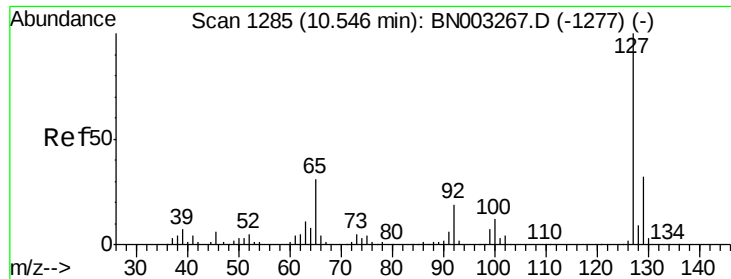
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#32
Benzoic acid
Concen: 7.032 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.15 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.8	146.8#
77	34.7	71.9	111.9#





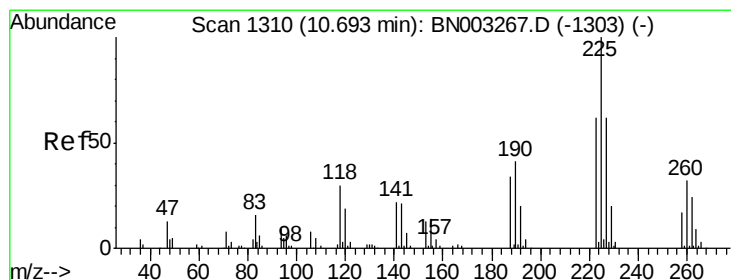
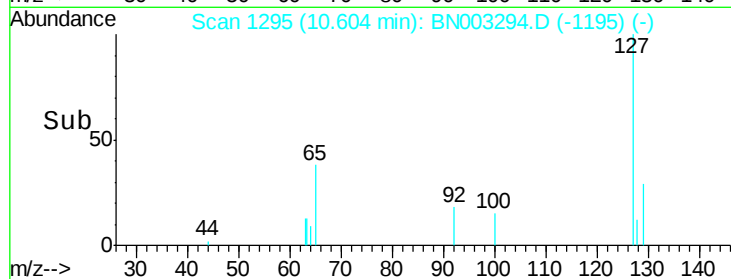
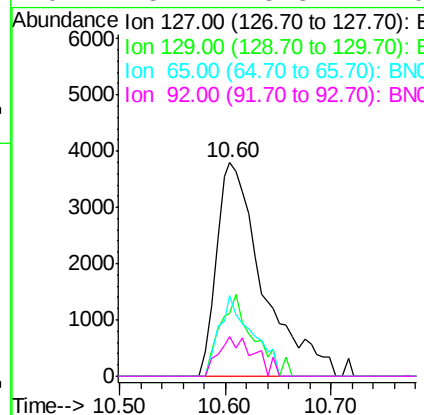
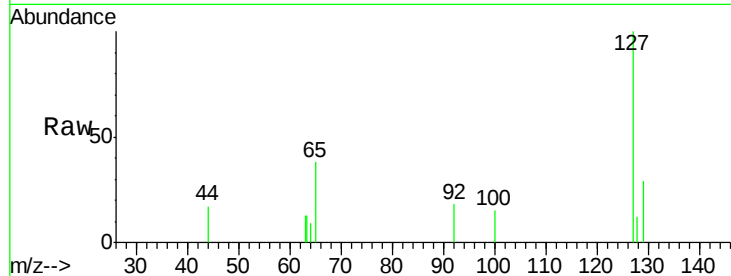
#33
4-Chloroaniline
Concen: 1.341 ng
RT: 10.60 min Scan# 1295
Delta R.T. 0.06 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	11581		
129	29.5	25.8	38.6	
65	37.5	24.6	36.8	
92	18.4	15.3	22.9	

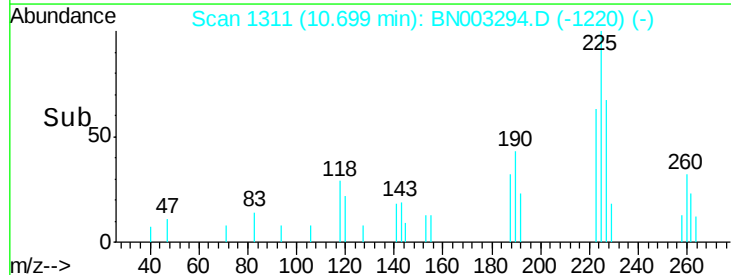
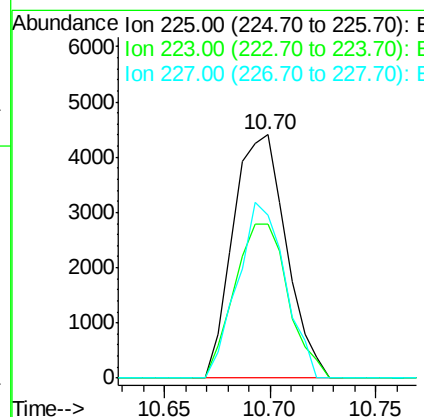
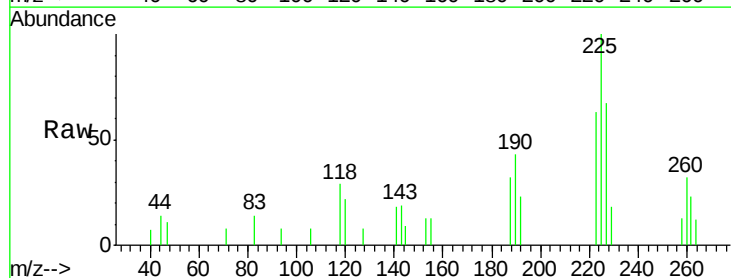
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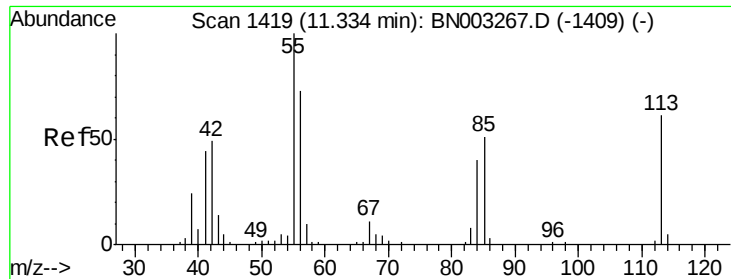
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#34
Hexachlorobutadiene
Concen: 1.885 ng
RT: 10.70 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	7682		
223	63.5	49.8	74.8	
227	67.1	49.6	74.4	





#35

Caprolactam

Concen: 0.730 ng

RT: 11.37 min Scan# 1425

Delta R.T. 0.04 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

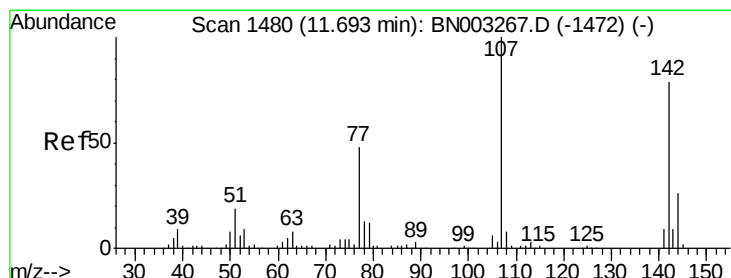
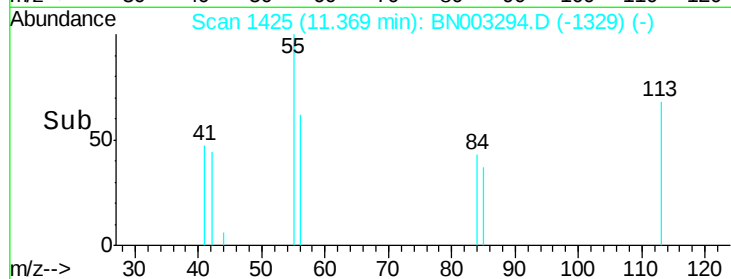
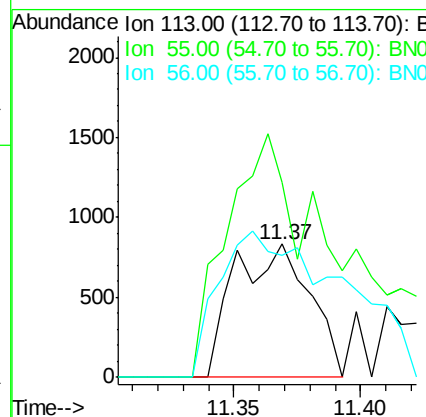
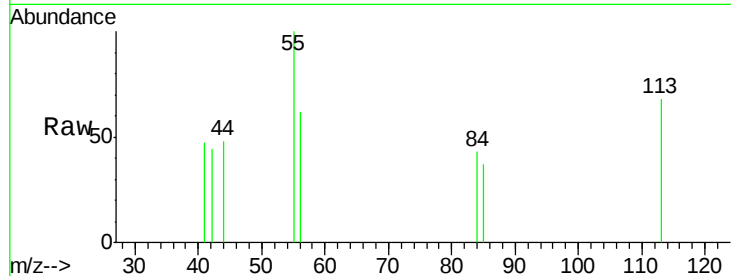
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:113 Resp: 1718
 Ion Ratio Lower Upper
 113 100
 55 147.0 144.2 184.2
 56 91.5 100.6 140.6#

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#36

4-Chloro-3-methylphenol

Concen: 1.690 ng

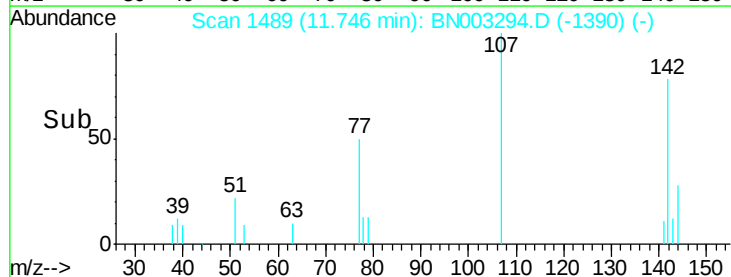
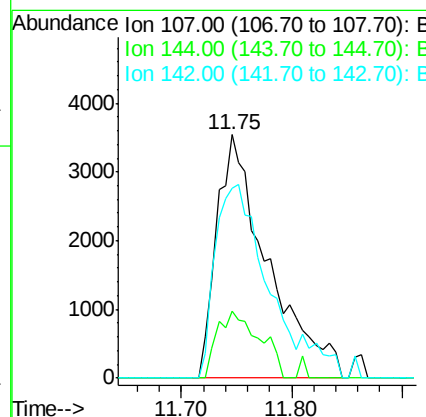
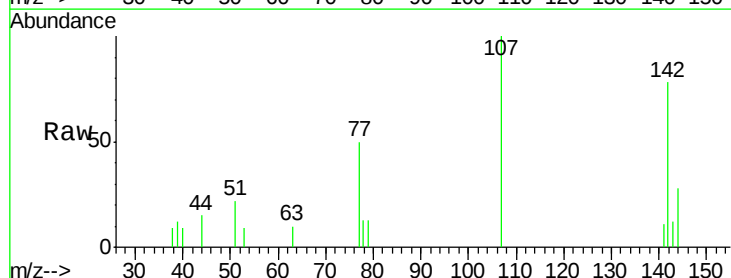
RT: 11.75 min Scan# 1489

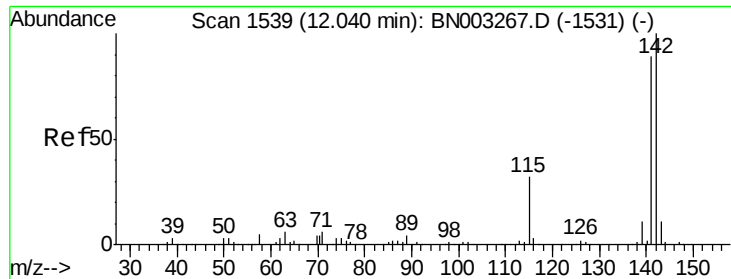
Delta R.T. 0.05 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:107 Resp: 11329
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.8 31.2
 142 78.0 63.5 95.3





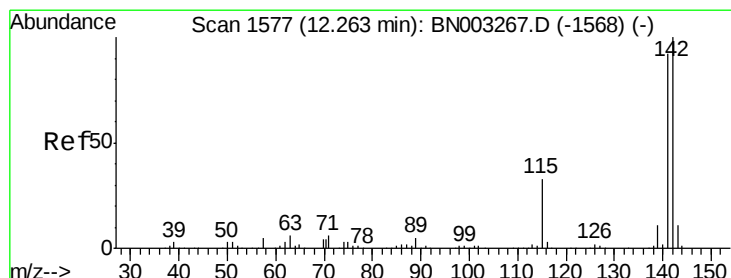
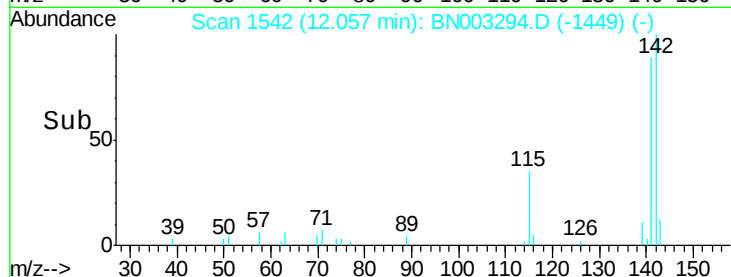
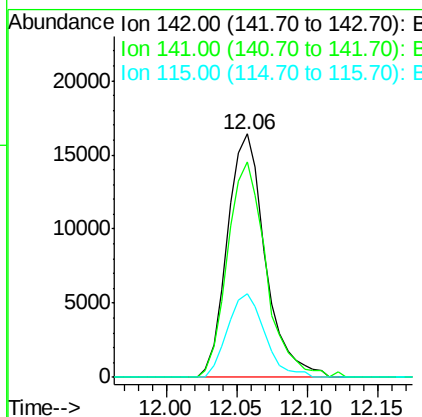
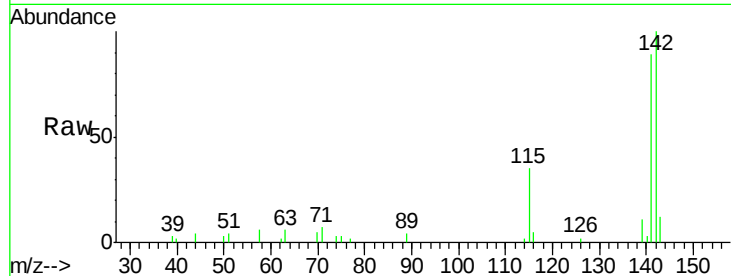
#37
 2-Methylnaphthalene
 Concen: 2.205 ng
 RT: 12.06 min Scan# 1542
 Delta R.T. 0.02 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	34.5	25.5	38.3

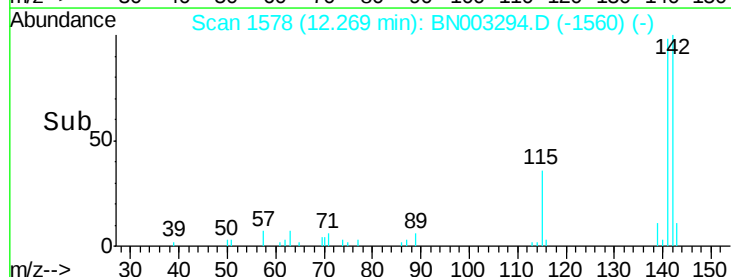
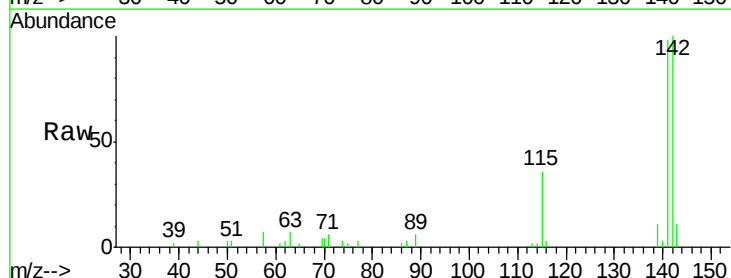
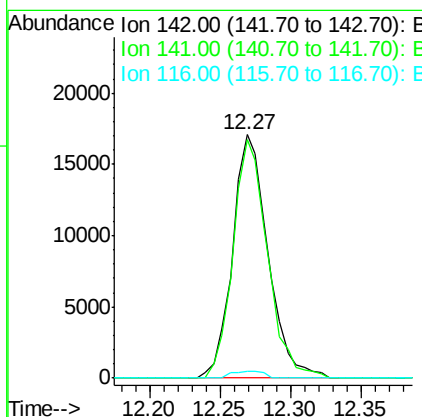
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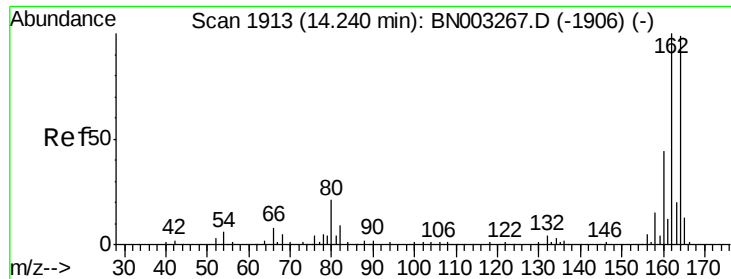
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#38
 1-Methylnaphthalene
 Concen: 2.189 ng
 RT: 12.27 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.1	73.6	110.4
116	2.8	2.8	4.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

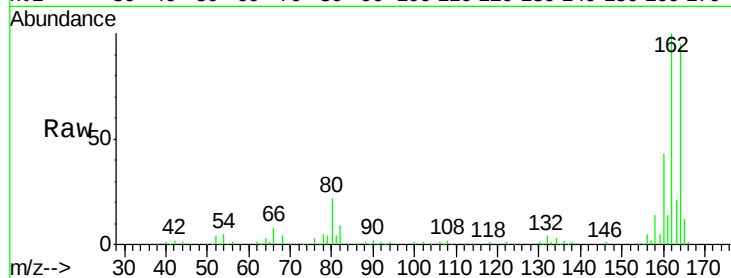
ClientSampleId :

MDL-WATER-03-QT4-2018

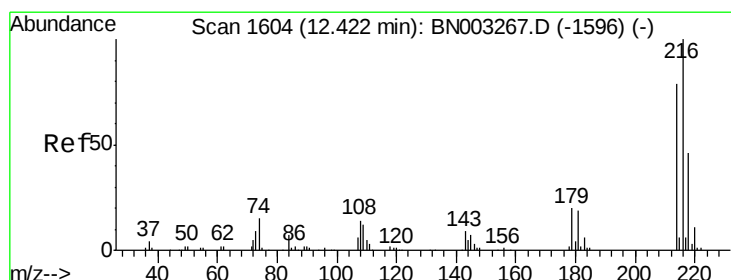
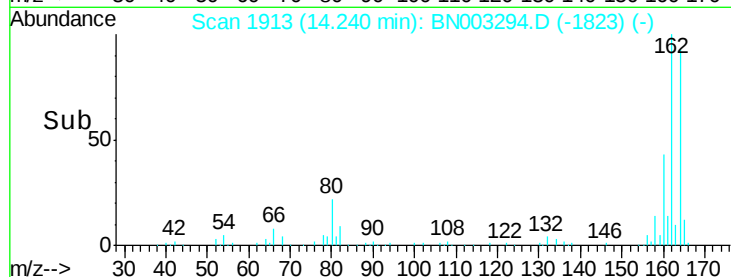
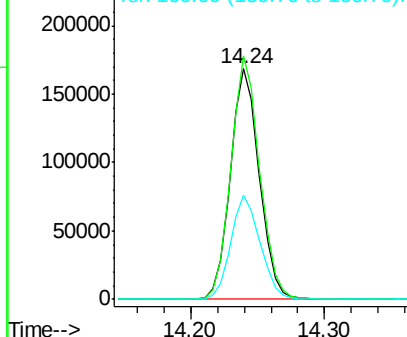
Tgt Ion:	164	Resp:	254073
Ion Ratio	Lower	Upper	
164	100		
162	105.6	80.8	121.2
160	45.3	35.5	53.3

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 1.832 ng

RT: 12.43 min Scan# 1606

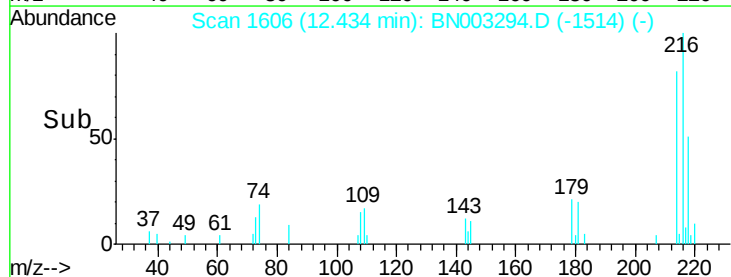
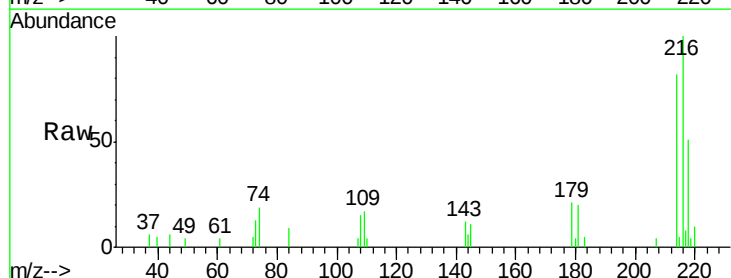
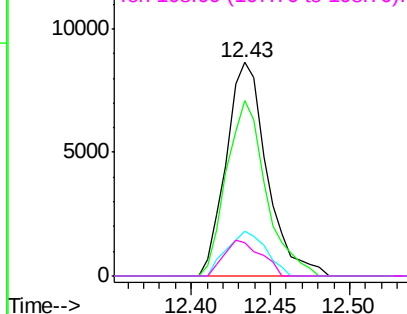
Delta R.T. 0.01 min

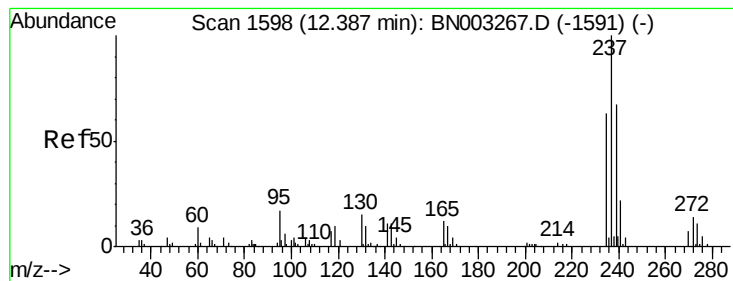
Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	216	Resp:	15395
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.8	94.2
179	20.1	16.0	24.0
108	15.1	12.9	19.3

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





#41

Hexachlorocyclopentadiene

Concen: 9.058 ng

RT: 12.39 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

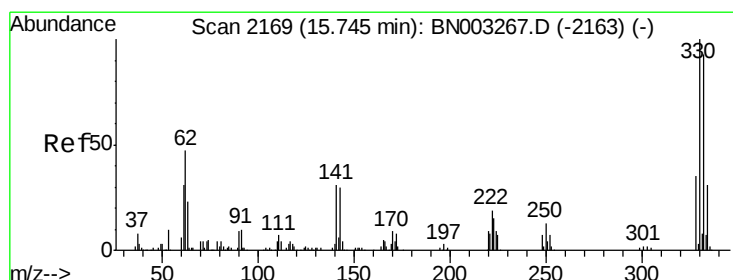
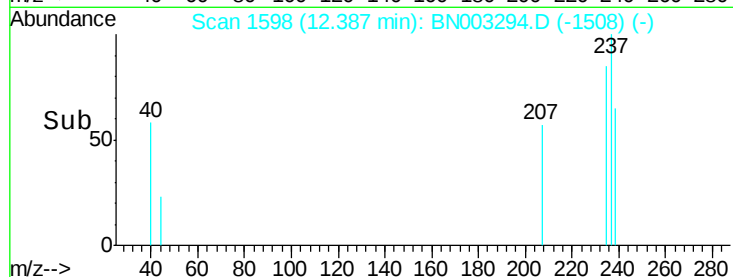
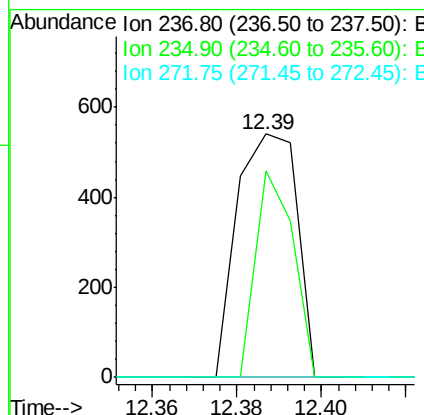
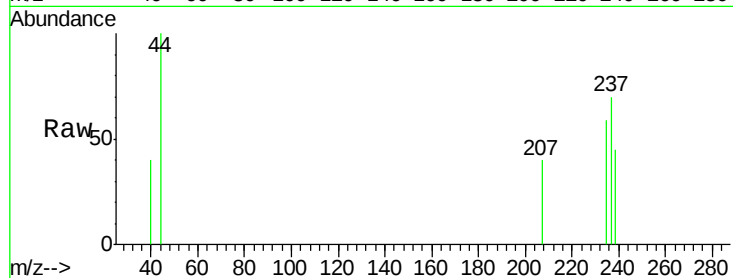
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
237	100		
235	84.7	42.8	82.8#
272	0.0	0.0	33.5

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#42

2,4,6-Tribromophenol

Concen: 150.964 ng

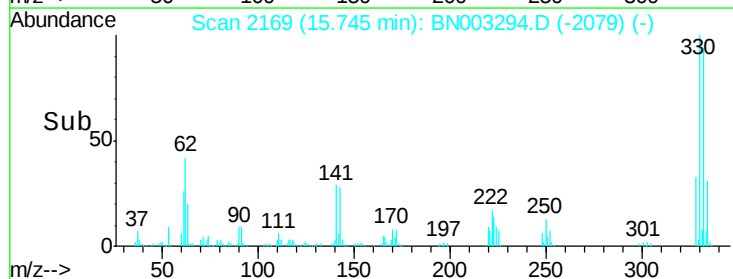
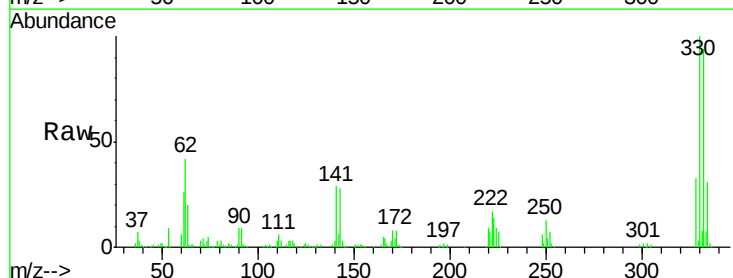
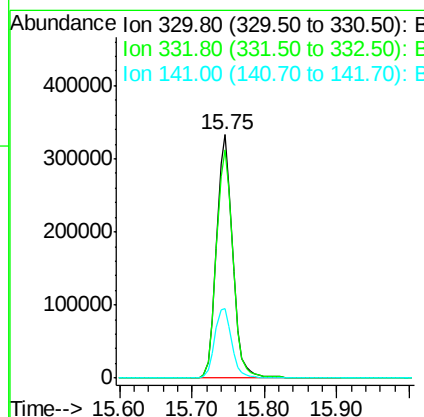
RT: 15.75 min Scan# 2169

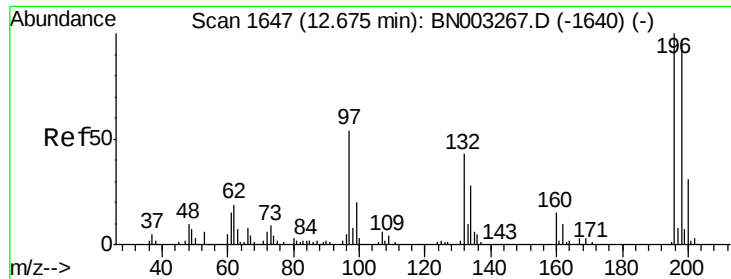
Delta R.T. -0.00 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	30.3	24.5	36.7





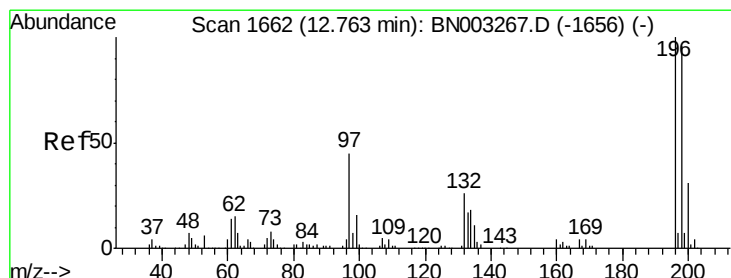
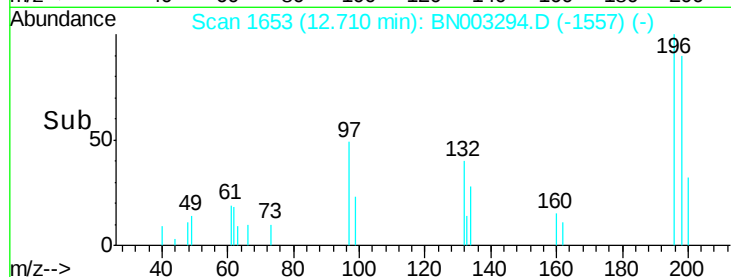
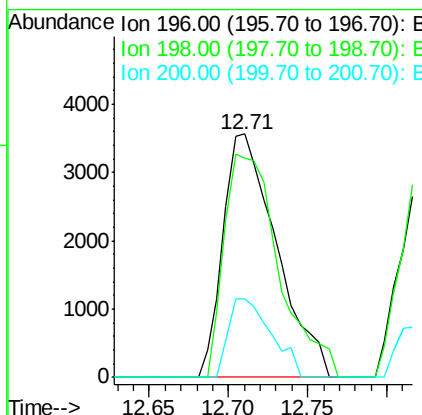
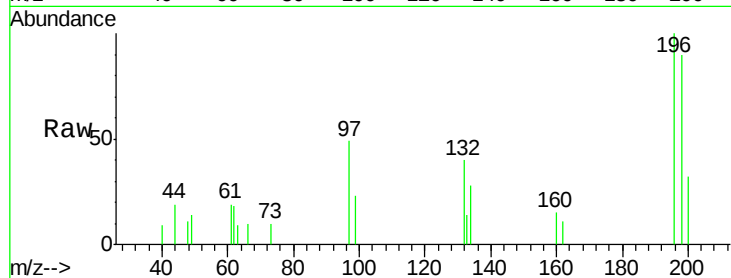
#43
 2,4,6-Trichlorophenol
 Concen: 1.570 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.04 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.3	77.4	116.0
200	32.2	25.0	37.6

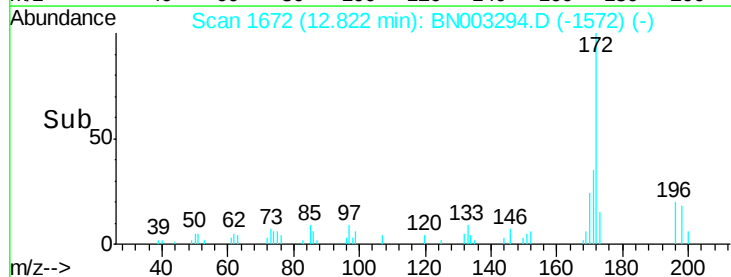
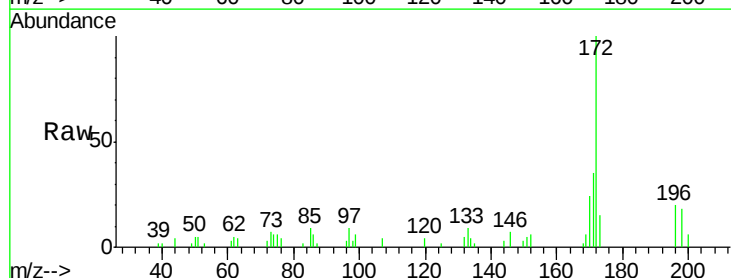
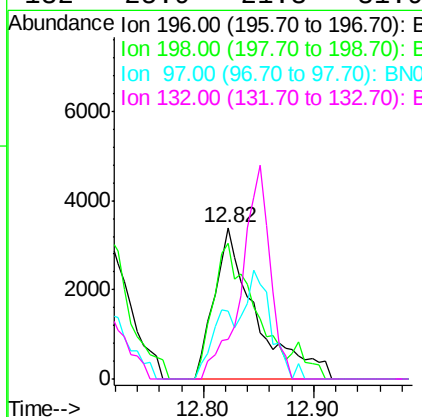
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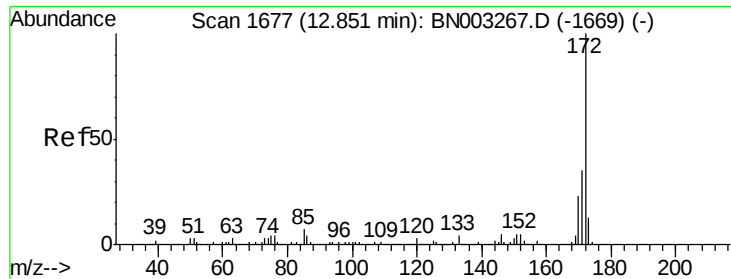
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#44
 2,4,5-Trichlorophenol
 Concen: 1.602 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. 0.06 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.9	76.8	115.2
97	44.5	35.8	53.8
132	25.9	21.3	31.9





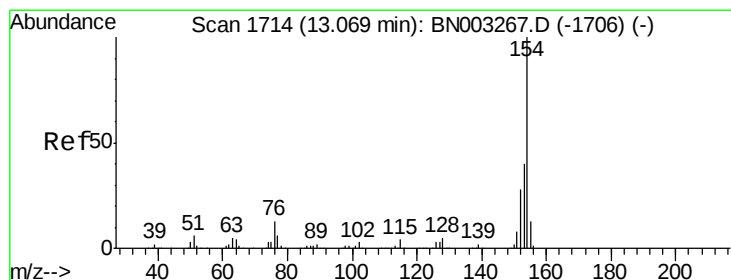
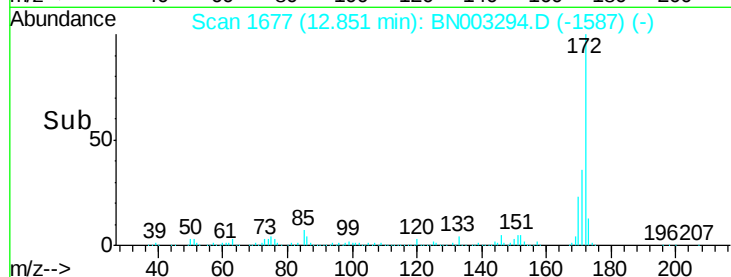
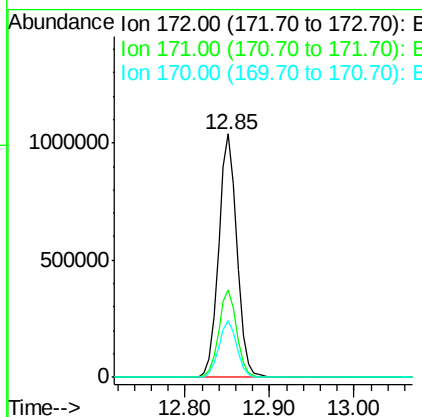
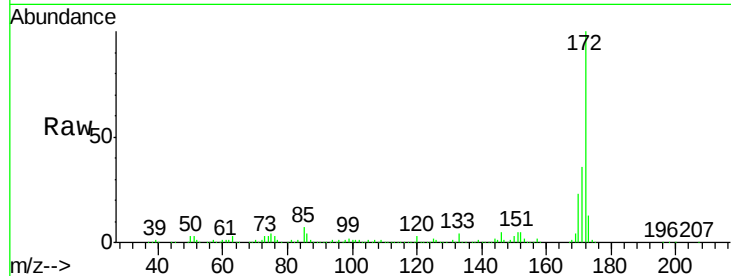
#45
2-Fluorobiphenyl
Concen: 83.781 ng
RT: 12.85 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.2	18.4	27.6

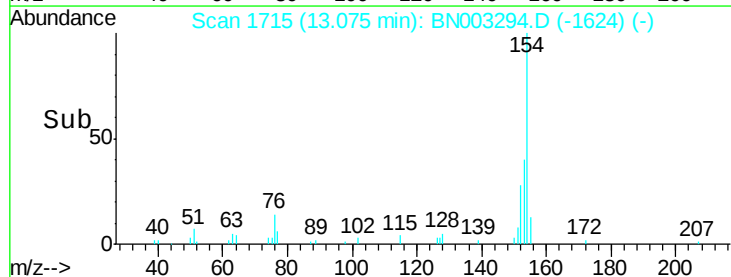
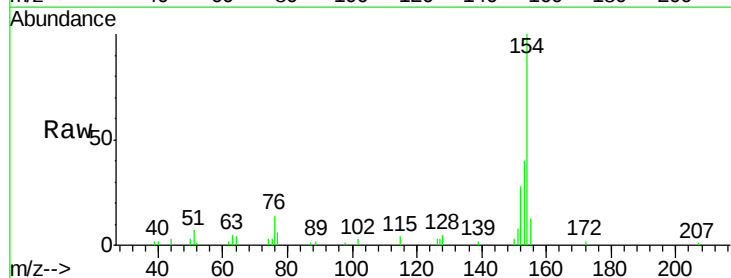
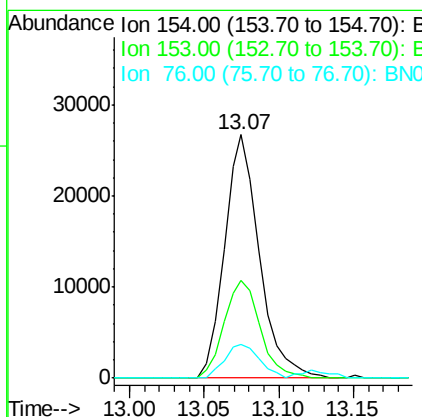
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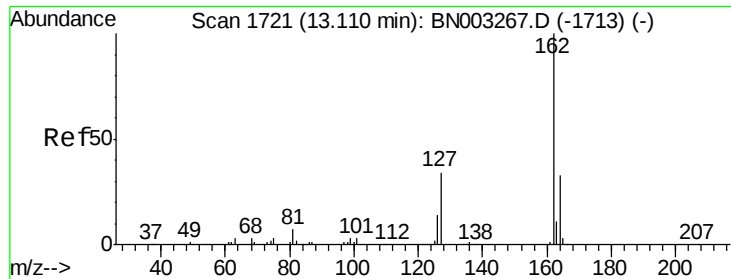
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#46
1,1'-Biphenyl
Concen: 1.957 ng
RT: 13.07 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	14.0	0.0	33.3





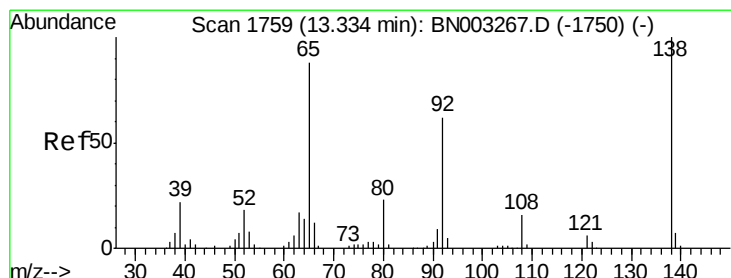
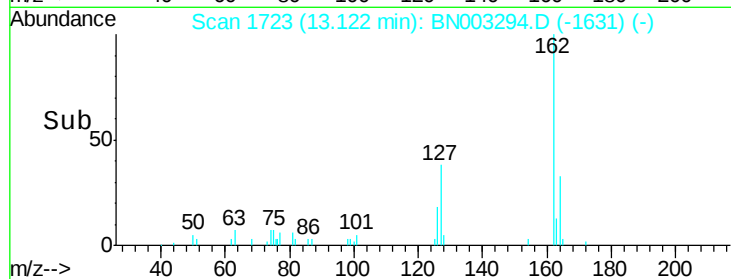
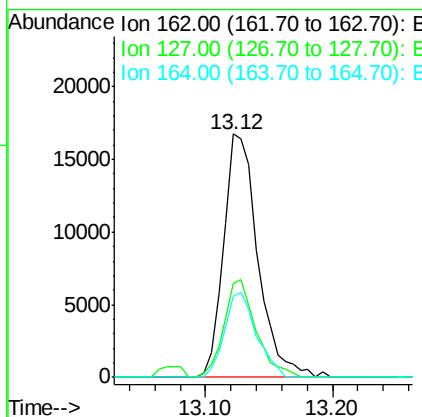
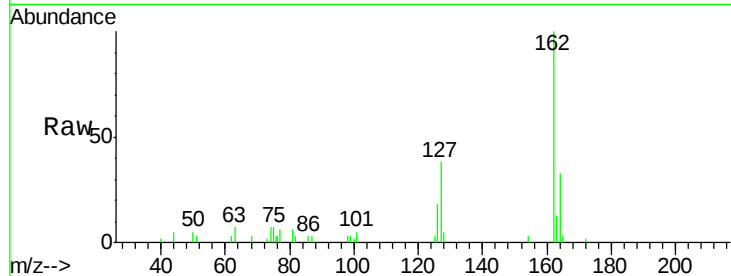
#47
 2-Chloronaphthalene
 Concen: 1.904 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	29.8	44.6
164	33.2	26.3	39.5

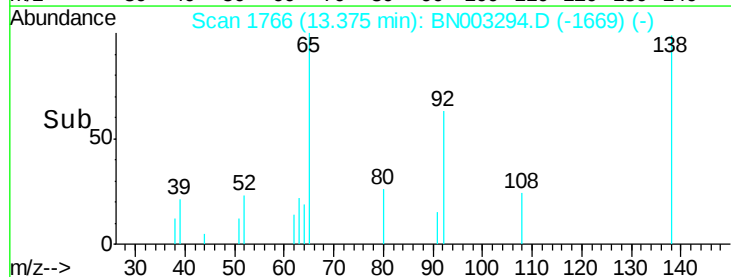
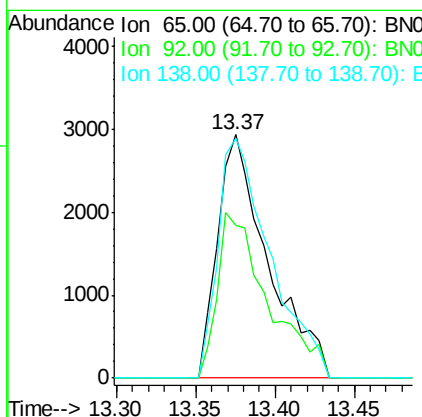
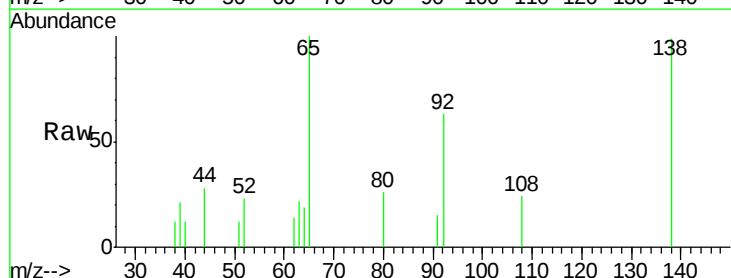
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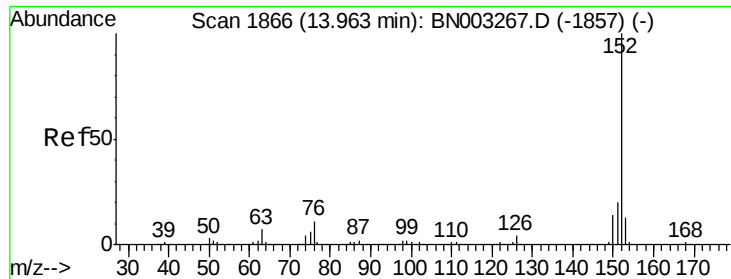
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#48
 2-Nitroaniline
 Concen: 1.343 ng
 RT: 13.37 min Scan# 1766
 Delta R.T. 0.04 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	56.1	84.1
138	98.6	90.6	136.0





#49

Acenaphthylene

Concen: 2.044 ng

RT: 13.97 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

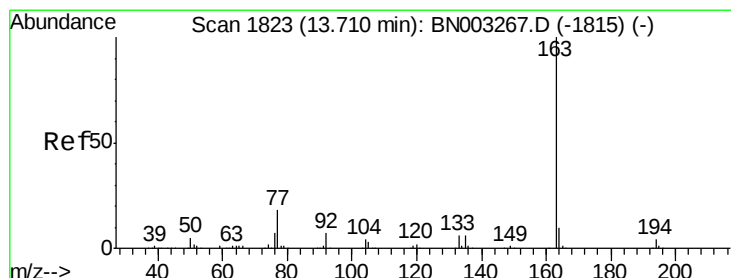
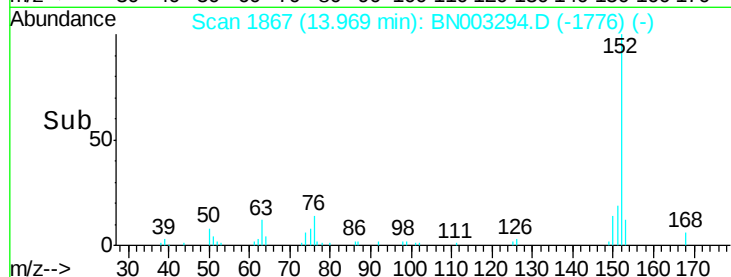
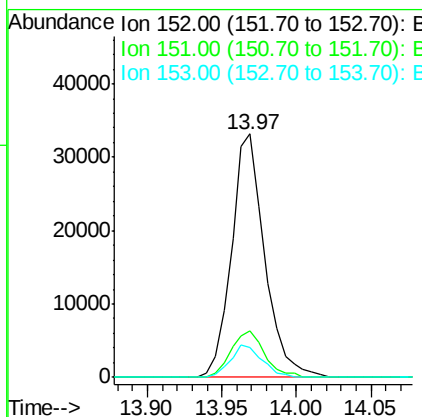
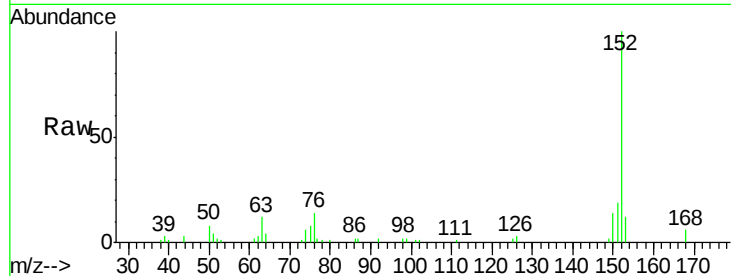
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	152	Resp:	51459
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.8	23.6
153	12.4	10.3	15.5

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#50

Dimethylphthalate

Concen: 2.026 ng

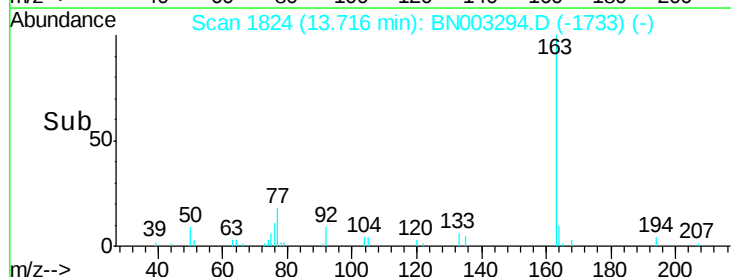
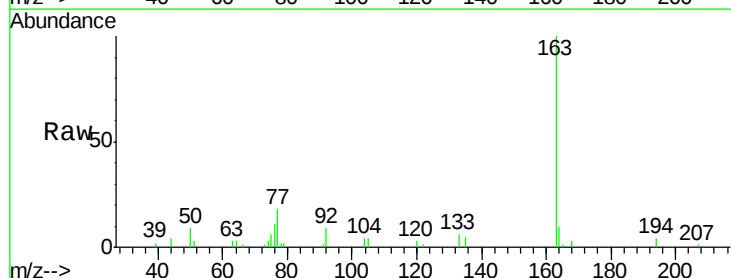
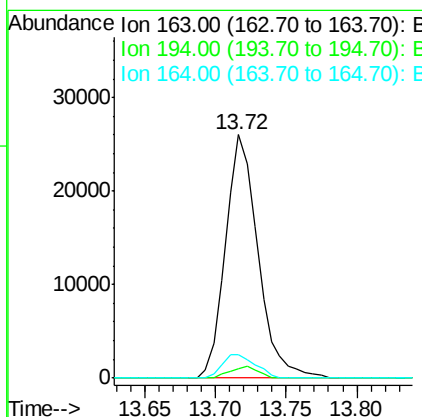
RT: 13.72 min Scan# 1824

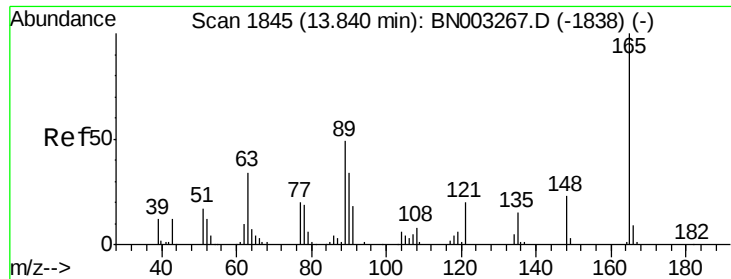
Delta R.T. 0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	163	Resp:	41626
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.2
164	9.7	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 1.687 ng

RT: 13.86 min Scan# 1848

Delta R.T. 0.02 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

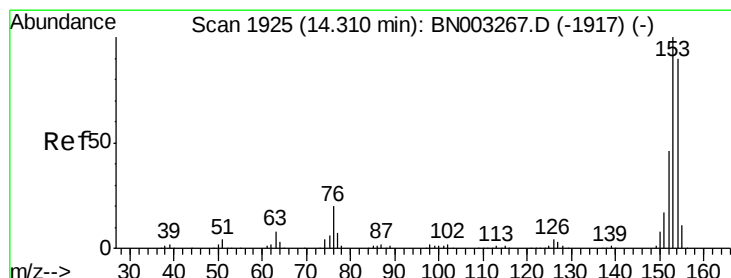
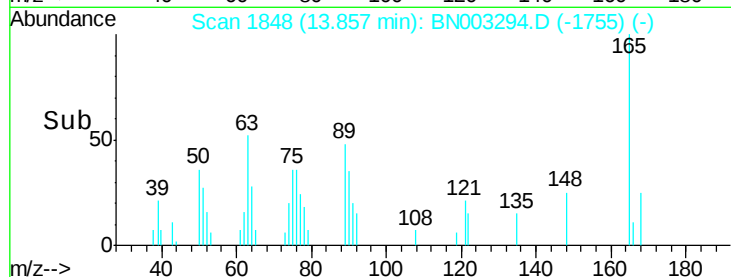
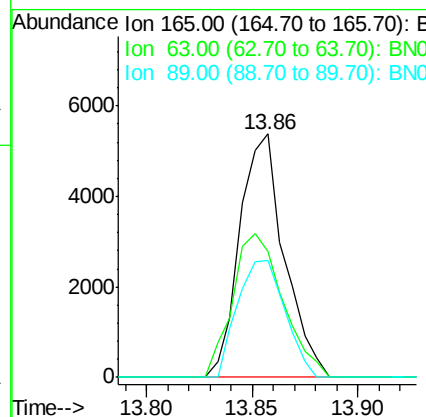
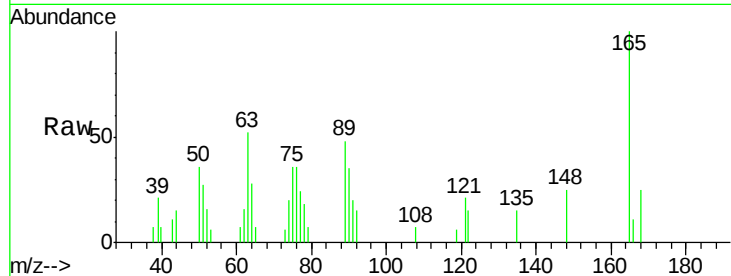
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	165	Resp:	7867
Ion Ratio	Lower	Upper	
165	100		
63	51.9	39.2	58.8
89	48.2	38.9	58.3

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#52

Acenaphthene

Concen: 2.147 ng

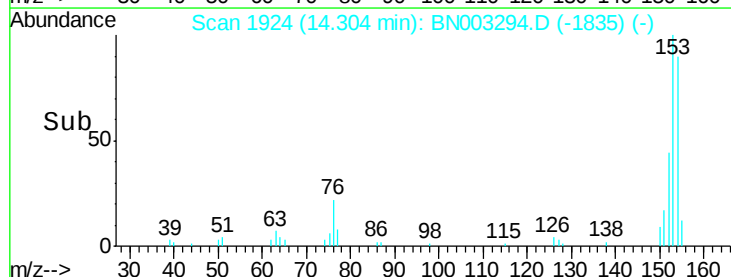
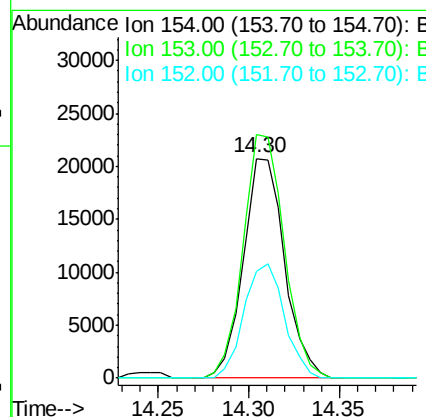
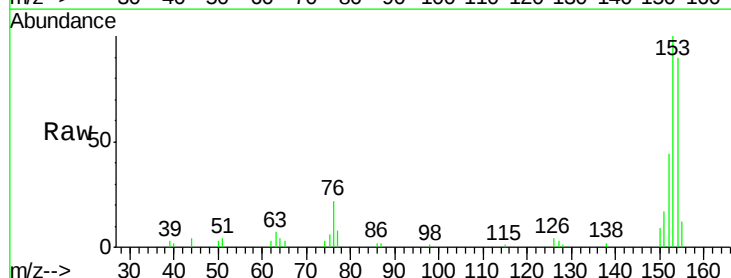
RT: 14.30 min Scan# 1924

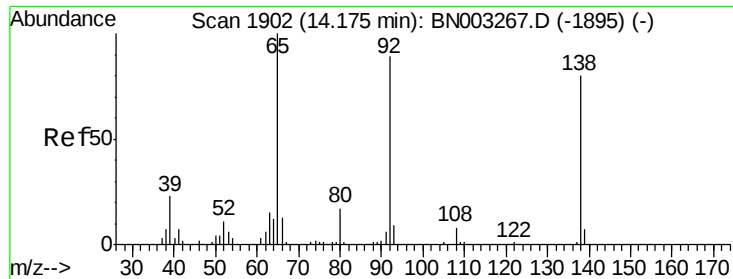
Delta R.T. -0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	154	Resp:	32757
Ion Ratio	Lower	Upper	
154	100		
153	110.9	89.3	133.9
152	48.7	41.2	61.8





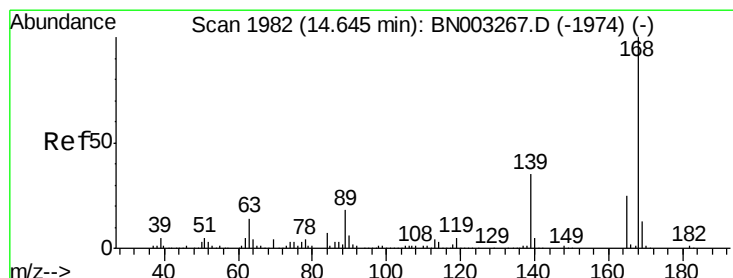
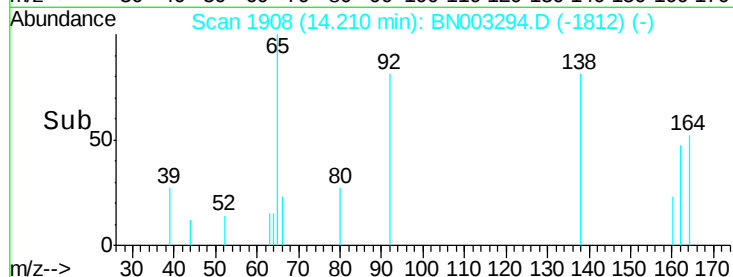
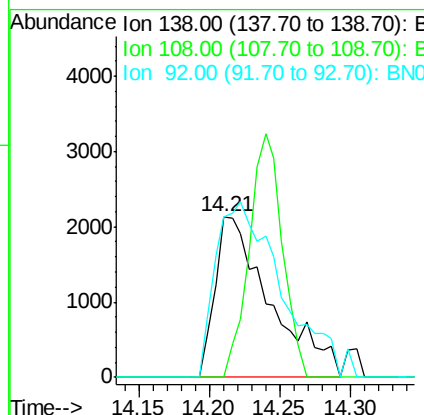
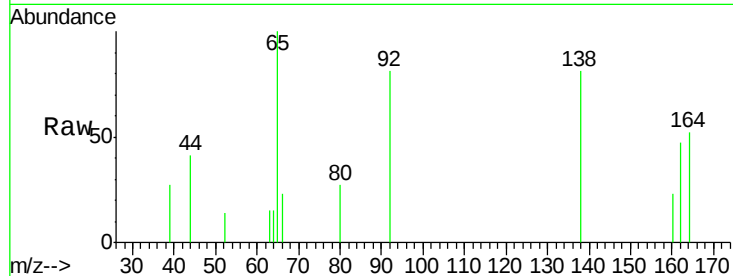
#53
3-Nitroaniline
Concen: 1.168 ng
RT: 14.21 min Scan# 1908
Delta R.T. 0.04 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:138 Resp: 5822
Ion Ratio Lower Upper
138 100
108 0.0 8.4 12.6#
92 99.6 89.6 134.4

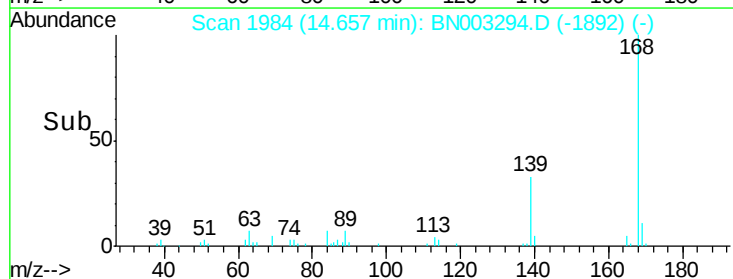
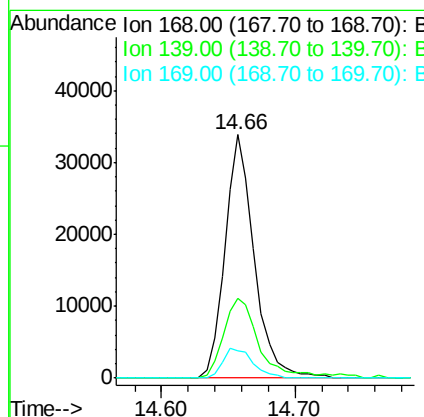
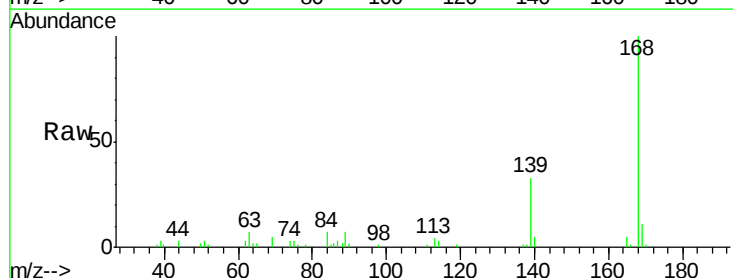
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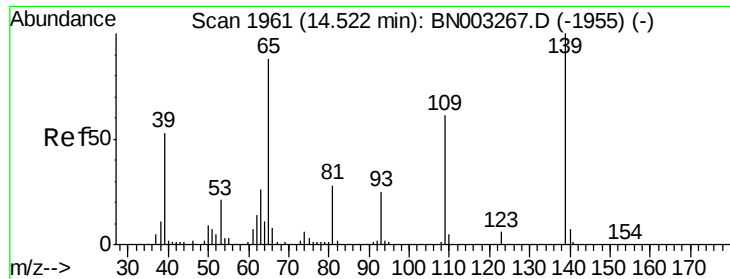
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#55
Dibenzofuran
Concen: 2.095 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion:168 Resp: 51985
Ion Ratio Lower Upper
168 100
139 32.6 28.5 42.7
169 11.2 10.3 15.5





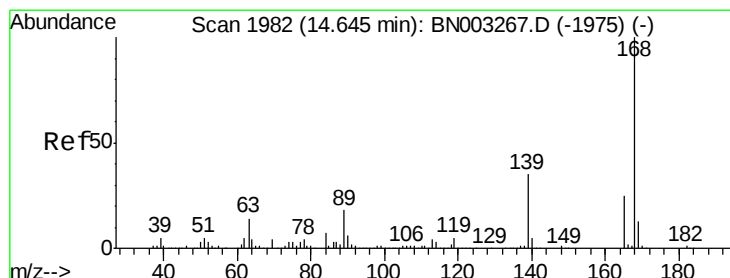
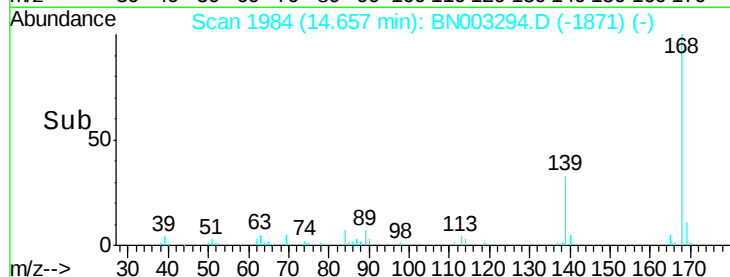
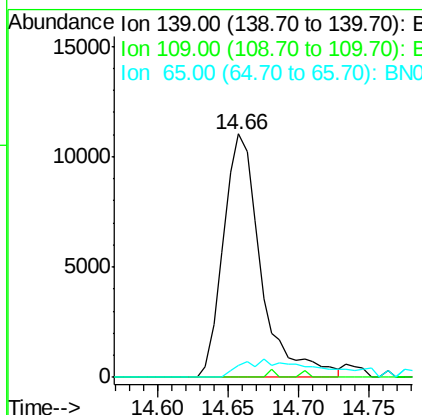
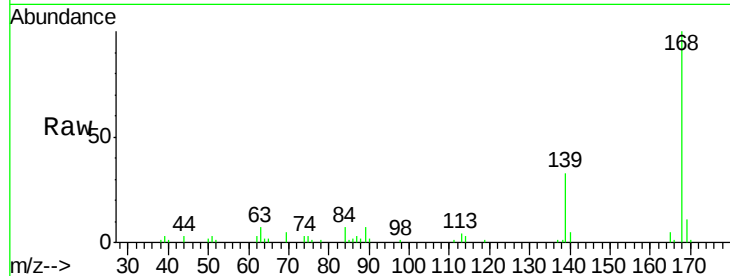
#56
4-Nitrophenol
Concen: 10.734 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.14 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	40.7	80.7#
65	5.0	68.0	108.0#

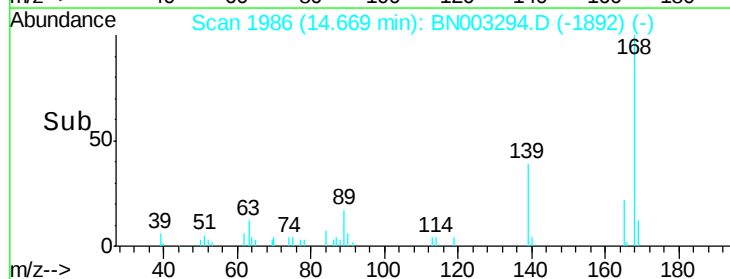
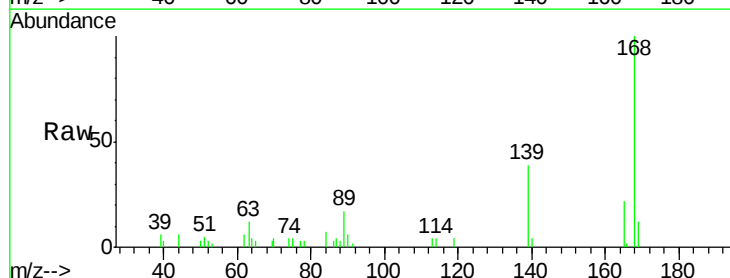
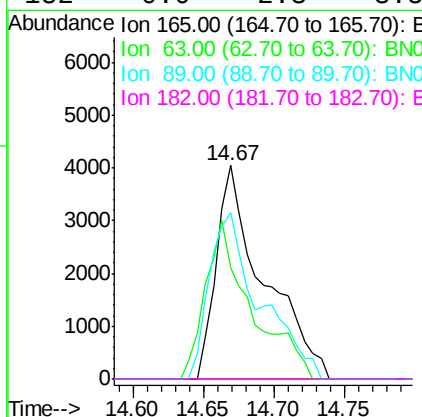
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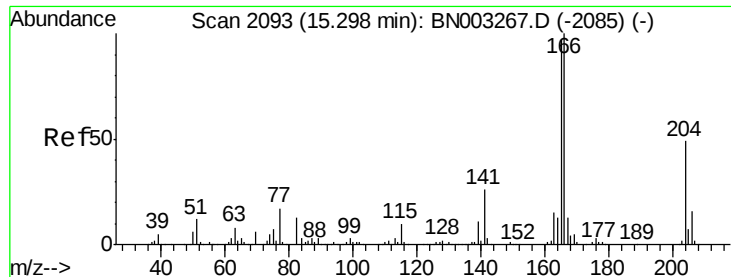
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#57
2,4-Dinitrotoluene
Concen: 1.495 ng
RT: 14.67 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	45.8	68.6
89	77.7	58.7	88.1
182	0.0	2.3	3.5#





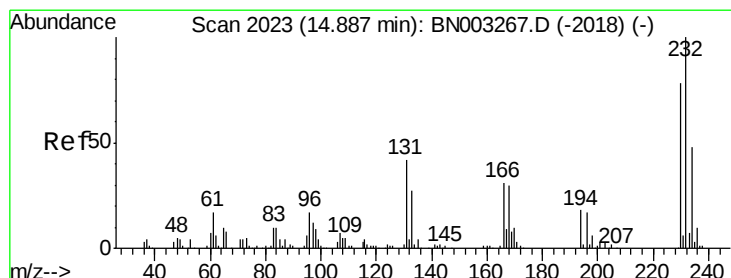
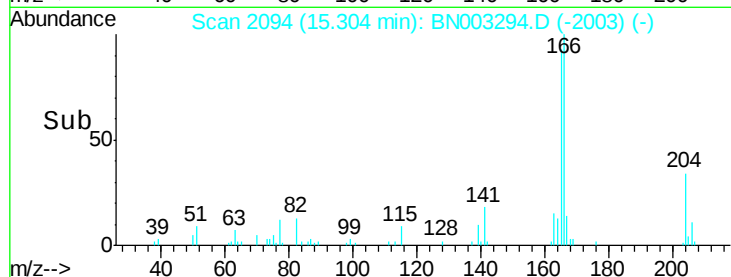
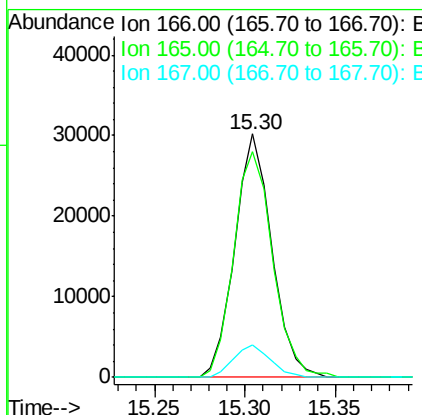
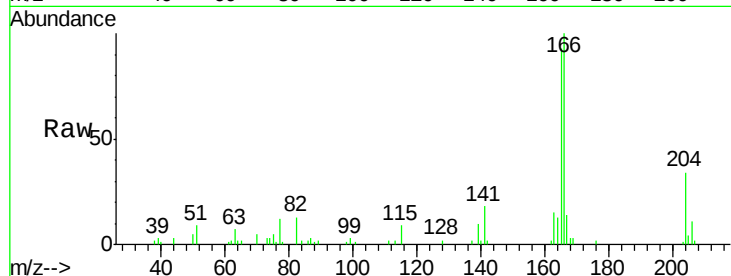
#58
 Fluorene
 Concen: 2.237 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	42831		
165	92.7		77.6	116.4
167	13.6		10.6	16.0

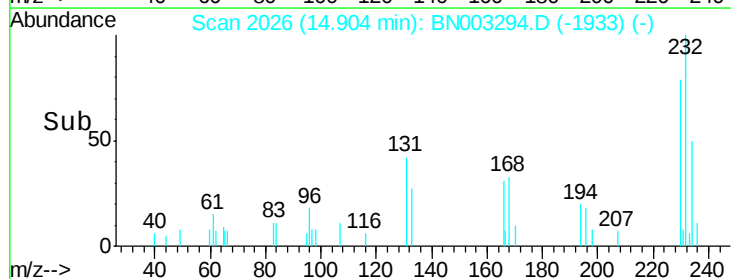
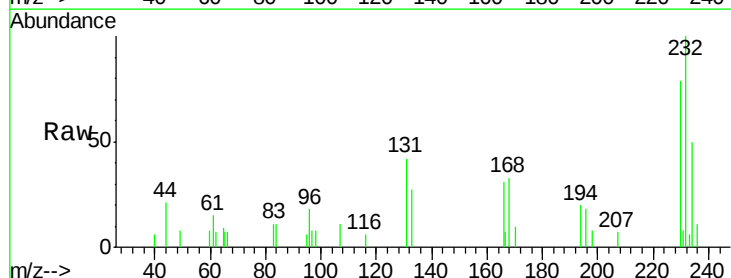
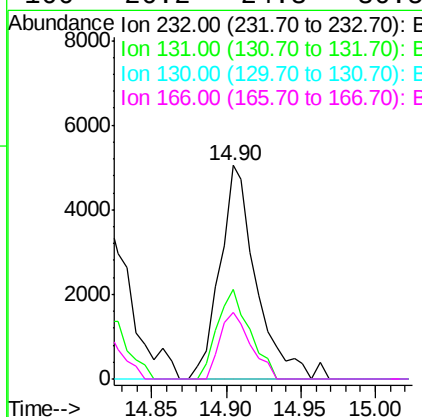
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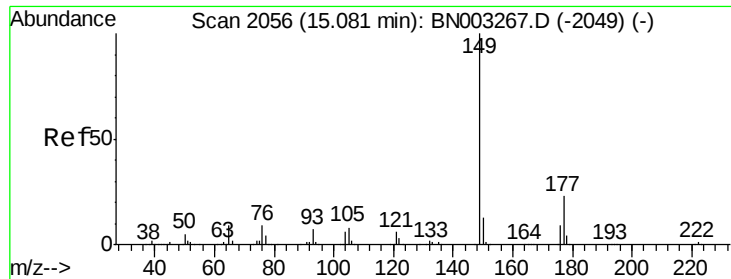
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.787 ng
 RT: 14.90 min Scan# 2026
 Delta R.T. 0.02 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	8693		
131	37.2		33.7	50.5
130	0.0		1.6	2.4#
166	26.2		24.3	36.5





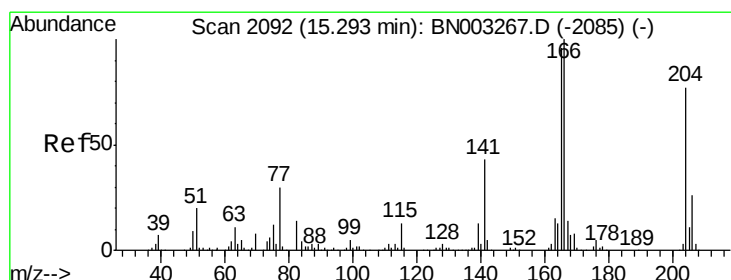
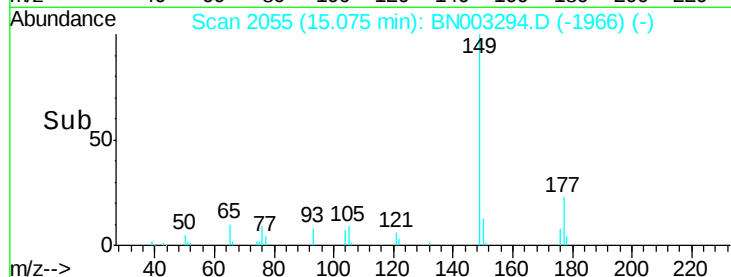
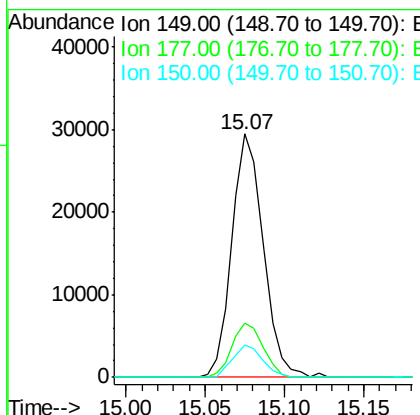
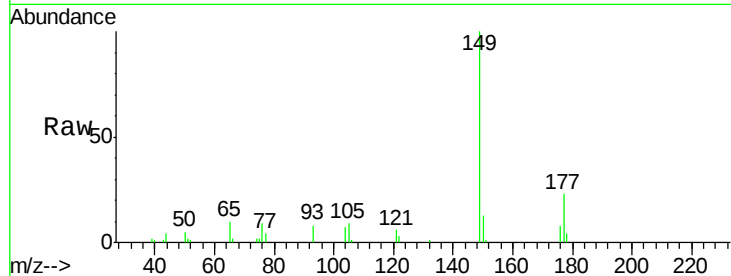
#60
Diethylphthalate
Concen: 1.950 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.6	28.0
150	13.1	10.0	15.0

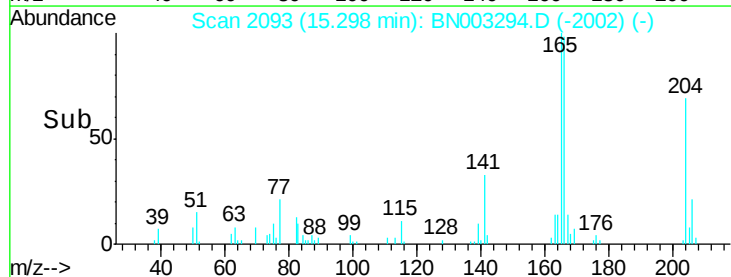
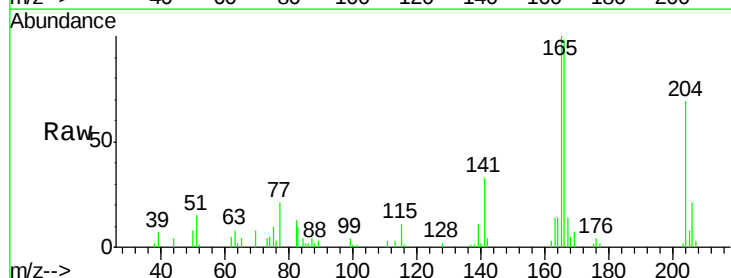
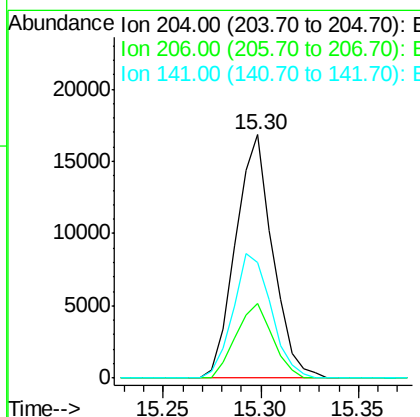
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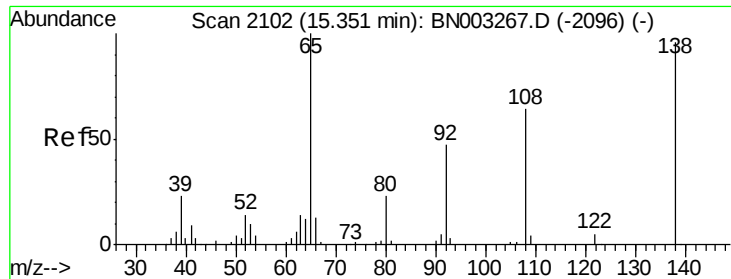
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#61
4-Chlorophenyl-phenylether
Concen: 2.077 ng
RT: 15.30 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.5	26.6	39.8
141	47.6	44.6	67.0





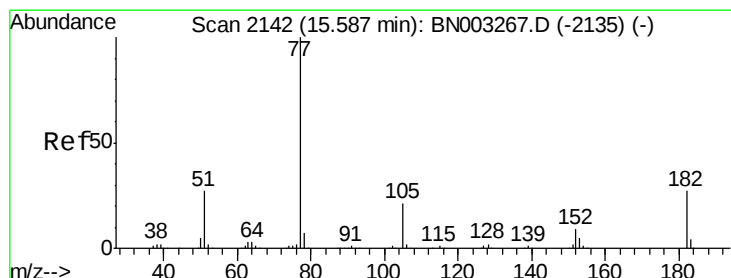
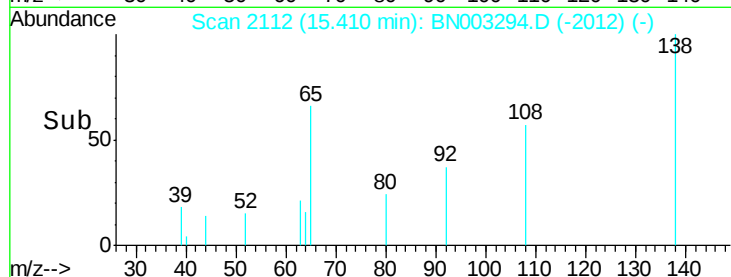
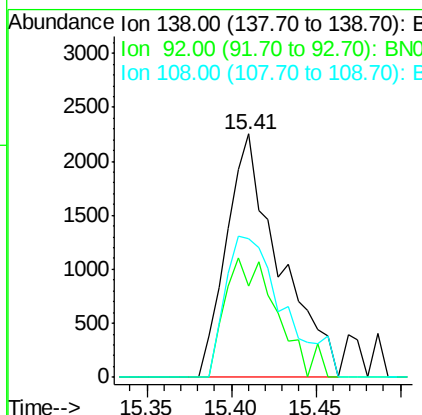
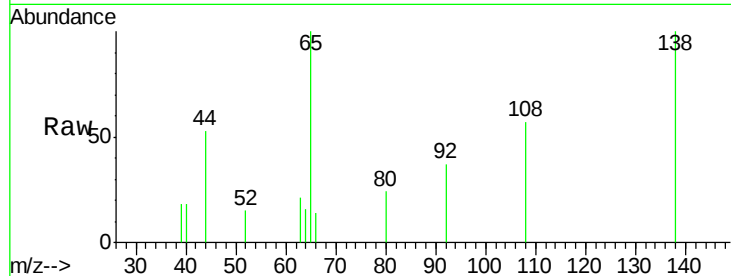
#62
4-Nitroaniline
Concen: 1.009 ng
RT: 15.41 min Scan# 2112
Delta R.T. 0.06 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 138 Resp: 4912
Ion Ratio Lower Upper
138 100
92 37.5 27.9 67.9
108 56.7 46.3 86.3

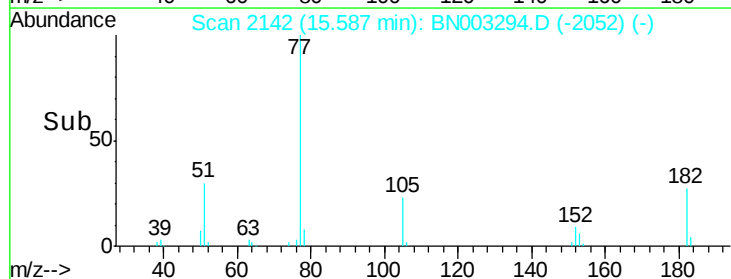
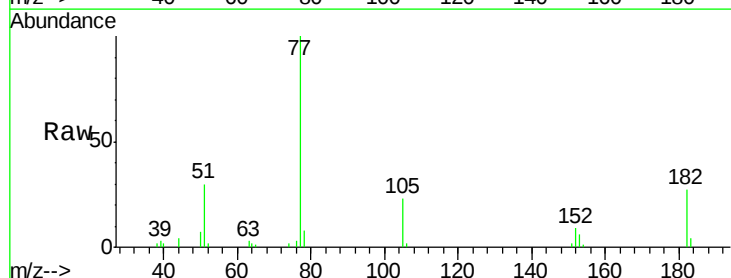
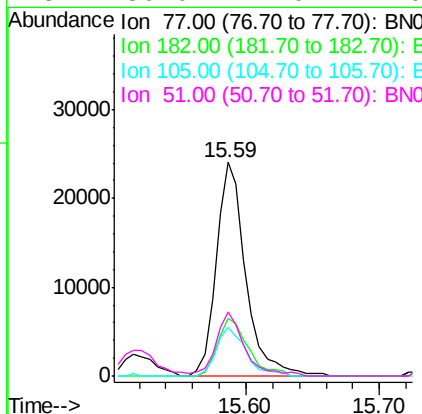
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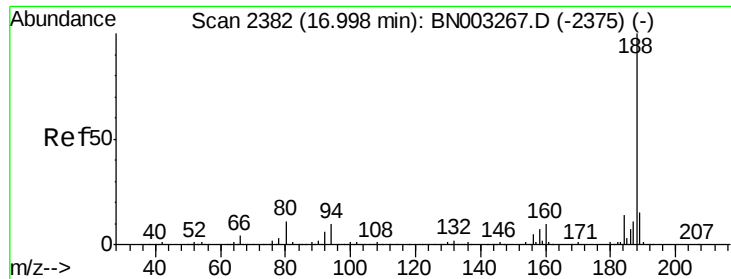
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#63
Azobenzene
Concen: 1.935 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion: 77 Resp: 37277
Ion Ratio Lower Upper
77 100
182 27.2 6.5 46.5
105 22.5 1.0 41.0
51 30.0 7.0 47.0





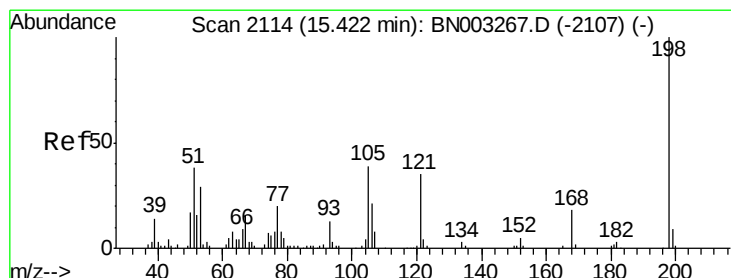
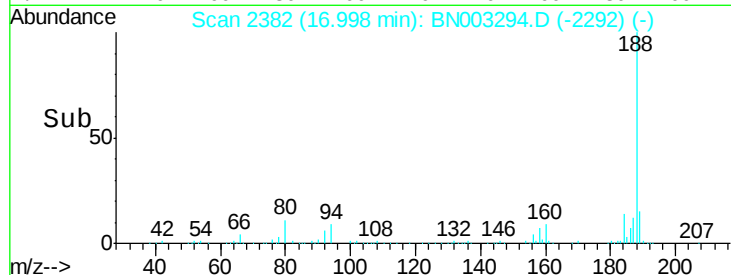
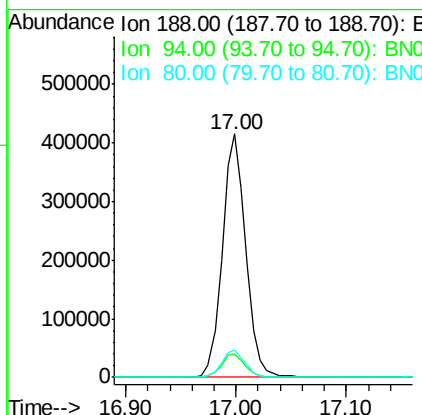
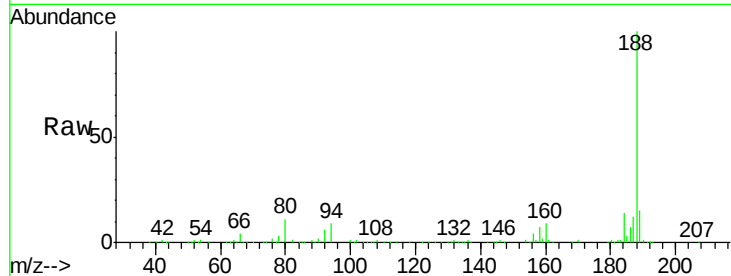
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	612695		
94	9.5	8.1	12.1	
80	11.3	8.6	13.0	

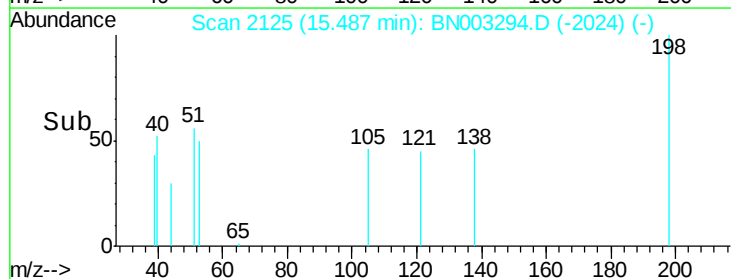
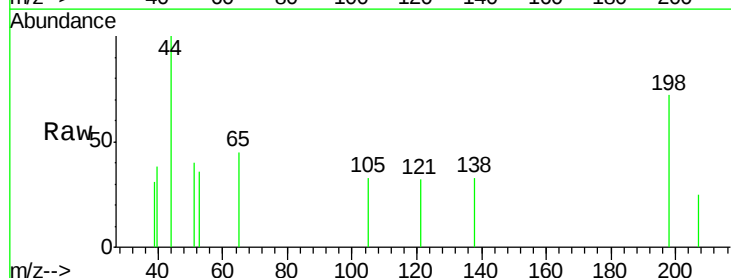
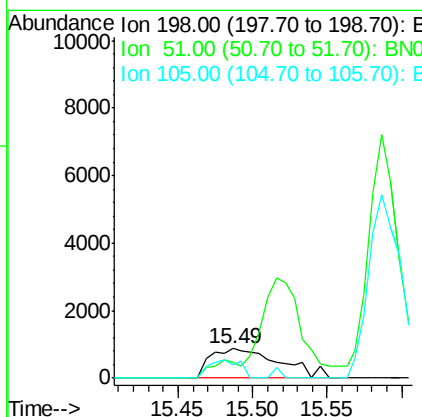
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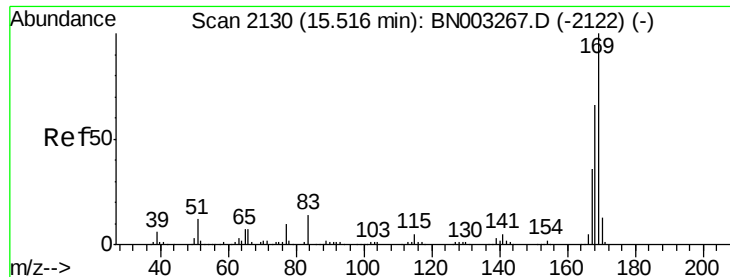
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#65
4,6-Dinitro-2-methylphenol
Concen: 0.653 ng
RT: 15.49 min Scan# 2125
Delta R.T. 0.06 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2793		
51	55.7	19.2	59.2	
105	46.1	18.9	58.9	





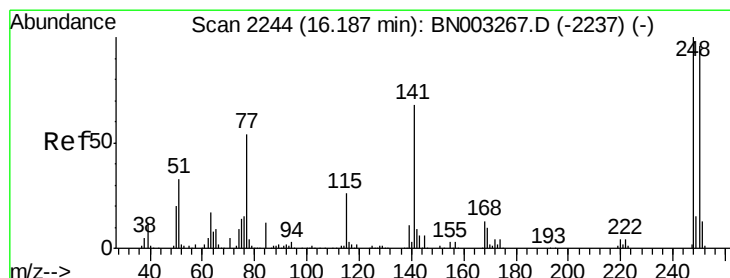
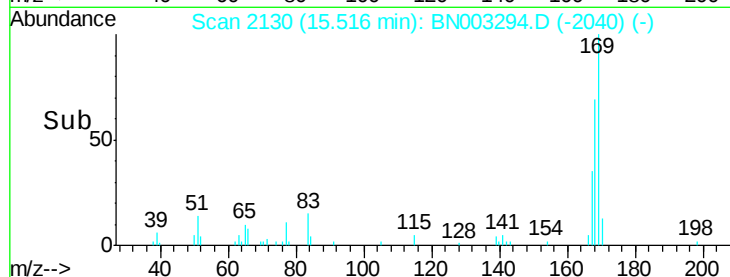
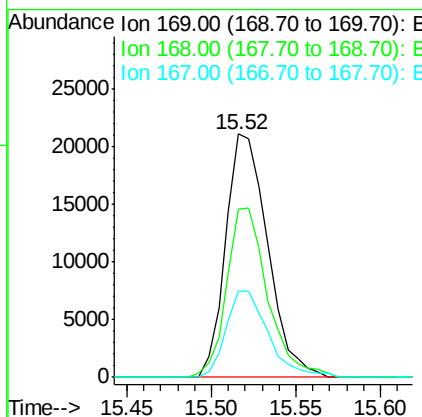
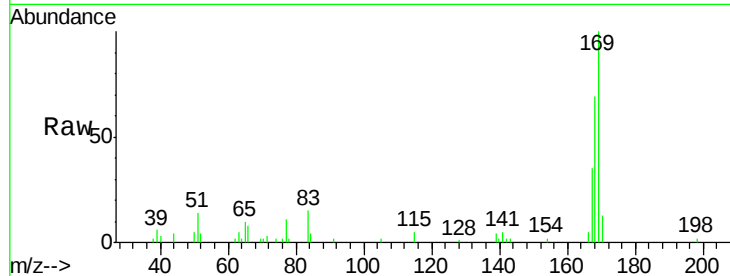
#66
 n-Nitrosodiphenylamine
 Concen: 1.900 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	53.3	79.9
167	35.3	28.6	43.0

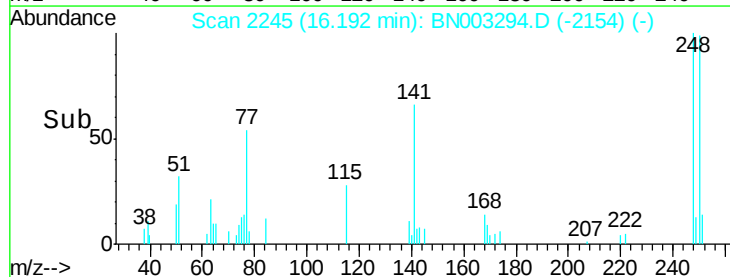
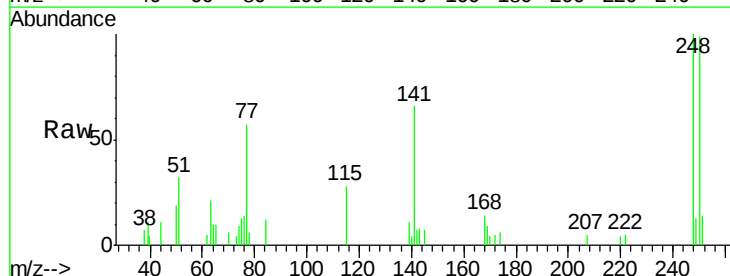
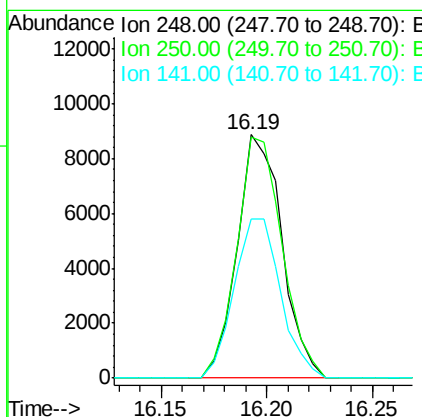
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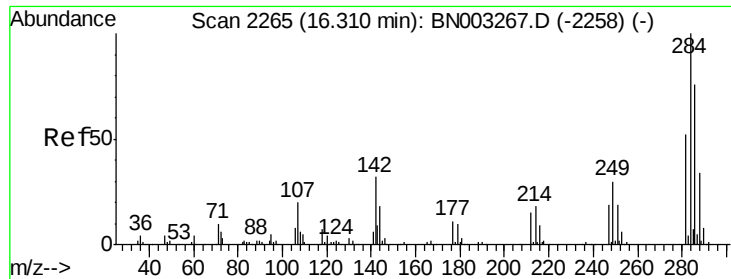
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#67
 4-Bromophenyl-phenylether
 Concen: 1.885 ng
 RT: 16.19 min Scan# 2245
 Delta R.T. 0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.4	114.6
141	65.6	54.2	81.4





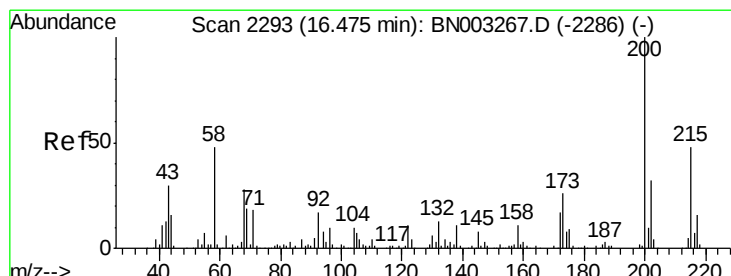
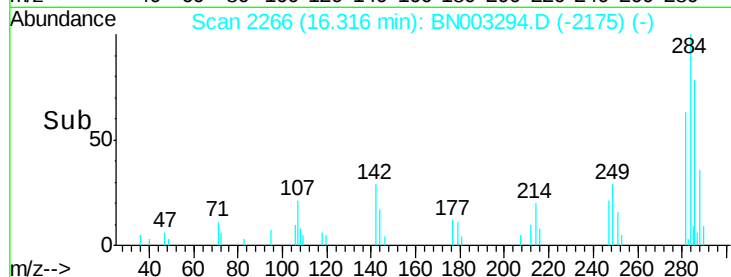
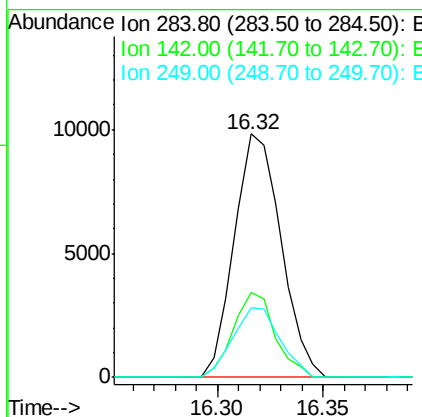
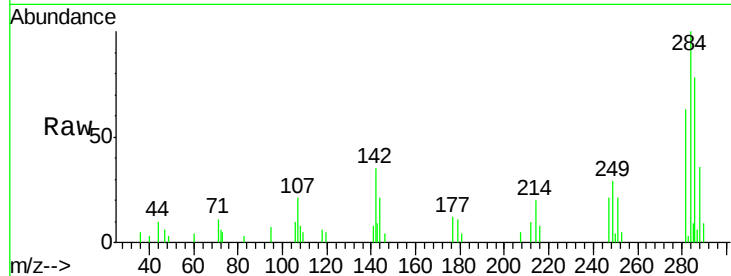
#68
Hexachlorobenzene
Concen: 1.919 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	15089		
142	34.7	25.6	38.4	
249	28.7	23.6	35.4	

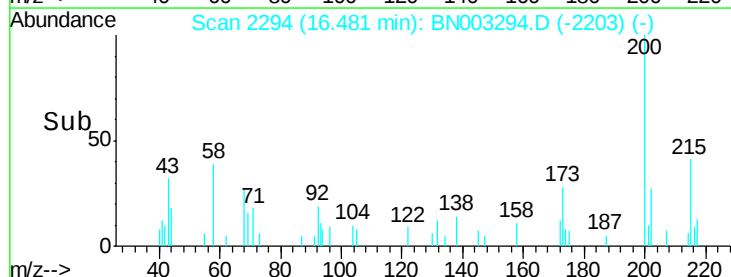
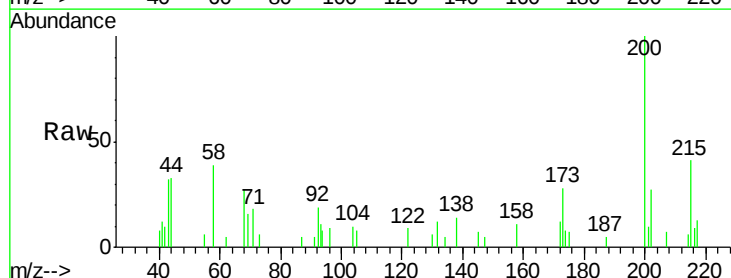
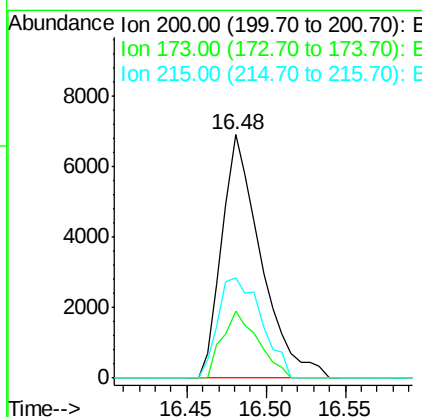
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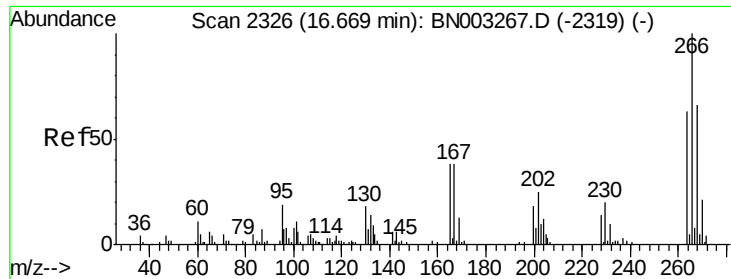
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#69
Atrazine
Concen: 1.740 ng
RT: 16.48 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	11827		
173	27.8	6.3	46.3	
215	41.3	27.6	67.6	





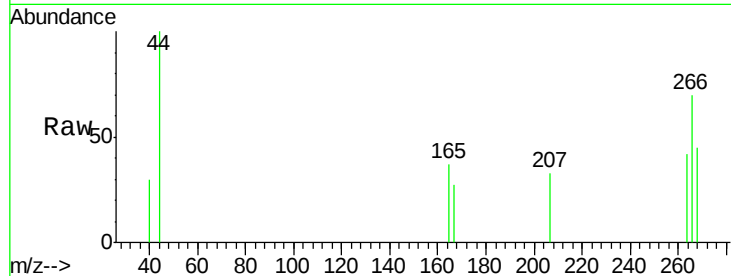
#70
 Pentachlorophenol
 Concen: 6.998 ng
 RT: 16.70 min Scan# 2332
 Delta R.T. 0.04 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

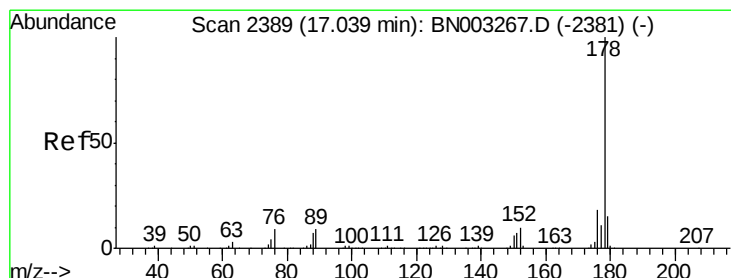
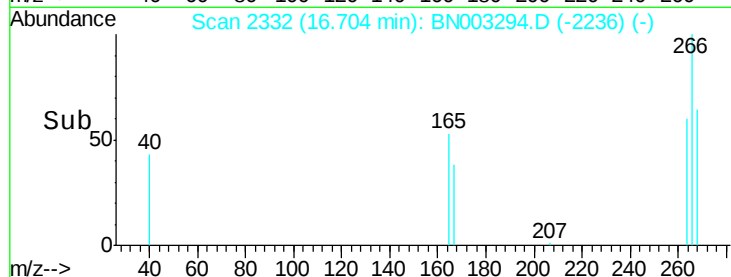
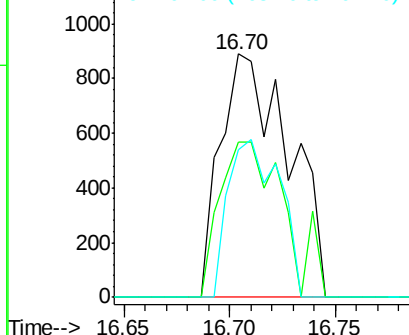
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.5	78.7
264	60.5	50.3	75.5

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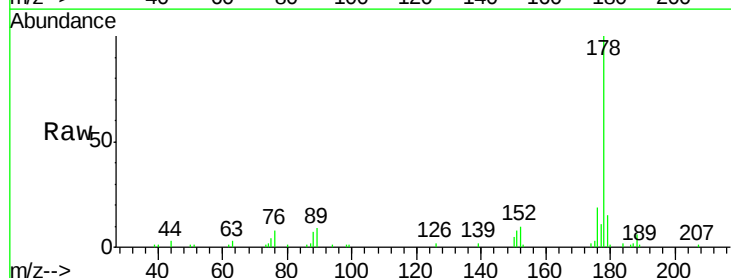


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

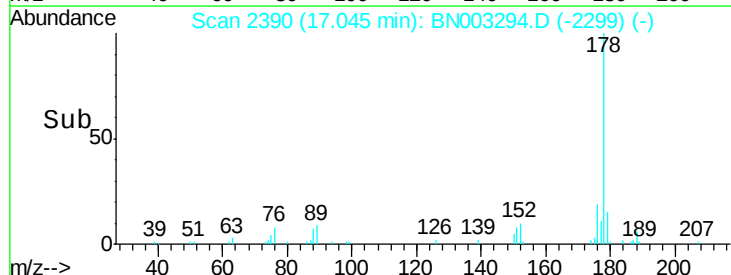
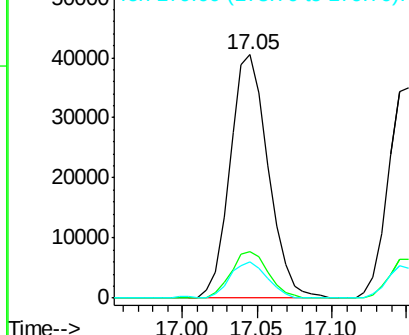


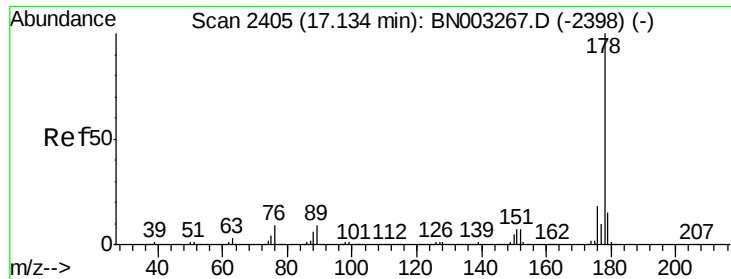
#71
 Phenanthrene
 Concen: 2.239 ng
 RT: 17.05 min Scan# 2390
 Delta R.T. 0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.4	21.6
179	15.2	12.2	18.4



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





#72

Anthracene

Concen: 2.147 ng

RT: 17.15 min Scan# 2408

Delta R.T. 0.02 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

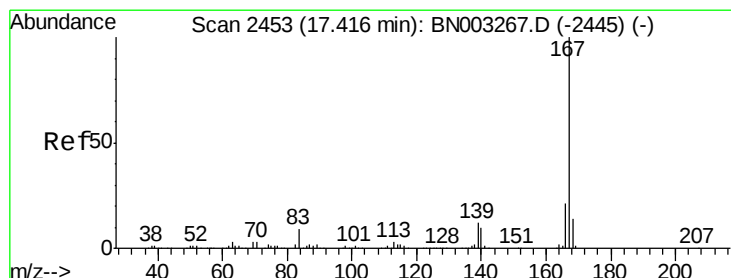
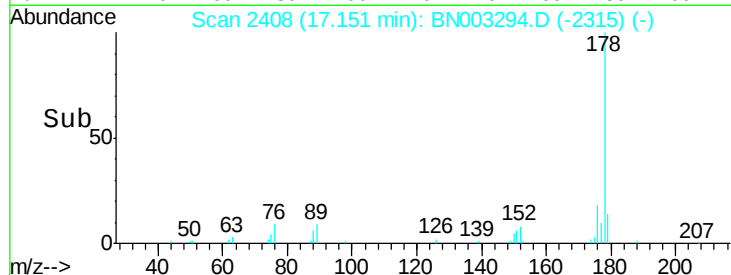
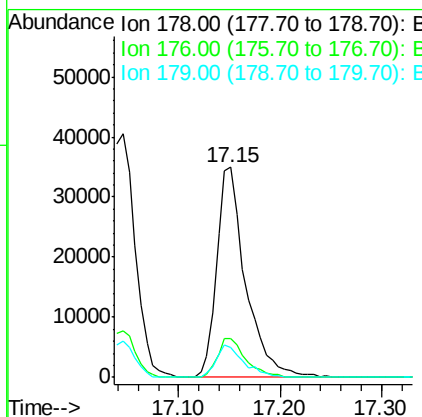
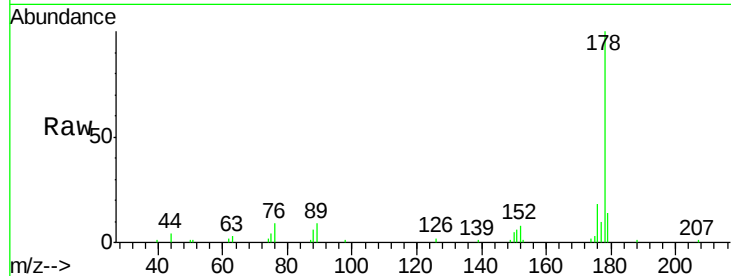
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	14.3	12.1	18.1

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#73

Carbazole

Concen: 1.837 ng

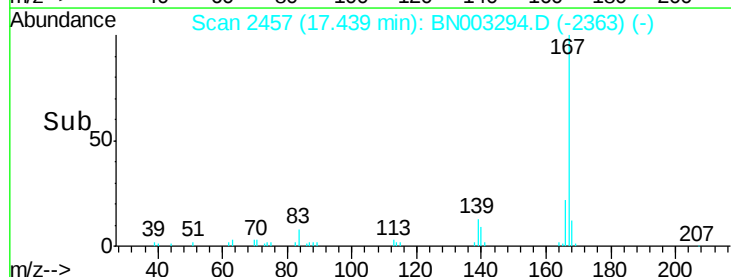
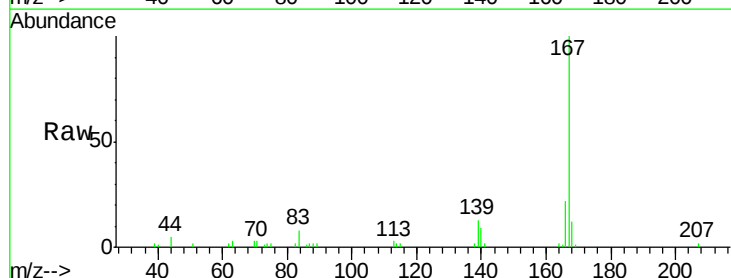
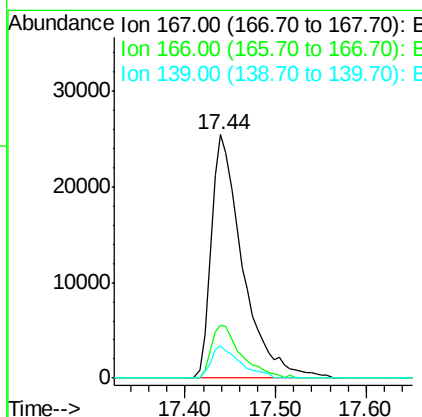
RT: 17.44 min Scan# 2457

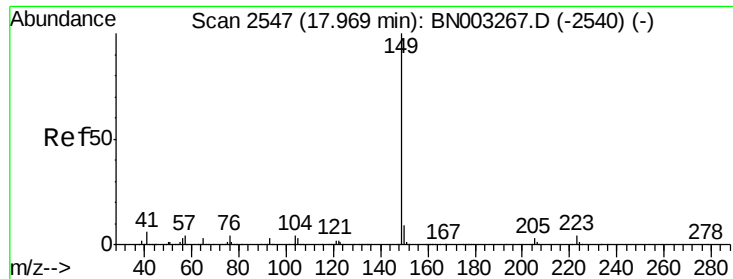
Delta R.T. 0.02 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.2	9.9	14.9





#74

Di-n-butylphthalate

Concen: 1.686 ng

RT: 17.97 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

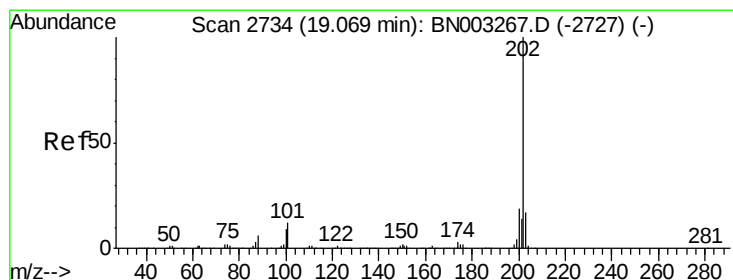
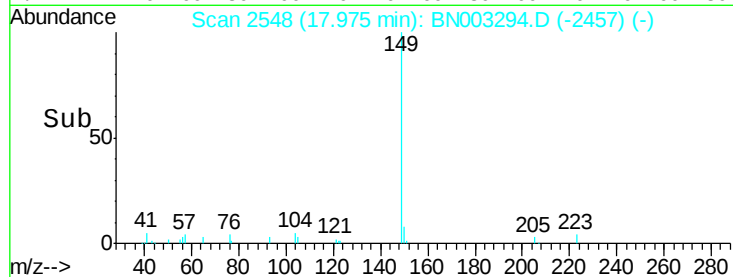
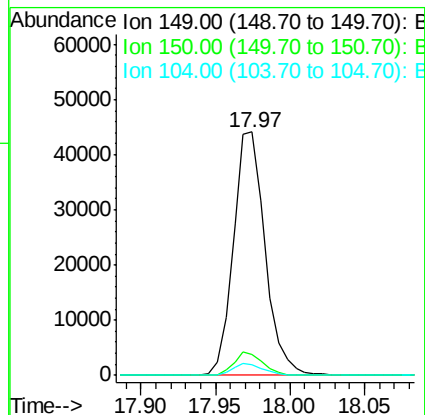
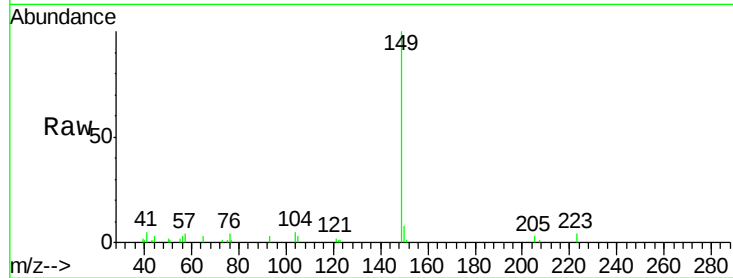
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	149	Resp:	65479
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.2	10.8
104	4.6	3.6	5.4

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#75

Fluoranthene

Concen: 2.068 ng

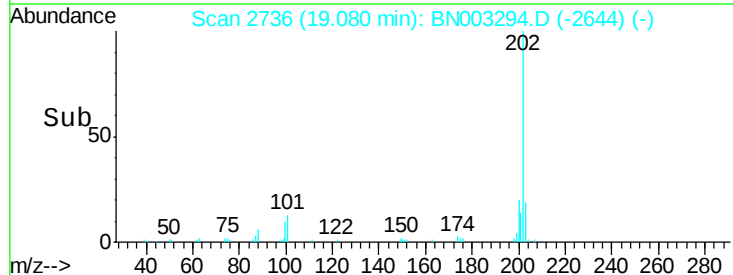
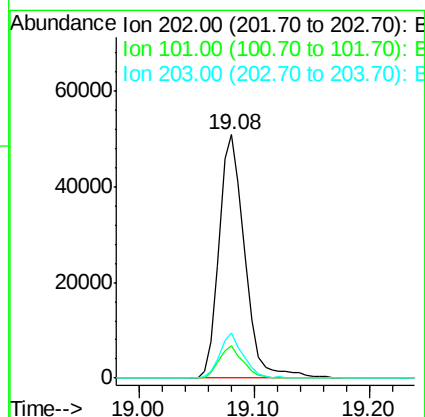
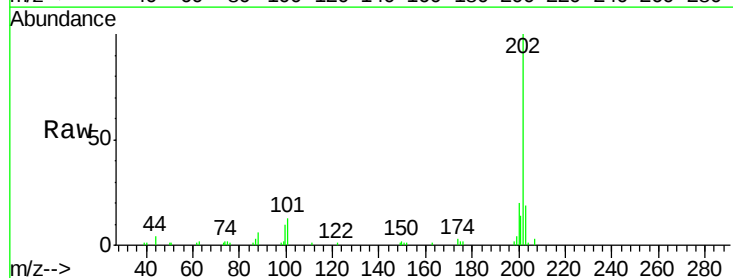
RT: 19.08 min Scan# 2736

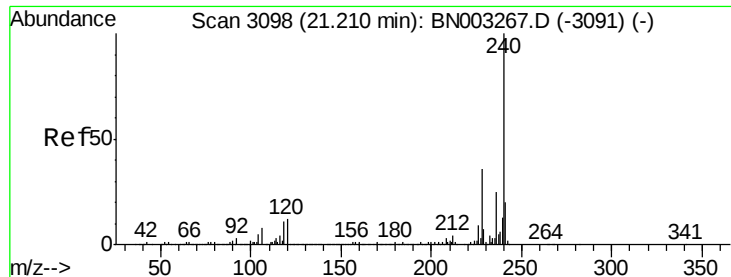
Delta R.T. 0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	202	Resp:	78469
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	32.3
203	18.6	0.0	37.4





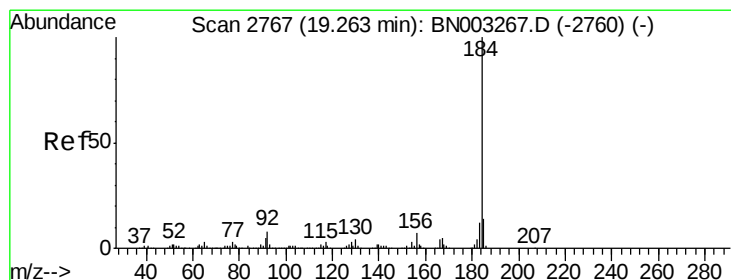
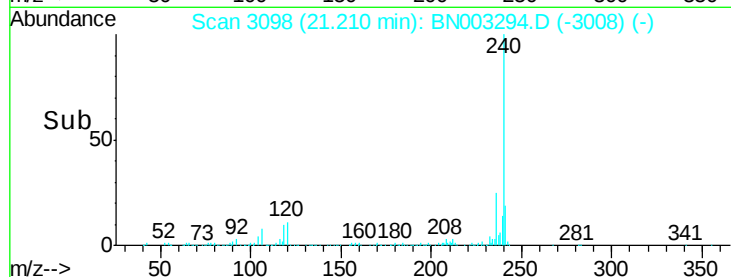
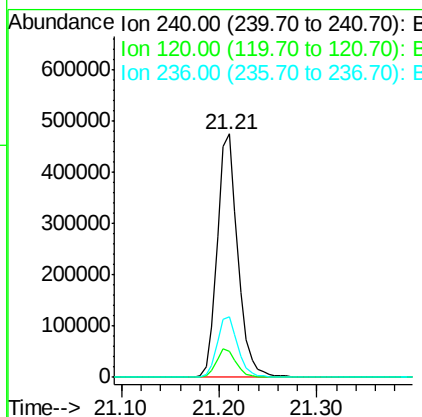
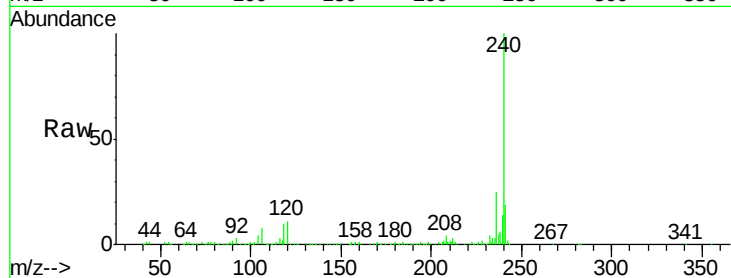
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 240 Resp: 692667
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.0
236 24.7 20.3 30.5

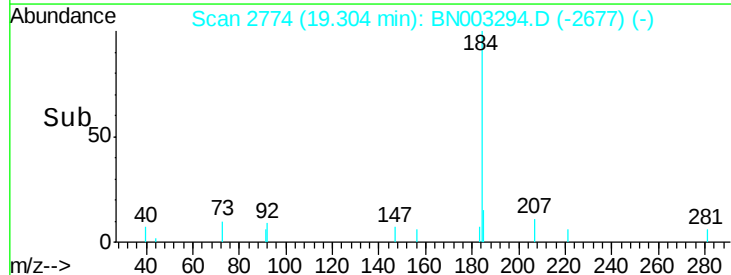
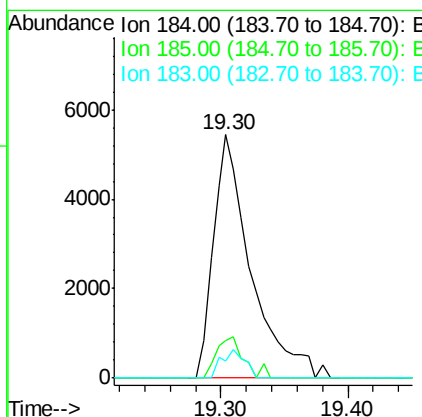
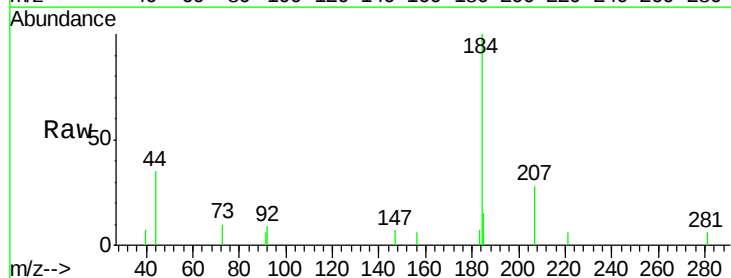
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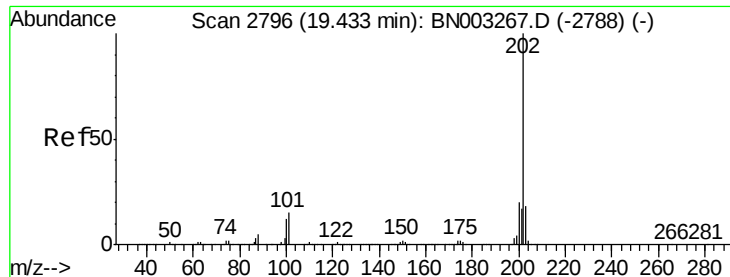
Sohil
10/25/2018 3:20:22 PM



#77
Benzidine
Concen: 0.552 ng
RT: 19.30 min Scan# 2774
Delta R.T. 0.04 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion: 184 Resp: 11184
Ion Ratio Lower Upper
184 100
185 15.5 11.5 17.3
183 7.0 9.4 14.0#





#78

Pyrene

Concen: 2.060 ng

RT: 19.45 min Scan# 2798

Delta R.T. 0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

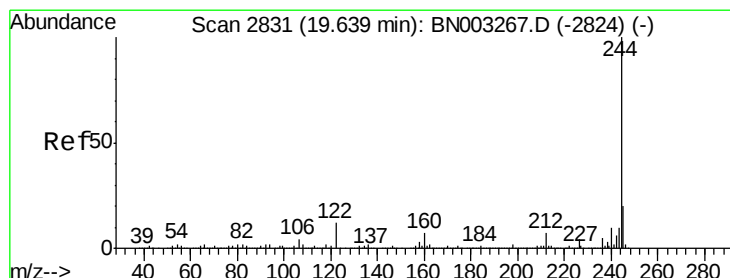
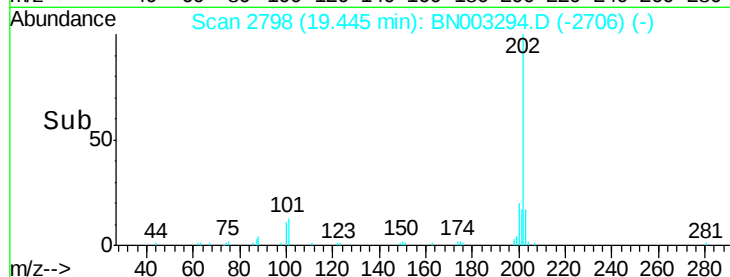
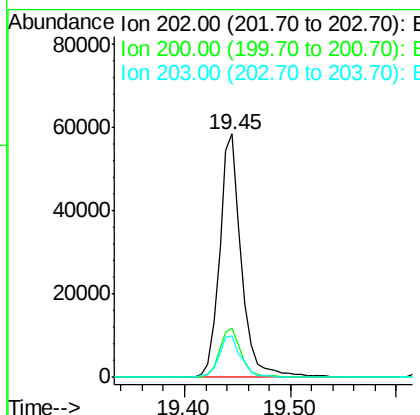
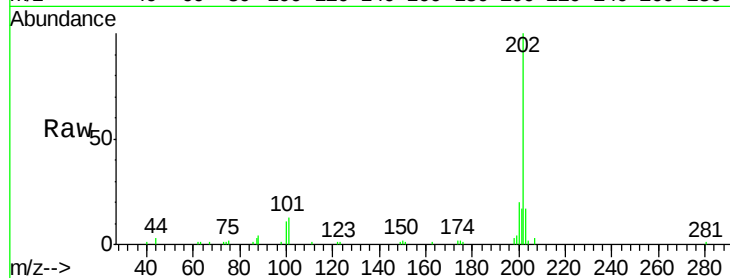
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.2	24.4
203	17.1	14.3	21.5

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#79

Terphenyl-d14

Concen: 78.904 ng

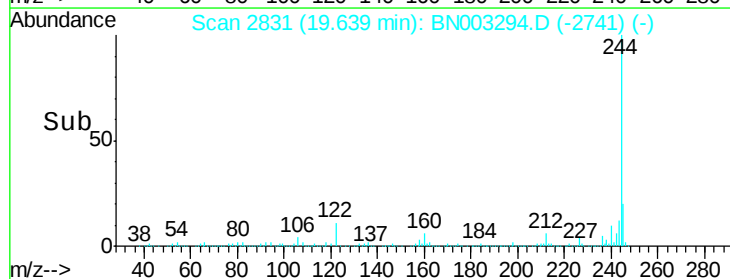
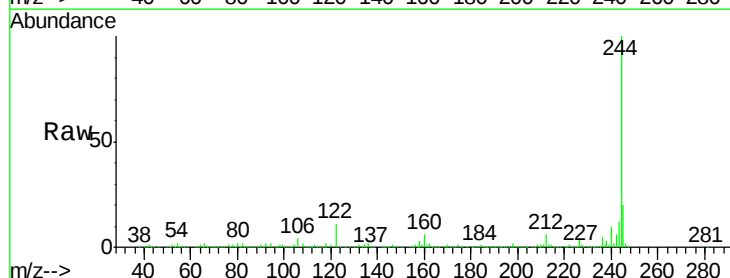
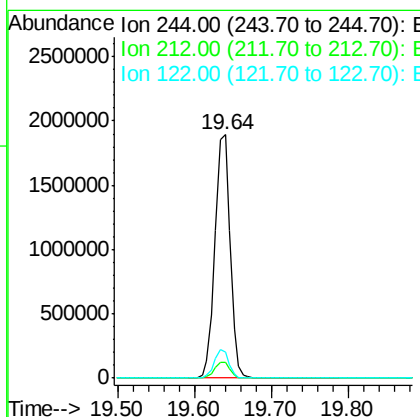
RT: 19.64 min Scan# 2831

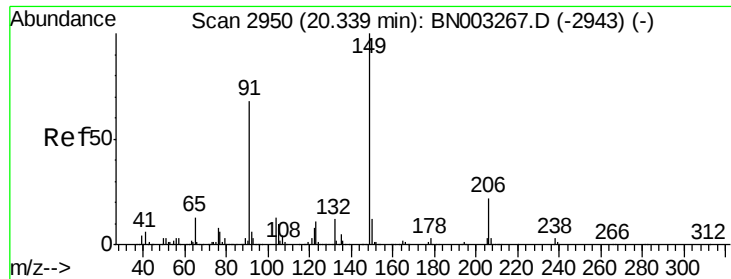
Delta R.T. -0.00 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.6	9.4	14.2





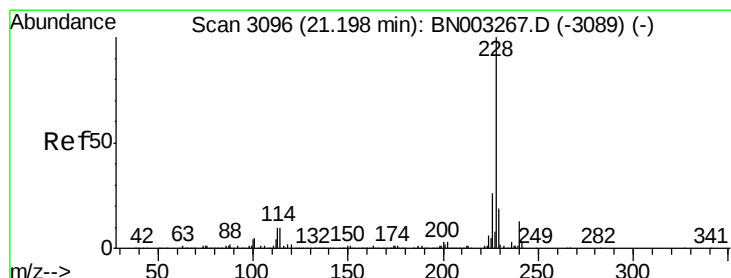
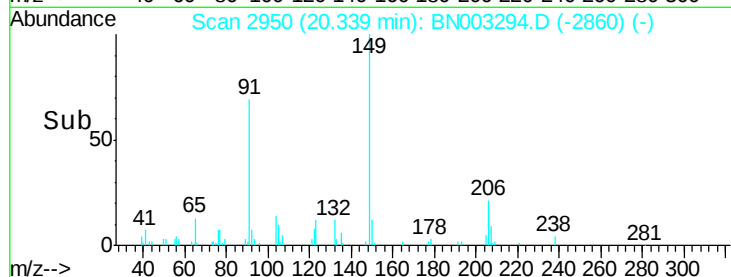
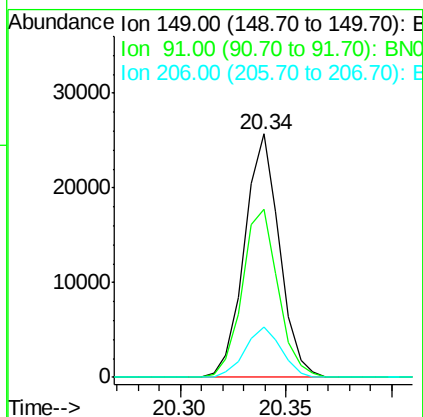
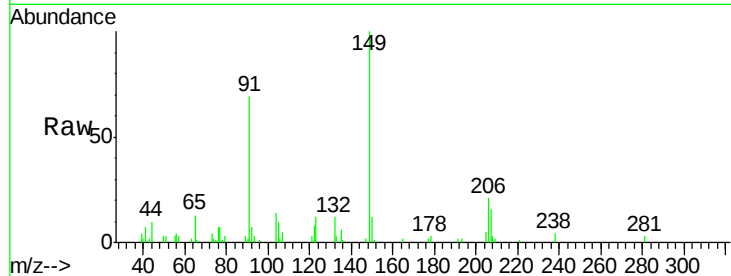
#80
Butylbenzylphthalate
Concen: 1.564 ng
RT: 20.34 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.8	54.6	81.8
206	20.9	17.8	26.6

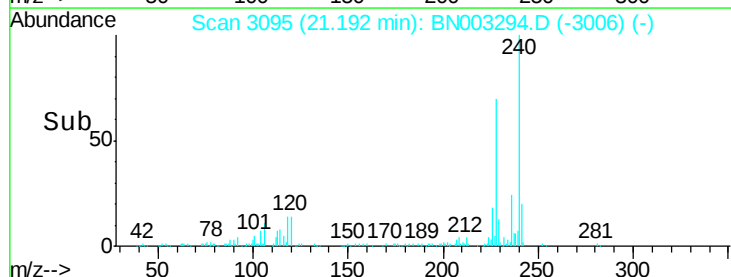
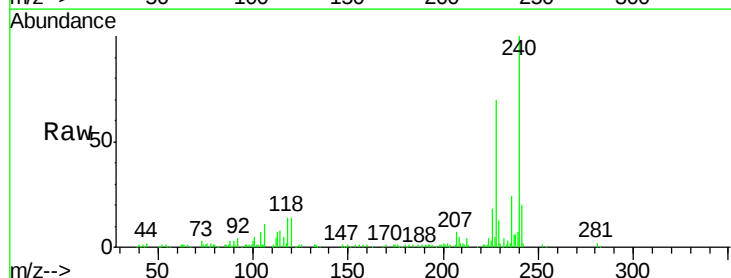
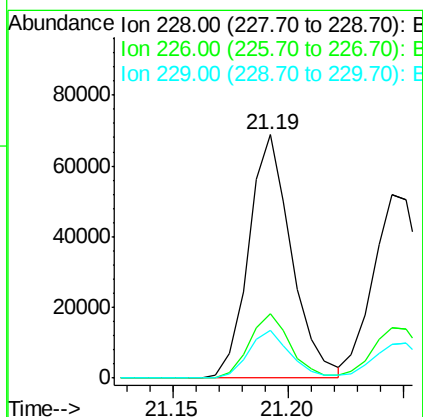
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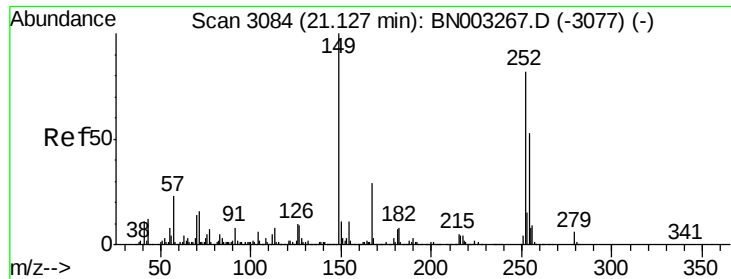
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#81
Benzo(a)anthracene
Concen: 2.200 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.2	20.8	31.2
229	19.4	15.3	22.9





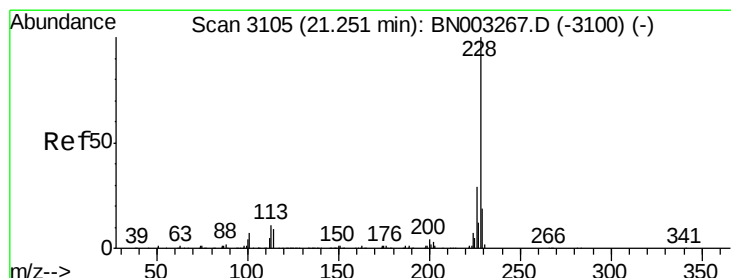
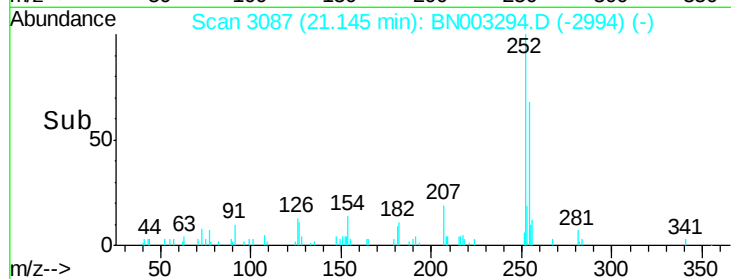
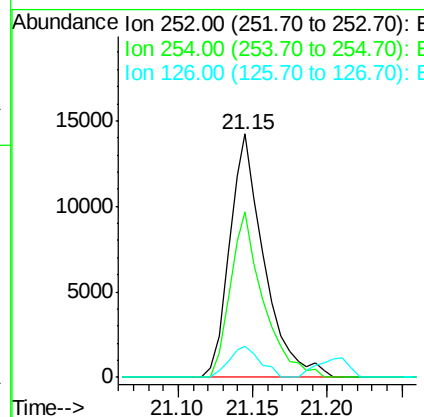
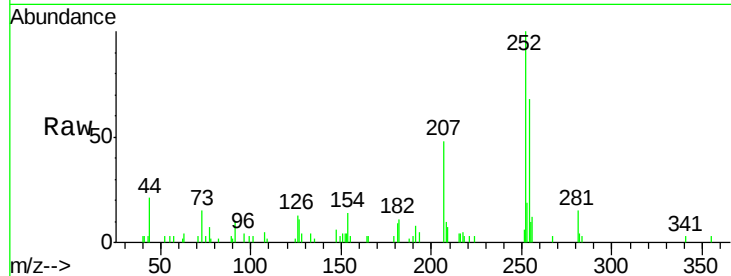
#82
 3,3'-Dichlorobenzidine
 Concen: 1.370 ng
 RT: 21.15 min Scan# 3087
 Delta R.T. 0.02 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.2	51.1	76.7
126	12.7	9.3	13.9

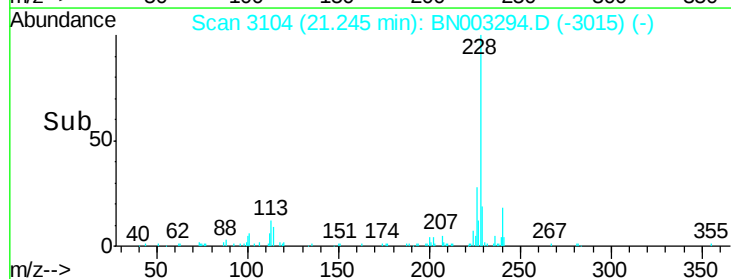
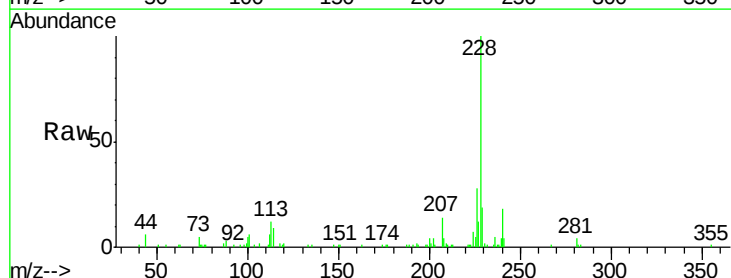
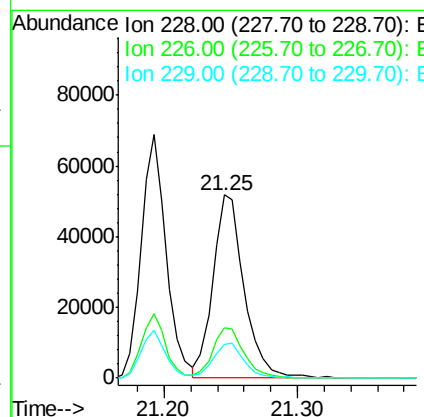
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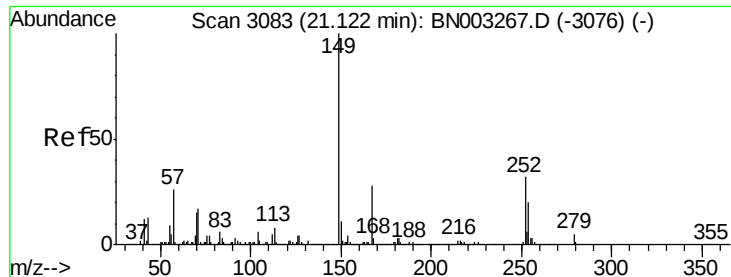
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#83
 Chrysene
 Concen: 2.183 ng
 RT: 21.25 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.3	34.9
229	18.6	15.3	22.9





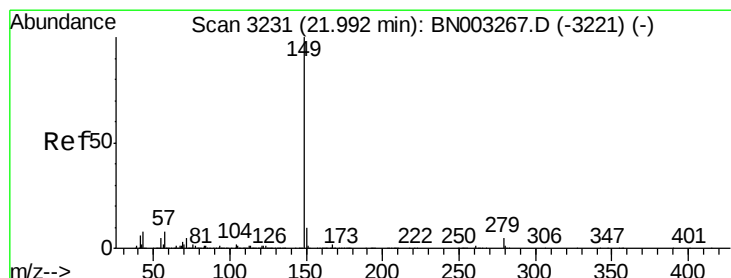
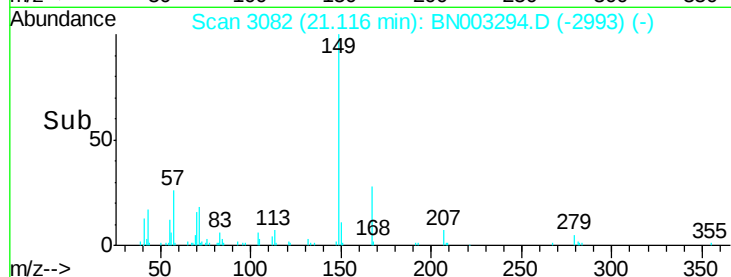
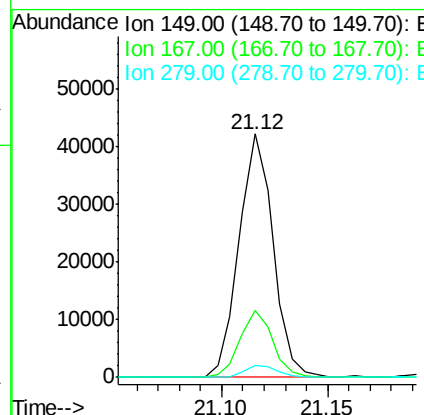
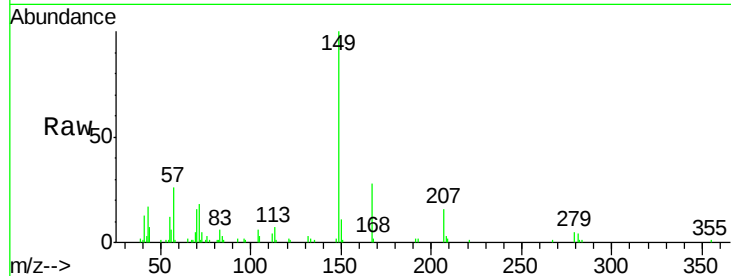
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.680 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	33.8
279	4.8	3.8	5.8

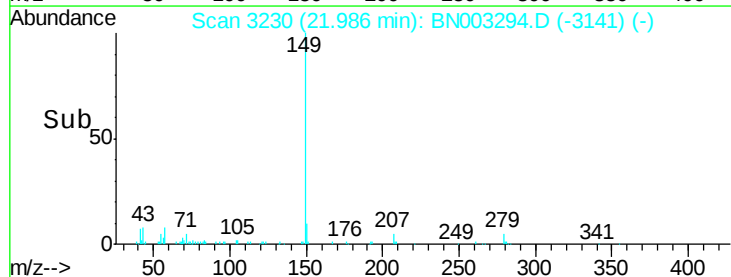
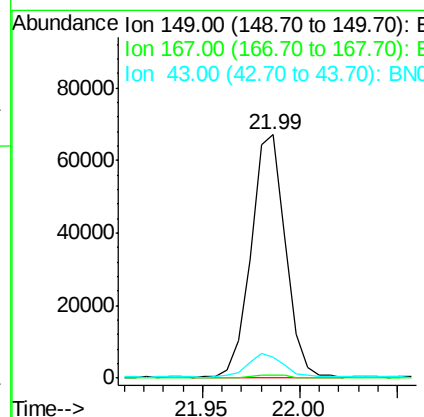
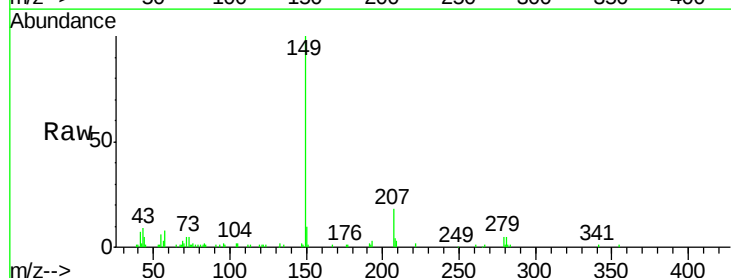
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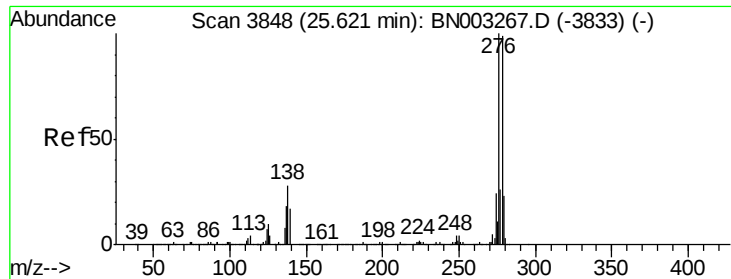
Sohil
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#85
 Di-n-octyl phthalate
 Concen: 1.711 ng
 RT: 21.99 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	12.4	6.9	10.3#





#86
Indeno(1,2,3-cd)pyrene
Concen: 1.998 ng
RT: 25.64 min Scan# 3851
Delta R.T. 0.02 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

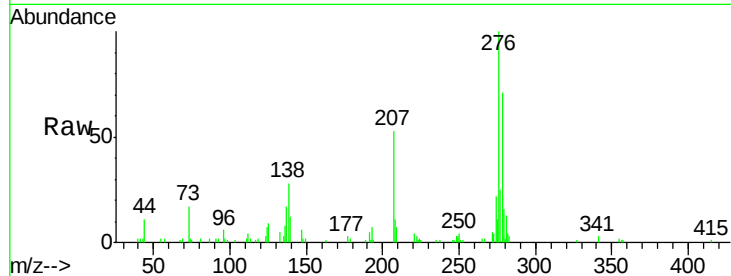
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	88805		
138	27.2		21.2	31.8
277	24.9		20.2	30.4

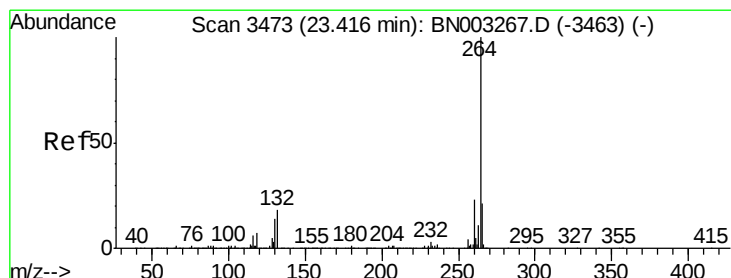
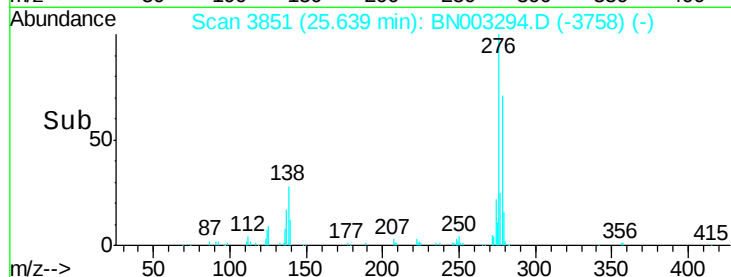
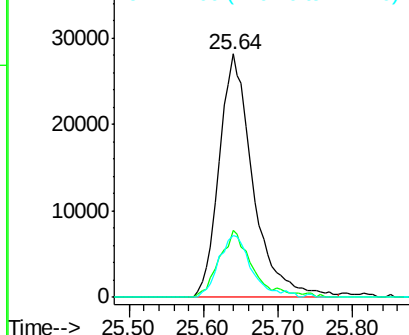
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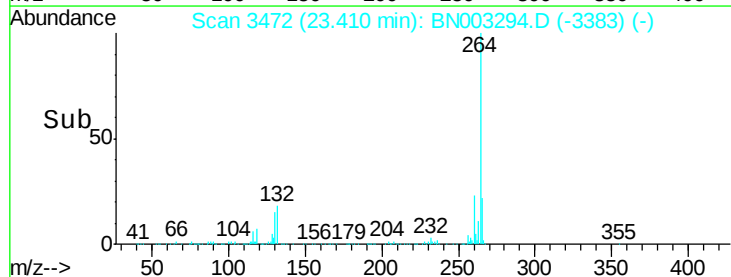
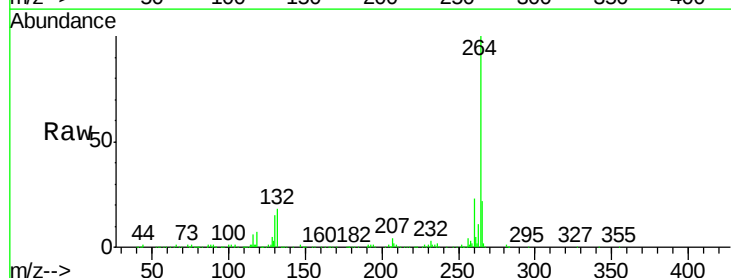
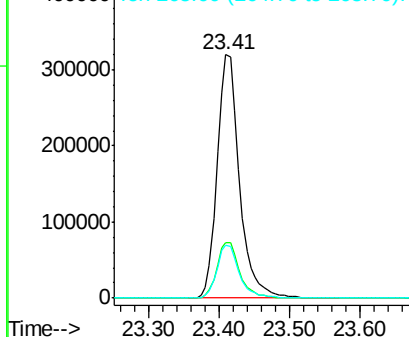
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

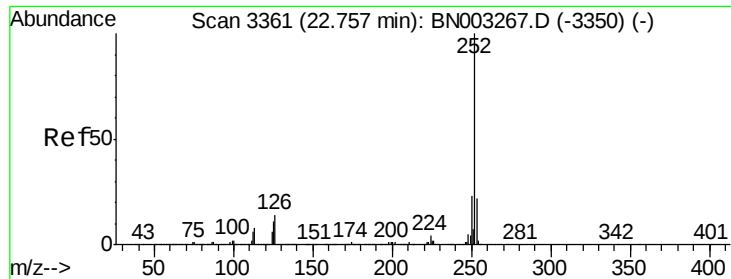


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	701138		
260	22.8		18.5	27.7
265	21.8		16.6	25.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88
Benzo(b)fluoranthene
Concen: 2.276 ng
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

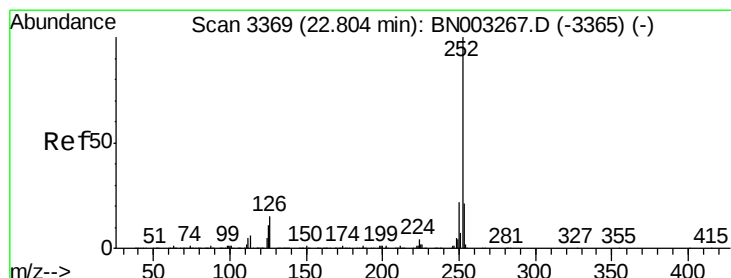
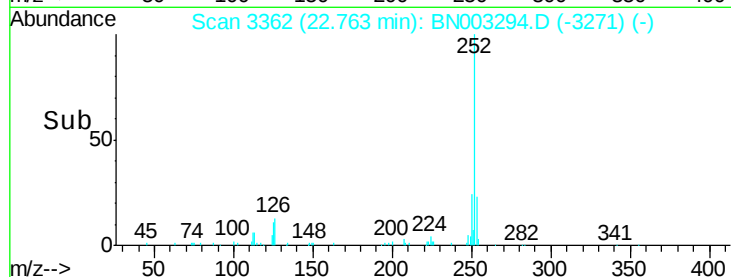
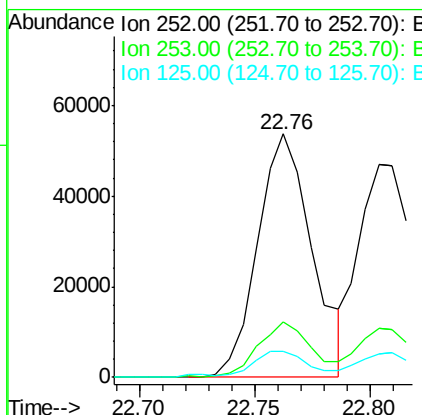
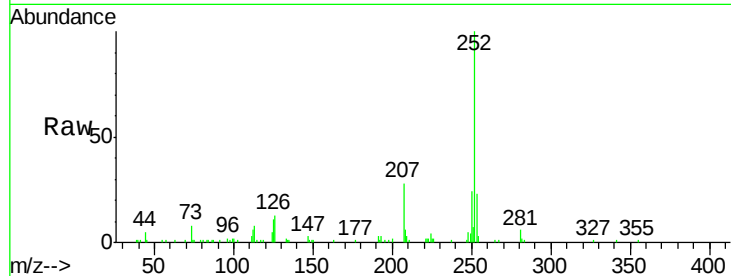
Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.9	8.6	12.8

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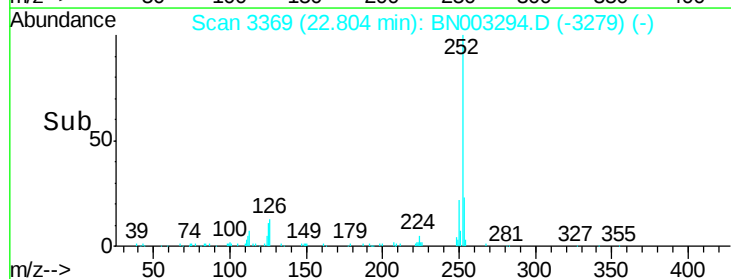
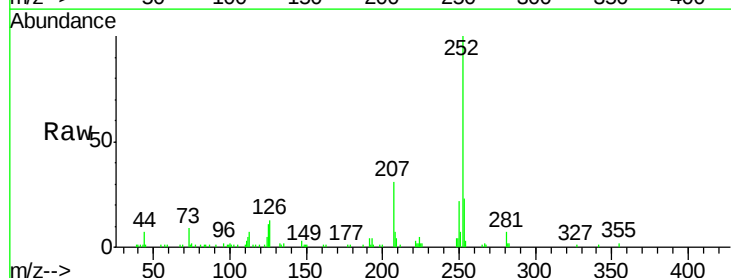
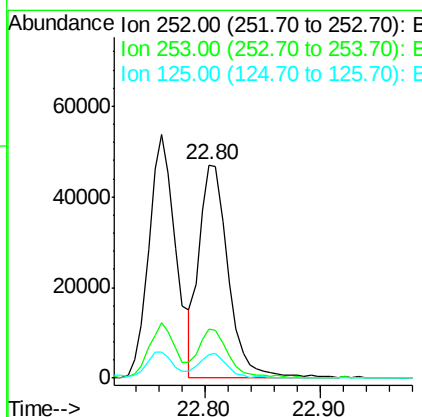
Sohil

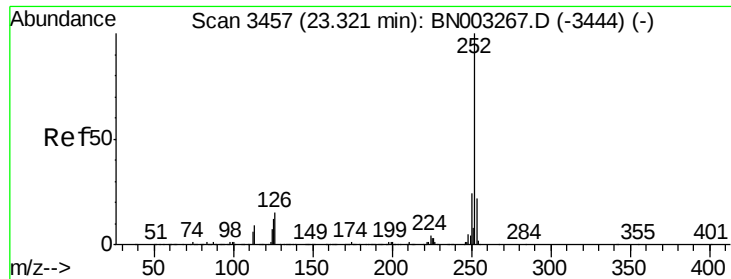
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#89
Benzo(k)fluoranthene
Concen: 2.203 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BN003294.D
Acq: 25 Oct 2018 04:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.2	8.7	13.1





#90

Benzo(a)pyrene

Concen: 2.226 ng

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Instrument :

BNA_N

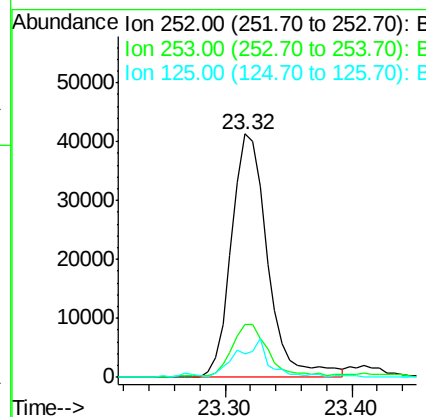
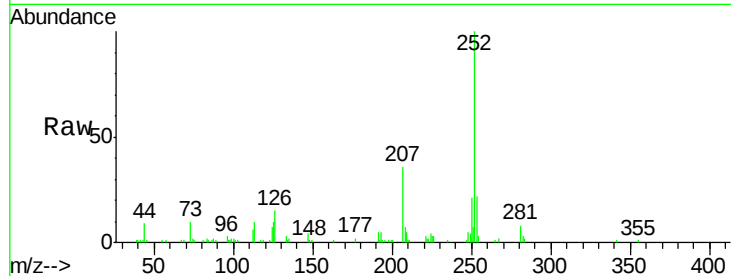
ClientSampleId :

MDL-WATER-03-QT4-2018

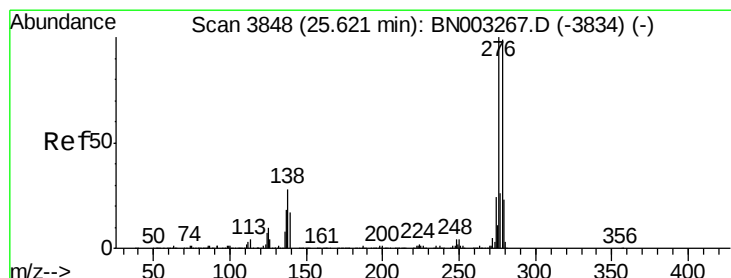
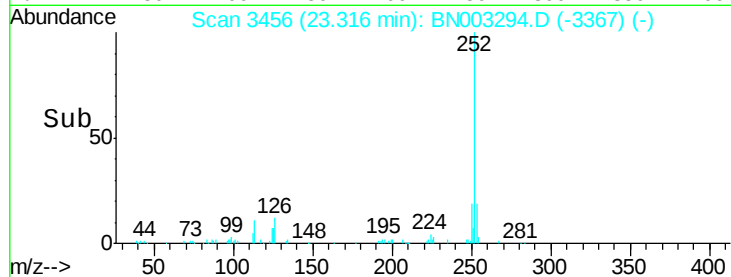
Tgt Ion:	252	Resp:	81904
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	9.8	9.6	14.4

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#91

Dibenzo(a,h)anthracene

Concen: 2.073 ng

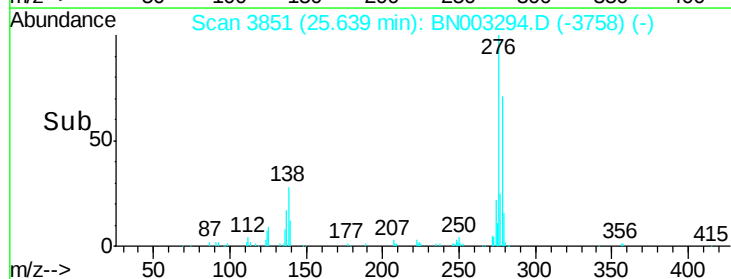
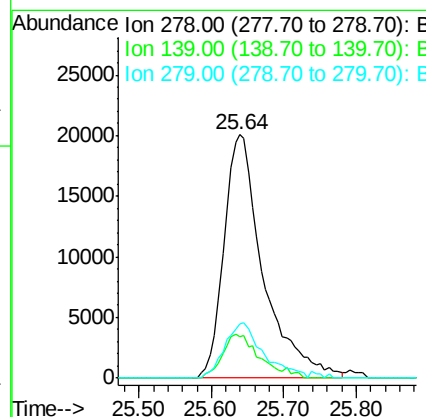
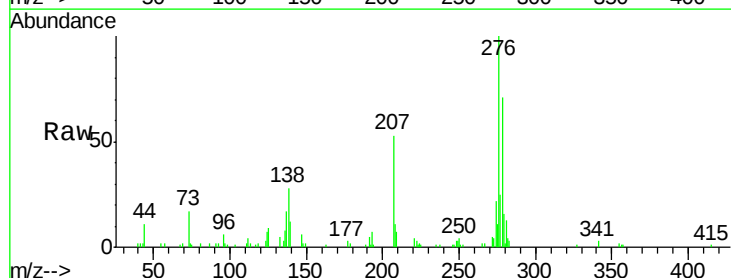
RT: 25.64 min Scan# 3851

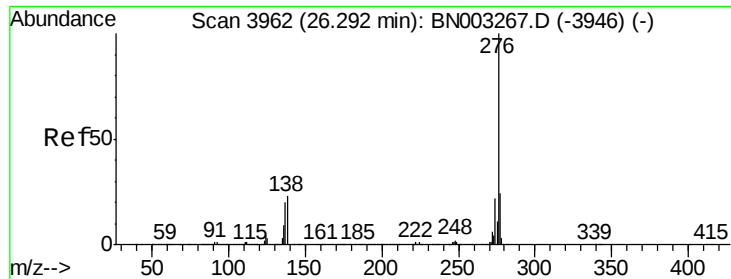
Delta R.T. 0.02 min

Lab File: BN003294.D

Acq: 25 Oct 2018 04:41

Tgt Ion:	278	Resp:	75504
Ion Ratio	Lower	Upper	
278	100		
139	17.1	13.9	20.9
279	22.5	19.0	28.6





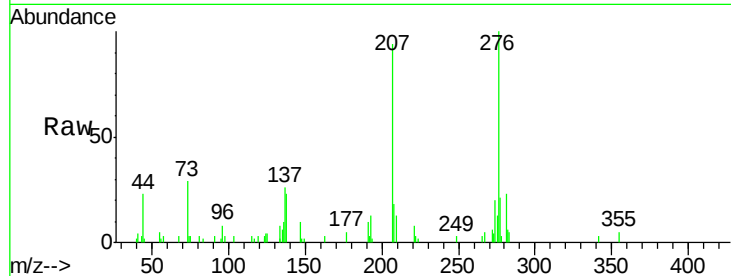
#92
 Benzo(g,h,i)perylene
 Concen: 2.057 ng
 RT: 26.33 min Scan# 3968
 Delta R.T. 0.04 min
 Lab File: BN003294.D
 Acq: 25 Oct 2018 04:41

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

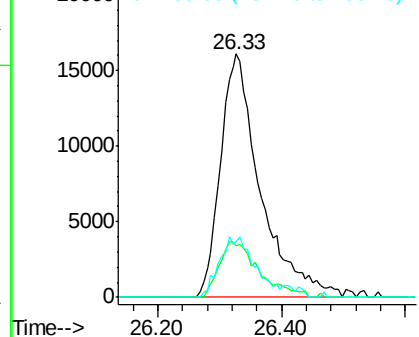
Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.3	19.1	28.7
138	23.0	18.2	27.4

Manual Integrations
 APPROVED

Sohil



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



10/25/2018 3:20:22 PM

