

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
 Data File : BM019922.D
 Acq On : 15 Apr 2019 20:24
 Operator : JU/SJ
 Sample : K1560-07
 Misc : LOD 16PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 4/16/2019 5:25:51 PM

Quant Time: Apr 16 03:38:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	108880	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	496368	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	299186	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	648348	20.00	ng	0.00
76) Chrysene-d12	21.17	240	599640	20.00	ng	0.00
87) Perylene-d12	23.37	264	571592	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	755914	112.52	ng	0.00
7) Phenol-d6	6.72	99	1104206	109.21	ng	0.00
23) Nitrobenzene-d5	8.70	82	741246	66.78	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	542341	112.61	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1597065	66.52	ng	0.00
79) Terphenyl-d14	19.61	244	2422777	71.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	42017	14.493	ng	99
3) Pyridine	3.54	79	99297	12.230	ng	98
4) n-Nitrosodimethylamine	3.46	42	31766	12.145	ng	# 96
6) Aniline	6.88	93	169275	12.962	ng	99
8) 2-Chlorophenol	7.10	128	111700	13.368	ng	99
9) Benzaldehyde	6.71	77	99634	14.079	ng	97
10) Phenol	6.75	94	145353	13.158	ng	92
11) bis(2-Chloroethyl)ether	6.98	93	104351	12.911	ng	99
12) 1,3-Dichlorobenzene	7.42	146	120172	13.699	ng	97
13) 1,4-Dichlorobenzene	7.56	146	122081	13.716	ng	99
14) 1,2-Dichlorobenzene	7.87	146	119252	13.513	ng	99
15) Benzyl Alcohol	7.80	79	117691	12.804	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.06	45	104606	13.577	ng	99
17) 2-Methylphenol	7.99	107	93506	12.789	ng	98
18) Hexachloroethane	8.57	117	46803	13.528	ng	95
19) n-Nitroso-di-n-propylamine	8.34	70	113401	12.759	ng	98
20) 3+4-Methylphenols	8.33	107	123194	12.266	ng	98
22) Acetophenone	8.37	105	181009	13.389	ng	99
24) Nitrobenzene	8.75	77	163350	14.207	ng	99
25) Isophorone	9.26	82	290459	13.444	ng	98
26) 2-Nitrophenol	9.45	139	61090	12.468	ng	94
27) 2,4-Dimethylphenol	9.52	122	83830	12.100	ng	94
28) bis(2-Chloroethoxy)methane	9.75	93	157815	13.044	ng	99
29) 2,4-Dichlorophenol	10.00	162	99253	12.614	ng	97
30) 1,2,4-Trichlorobenzene	10.17	180	114311	13.498	ng	98
31) Naphthalene	10.36	128	368057	13.824	ng	99
32) Benzoic acid	9.66	122	59022m	13.162	ng	
33) 4-Chloroaniline	10.52	127	137047	12.495	ng	99
34) Hexachlorobutadiene	10.61	225	68673	13.749	ng	99
35) Caprolactam	11.33	113	32085	10.773	ng	93
36) 4-Chloro-3-methylphenol	11.64	107	127063	12.997	ng	97
37) 2-Methylnaphthalene	11.98	142	261448	13.488	ng	99
38) 1-Methylnaphthalene	12.21	142	260804	13.627	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	124700	13.511	ng	99

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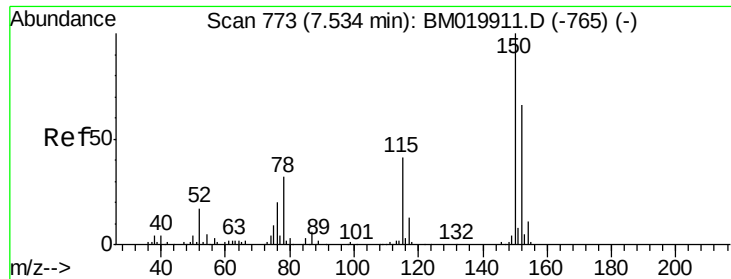
Manual Integrations
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 4/16/2019 5:25:51 PM

Quant Time: Apr 16 03:38:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
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 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	12487	14.928	ng	93
43) 2,4,6-Trichlorophenol	12.63	196	80427	12.853	ng	98
44) 2,4,5-Trichlorophenol	12.71	196	80657	12.385	ng	95
46) 1,1'-Biphenyl	13.02	154	356341	13.751	ng	99
47) 2-Chloronaphthalene	13.06	162	269487	13.634	ng	99
48) 2-Nitroaniline	13.31	65	88541	12.427	ng	96
49) Acenaphthylene	13.92	152	457936	13.315	ng	98
50) Dimethylphthalate	13.67	163	359070	13.606	ng	100
51) 2,6-Dinitrotoluene	13.81	165	75769	12.984	ng	93
52) Acenaphthene	14.26	154	261326	13.704	ng	96
53) 3-Nitroaniline	14.15	138	71410	12.255	ng	97
54) 2,4-Dinitrophenol	14.40	184	23544	13.603	ng	96
55) Dibenzofuran	14.60	168	418018	13.406	ng	97
56) 4-Nitrophenol	14.50	139	36117	13.139	ng	91
57) 2,4-Dinitrotoluene	14.62	165	103475	12.336	ng	96
58) Fluorene	15.26	166	343288	12.992	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	76732	12.912	ng	96
60) Diethylphthalate	15.03	149	368886	13.440	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	163405	12.845	ng	93
62) 4-Nitroaniline	15.33	138	62126	10.821	ng	99
63) Azobenzene	15.54	77	394257	13.440	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	44285	10.705	ng	96
66) n-Nitrosodiphenylamine	15.47	169	286420	13.513	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	100283	13.453	ng	98
68) Hexachlorobenzene	16.26	284	121888	13.628	ng	99
69) Atrazine	16.44	200	95665	13.295	ng	98
70) Pentachlorophenol	16.63	266	51715	11.316	ng	98
71) Phenanthrene	17.00	178	520608	13.531	ng	99
72) Anthracene	17.10	178	502652	13.124	ng	100
73) Carbazole	17.39	167	459040	12.837	ng	99
74) Di-n-butylphthalate	17.93	149	581969	12.393	ng	100
75) Fluoranthene	19.03	202	564495	12.749	ng	99
77) Benzidine	19.25	184	167809	10.143	ng	99
78) Pyrene	19.40	202	583328	14.690	ng	100
80) Butylbenzylphthalate	20.31	149	243841	12.666	ng	98
81) Benzo(a)anthracene	21.16	228	521177	13.720	ng	98
82) 3,3'-Dichlorobenzidine	21.11	252	191837	13.574	ng	99
83) Chrysene	21.22	228	503563	13.823	ng	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	339506	11.845	ng	100
85) Di-n-octyl phthalate	21.94	149	563304	12.112	ng	99
86) Indeno(1,2,3-cd)pyrene	25.58	276	559492	15.613	ng	99
88) Benzo(b)fluoranthene	22.71	252	513607	13.532	ng	100
89) Benzo(k)fluoranthene	22.76	252	456852	12.786	ng	99
90) Benzo(a)pyrene	23.28	252	455118	13.533	ng	99
91) Dibenzo(a,h)anthracene	25.58	278	463670	14.300	ng	97
92) Benzo(g,h,i)perylene	26.26	276	441870	15.046	ng	99

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



#1

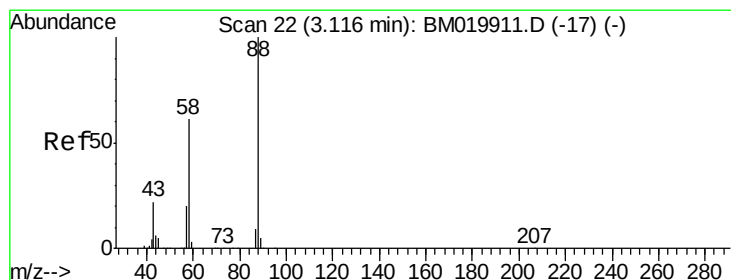
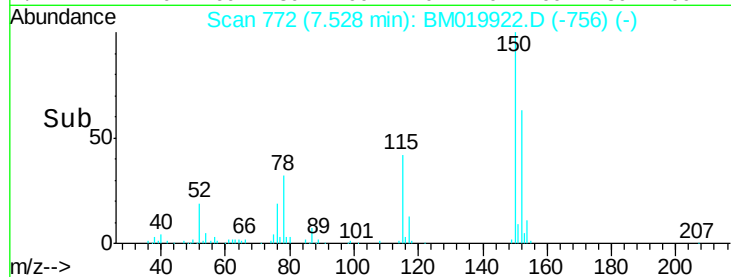
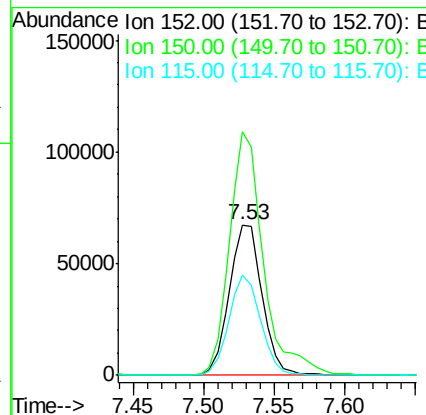
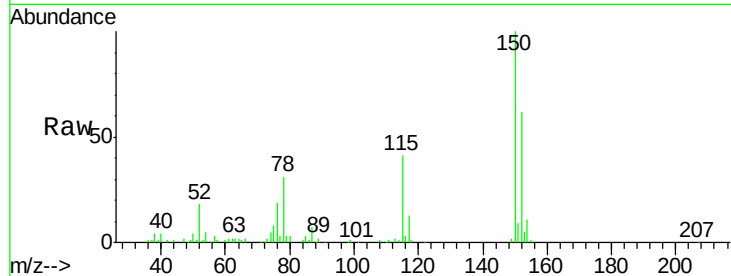
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.7	122.1	183.1
115	66.9	50.0	75.0

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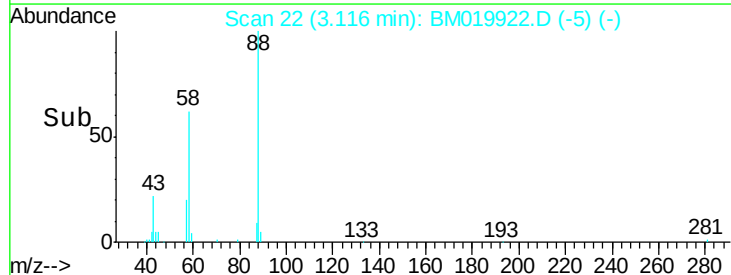
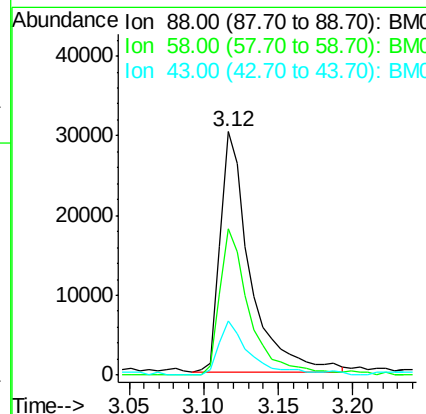
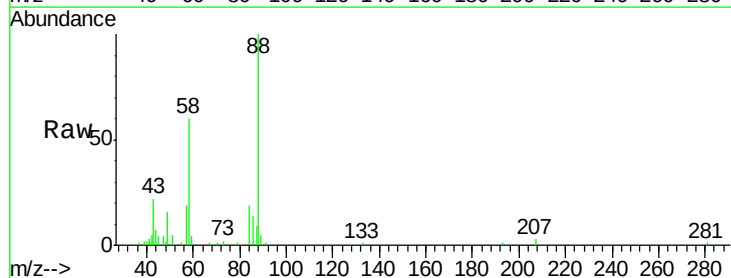
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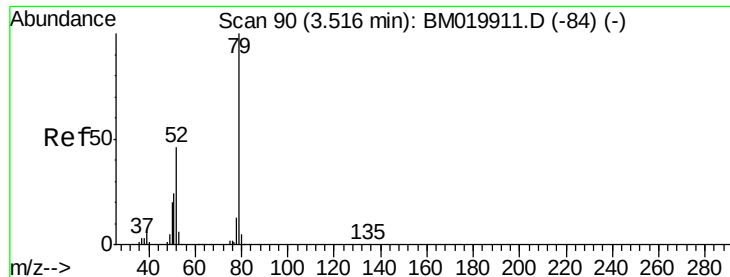


#2

1,4-Dioxane
Concen: 14.493 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	49.6	74.4
43	23.0	18.6	27.8





#3

Pyridine

Concen: 12.230 ng

RT: 3.54 min Scan# 94

Delta R.T. 0.02 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

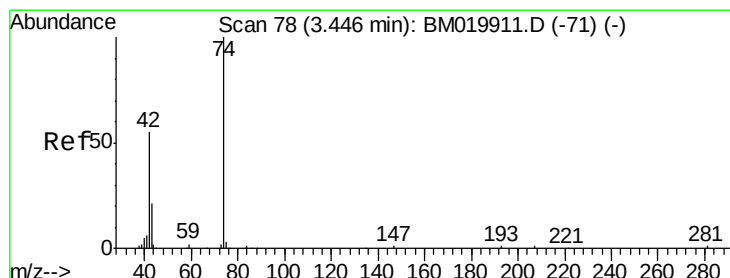
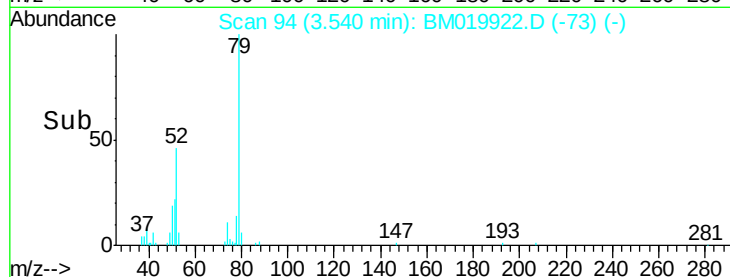
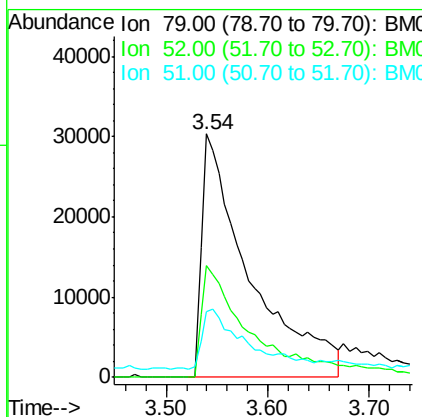
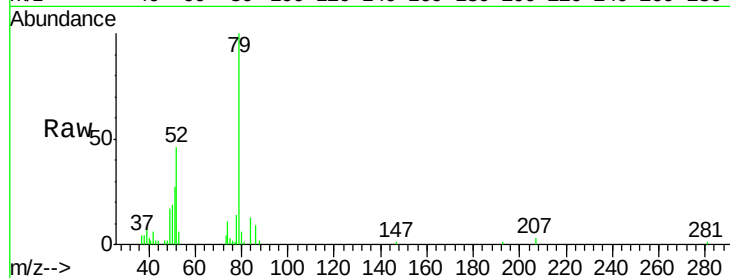
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	79	Resp:	99297
Ion	Ratio	Lower	Upper
79	100		
52	45.8	36.9	55.3
51	26.8	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 12.145 ng

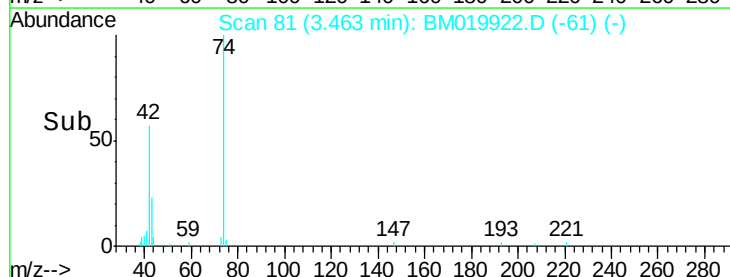
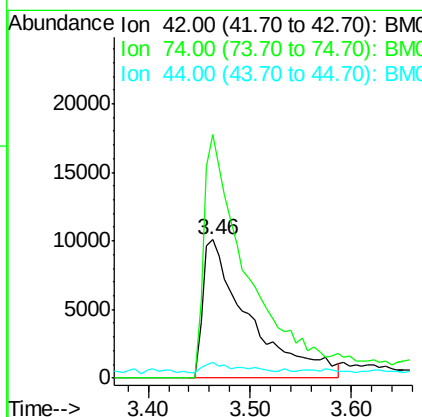
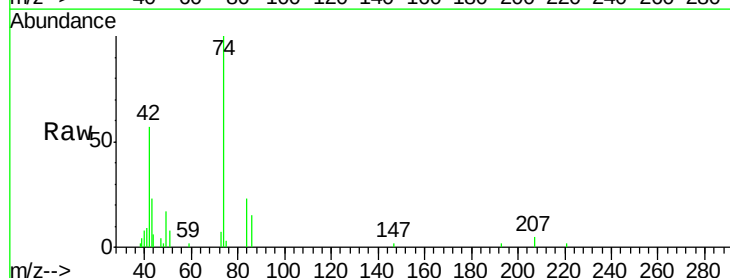
RT: 3.46 min Scan# 81

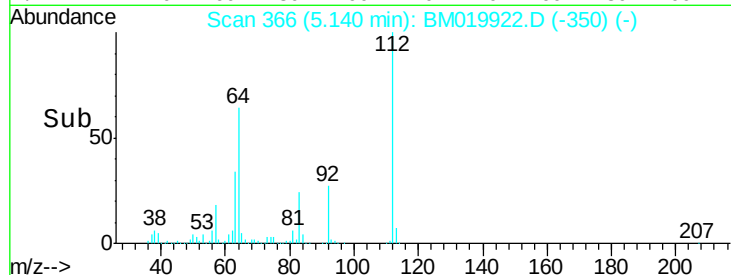
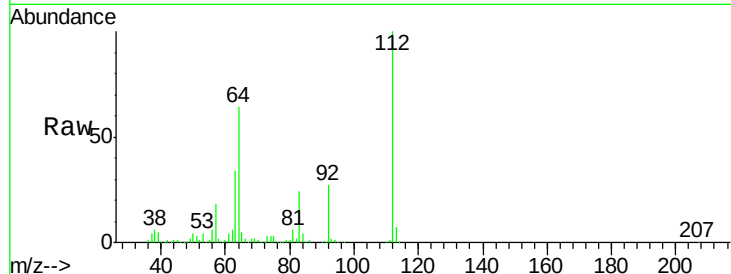
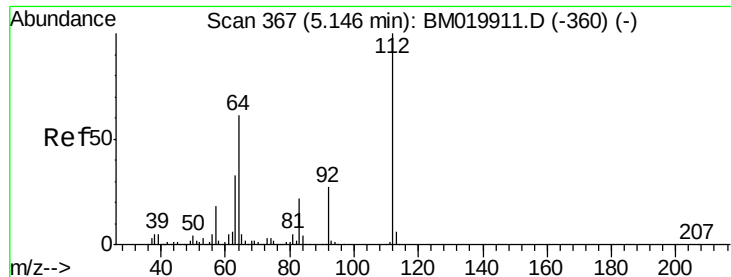
Delta R.T. 0.02 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	42	Resp:	31766
Ion	Ratio	Lower	Upper
42	100		
74	176.1	144.6	217.0
44	11.4	5.4	8.2





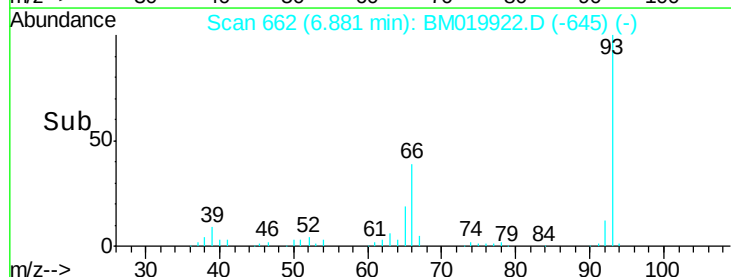
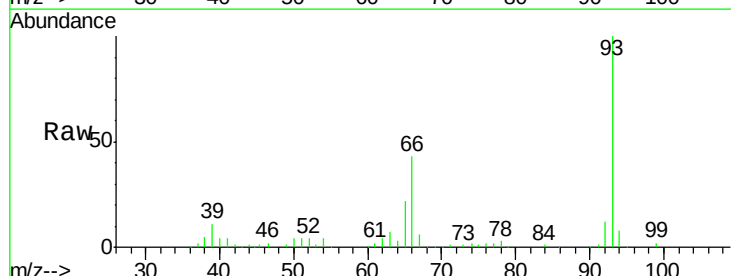
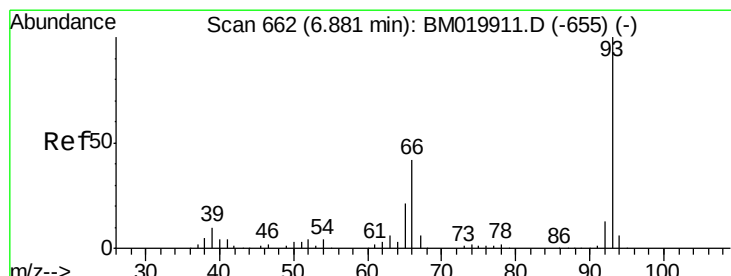
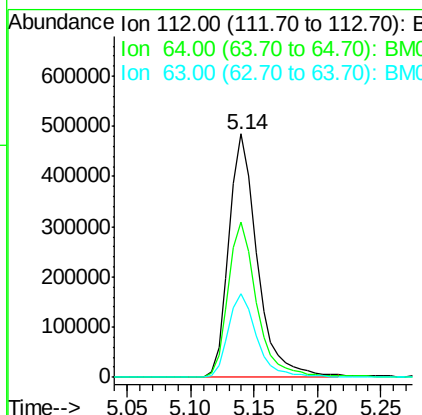
#5
2-Fluorophenol
Concen: 112.516 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	755914		
64	63.6	49.1	73.7	
63	34.4	26.5	39.7	

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

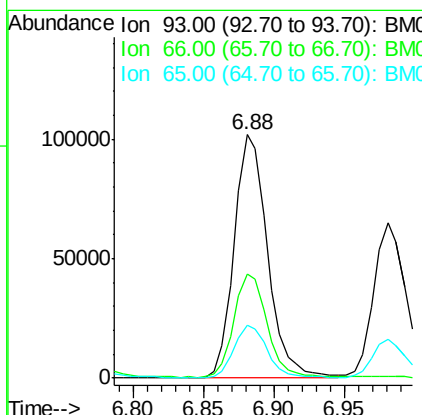
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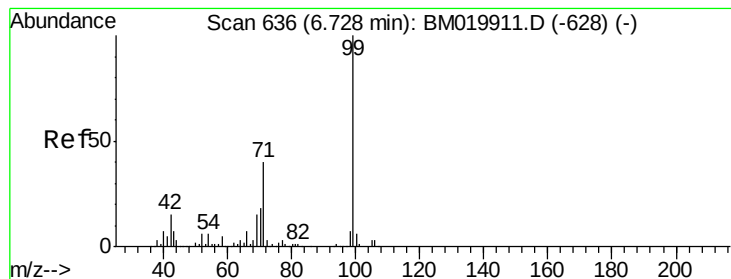
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#6
Aniline
Concen: 12.962 ng
RT: 6.88 min Scan# 662
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	169275		
66	42.9	33.9	50.9	
65	21.6	17.0	25.6	





#7

Phenol-d6

Concen: 109.209 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion: 99 Resp: 1104206

Ion Ratio Lower Upper

99 100

42 14.8 11.8 17.8

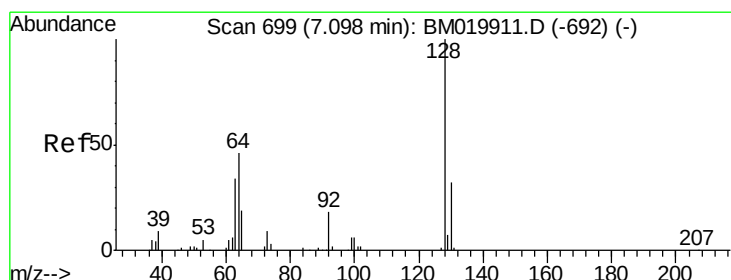
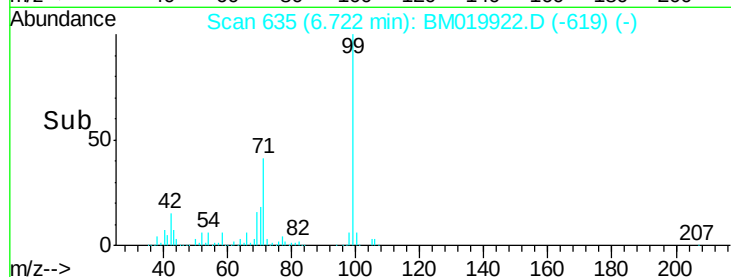
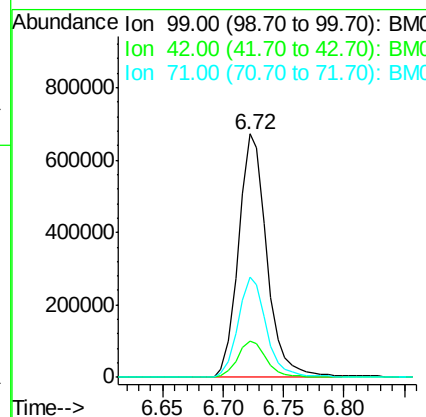
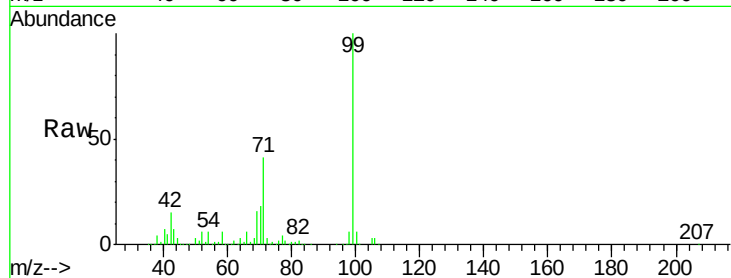
71 41.1 32.0 48.0

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#8

2-Chlorophenol

Concen: 13.368 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

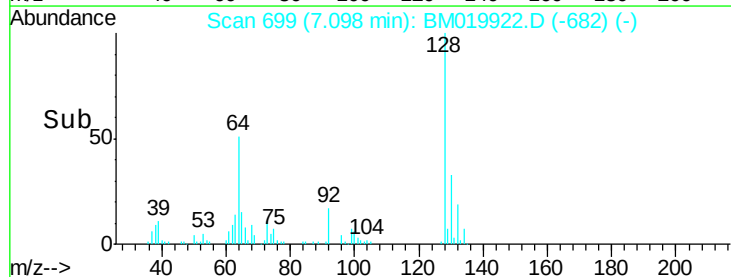
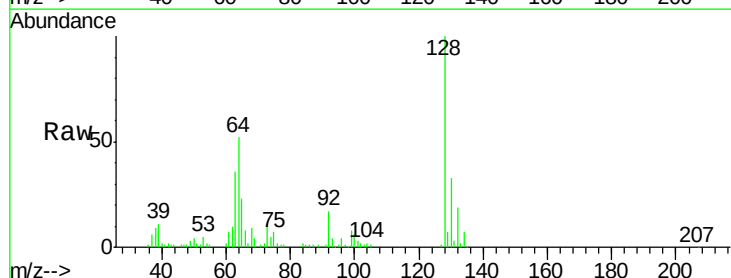
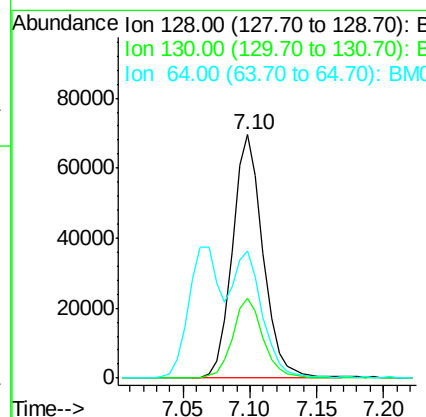
Tgt Ion: 128 Resp: 111700

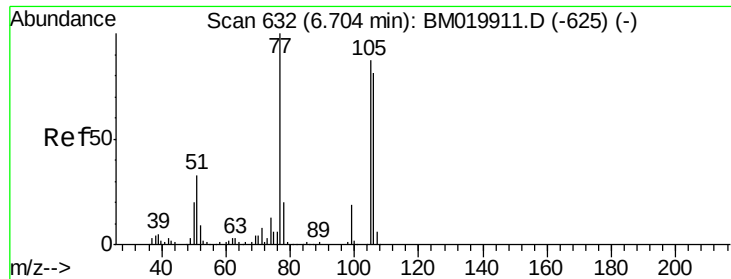
Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 52.1 33.0 73.0





#9

Benzaldehyde

Concen: 14.079 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.01 min

Lab File: BM019922.D

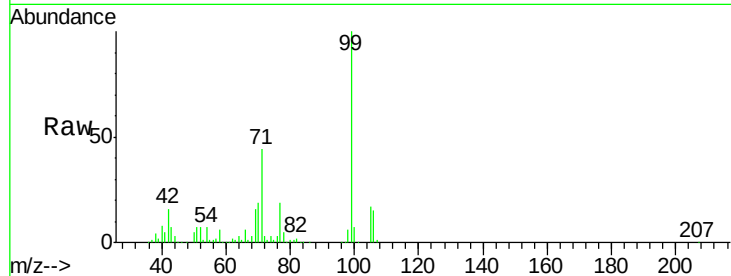
Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

ClientSampleId :

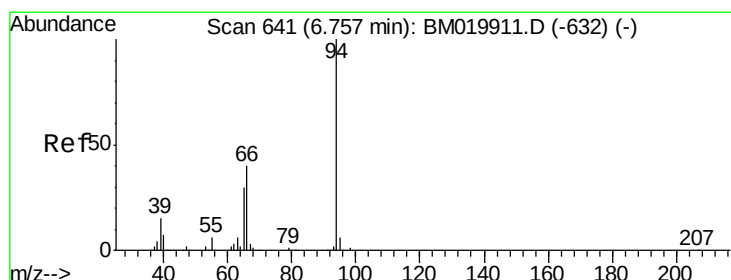
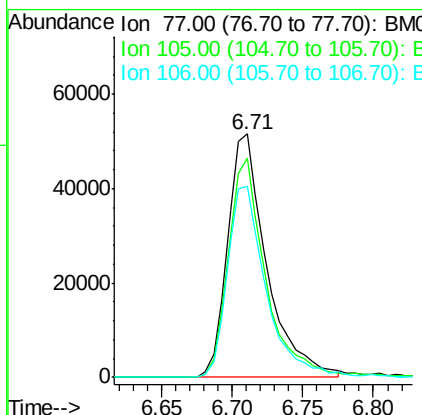
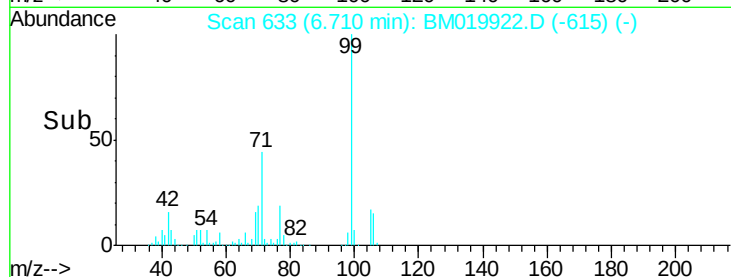
LOD-MDL-WATER-01-QT1-2019



Tgt Ion:	77	Resp:	99634
Ion	Ratio	Lower	Upper
77	100		
105	89.8	67.3	107.3
106	78.5	60.6	100.6

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#10

Phenol

Concen: 13.158 ng

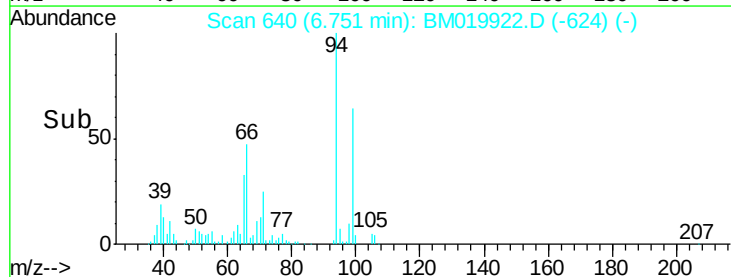
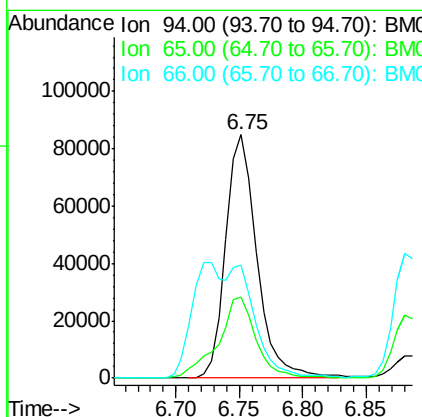
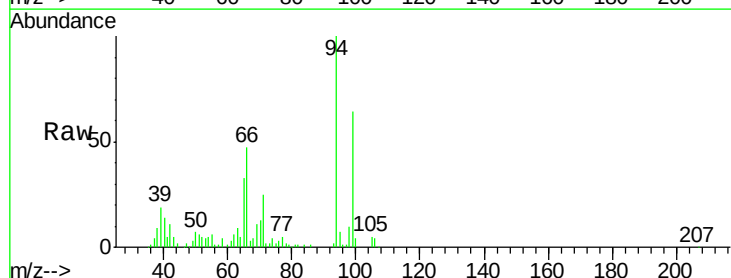
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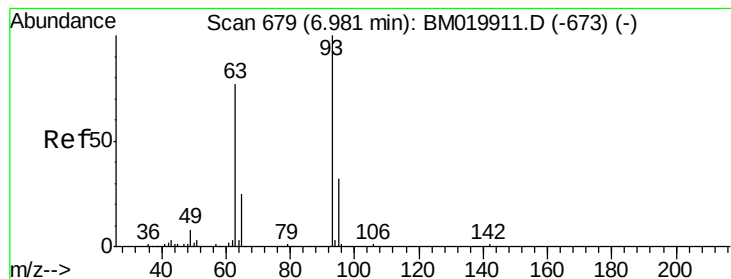
Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	94	Resp:	145353
Ion	Ratio	Lower	Upper
94	100		
65	33.2	10.0	50.0
66	46.7	20.2	60.2





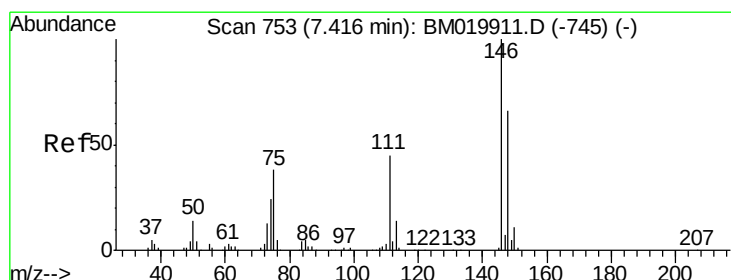
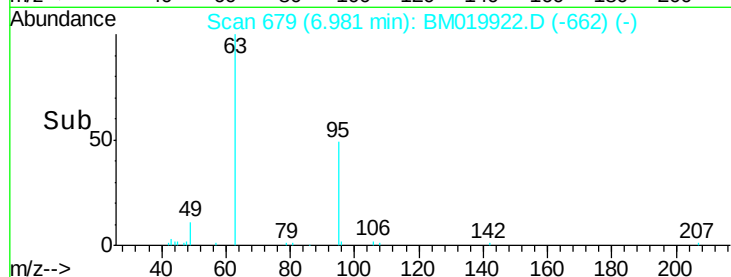
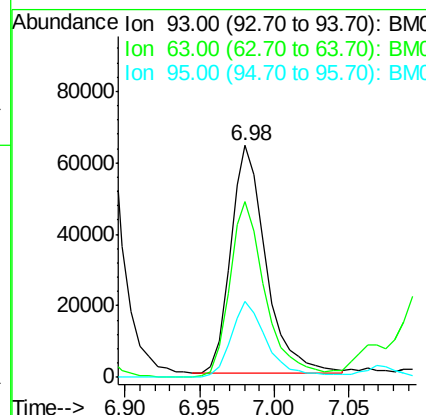
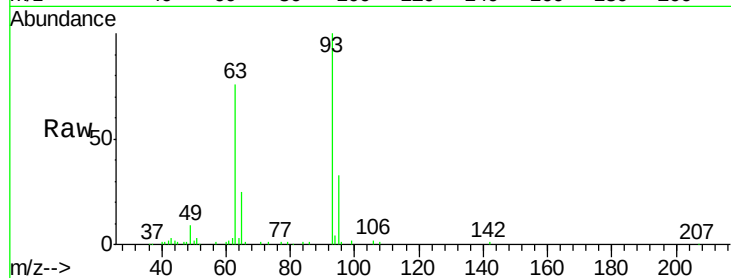
#11
bis(2-Chloroethyl)ether
Concen: 12.911 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	104351		
63	75.9	55.8	95.8	
95	32.7	11.6	51.6	

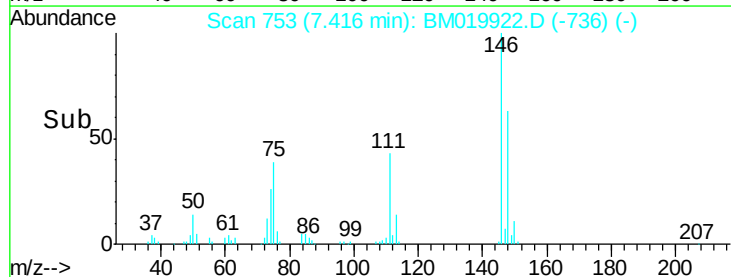
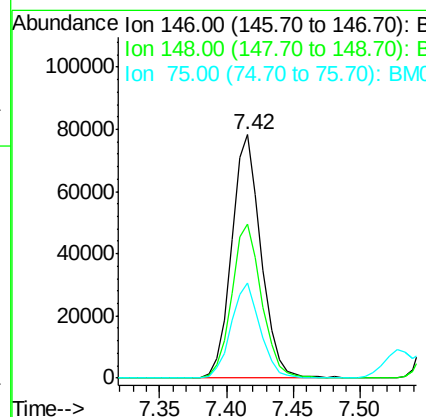
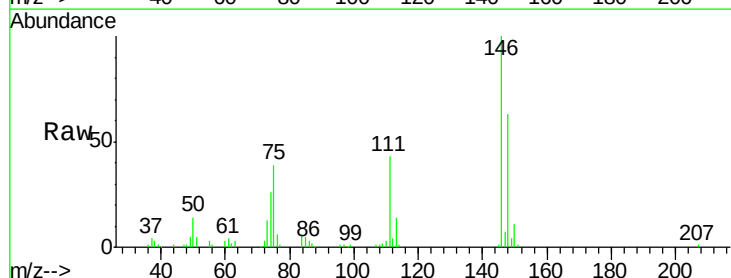
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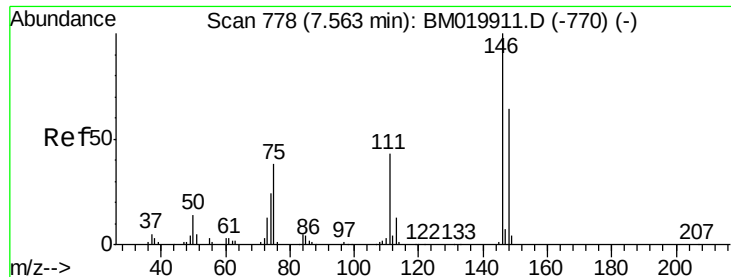
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#12
1,3-Dichlorobenzene
Concen: 13.699 ng
RT: 7.42 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	120172		
148	63.5	52.6	78.8	
75	39.1	30.0	45.0	





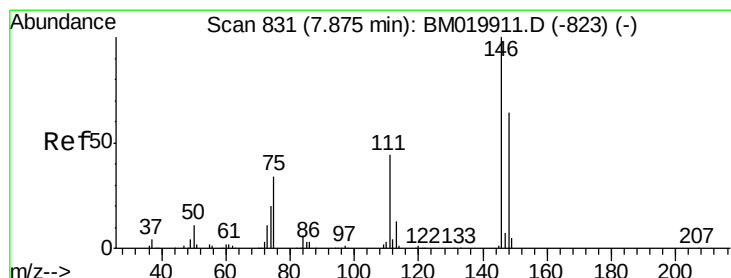
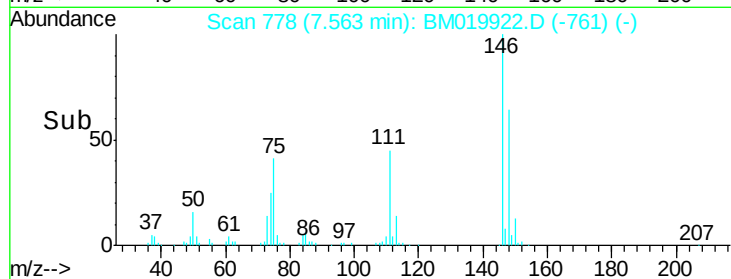
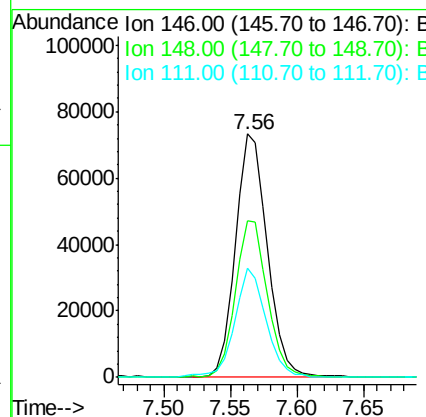
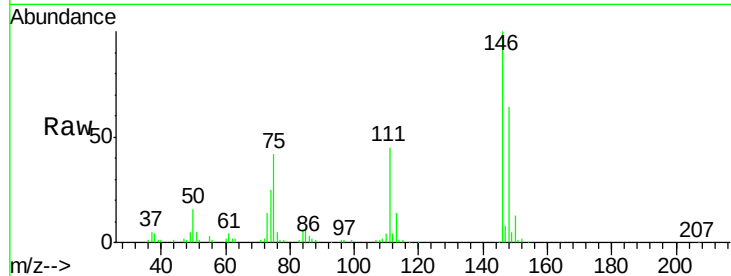
#13
 1,4-Dichlorobenzene
 Concen: 13.716 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122081		
148	64.4	51.1	76.7	
111	44.7	34.6	51.8	

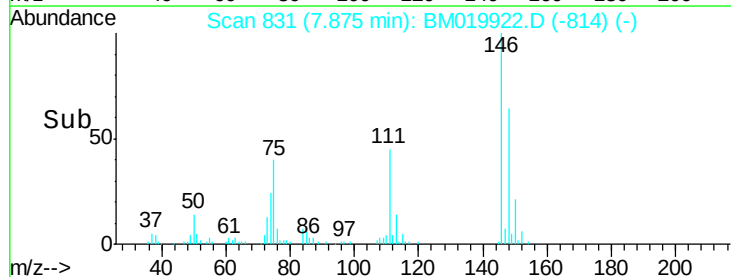
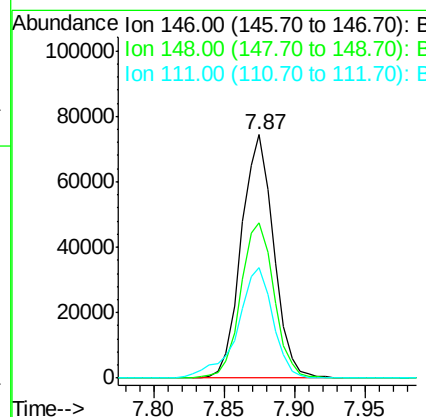
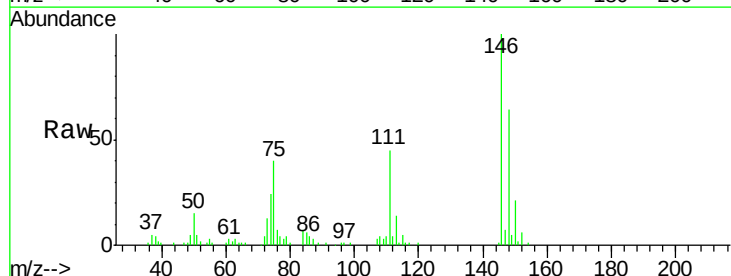
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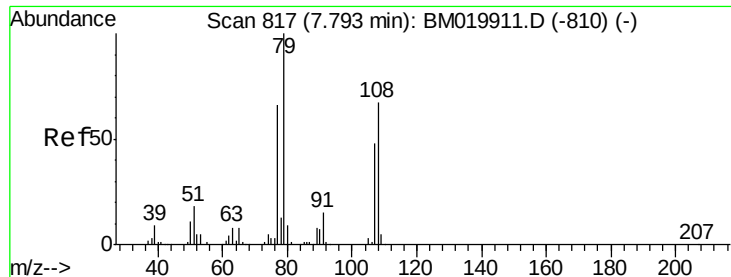
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 13.513 ng
 RT: 7.87 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119252		
148	63.8	51.4	77.2	
111	45.1	35.4	53.0	





#15

Benzyl Alcohol

Concen: 12.804 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

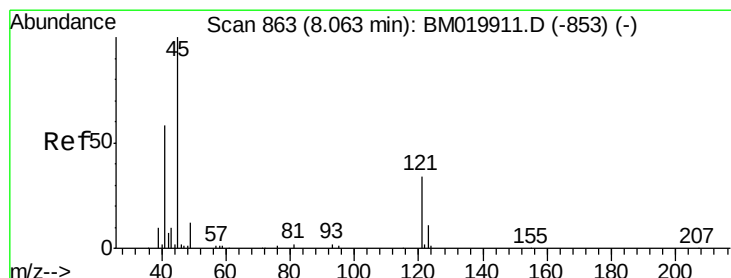
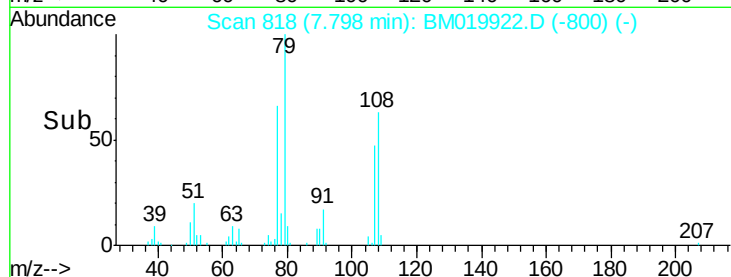
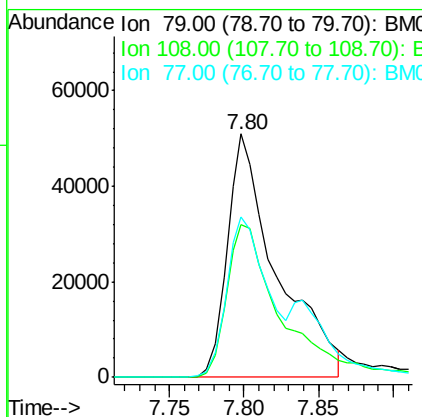
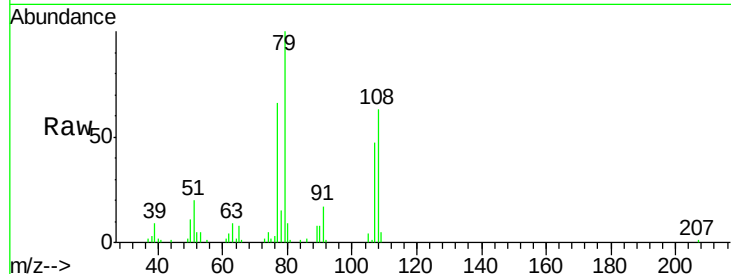
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	79	Resp:	117691
Ion Ratio	Lower	Upper	
79	100		
108	62.9	53.9	80.9
77	65.8	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 13.577 ng

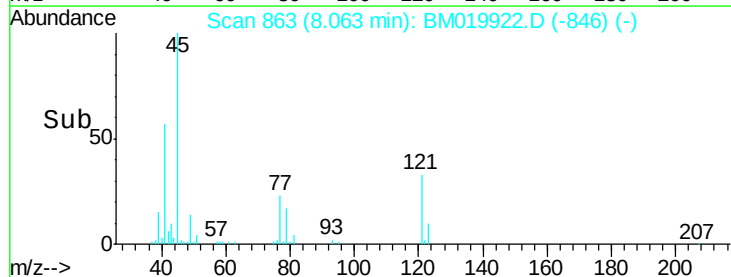
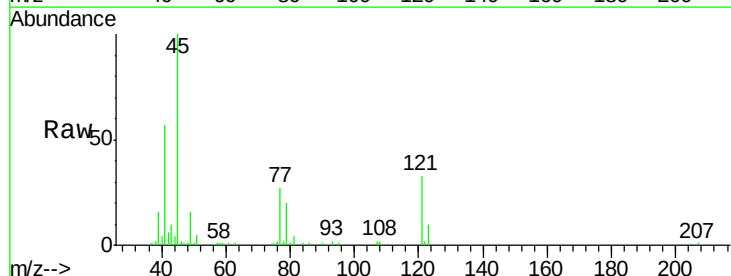
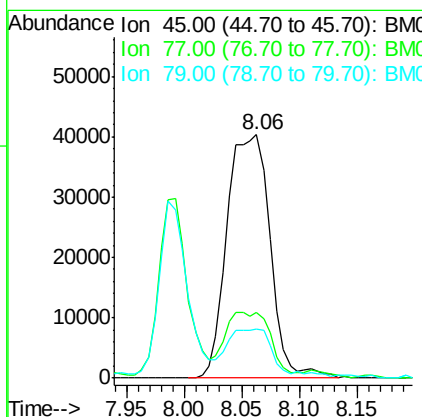
RT: 8.06 min Scan# 863

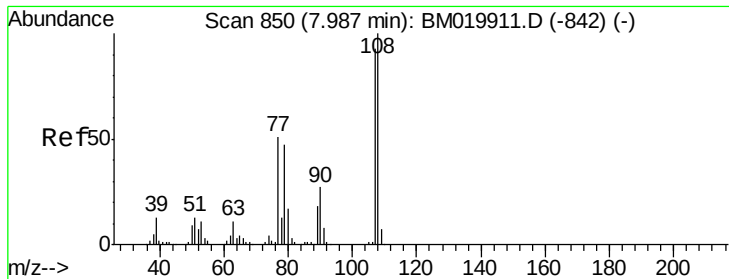
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	45	Resp:	104606
Ion Ratio	Lower	Upper	
45	100		
77	26.7	7.2	47.2
79	20.4	1.2	41.2





#17

2-Methylphenol

Concen: 12.789 ng

RT: 7.99 min Scan# 850

Delta R.T. -0.00 min

Lab File: BM019922.D

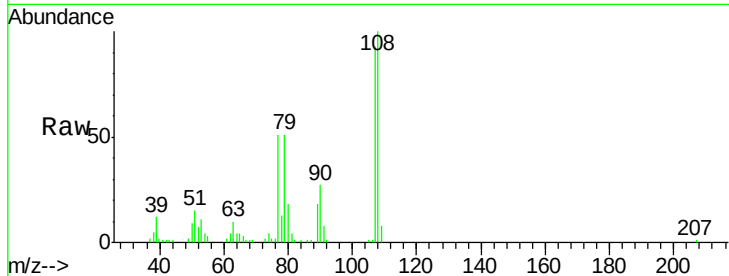
Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

ClientSampleId :

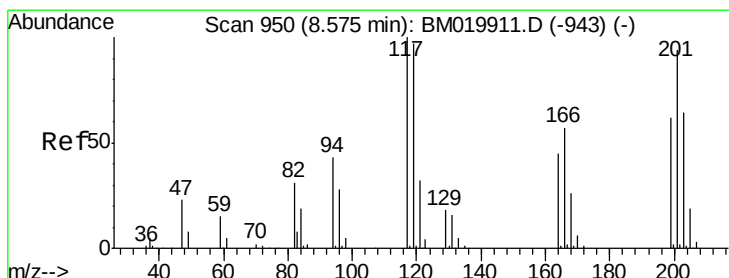
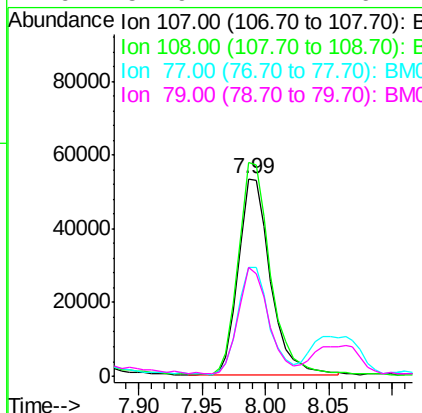
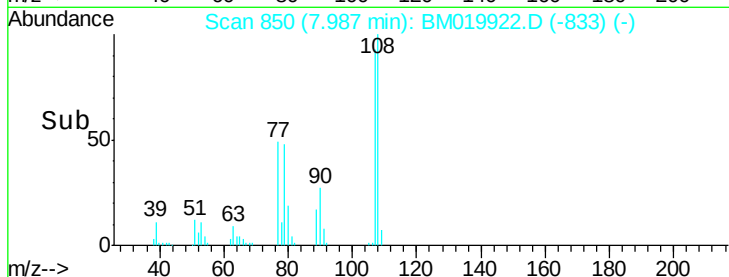
LOD-MDL-WATER-01-QT1-2019



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	93506		
108	108.1	85.9	128.9	
77	55.3	43.8	65.6	
79	54.9	41.1	61.7	

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#18

Hexachloroethane

Concen: 13.528 ng

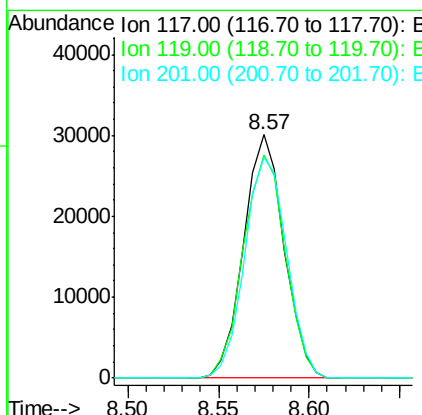
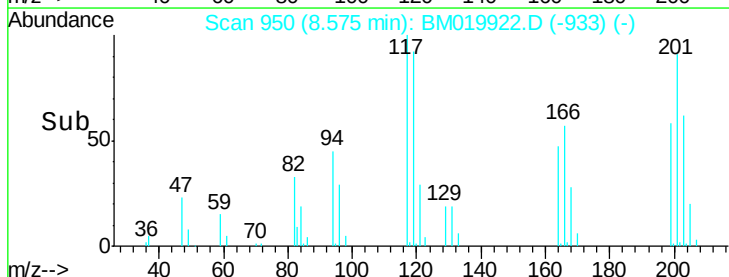
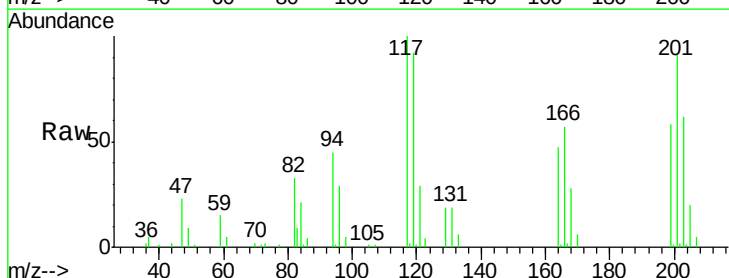
RT: 8.57 min Scan# 950

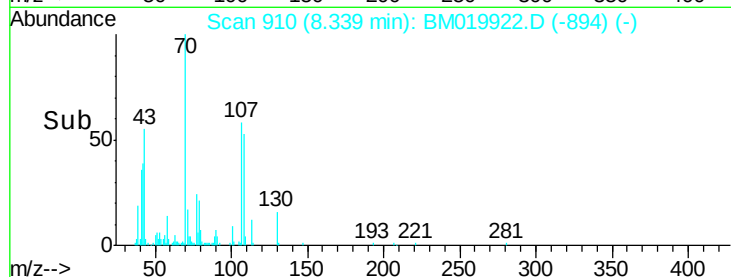
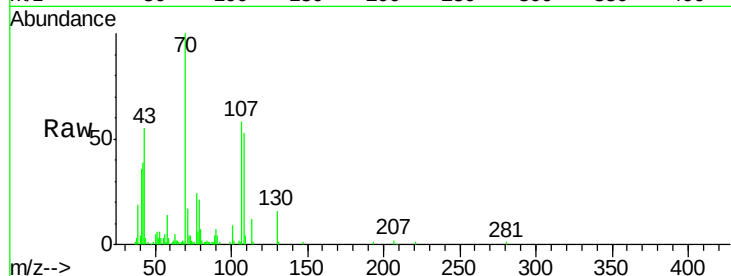
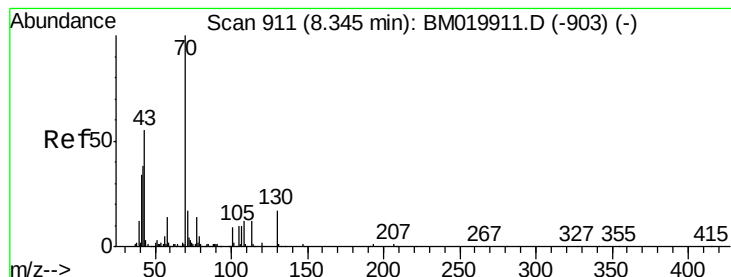
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46803		
119	91.6	77.6	116.4	
201	90.7	75.4	113.2	





#19

n-Nitroso-di-n-propylamine

Concen: 12.759 ng

RT: 8.34 min Scan# 910

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.1	30.3	45.5
101	8.6	6.9	10.3
130	16.3	13.8	20.6

Instrument :

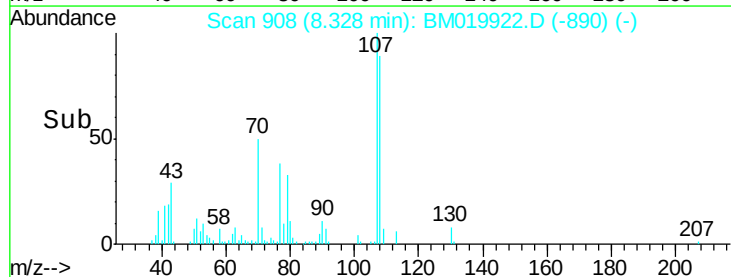
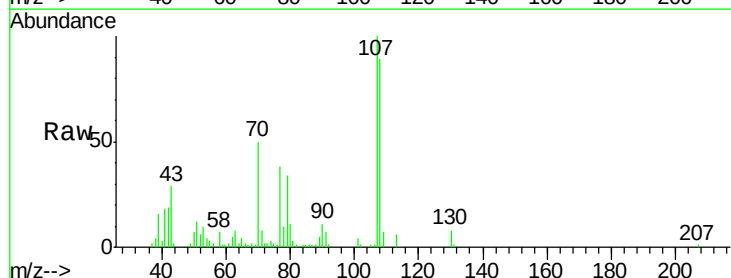
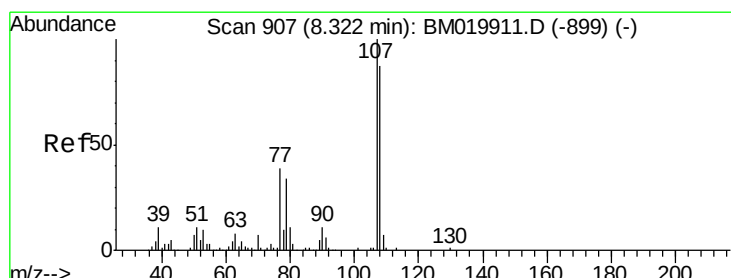
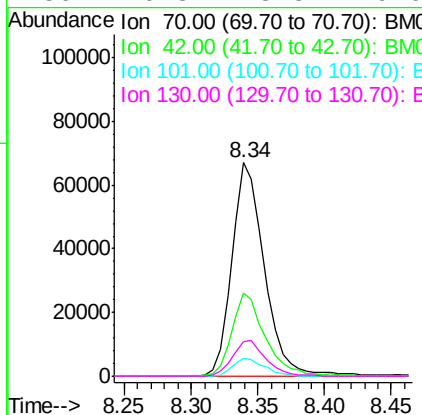
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

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#20

3+4-Methylphenols

Concen: 12.266 ng

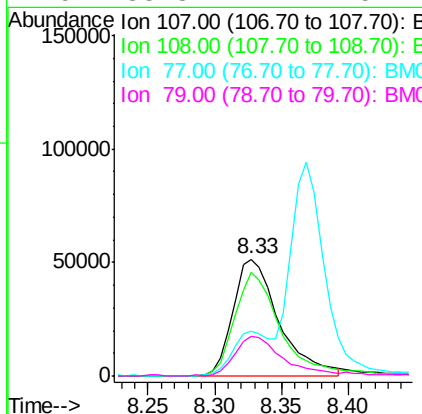
RT: 8.33 min Scan# 908

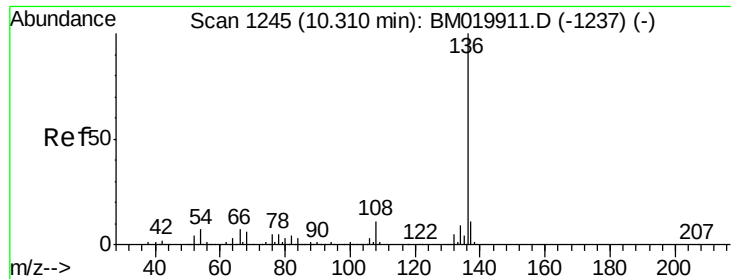
Delta R.T. 0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.4	107.4
77	38.4	19.7	59.7
79	33.8	14.1	54.1





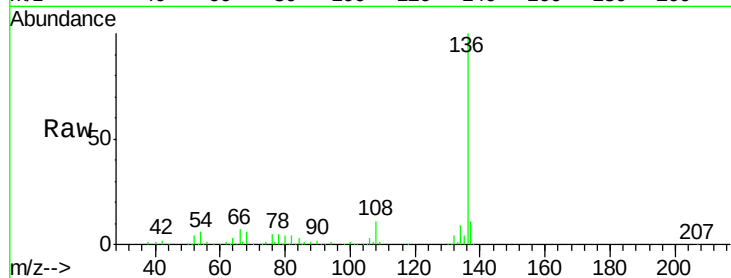
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

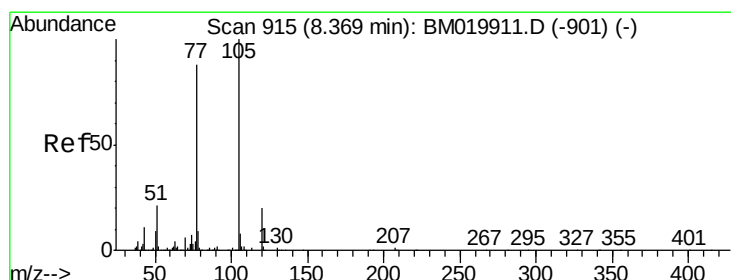
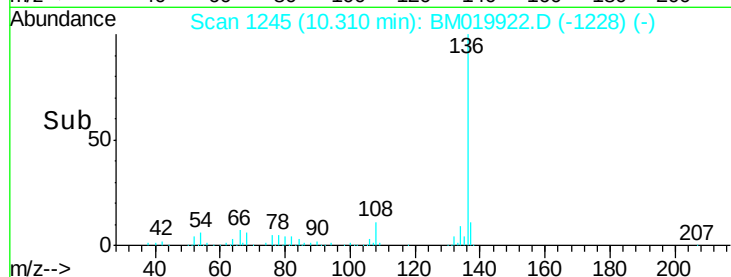
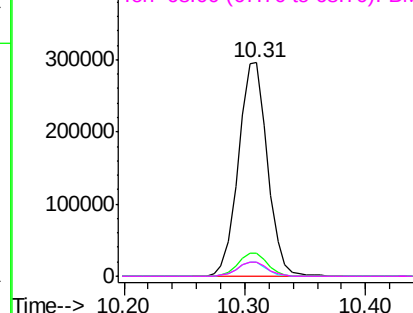
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	496368		
137	10.9	9.0	13.6	
54	6.3	5.3	7.9	
68	6.4	5.2	7.8	

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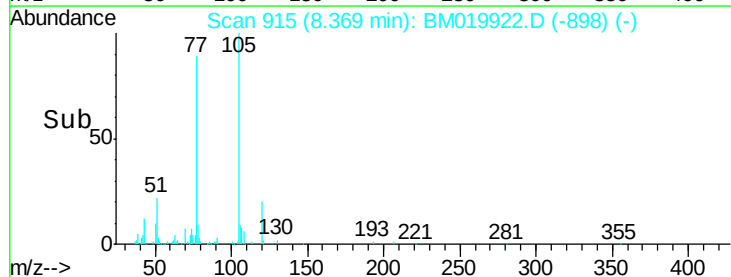
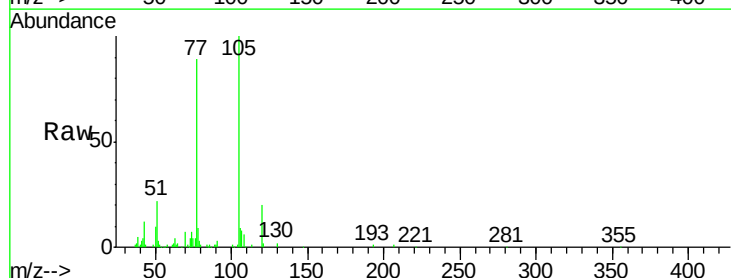
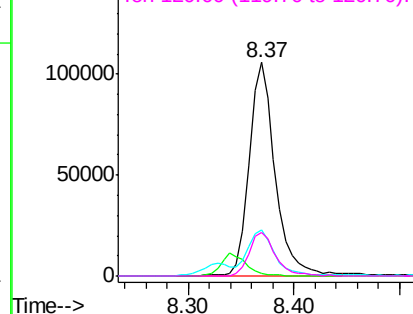
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

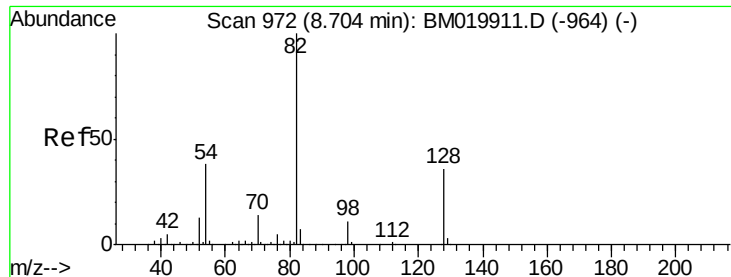


#22
Acetophenone
Concen: 13.389 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181009		
71	1.2	0.8	1.2	
51	21.7	16.9	25.3	
120	20.3	16.4	24.6	

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





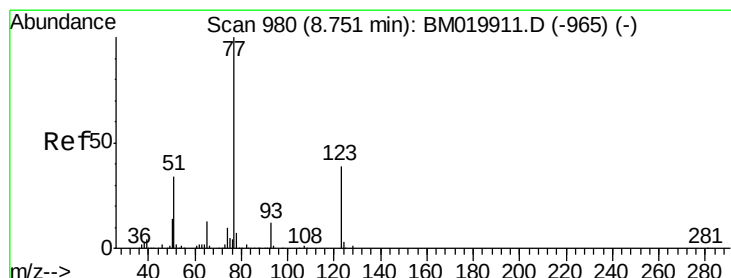
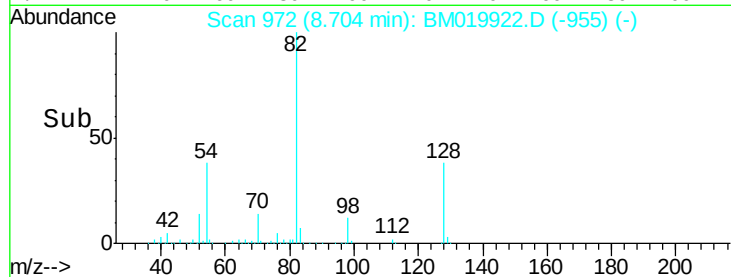
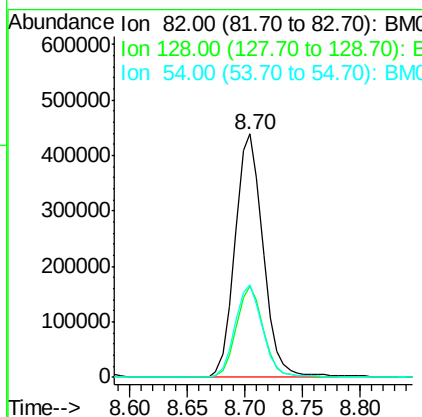
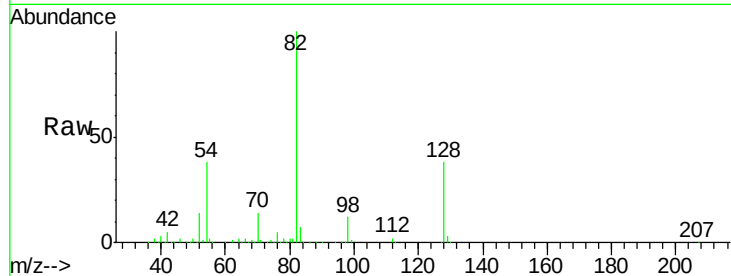
#23
 Nitrobenzene-d5
 Concen: 66.784 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.0	43.4
54	37.9	30.2	45.4

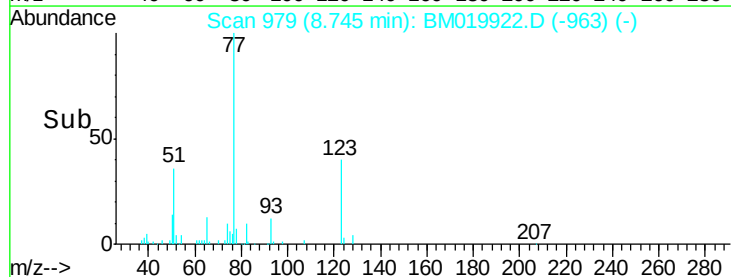
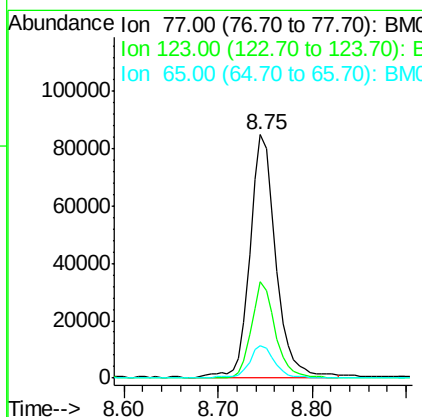
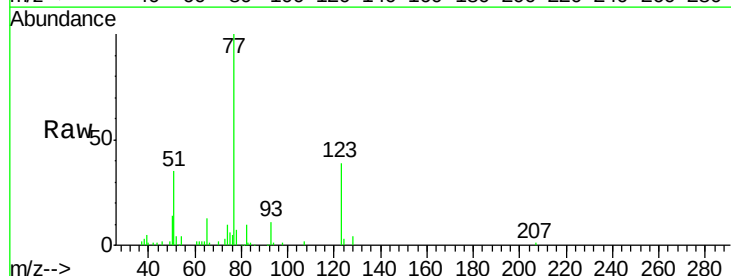
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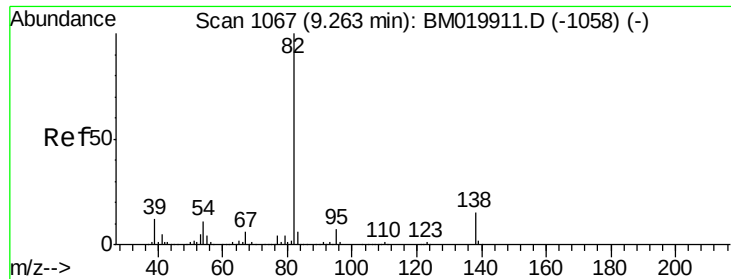
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#24
 Nitrobenzene
 Concen: 14.207 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.5	31.0	46.4
65	13.4	10.6	16.0





#25

Isophorone

Concen: 13.444 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

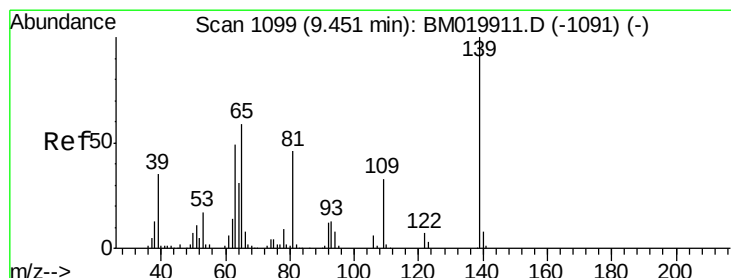
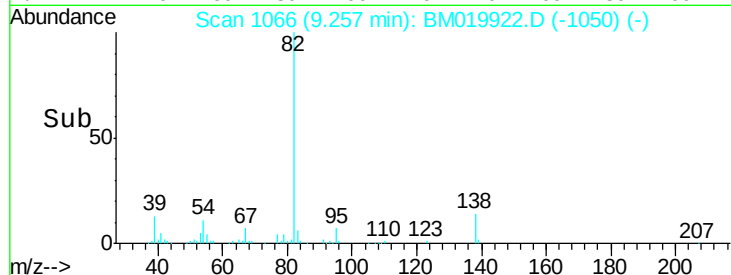
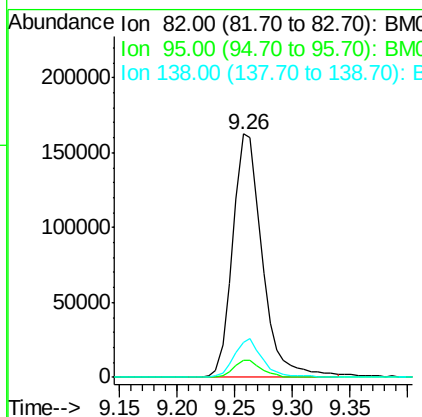
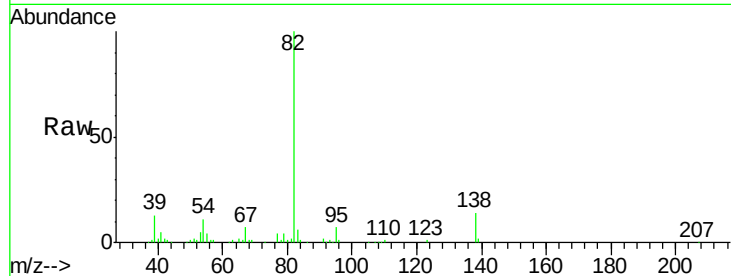
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	82	Resp:	290459
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.5	8.3
138	14.3	12.2	18.2

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#26

2-Nitrophenol

Concen: 12.468 ng

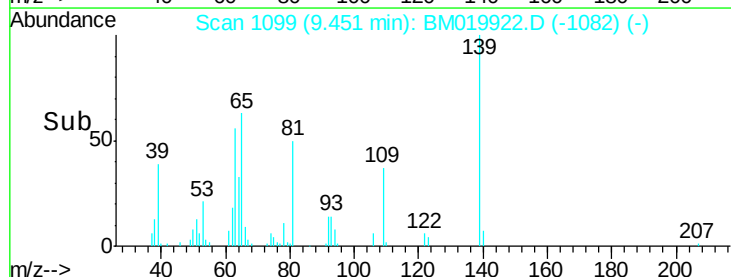
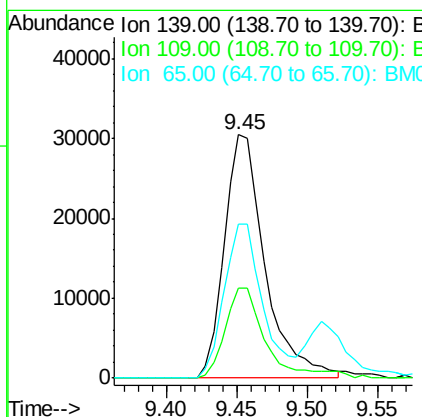
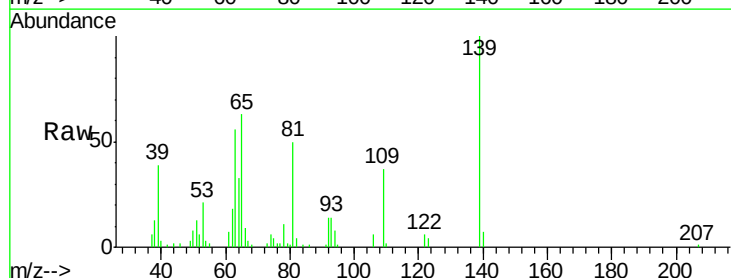
RT: 9.45 min Scan# 1099

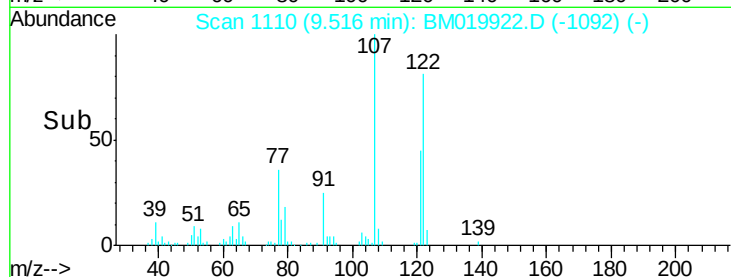
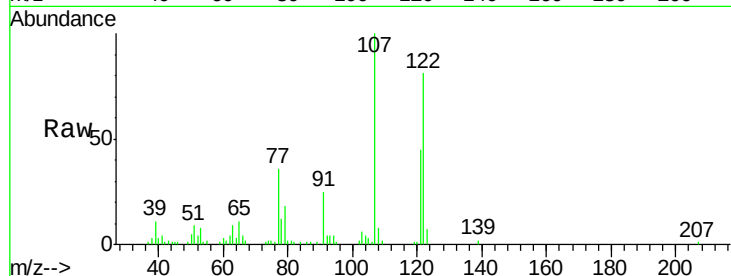
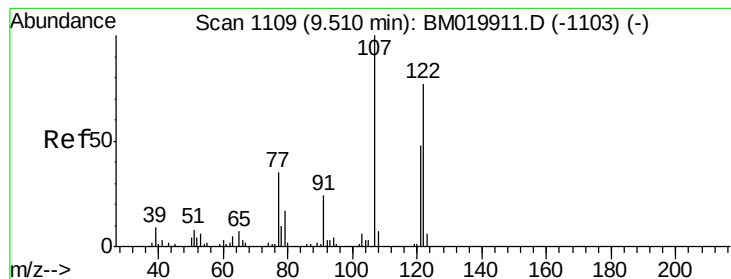
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	139	Resp:	61090
Ion	Ratio	Lower	Upper
139	100		
109	37.1	26.3	39.5
65	63.0	47.4	71.2





#27

2,4-Dimethylphenol

Concen: 12.100 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

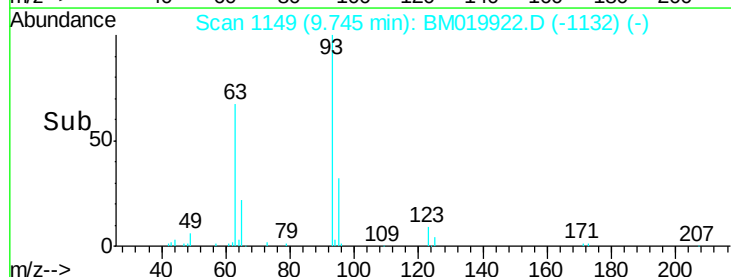
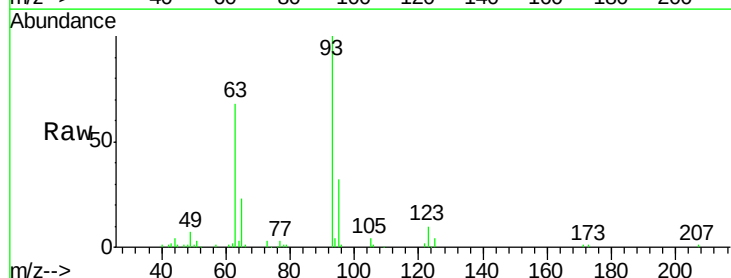
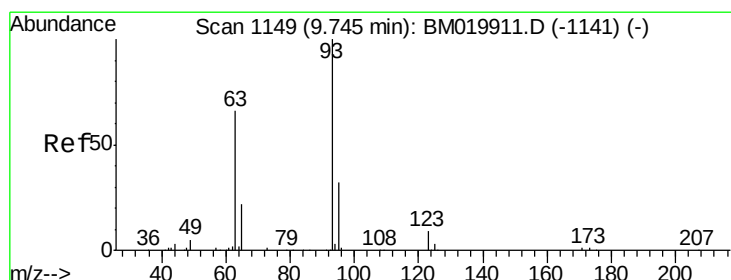
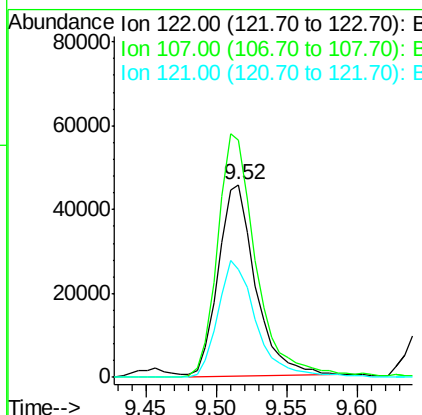
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	122	Resp:	83830
Ion Ratio	Lower	Upper	
122	100		
107	123.0	103.1	154.7
121	55.6	49.8	74.8

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#28

bis(2-Chloroethoxy)methane

Concen: 13.044 ng

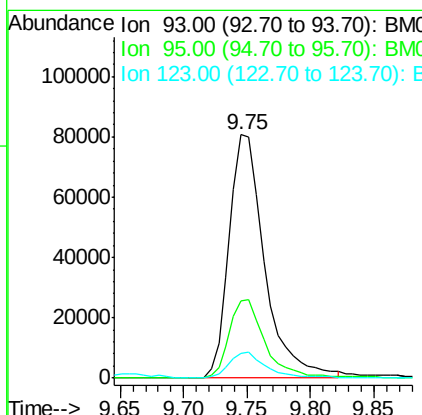
RT: 9.75 min Scan# 1149

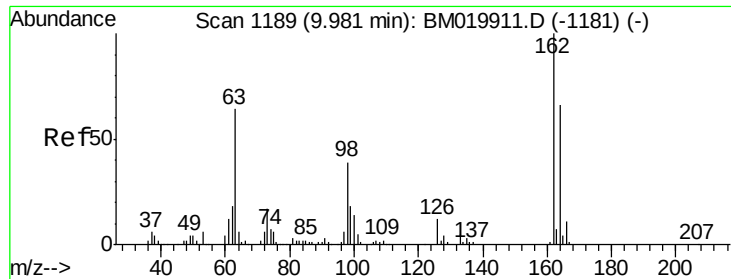
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	93	Resp:	157815
Ion Ratio	Lower	Upper	
93	100		
95	32.0	25.8	38.8
123	10.0	8.2	12.2





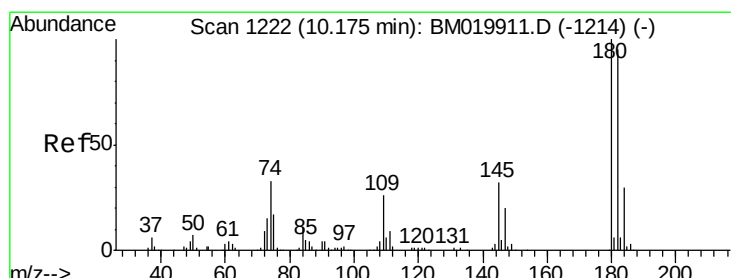
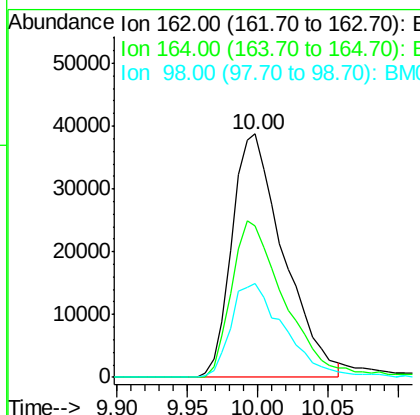
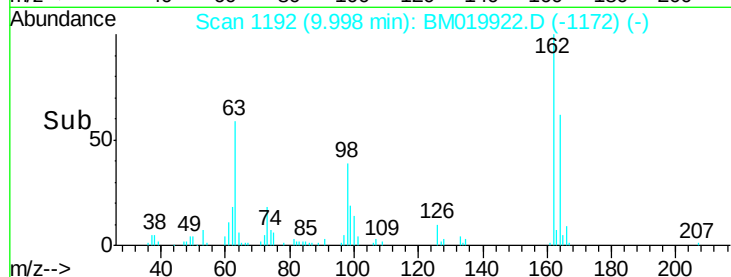
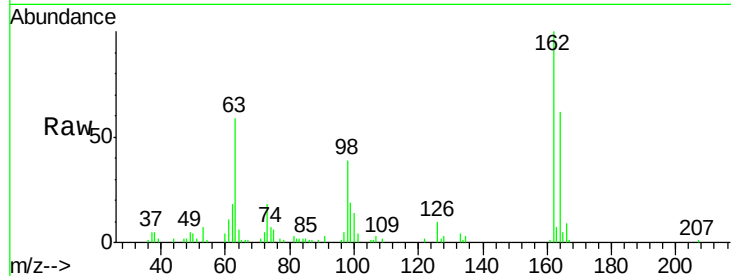
#29
2,4-Dichlorophenol
Concen: 12.614 ng
RT: 10.00 min Scan# 1192
Delta R.T. 0.02 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	99253		
164	62.4	46.3	86.3	
98	38.7	19.2	59.2	

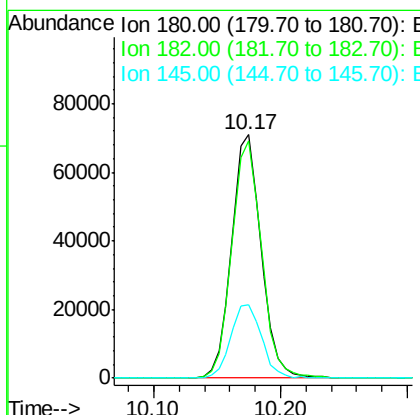
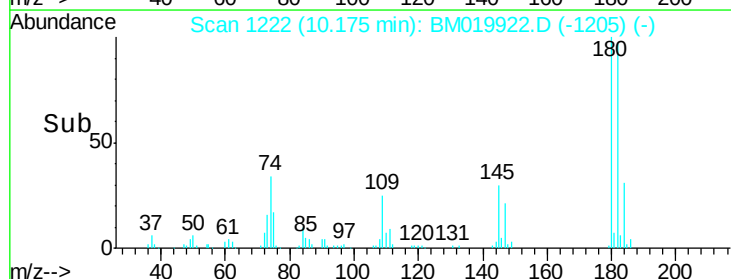
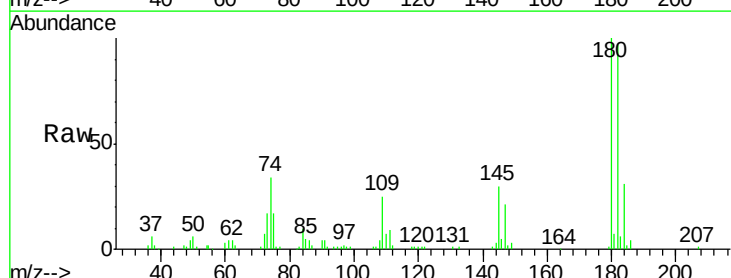
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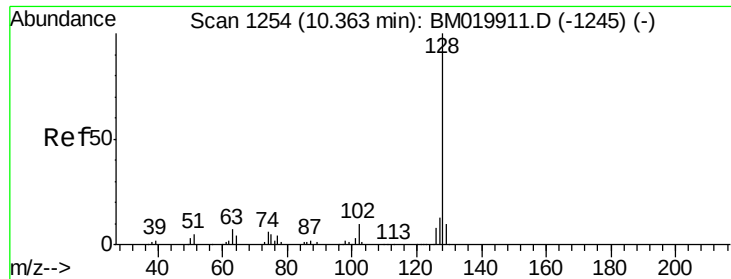
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#30
1,2,4-Trichlorobenzene
Concen: 13.498 ng
RT: 10.17 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114311		
182	97.4	76.3	114.5	
145	30.0	25.5	38.3	





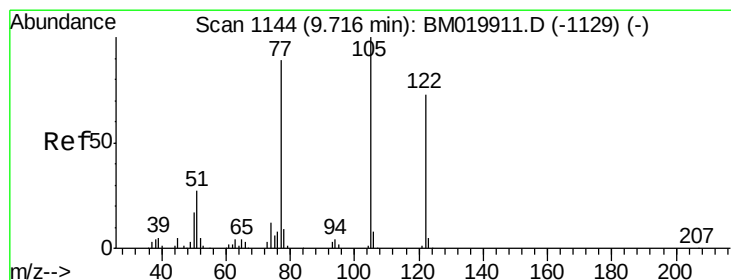
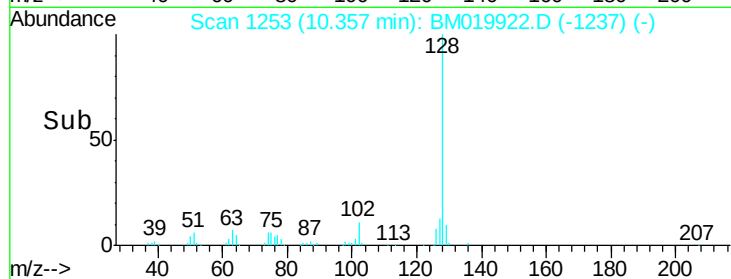
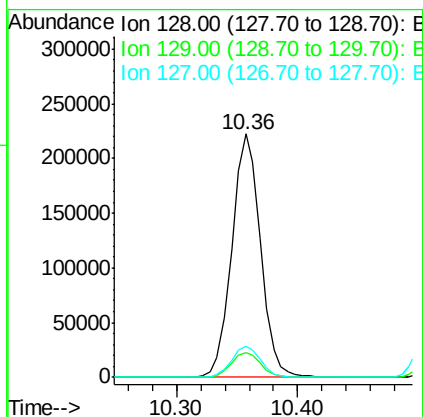
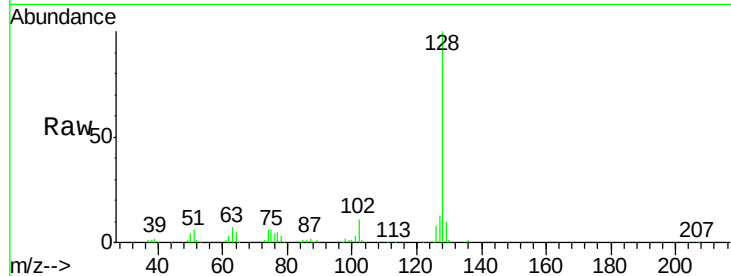
#31
Naphthalene
Concen: 13.824 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	368057		
129	10.0		8.3	12.5
127	12.6		10.4	15.6

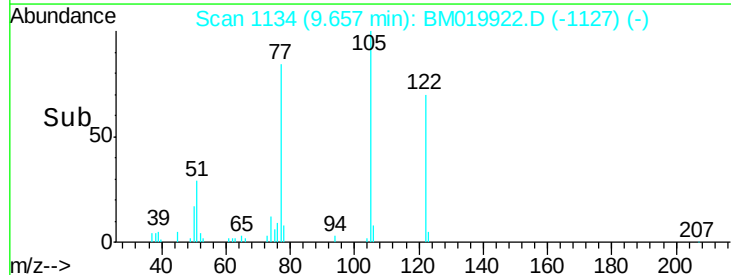
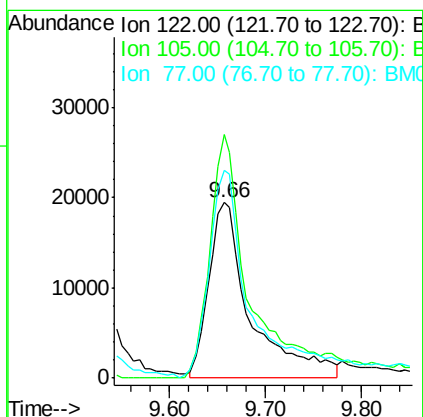
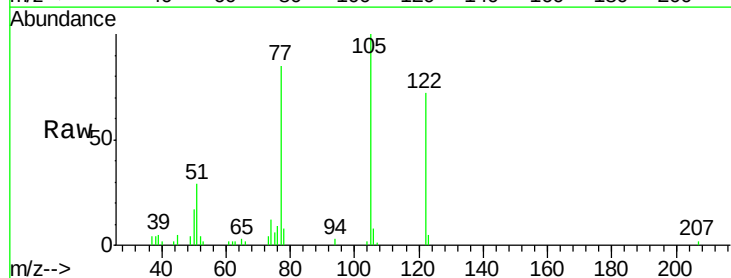
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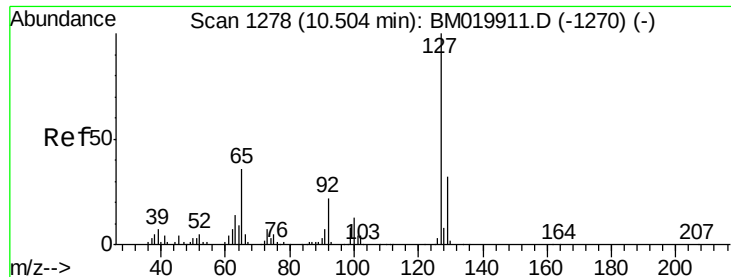
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#32
Benzoic acid
Concen: 13.162 ng m
RT: 9.66 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	59022		
105	138.6		114.8	154.8
77	118.3		100.2	140.2





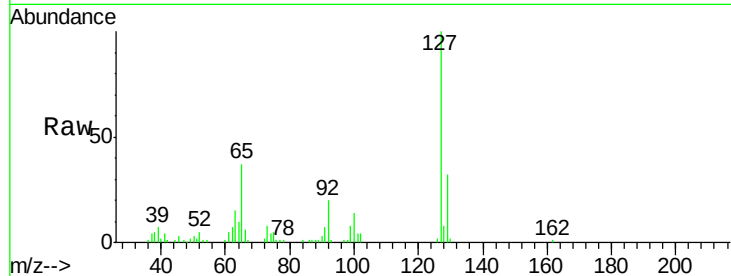
#33
4-Chloroaniline
Concen: 12.495 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

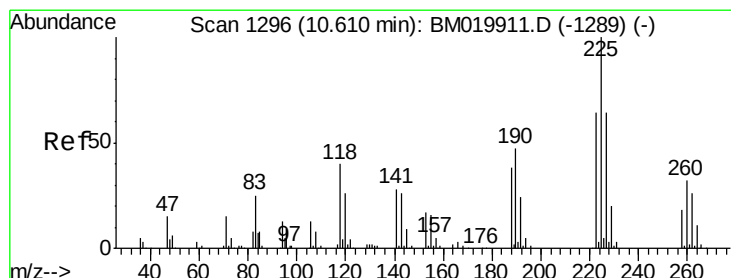
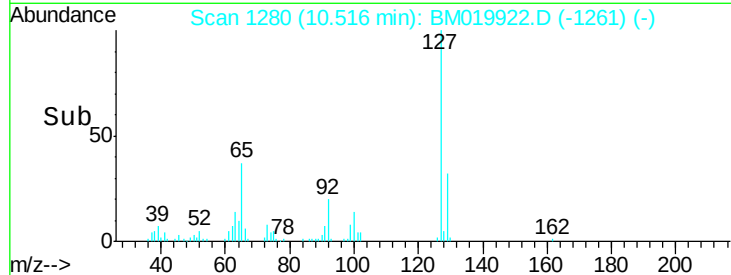
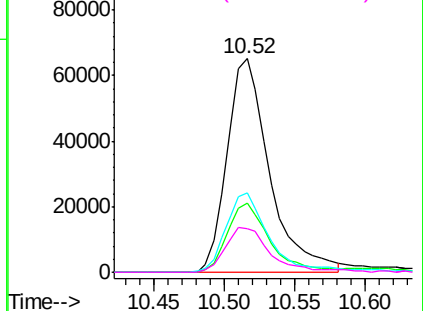
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	137047		
129	32.4	25.4	38.0	
65	36.9	29.2	43.8	
92	20.5	17.5	26.3	

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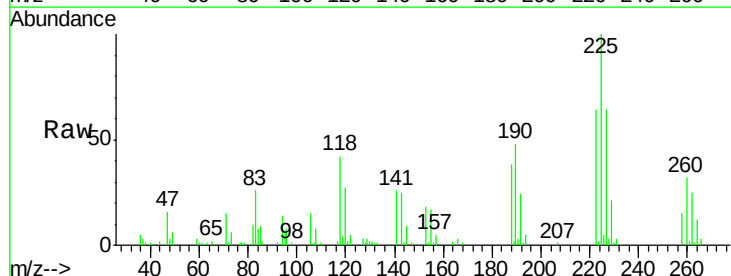


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

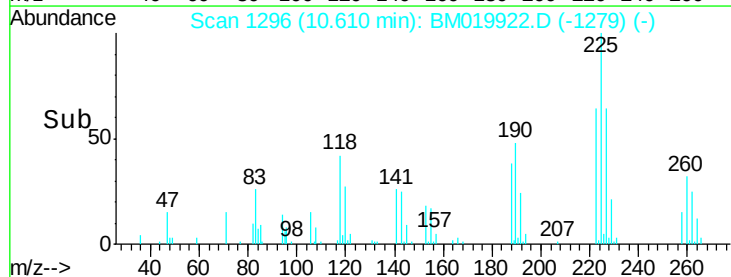
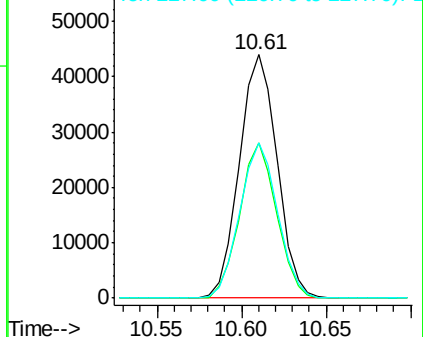


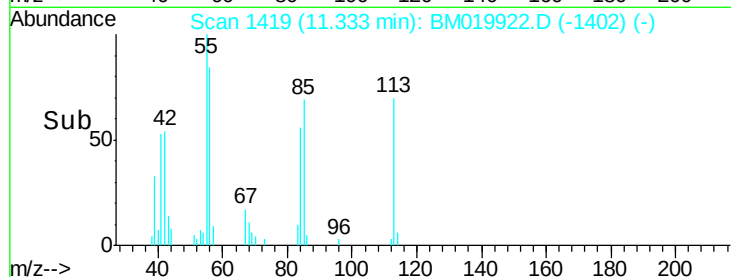
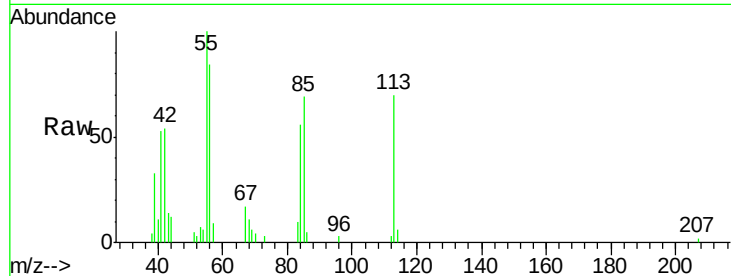
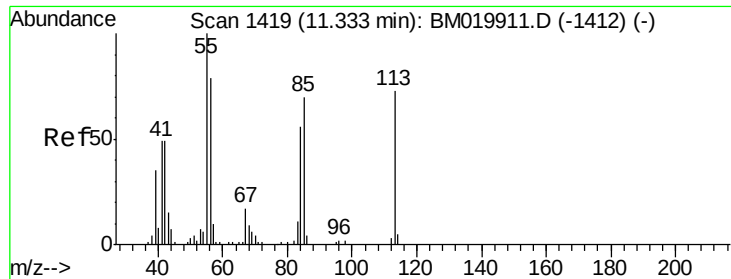
#34
Hexachlorobutadiene
Concen: 13.749 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68673		
223	63.7	51.4	77.2	
227	64.0	51.0	76.6	



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





#35

Caprolactam

Concen: 10.773 ng

RT: 11.33 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:113 Resp: 32085

Ion Ratio Lower Upper

113 100

55 142.1 117.1 157.1

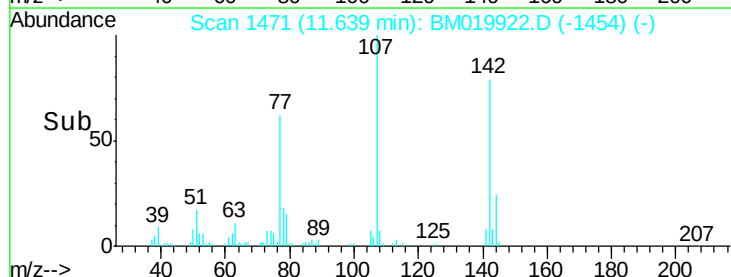
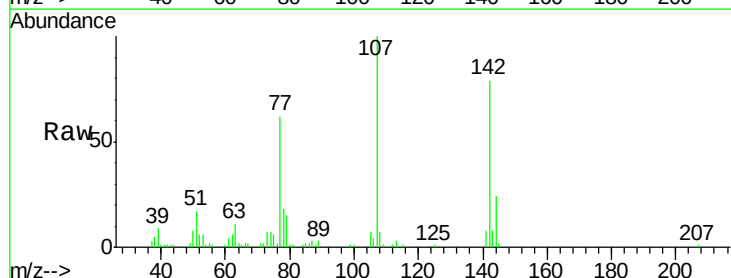
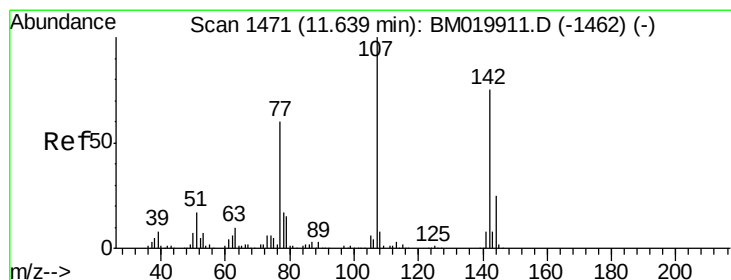
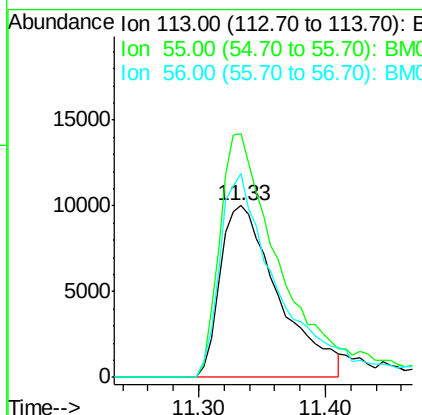
56 119.0 88.2 128.2

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#36

4-Chloro-3-methylphenol

Concen: 12.997 ng

RT: 11.64 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

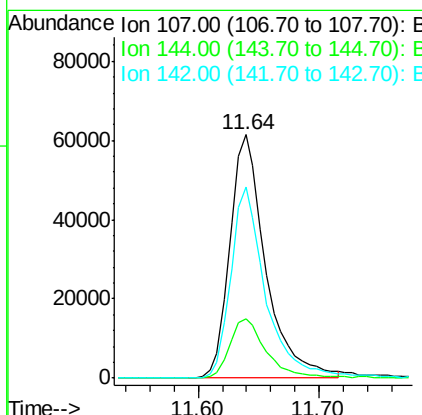
Tgt Ion:107 Resp: 127063

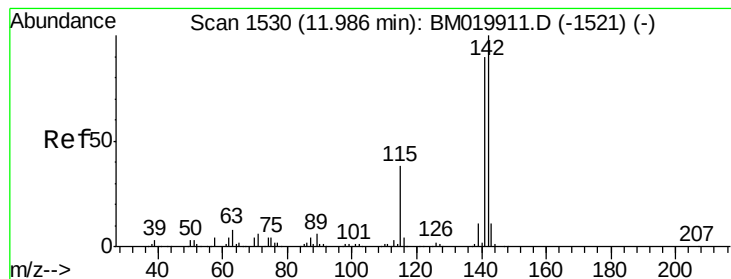
Ion Ratio Lower Upper

107 100

144 24.4 19.8 29.8

142 78.8 60.3 90.5





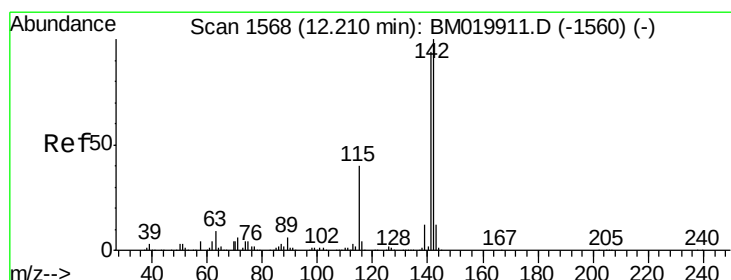
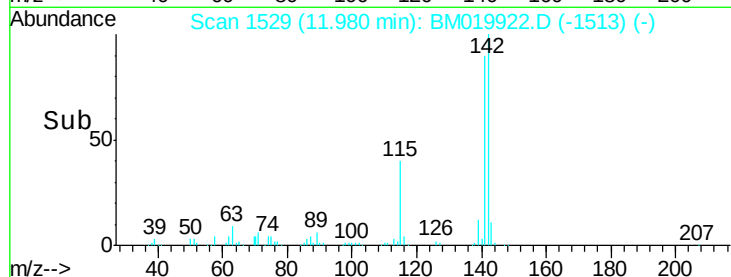
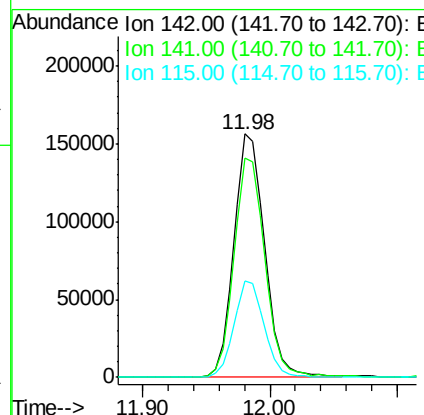
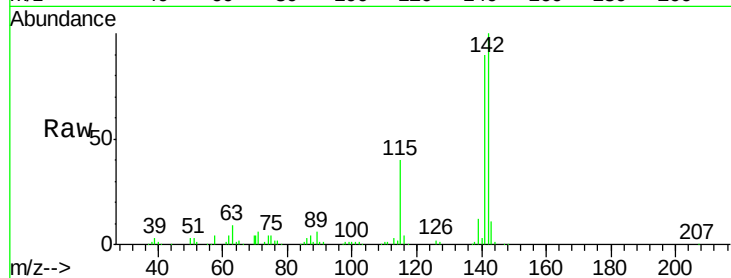
#37
 2-Methylnaphthalene
 Concen: 13.488 ng
 RT: 11.98 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	261448		
141	90.1	72.3	108.5	
115	39.6	30.5	45.7	

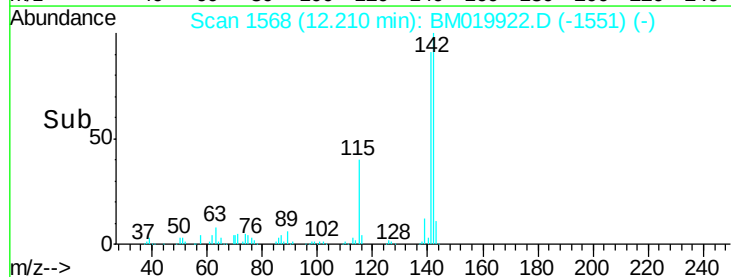
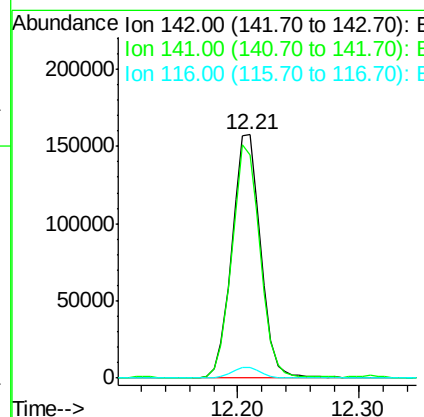
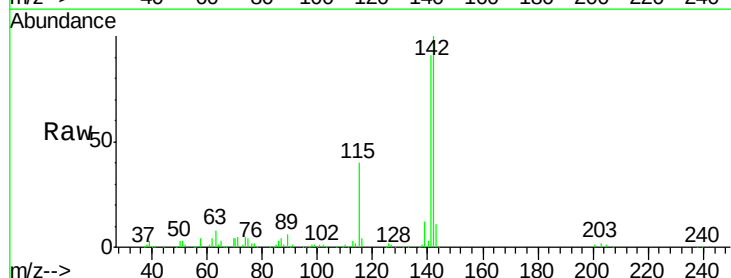
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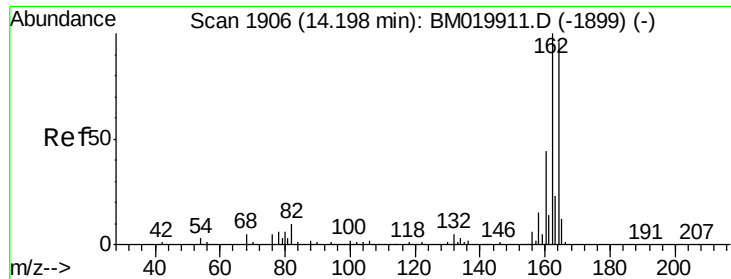
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#38
 1-Methylnaphthalene
 Concen: 13.627 ng
 RT: 12.21 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	260804		
141	91.4	75.7	113.5	
116	4.2	3.4	5.2	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

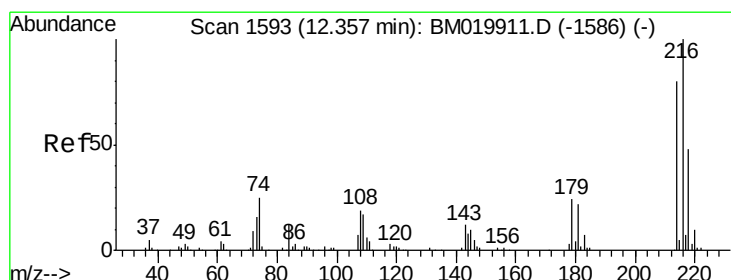
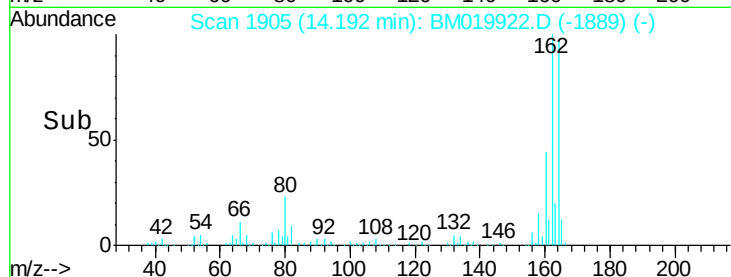
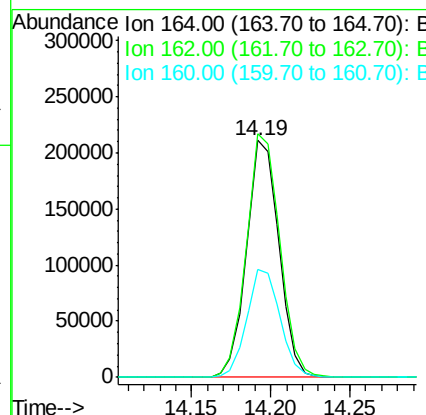
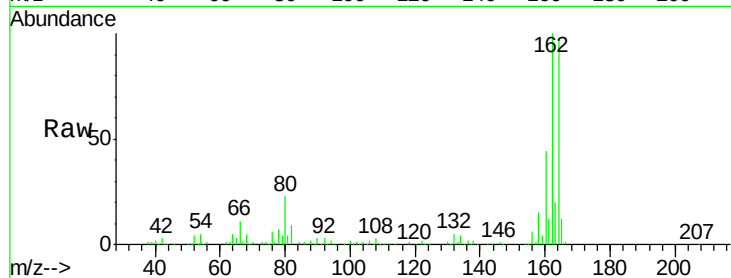
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	164	Resp:	299186
Ion Ratio	Lower	Upper	
164	100		
162	102.7	83.0	124.4
160	45.3	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 13.511 ng

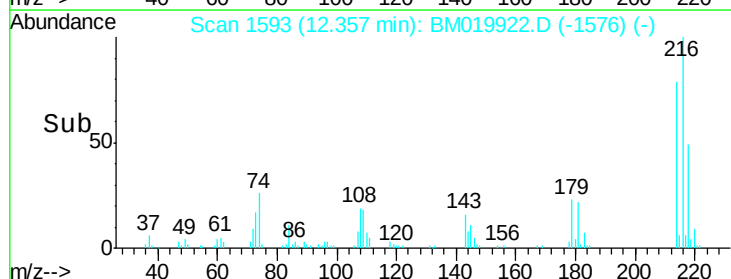
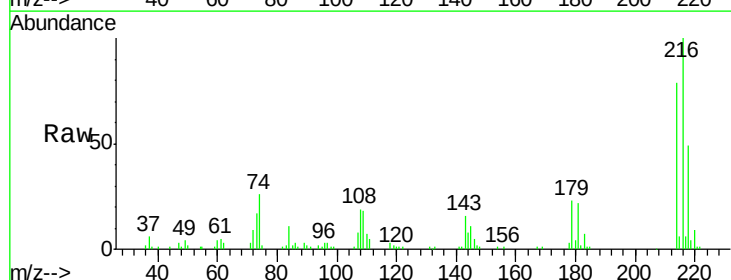
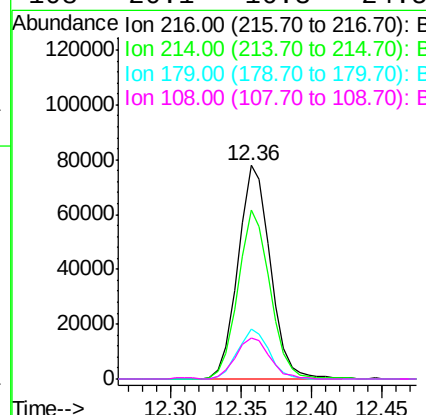
RT: 12.36 min Scan# 1593

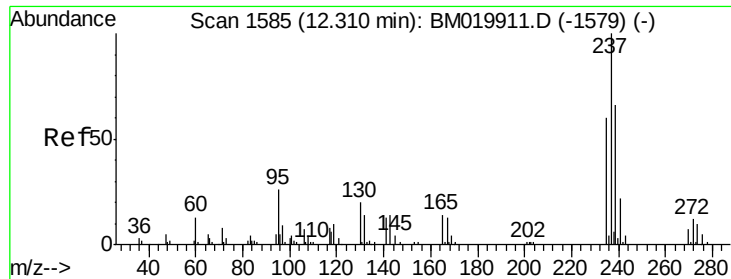
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	216	Resp:	124700
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.1	94.7
179	22.9	19.0	28.6
108	20.1	16.3	24.5





#41

Hexachlorocyclopentadiene

Concen: 14.928 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

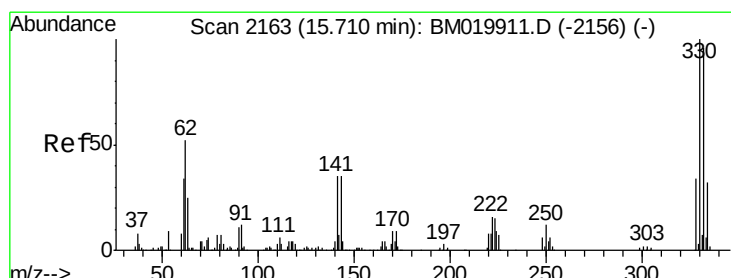
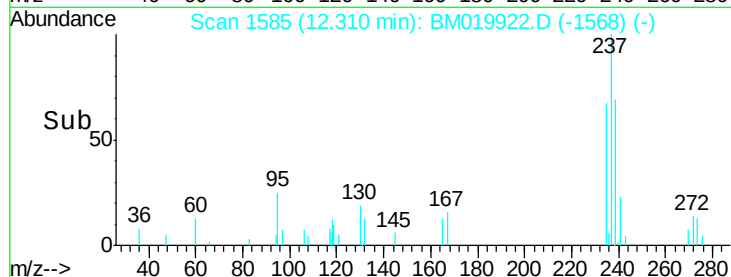
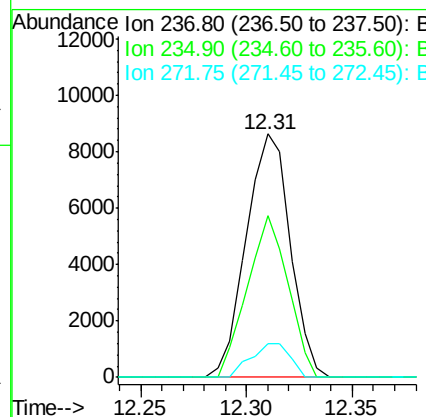
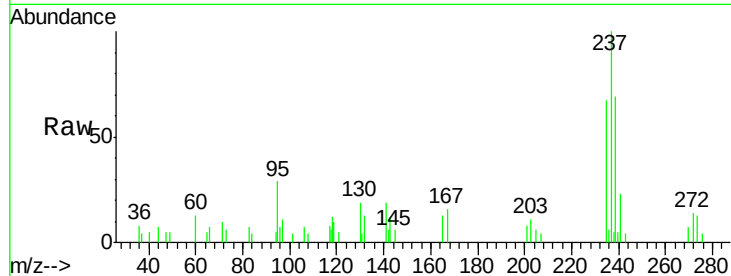
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	237	Resp:	12487
Ion Ratio	Lower	Upper	
237	100		
235	66.6	40.4	80.4
272	13.6	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 112.611 ng

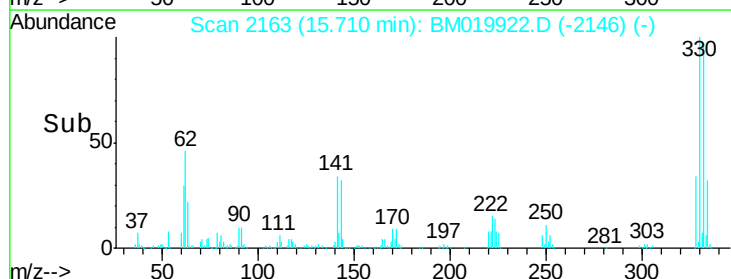
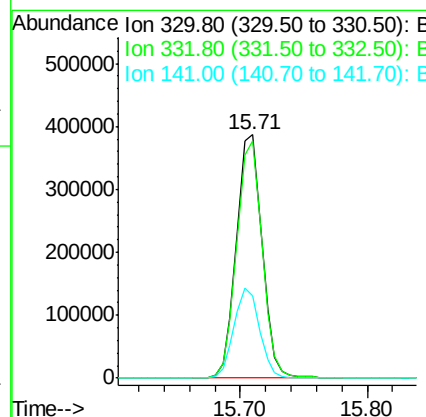
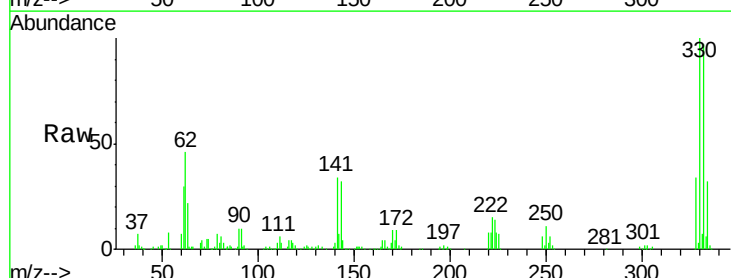
RT: 15.71 min Scan# 2163

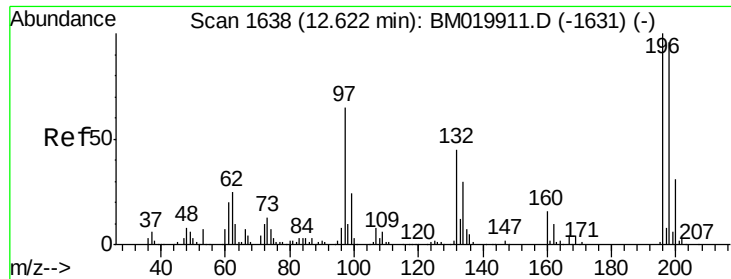
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	330	Resp:	542341
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.2
141	36.9	29.0	43.4





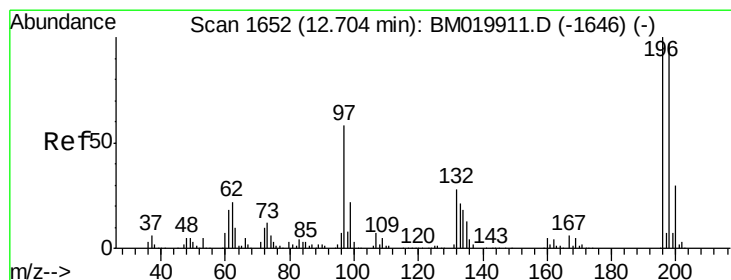
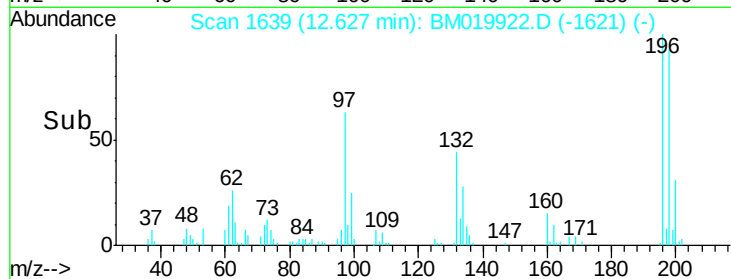
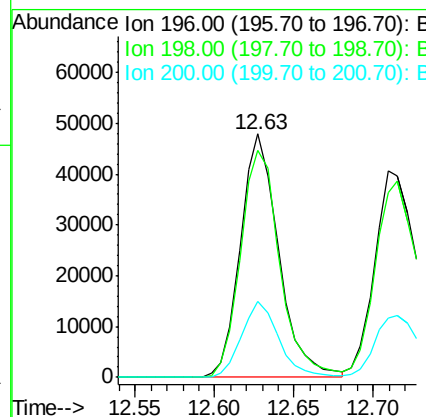
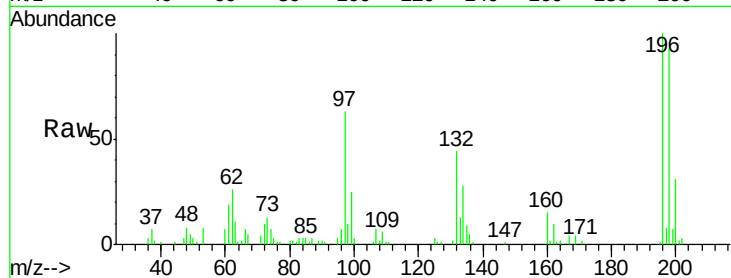
#43
 2,4,6-Trichlorophenol
 Concen: 12.853 ng
 RT: 12.63 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80427		
198	93.3	76.8	115.2	
200	31.2	24.6	37.0	

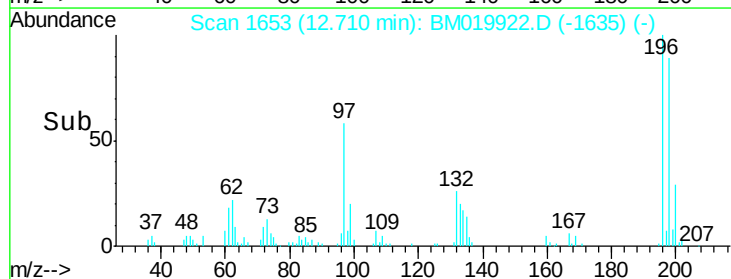
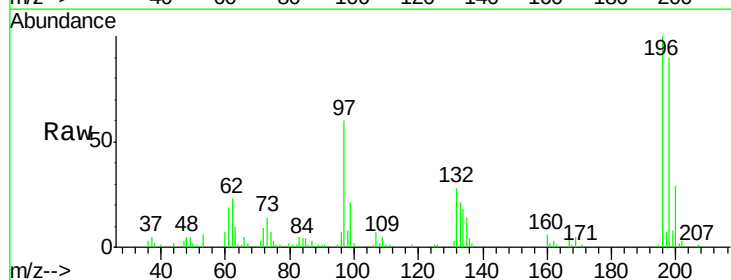
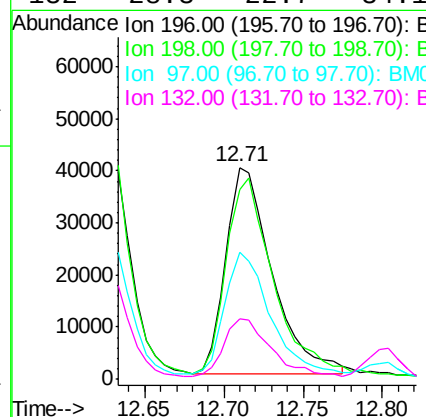
Manual Integrations
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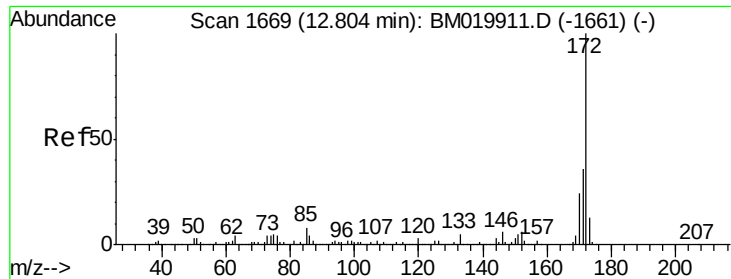
Sohil
 4/16/2019 5:25:51 PM



#44
 2,4,5-Trichlorophenol
 Concen: 12.385 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80657		
198	89.7	77.8	116.8	
97	60.0	46.2	69.2	
132	28.3	22.7	34.1	





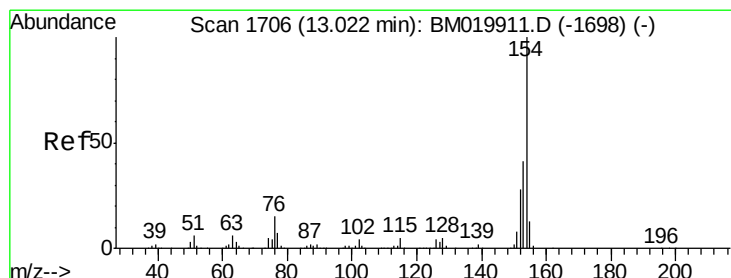
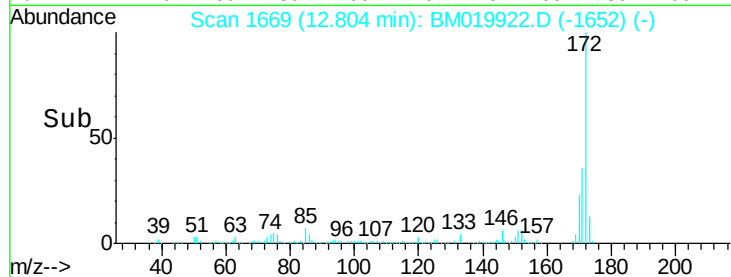
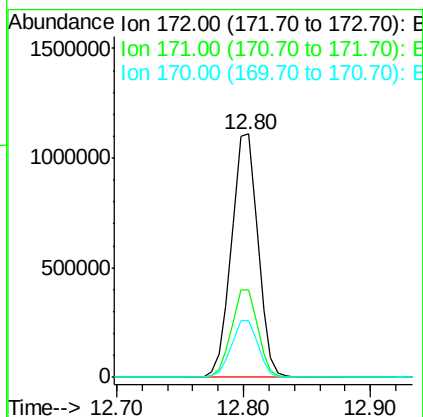
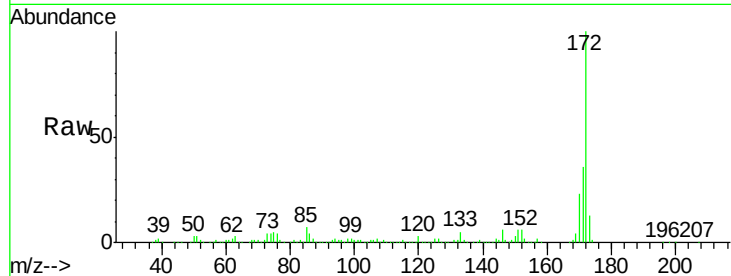
#45
2-Fluorobiphenyl
Concen: 66.524 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.2	19.0	28.4

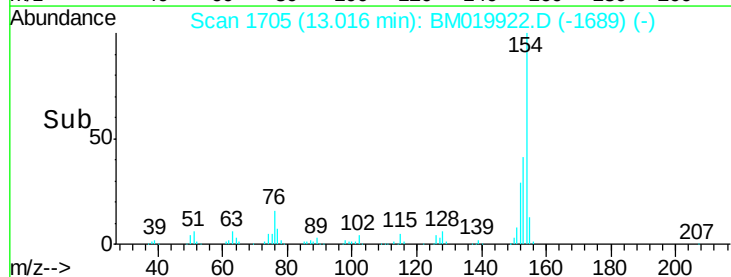
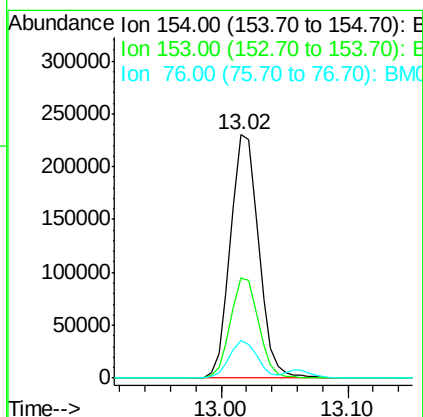
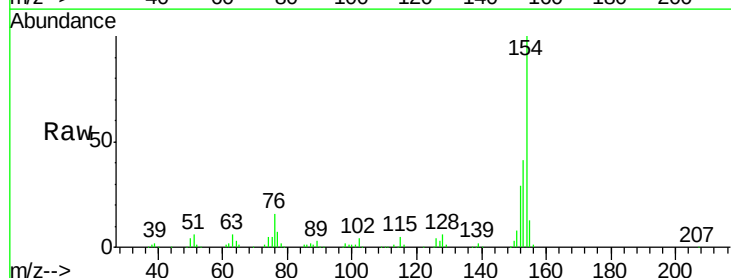
Manual Integrations
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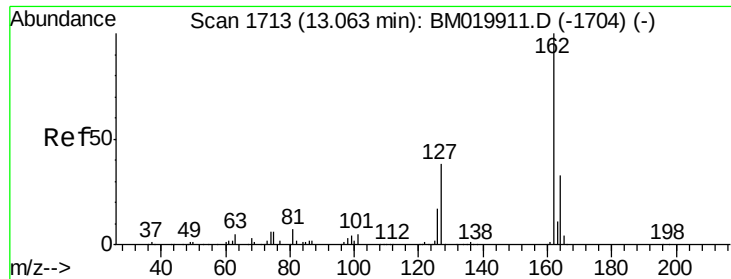
Sohil
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#46
1,1'-Biphenyl
Concen: 13.751 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	15.6	0.0	34.8





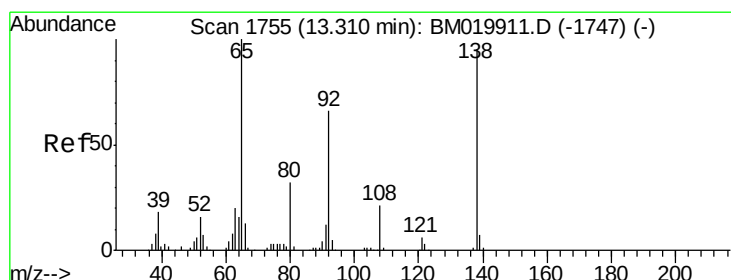
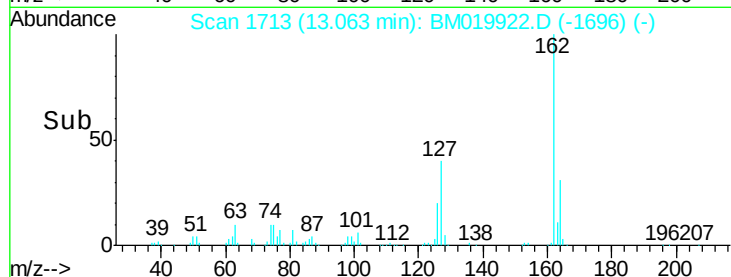
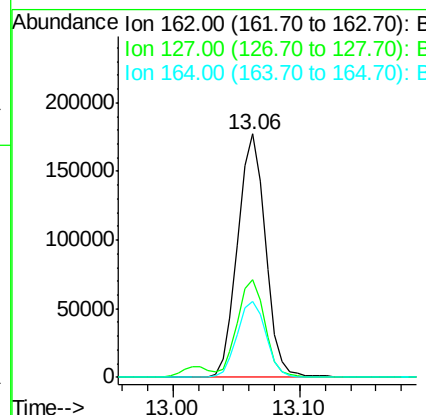
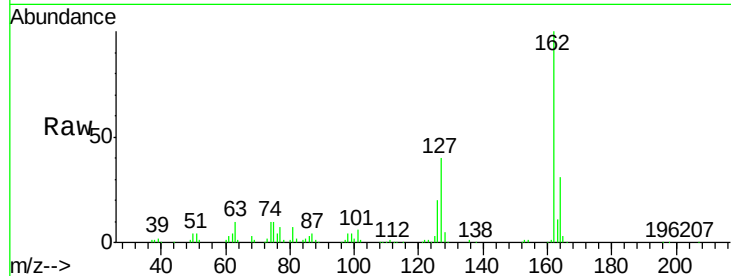
#47
 2-Chloronaphthalene
 Concen: 13.634 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	269487		
127	40.4	32.3	48.5	
164	31.3	26.3	39.5	

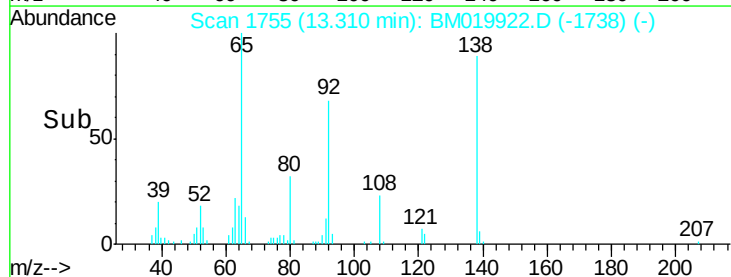
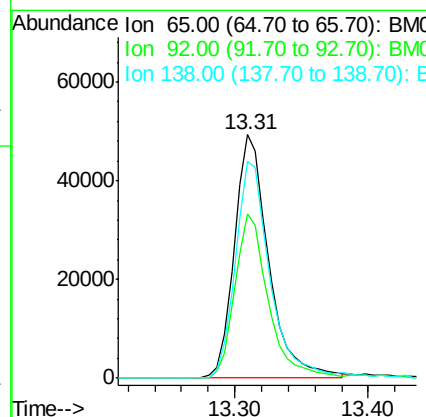
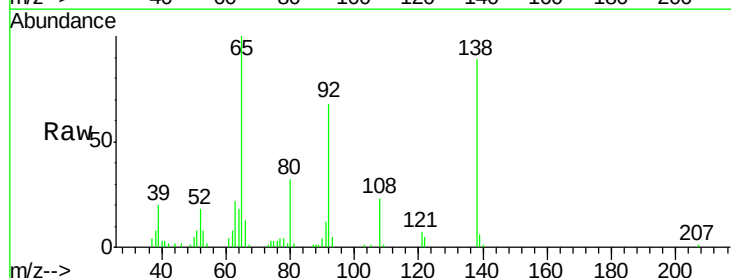
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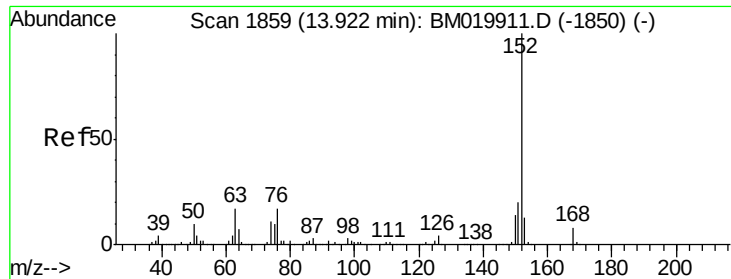
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#48
 2-Nitroaniline
 Concen: 12.427 ng
 RT: 13.31 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	88541		
92	67.6	52.9	79.3	
138	89.0	75.8	113.6	





#49

Acenaphthylene

Concen: 13.315 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

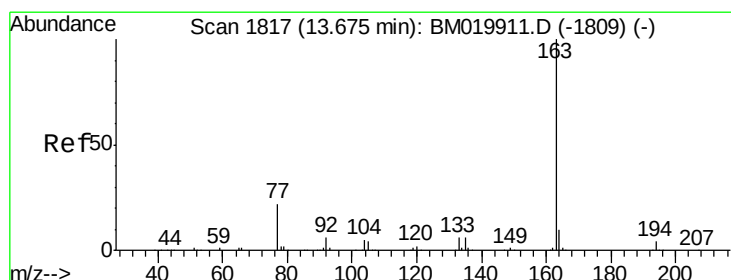
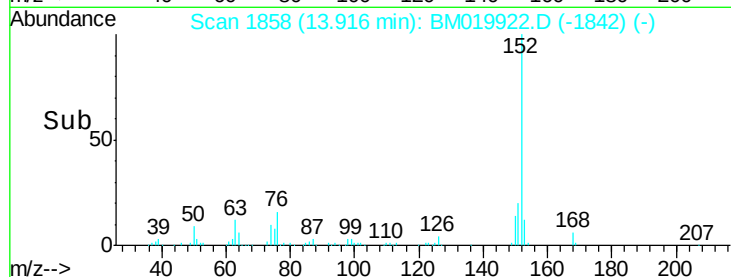
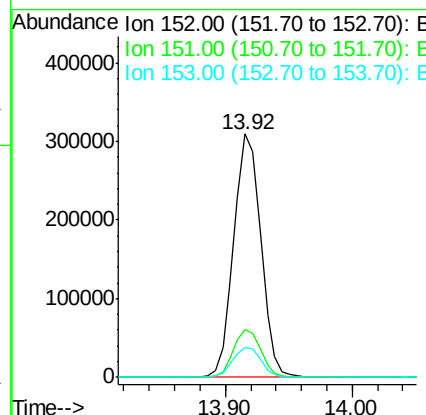
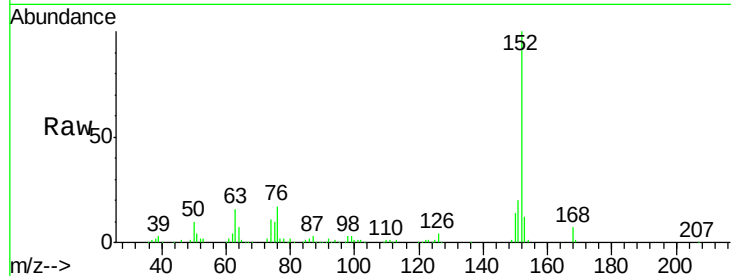
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	152	Resp:	457936
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	12.4	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 13.606 ng

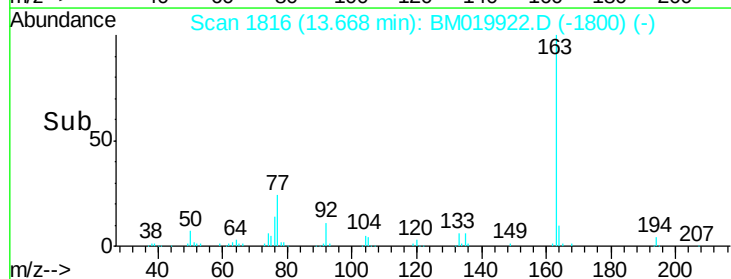
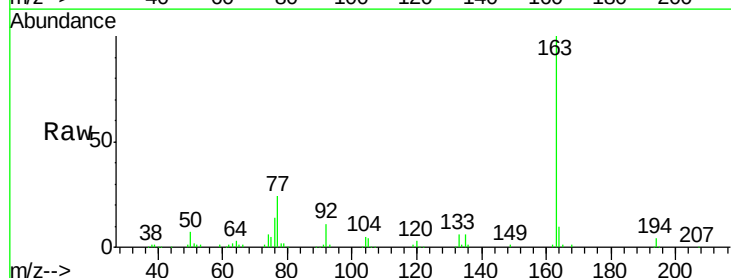
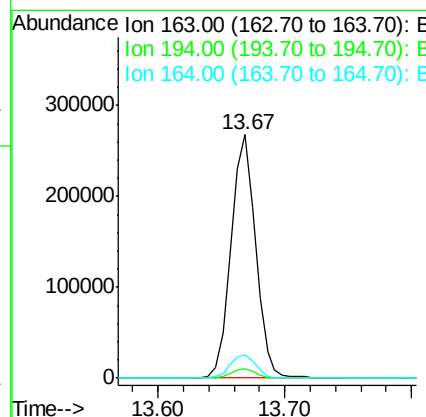
RT: 13.67 min Scan# 1816

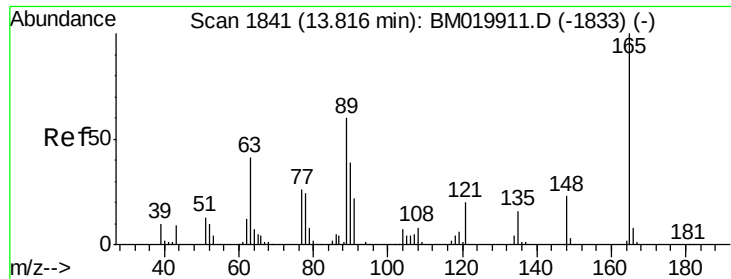
Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	163	Resp:	359070
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	9.8	7.9	11.9





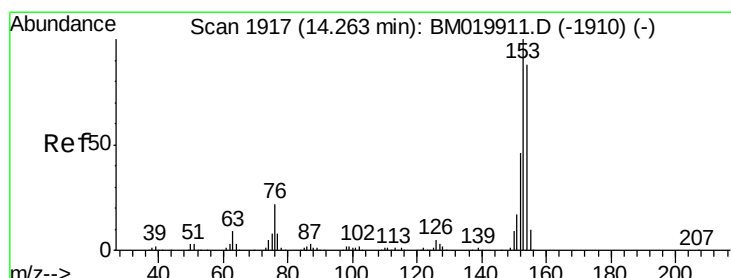
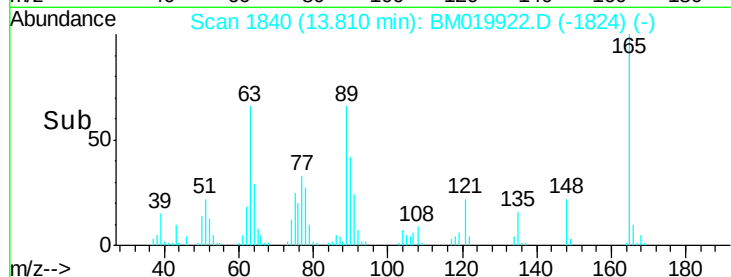
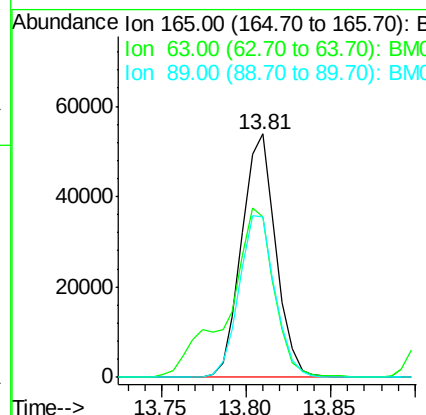
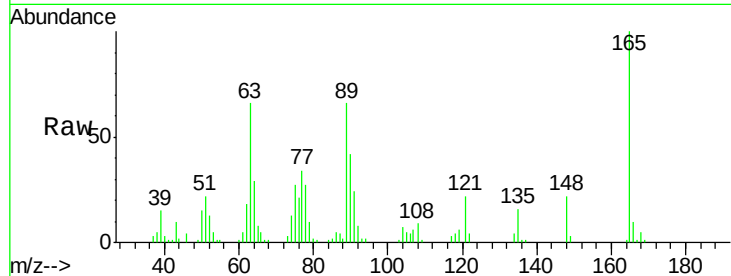
#51
 2,6-Dinitrotoluene
 Concen: 12.984 ng
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	75769		
63	66.1	48.5	72.7	
89	65.8	48.2	72.4	

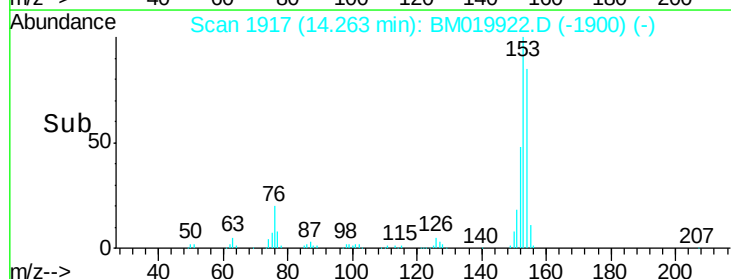
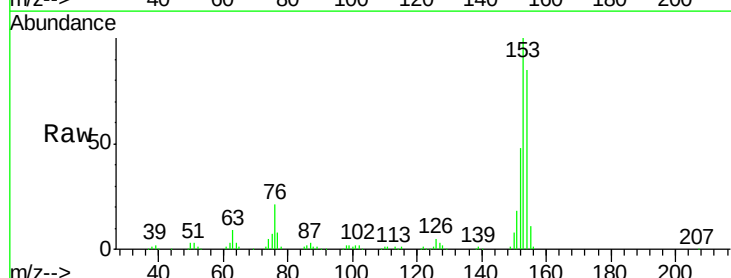
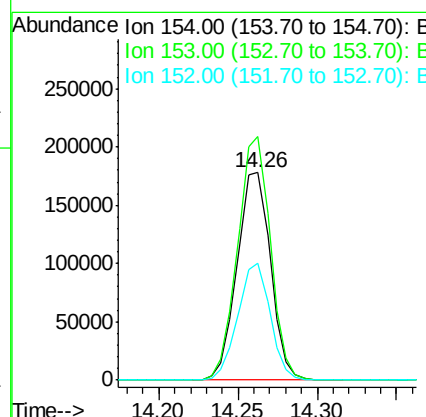
Manual Integrations
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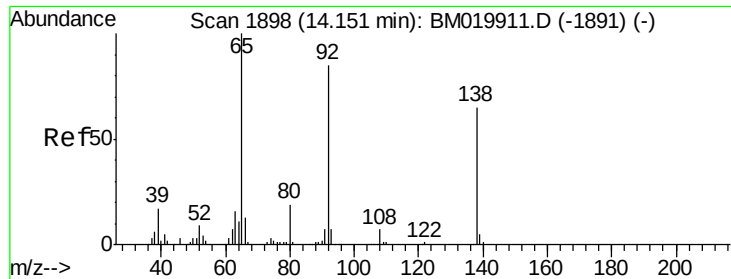
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#52
 Acenaphthene
 Concen: 13.704 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	261326		
153	117.2	91.0	136.4	
152	56.0	42.2	63.2	





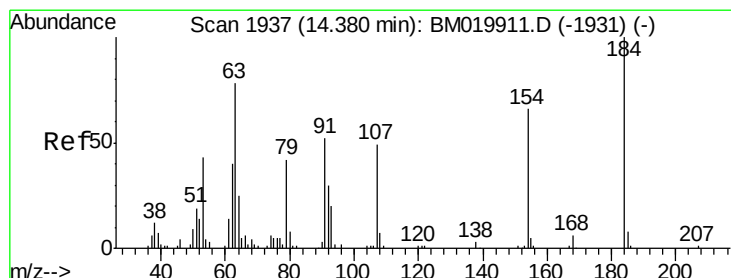
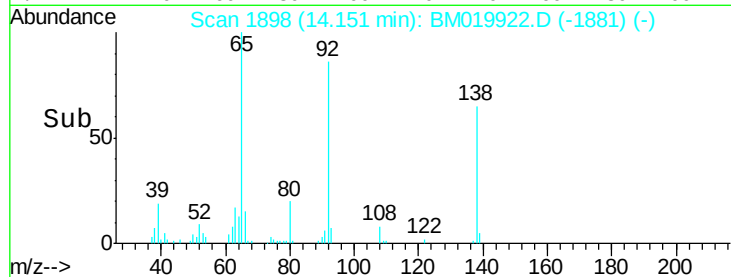
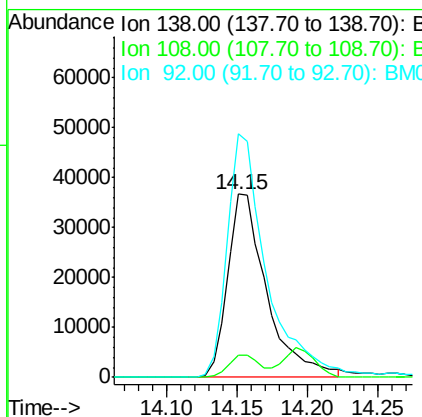
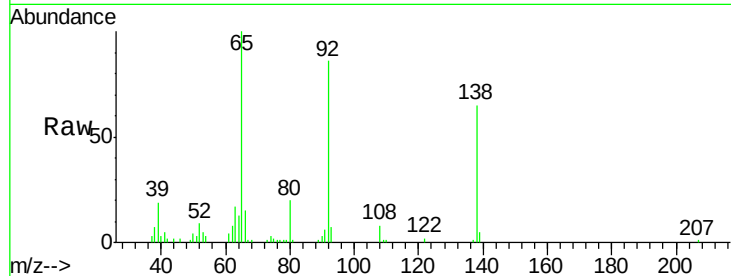
#53
3-Nitroaniline
Concen: 12.255 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion:138 Resp: 71410
Ion Ratio Lower Upper
138 100
108 11.9 8.9 13.3
92 132.9 103.8 155.8

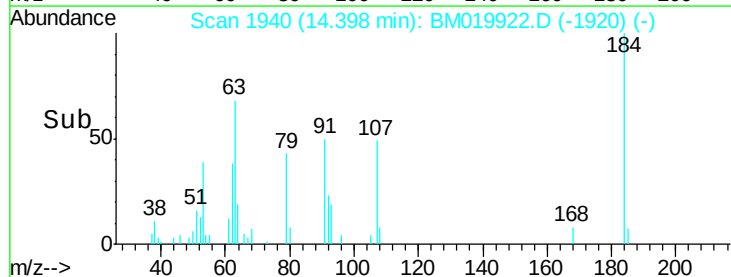
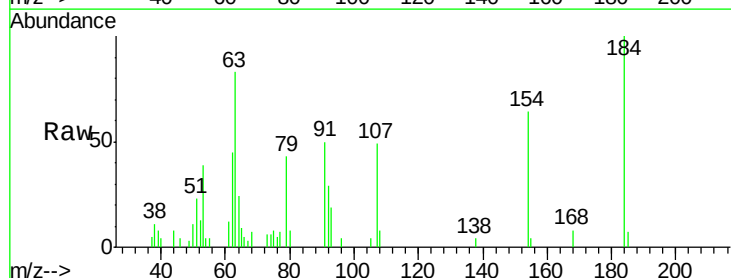
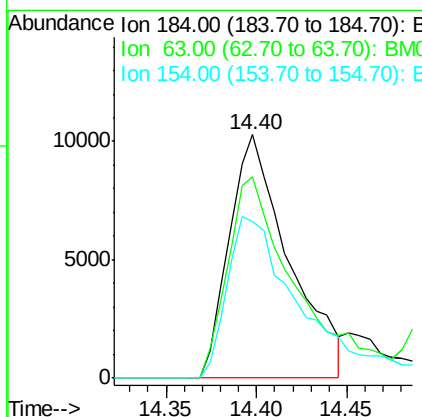
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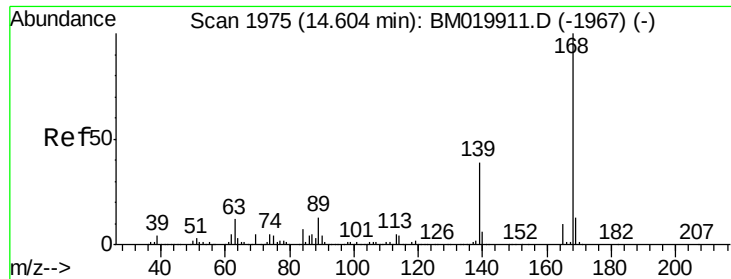
Sohil
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#54
2,4-Dinitrophenol
Concen: 13.603 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.02 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion:184 Resp: 23544
Ion Ratio Lower Upper
184 100
63 82.7 62.3 93.5
154 64.1 53.0 79.6





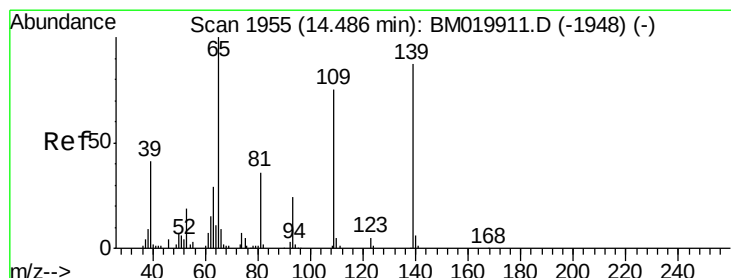
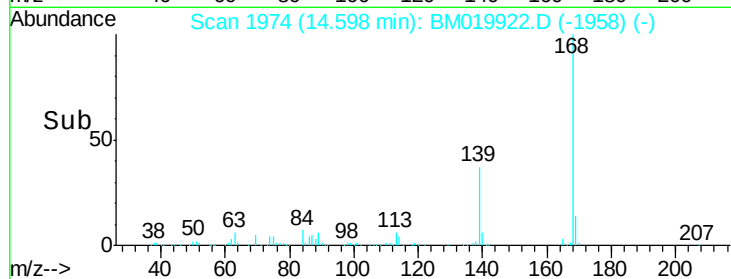
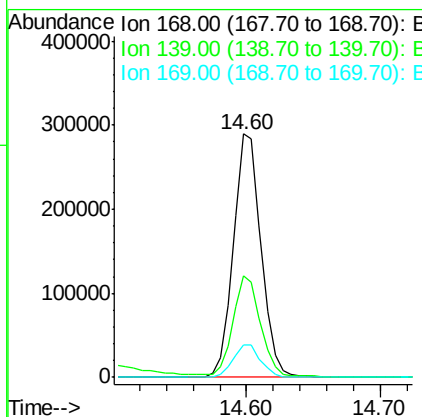
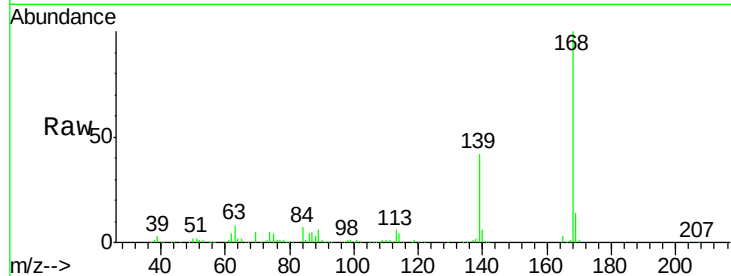
#55
Dibenzenofuran
Concen: 13.406 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	418018		
139	41.7	31.5	47.3	
169	13.6	10.6	16.0	

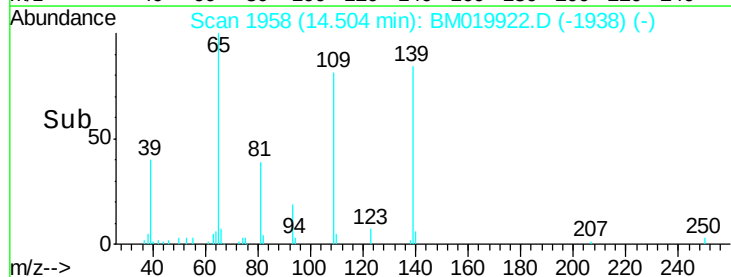
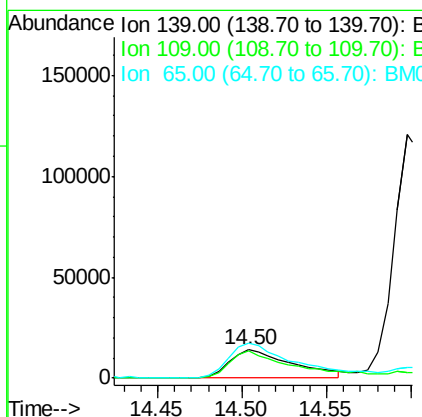
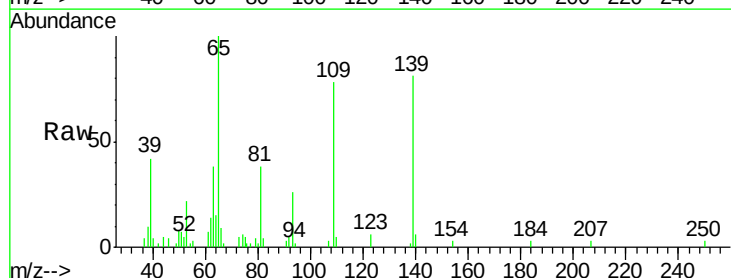
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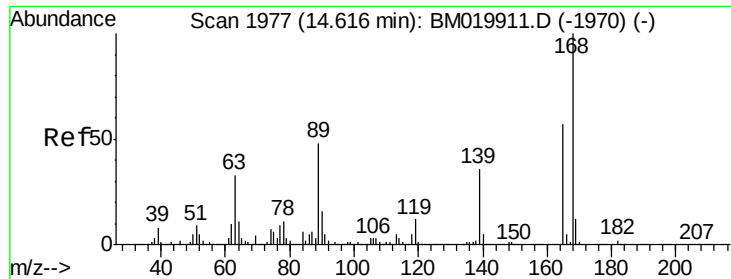
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#56
4-Nitrophenol
Concen: 13.139 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.02 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	36117		
109	95.8	65.3	105.3	
65	122.9	94.9	134.9	





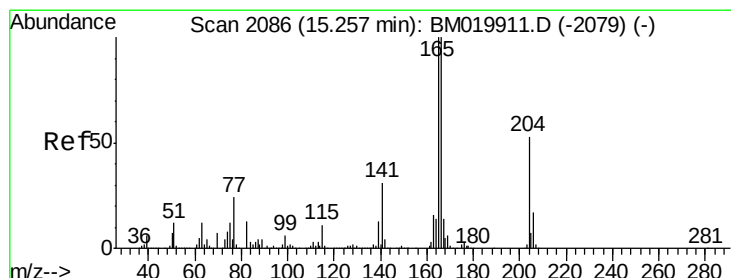
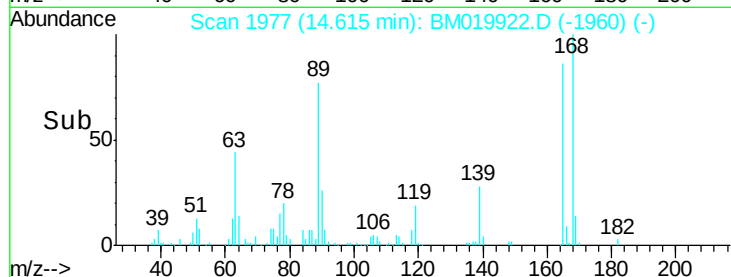
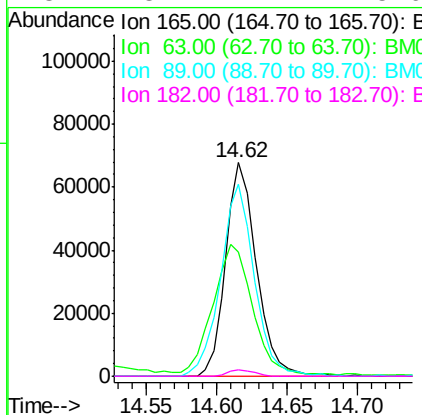
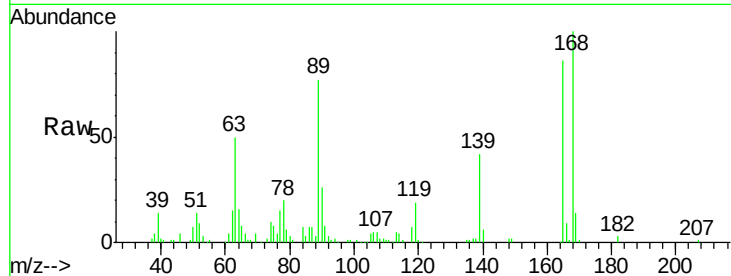
#57
 2,4-Dinitrotoluene
 Concen: 12.336 ng
 RT: 14.62 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	103475		
63	58.3	46.0	69.0	
89	89.7	67.5	101.3	
182	3.1	2.4	3.6	

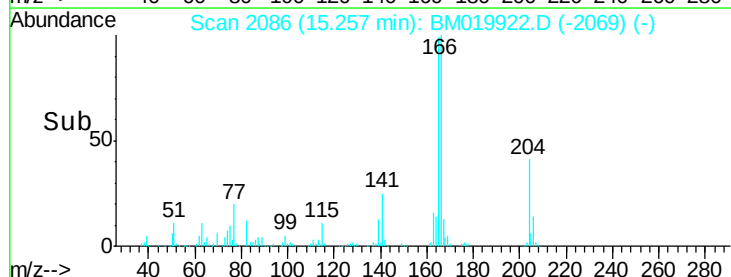
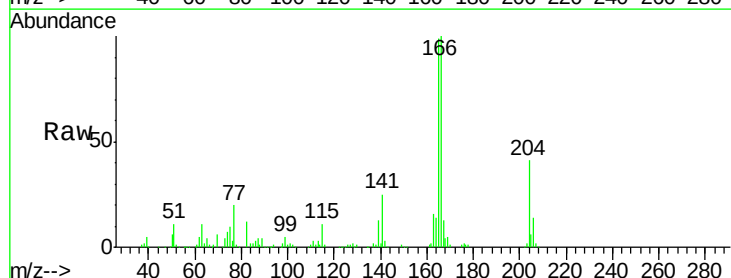
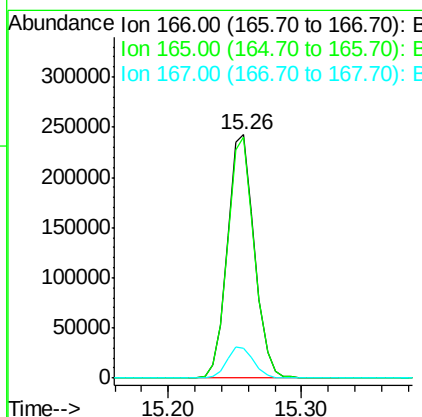
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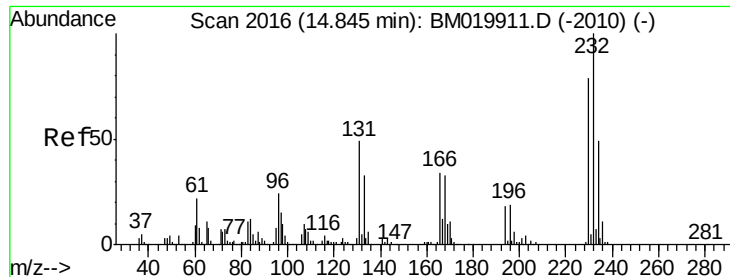
Sohil
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#58
 Fluorene
 Concen: 12.992 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	343288		
165	99.1	80.1	120.1	
167	12.5	11.0	16.4	





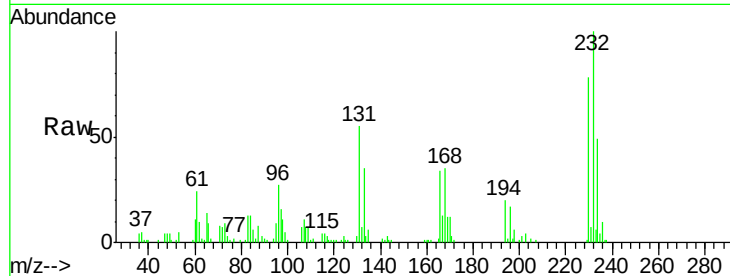
#59
2,3,4,6-Tetrachlorophenol
Concen: 12.912 ng
RT: 14.84 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

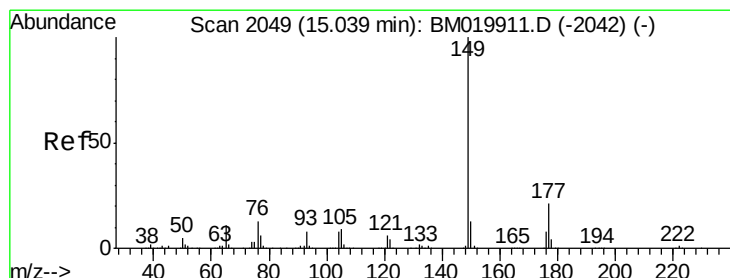
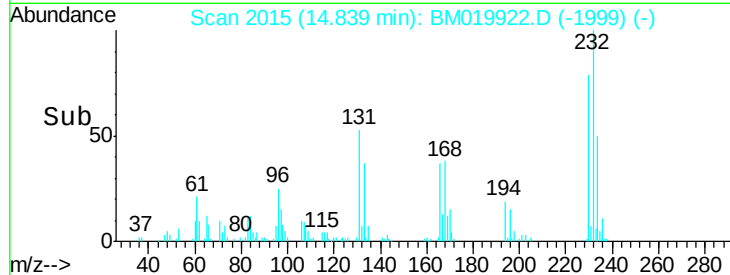
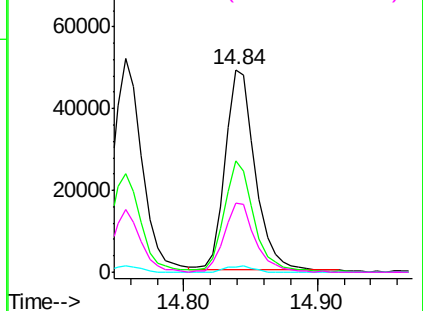
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	76732		
131	55.9	42.1	63.1	
130	2.8	2.2	3.4	
166	36.3	28.1	42.1	

Manual Integrations
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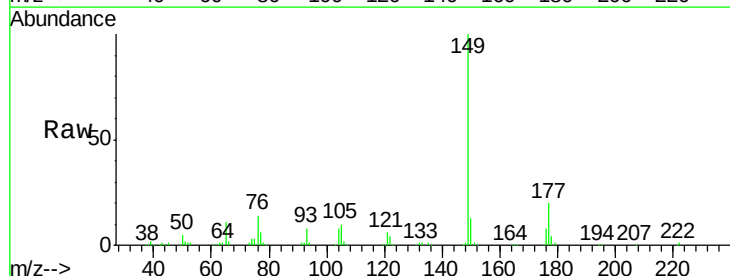


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

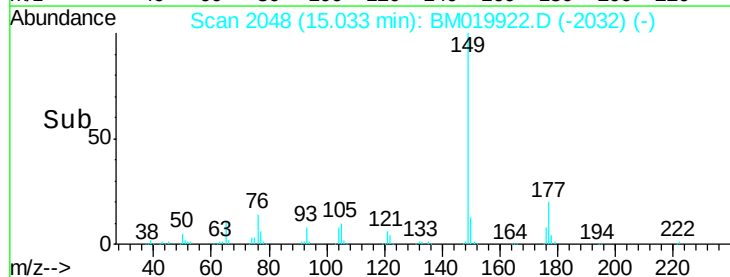
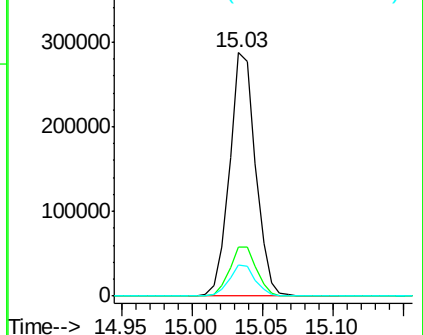


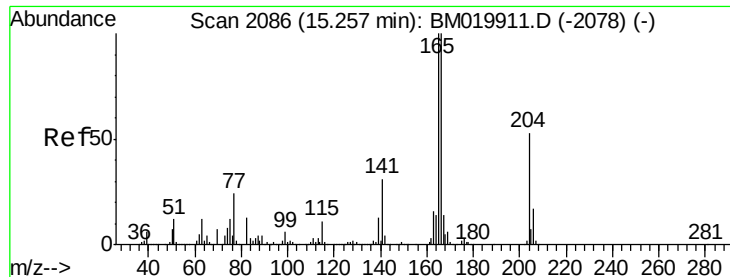
#60
Diethylphthalate
Concen: 13.440 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	368886		
177	19.9	16.6	25.0	
150	12.8	10.0	15.0	



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





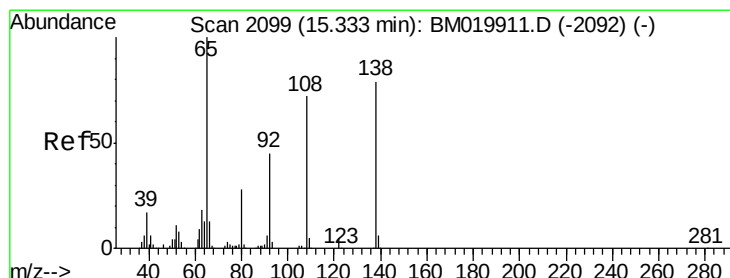
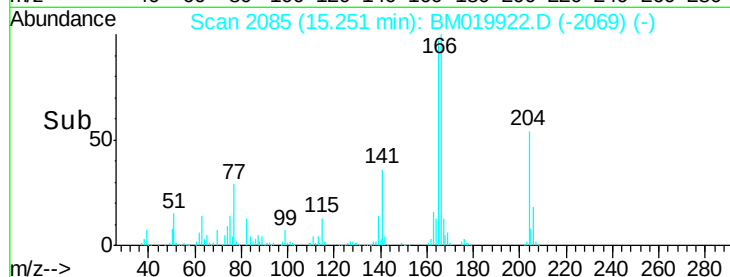
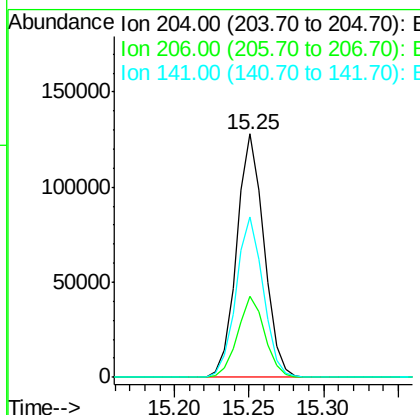
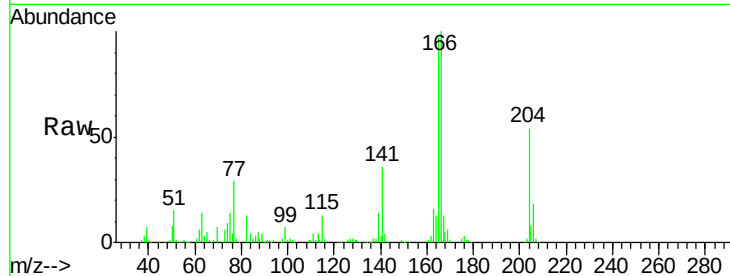
#61
 4-Chlorophenyl-phenylether
 Concen: 12.845 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	163405		
206	33.1	25.8	38.8	
141	66.0	47.0	70.4	

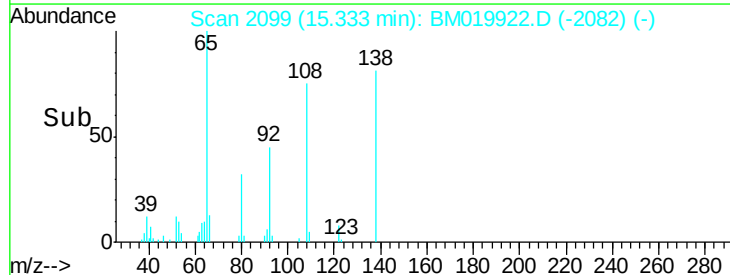
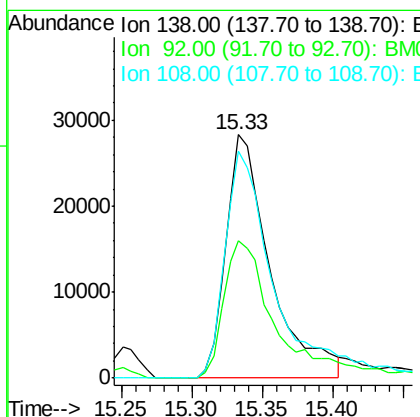
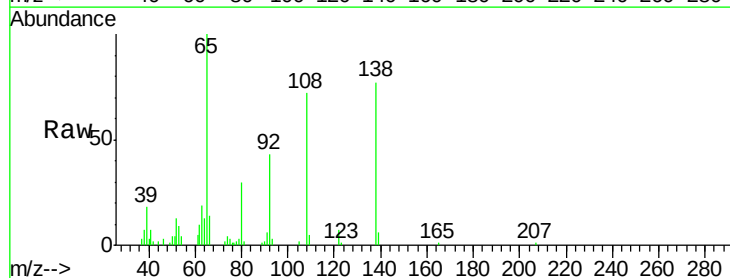
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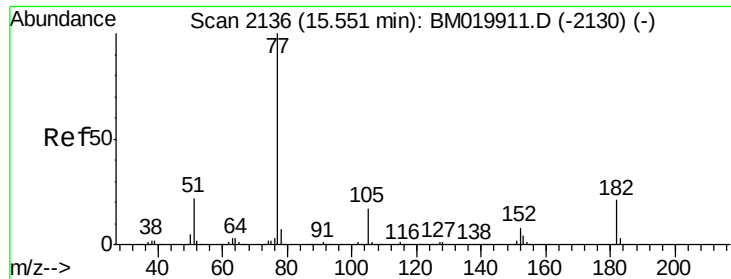
Sohil
 4/16/2019 5:25:51 PM



#62
 4-Nitroaniline
 Concen: 10.821 ng
 RT: 15.33 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	62126		
92	56.4	36.8	76.8	
108	93.3	71.5	111.5	





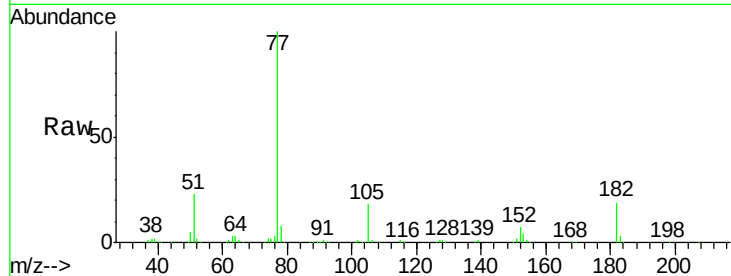
#63
Azobenzene
Concen: 13.440 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	394257		
182	19.2	1.0	41.0	
105	17.5	0.0	37.1	
51	23.4	2.1	42.1	

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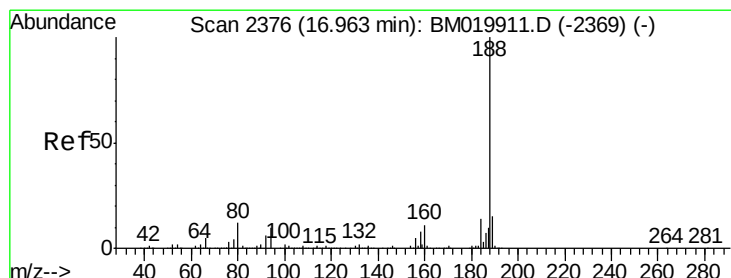
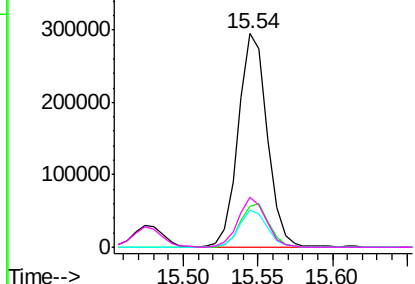
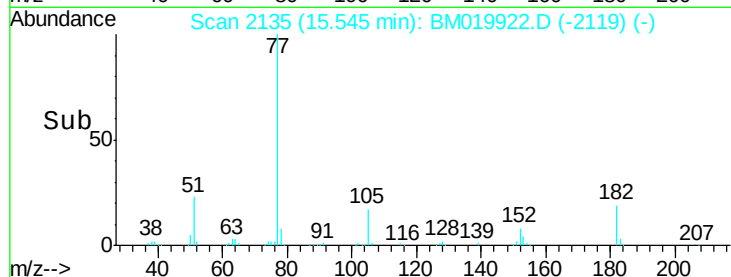


Abundance Ion 77.00 (76.70 to 77.70): BM019922.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM019922.D (-2119) (-)

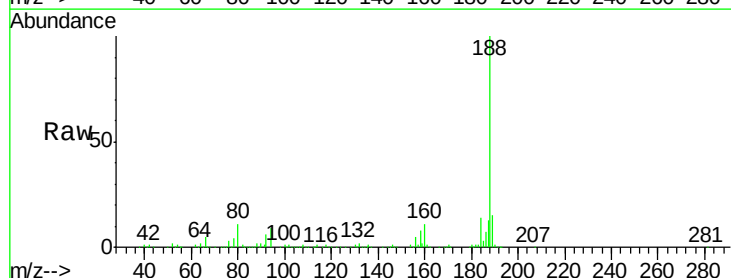
Ion 105.00 (104.70 to 105.70): BM019922.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM019922.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

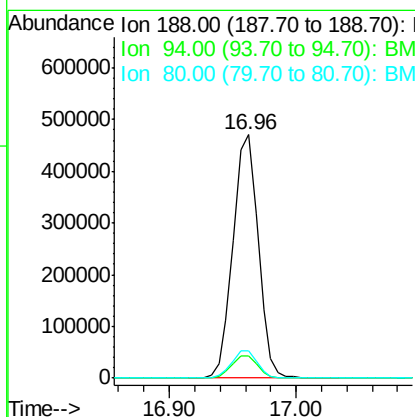
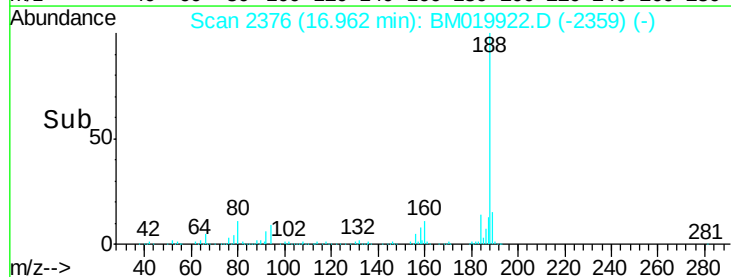
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	648348		
94	9.3	7.6	11.4	
80	11.1	9.4	14.0	

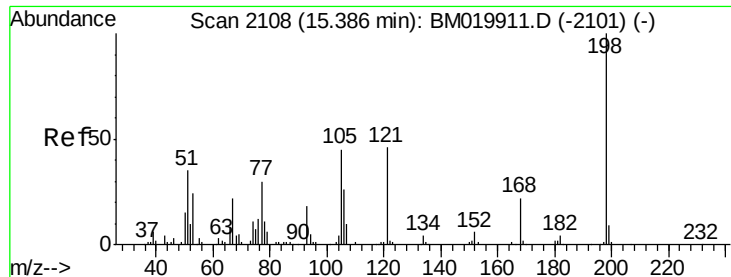


Abundance Ion 188.00 (187.70 to 188.70): BM019922.D (-2359) (-)

Ion 94.00 (93.70 to 94.70): BM019922.D (-2359) (-)

Ion 80.00 (79.70 to 80.70): BM019922.D (-2359) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 10.705 ng

RT: 15.39 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

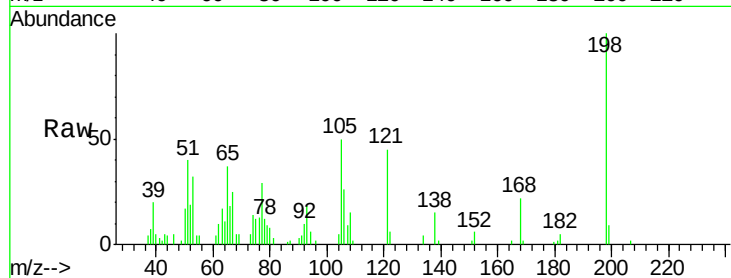
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	198	Resp:	44285
Ion Ratio	Lower	Upper	
198	100		
51	39.8	17.9	57.9
105	49.8	26.1	66.1

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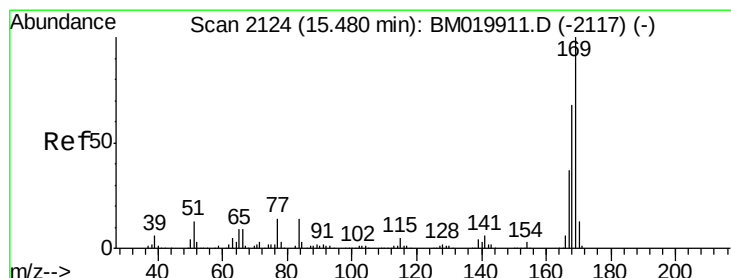
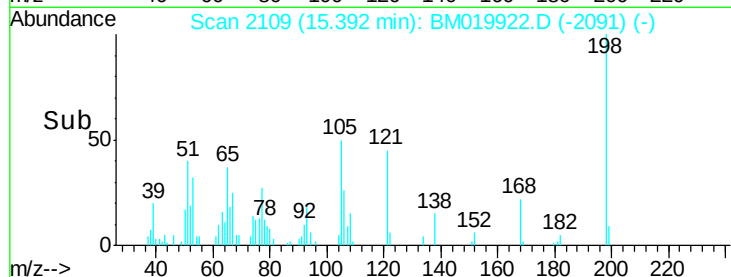
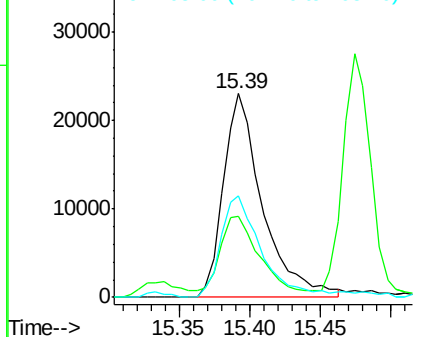
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 13.513 ng

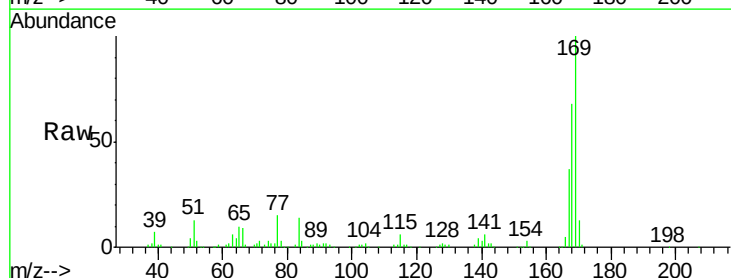
RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

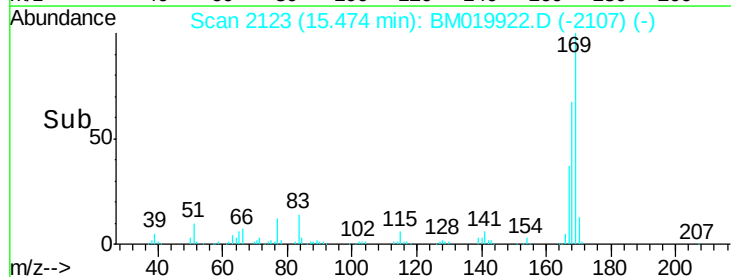
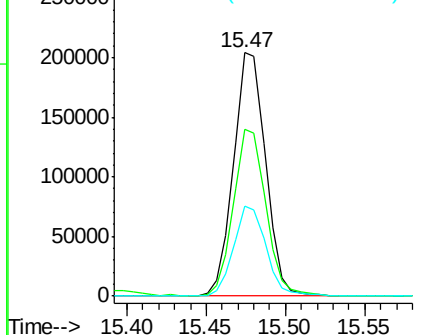
Tgt Ion:	169	Resp:	286420
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.7	82.1
167	36.7	29.4	44.0

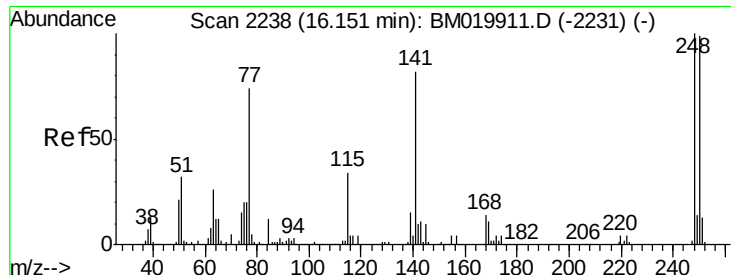


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





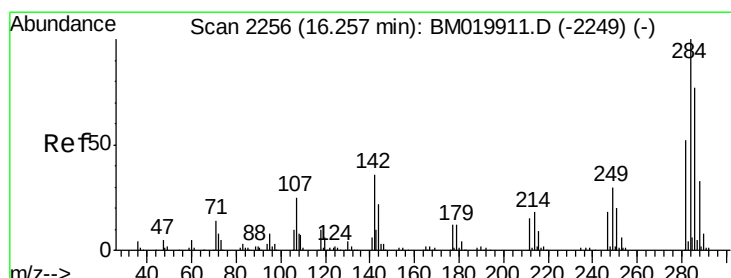
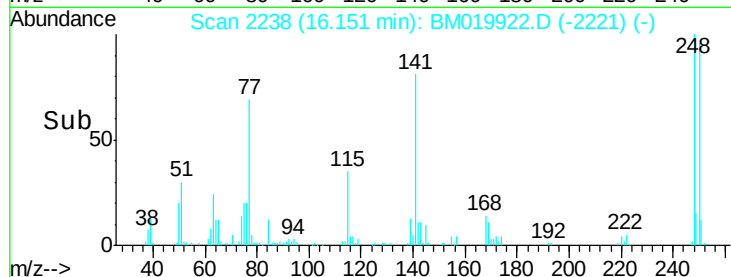
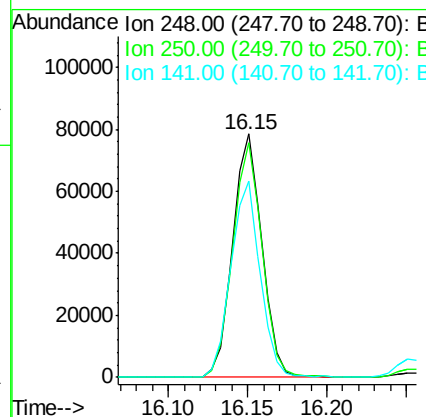
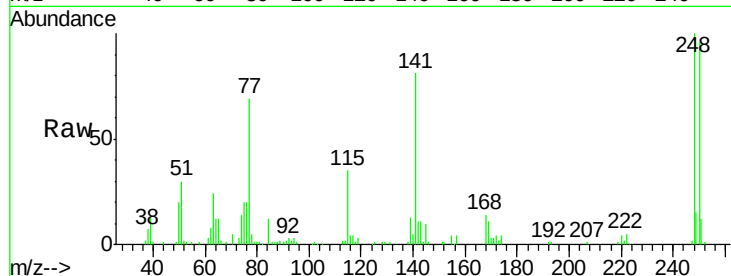
#67
 4-Bromophenyl-phenylether
 Concen: 13.453 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	100283		
250	96.3	78.9	118.3	
141	80.6	65.6	98.4	

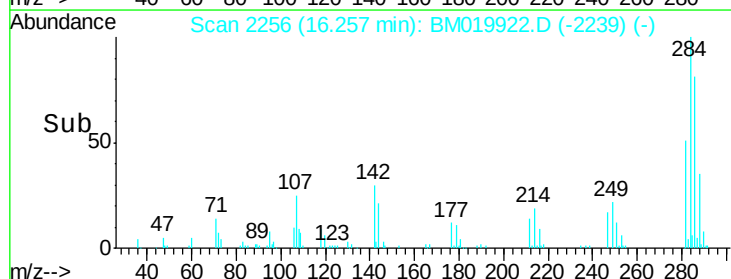
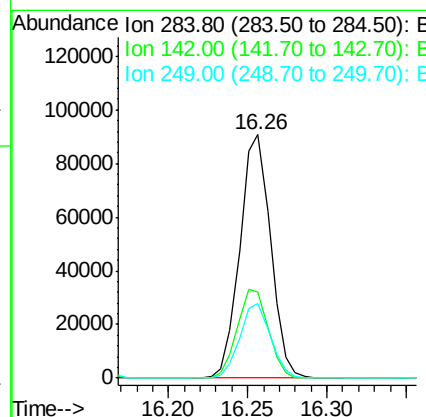
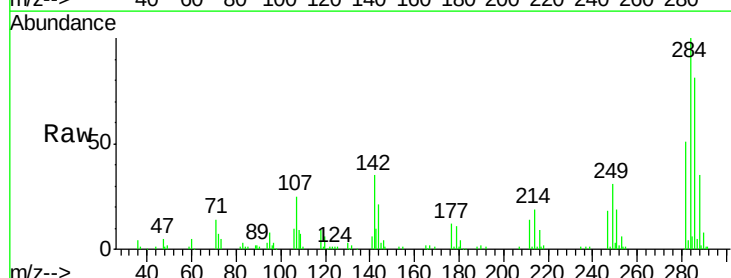
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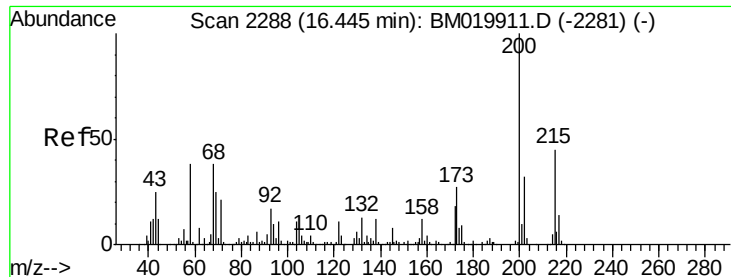
Sohil
 4/16/2019 5:25:51 PM



#68
 Hexachlorobenzene
 Concen: 13.628 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.00 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	121888		
142	35.4	28.9	43.3	
249	30.6	23.8	35.6	





#69

Atrazine

Concen: 13.295 ng

RT: 16.44 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

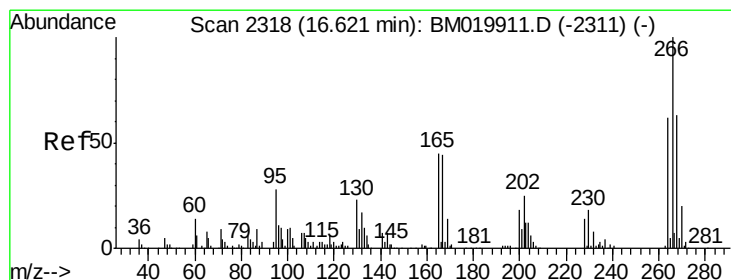
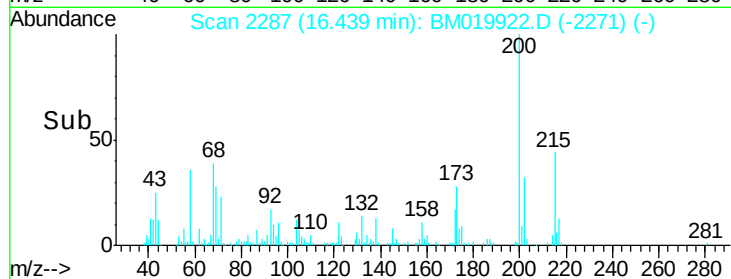
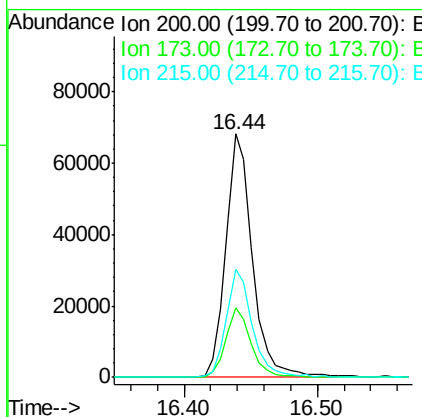
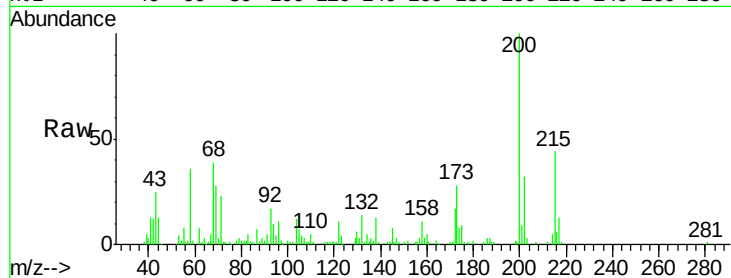
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	200	Resp:	95665
Ion Ratio	Lower	Upper	
200	100		
173	28.4	7.2	47.2
215	44.2	25.4	65.4

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#70

Pentachlorophenol

Concen: 11.316 ng

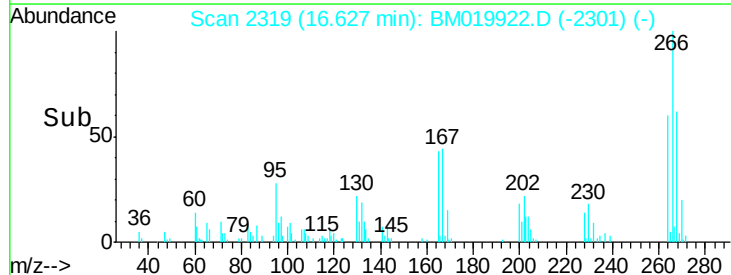
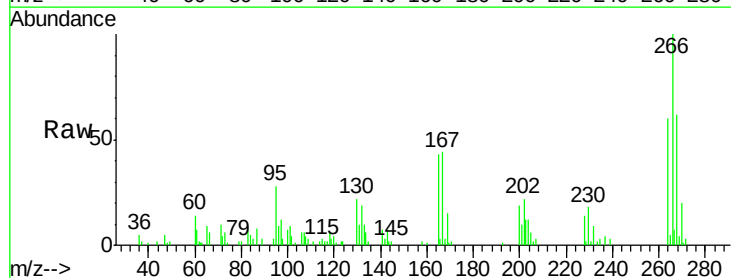
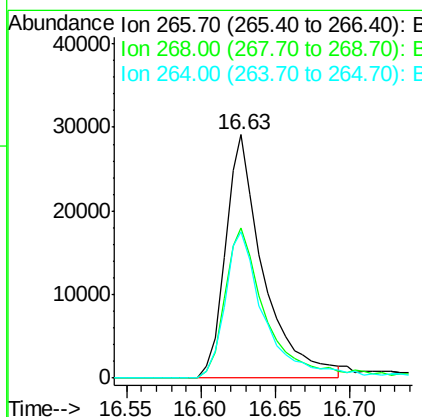
RT: 16.63 min Scan# 2319

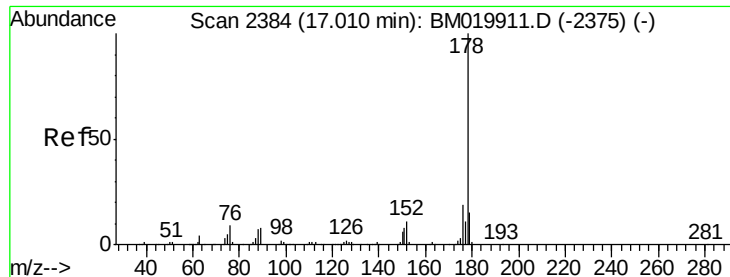
Delta R.T. 0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	266	Resp:	51715
Ion Ratio	Lower	Upper	
266	100		
268	61.8	50.3	75.5
264	60.1	49.8	74.8





#71

Phenanthrene

Concen: 13.531 ng

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

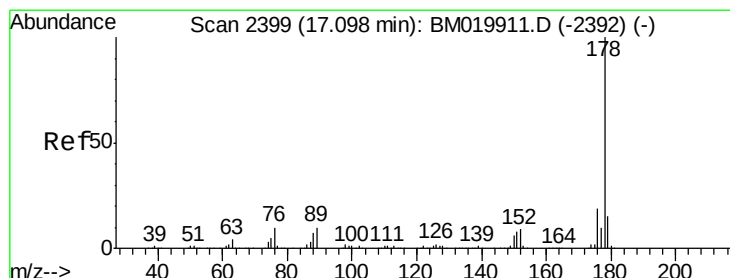
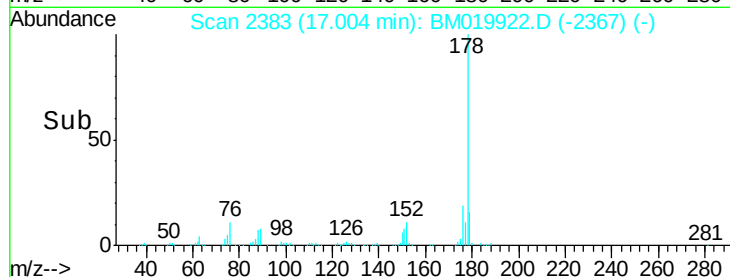
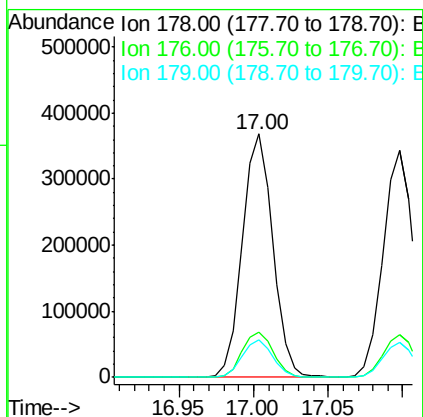
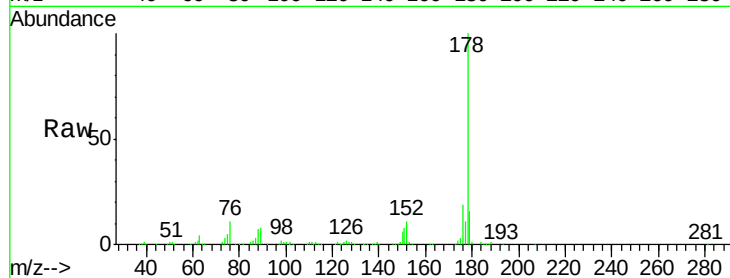
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	178	Resp:	520608
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.2	22.8
179	15.7	12.2	18.4

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#72

Anthracene

Concen: 13.124 ng

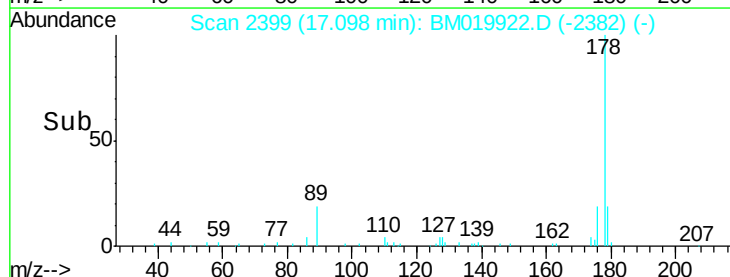
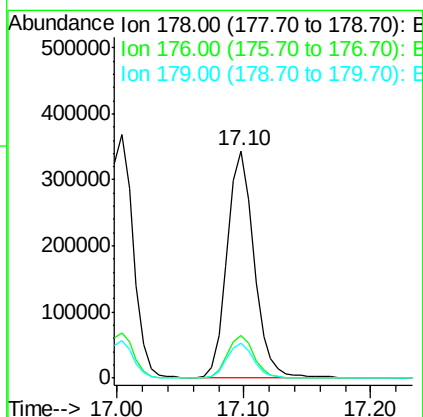
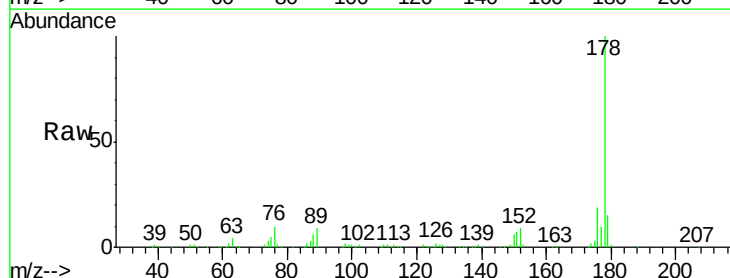
RT: 17.10 min Scan# 2399

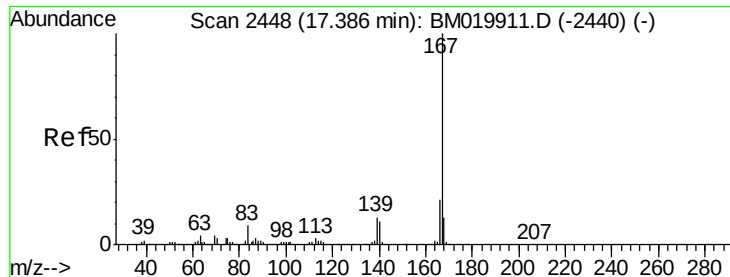
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	178	Resp:	502652
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.4
179	15.4	12.2	18.4





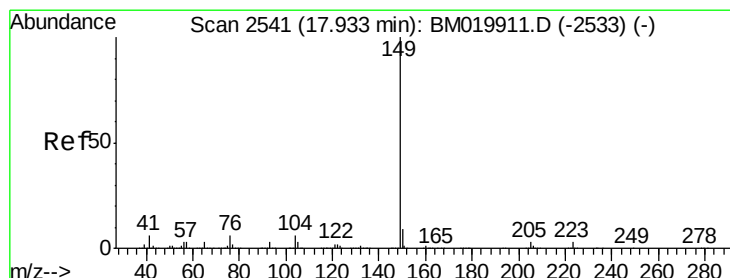
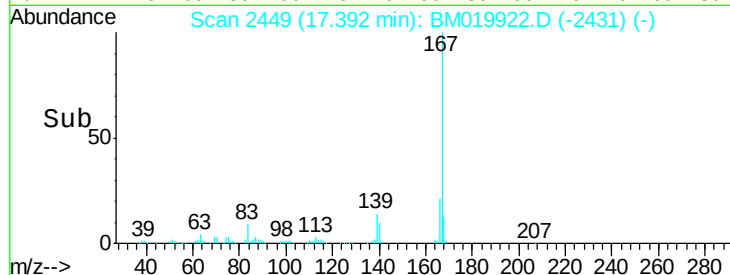
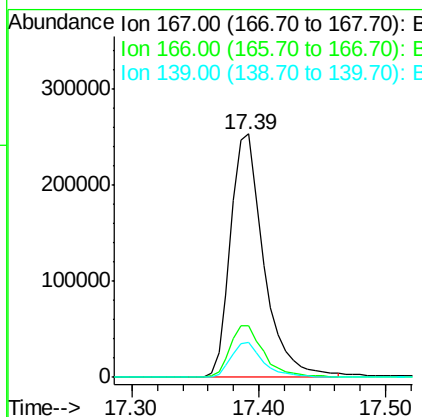
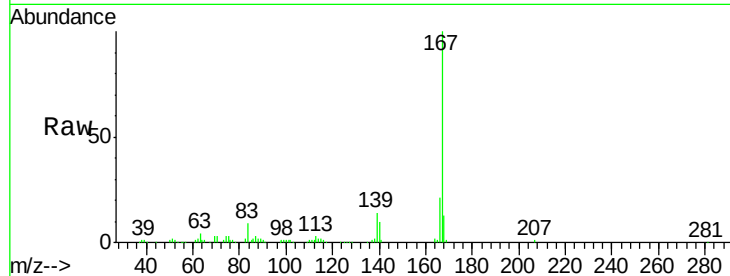
#73
 Carbazole
 Concen: 12.837 ng
 RT: 17.39 min Scan# 2449
 Delta R.T. 0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	459040		
166	21.0	17.2	25.8	
139	14.2	10.7	16.1	

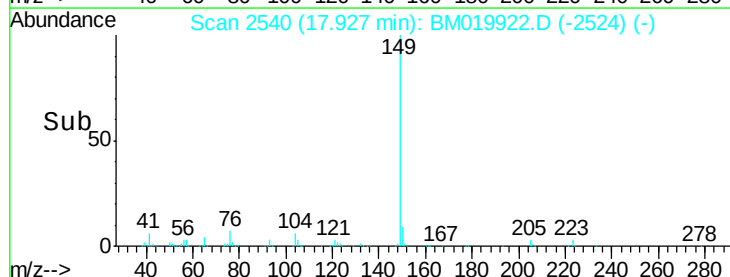
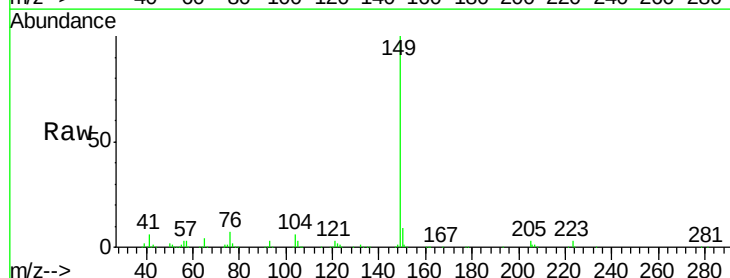
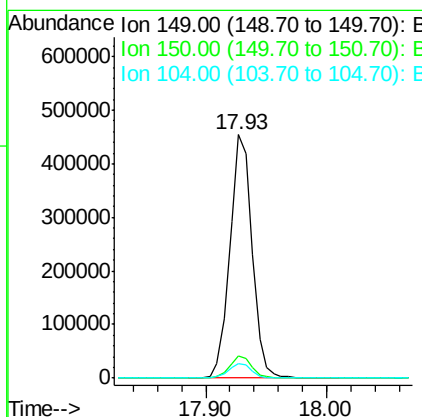
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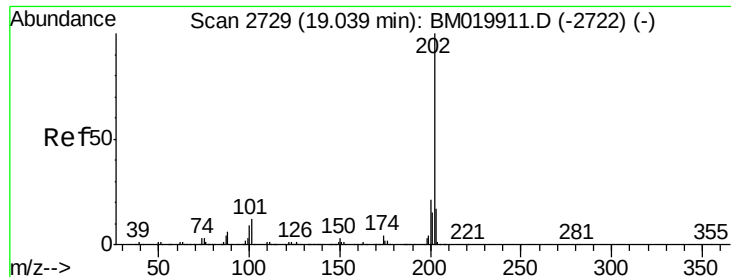
Sohil
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#74
 Di-n-butylphthalate
 Concen: 12.393 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM019922.D
 Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	581969		
150	8.9	7.2	10.8	
104	5.9	4.6	7.0	





#75

Fluoranthene

Concen: 12.749 ng

RT: 19.03 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

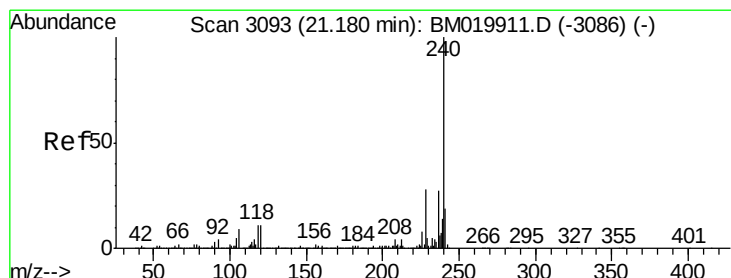
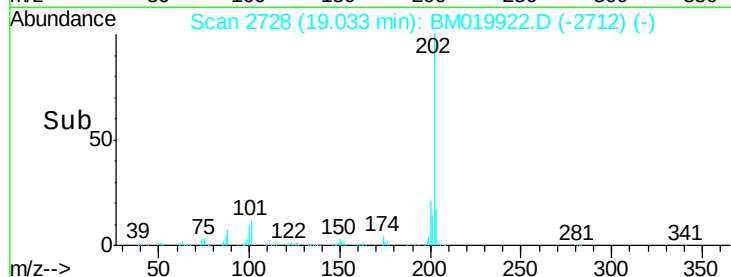
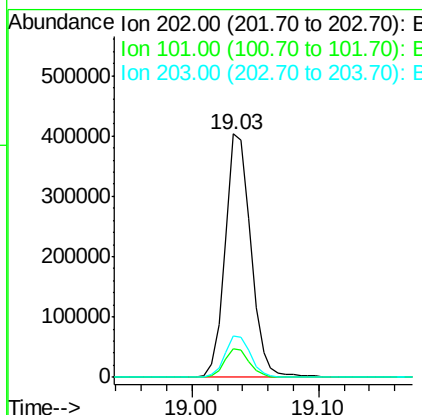
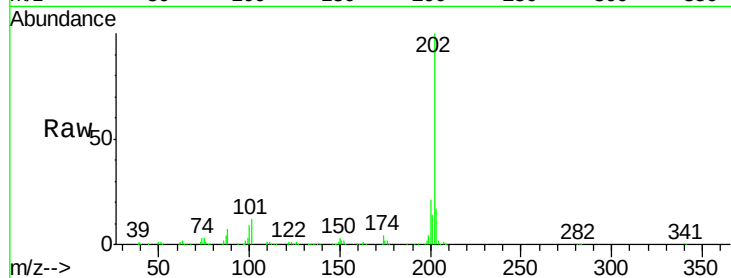
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt	Ion	202	Resp:	564495
Ion	Ratio	100	Lower	Upper
202	100			
101	11.8	0.0	31.7	
203	16.9	0.0	37.4	

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#76

Chrysene-d12

Concen: 20.000 ng

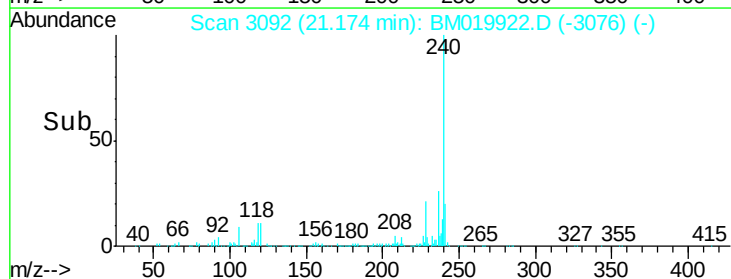
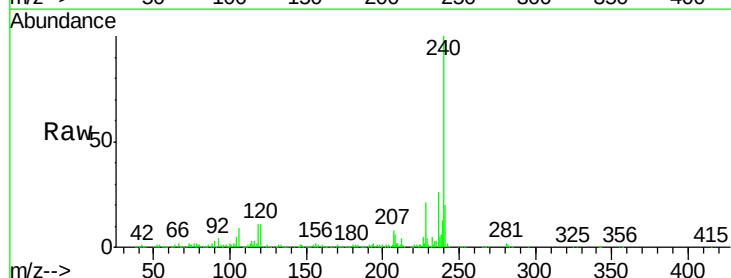
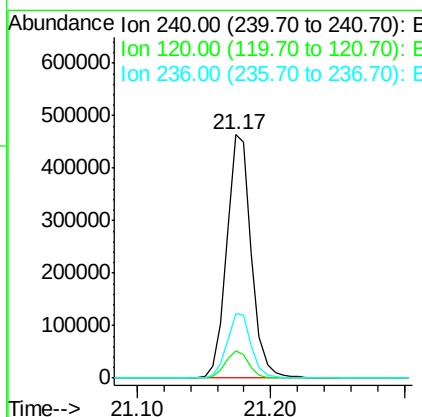
RT: 21.17 min Scan# 3092

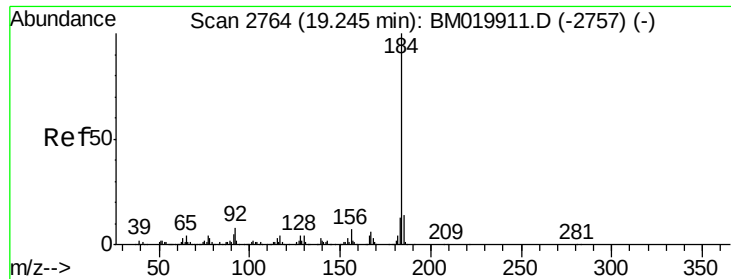
Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt	Ion	240	Resp:	599640
Ion	Ratio	100	Lower	Upper
240	100			
120	11.0	8.6	13.0	
236	26.3	21.4	32.2	





#77

Benzidine

Concen: 10.143 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

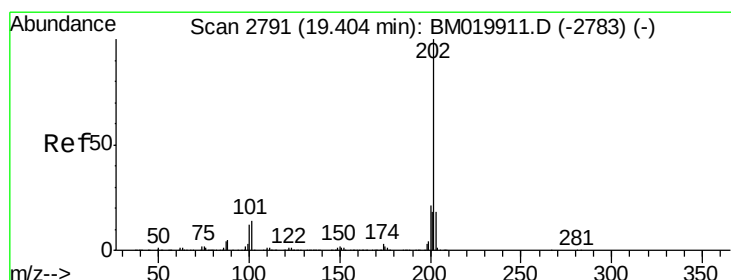
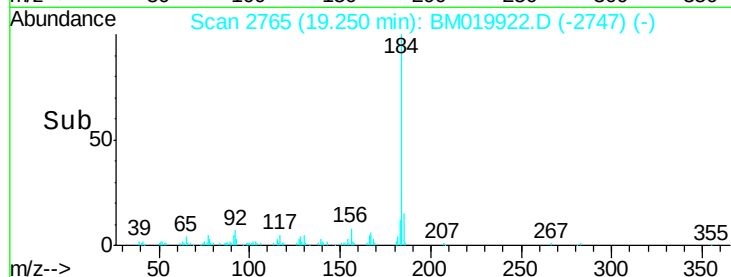
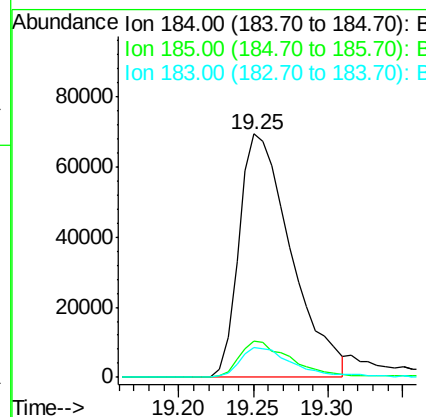
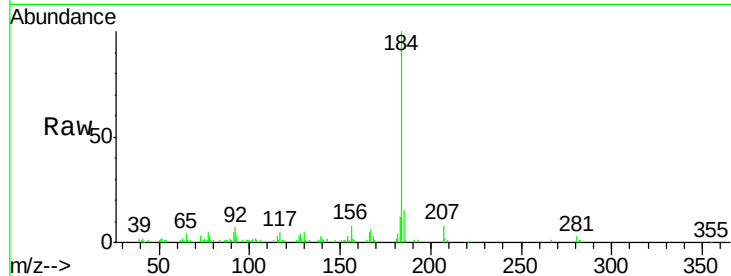
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	184	Resp:	167809
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.0	16.6
183	12.4	10.1	15.1

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#78

Pyrene

Concen: 14.690 ng

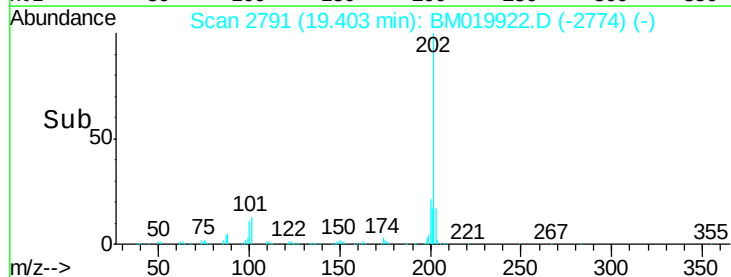
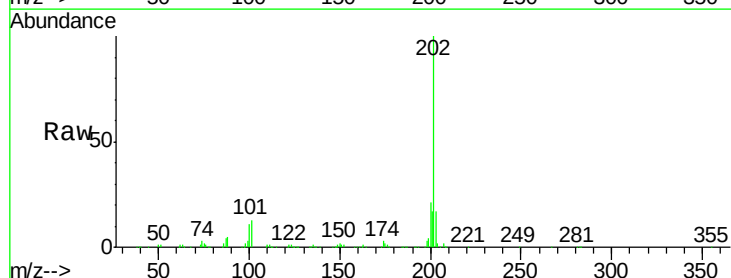
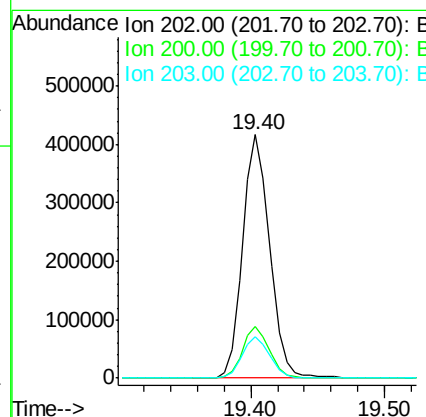
RT: 19.40 min Scan# 2791

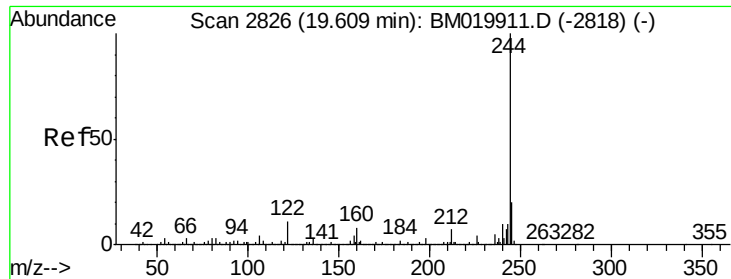
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	202	Resp:	583328
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	17.2	14.0	21.0





#79

Terphenyl-d14

Concen: 71.265 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:244 Resp: 2422777

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

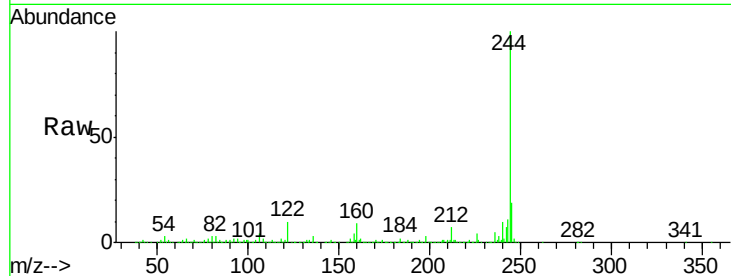
122 10.4 9.1 13.7

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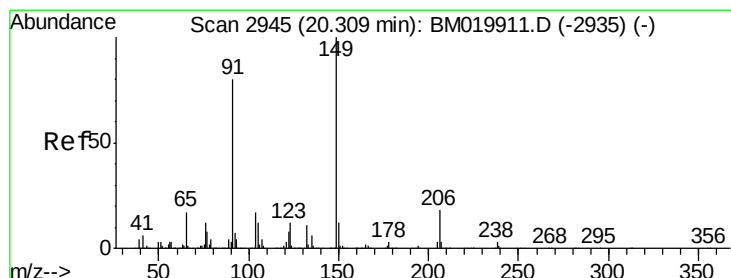
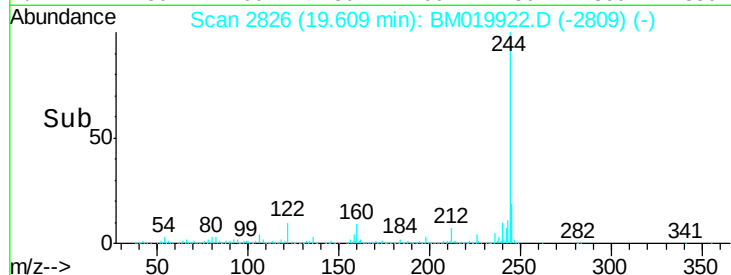
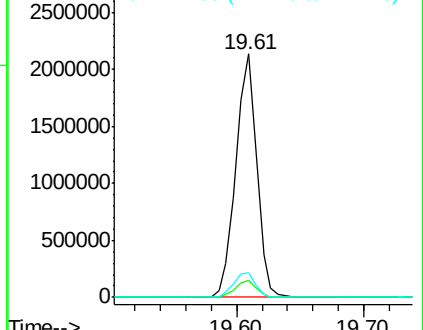
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 12.666 ng

RT: 20.31 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

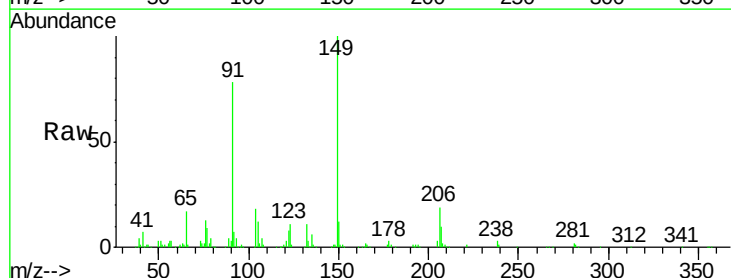
Tgt Ion:149 Resp: 243841

Ion Ratio Lower Upper

149 100

91 77.8 63.7 95.5

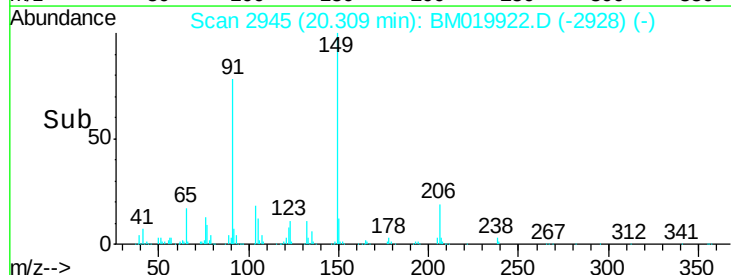
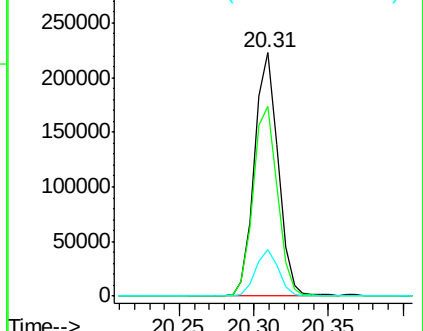
206 19.1 14.6 21.8

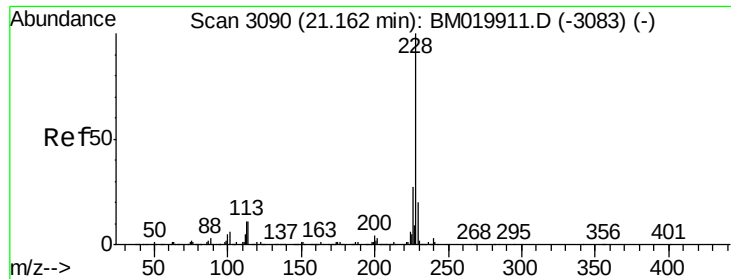


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 13.720 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

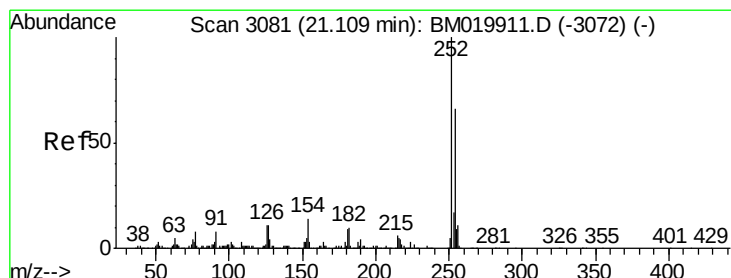
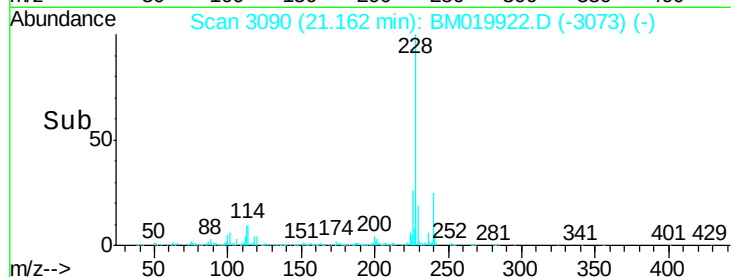
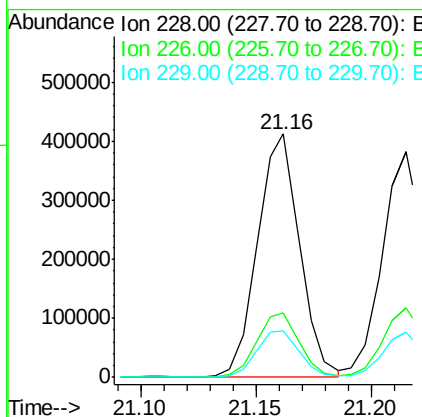
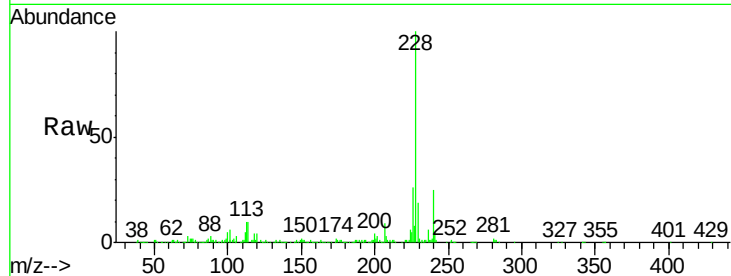
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		521177		
226	26.3		21.8	32.6	
229	19.2		15.9	23.9	

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#82

3,3'-Dichlorobenzidine

Concen: 13.574 ng

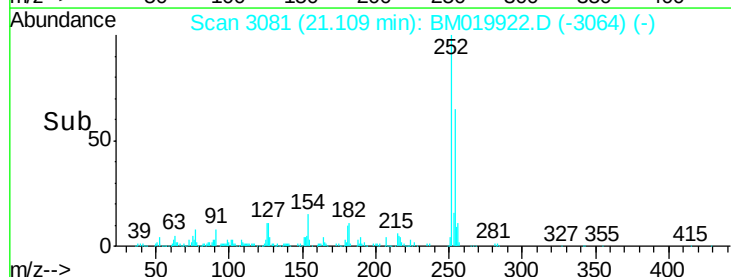
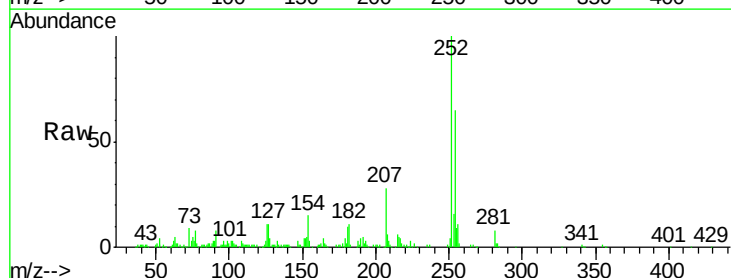
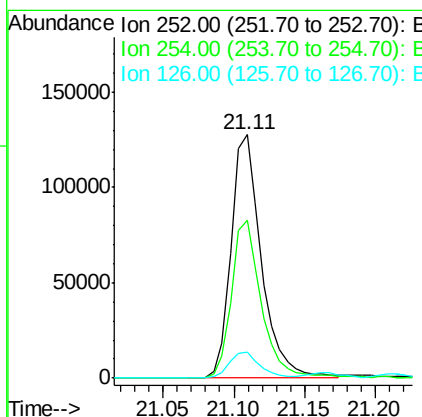
RT: 21.11 min Scan# 3081

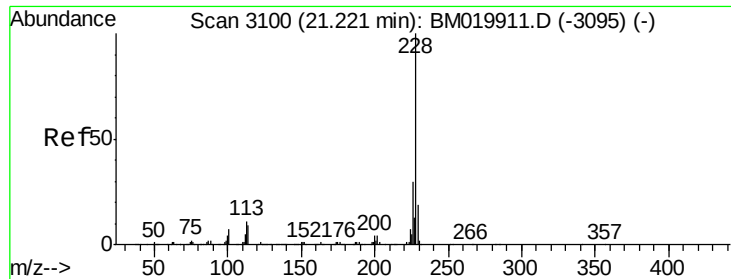
Delta R.T. -0.00 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		191837		
254	64.8		52.6	78.8	
126	10.8		8.6	12.8	





#83

Chrysene

Concen: 13.823 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Instrument :

BNA_M

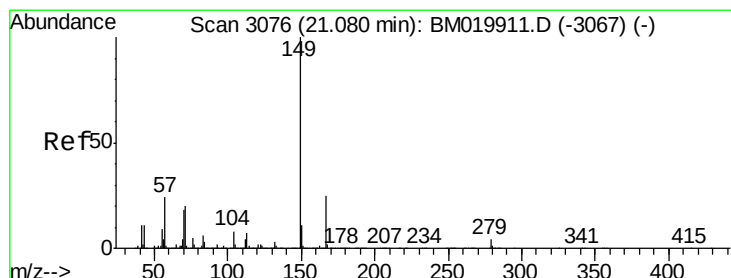
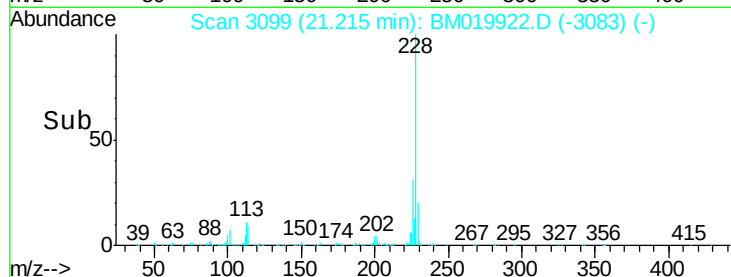
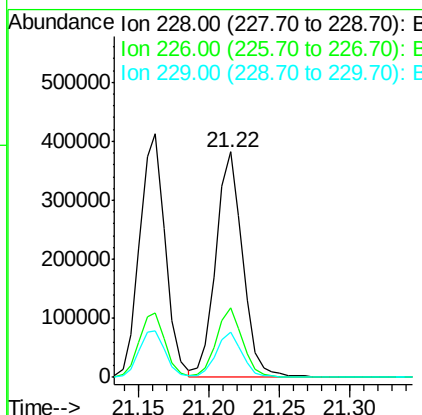
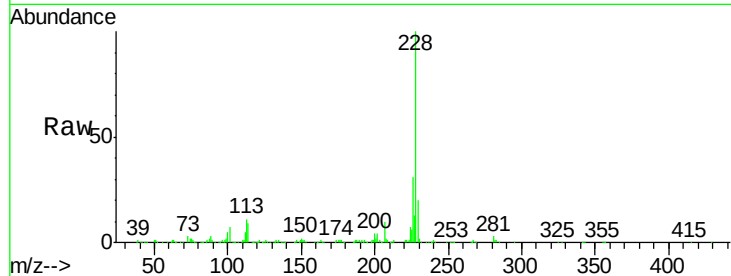
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tgt Ion:	228	Resp:	503563
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.7	35.5
229	19.8	15.6	23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 11.845 ng

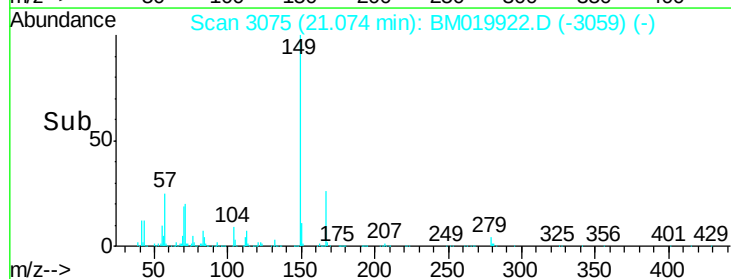
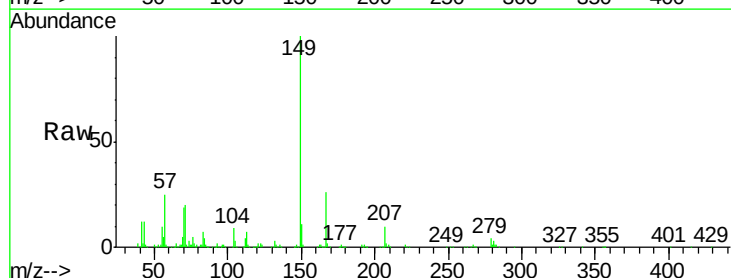
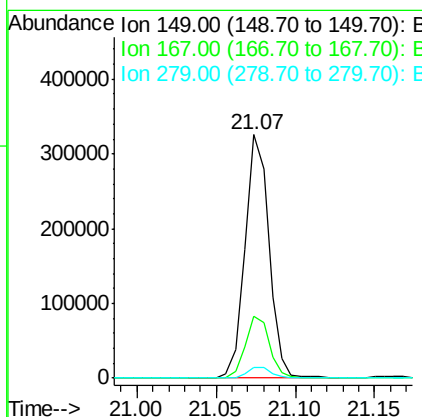
RT: 21.07 min Scan# 3075

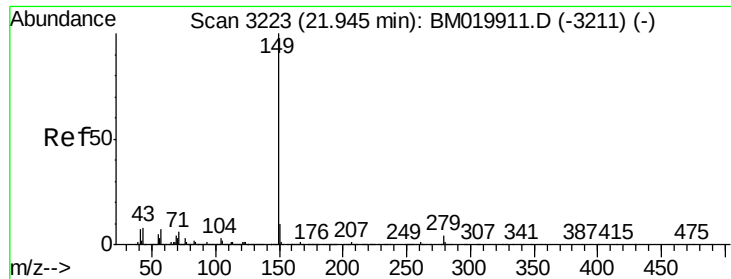
Delta R.T. -0.01 min

Lab File: BM019922.D

Acq: 15 Apr 2019 20:24

Tgt Ion:	149	Resp:	339506
Ion Ratio	Lower	Upper	
149	100		
167	25.6	20.3	30.5
279	4.1	3.4	5.2





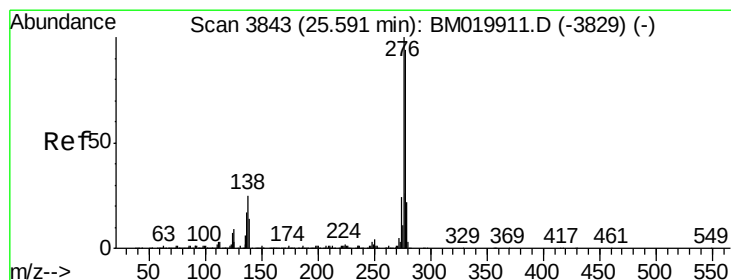
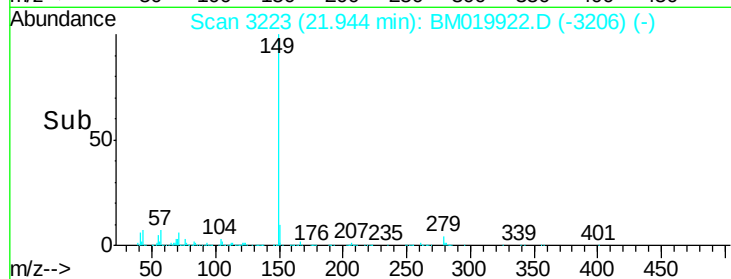
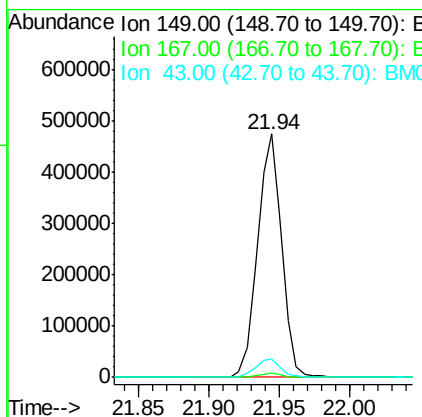
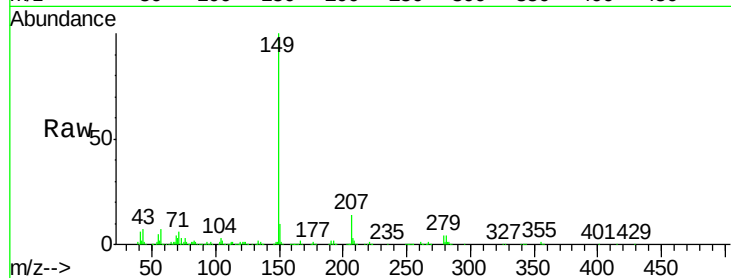
#85
Di-n-octyl phthalate
Concen: 12.112 ng
RT: 21.94 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	563304		
167	1.6	1.3	1.9	
43	7.7	6.0	9.0	

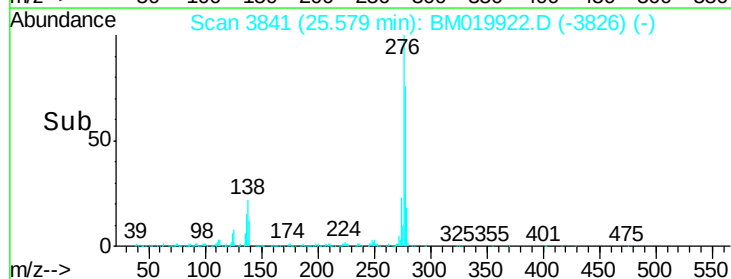
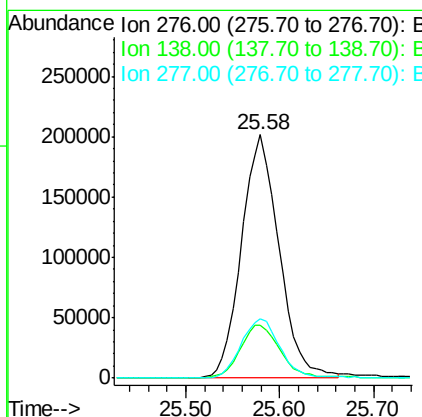
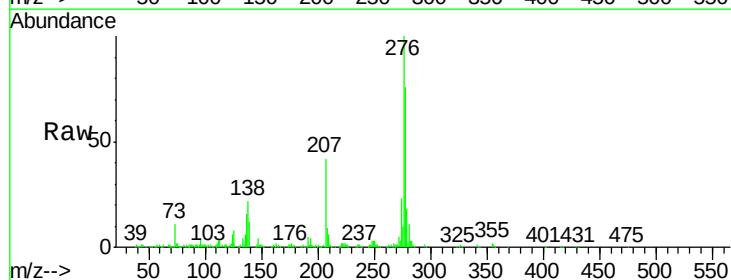
Manual Integrations
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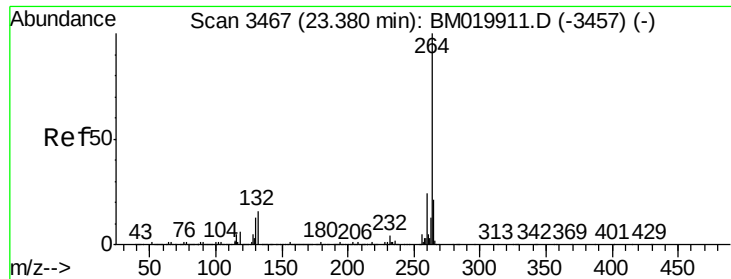
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 15.613 ng
RT: 25.58 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	559492		
138	23.1	19.0	28.6	
277	25.3	20.3	30.5	





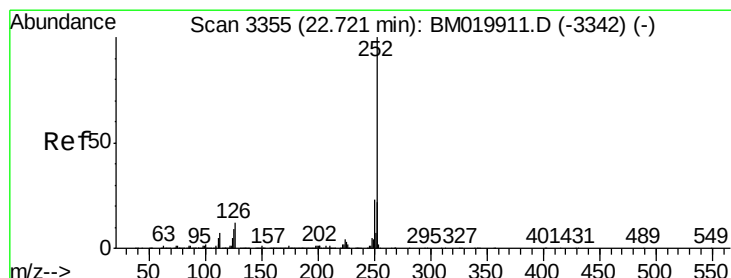
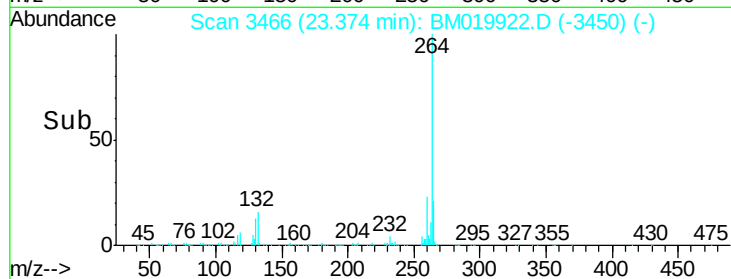
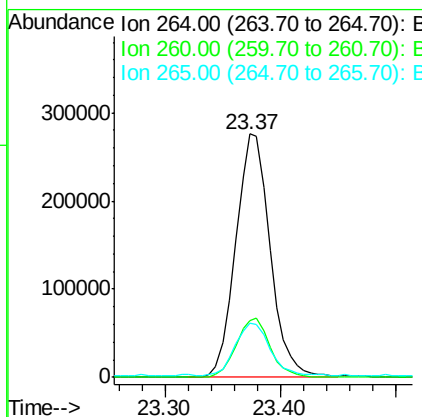
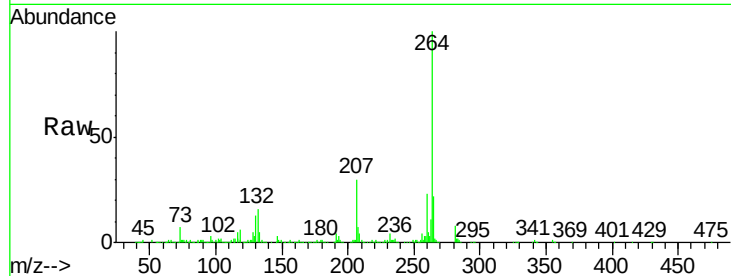
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	571592		
260	23.2	19.2	28.8	
265	22.5	17.2	25.8	

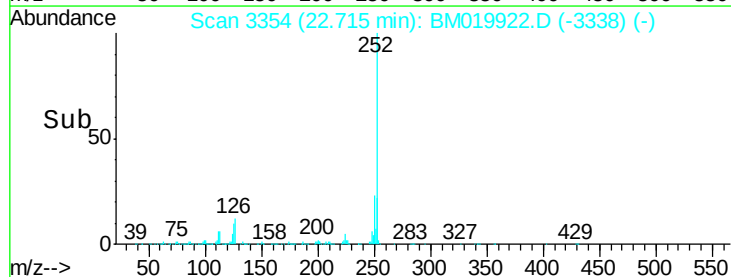
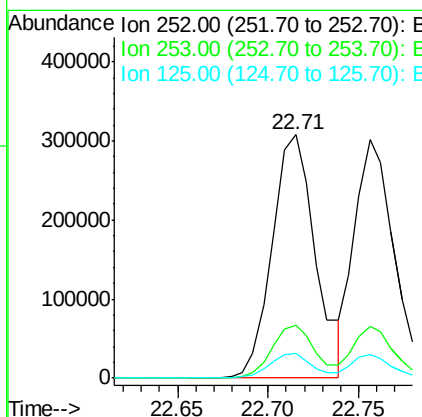
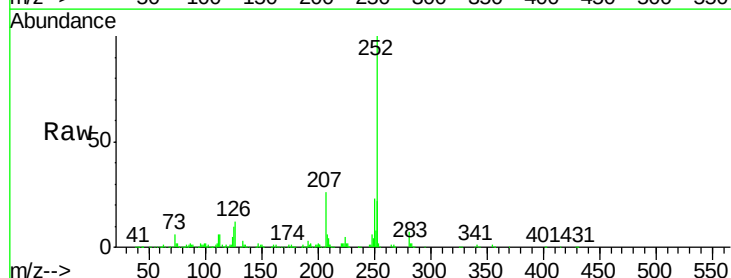
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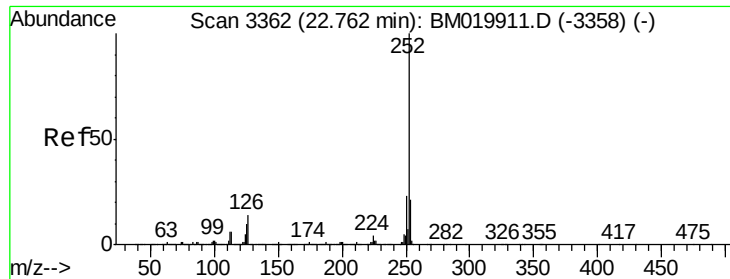
Sohil
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#88
Benzo(b)fluoranthene
Concen: 13.532 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	513607		
253	21.9	17.5	26.3	
125	9.9	7.6	11.4	





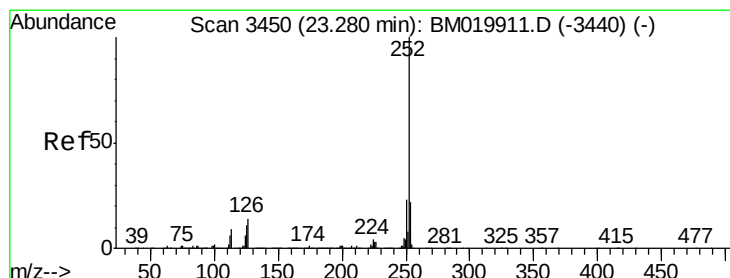
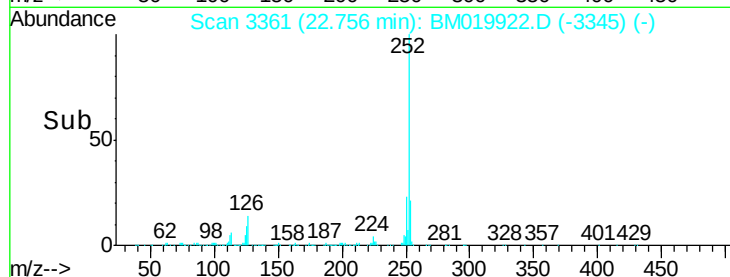
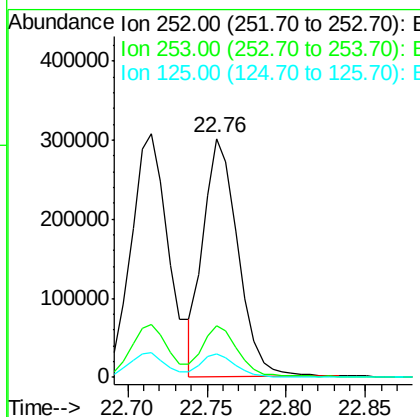
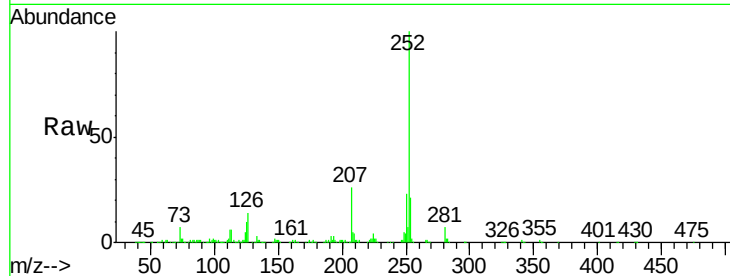
#89
Benzo(k)fluoranthene
Concen: 12.786 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	456852		
253	21.4	17.3	25.9	
125	9.7	8.2	12.4	

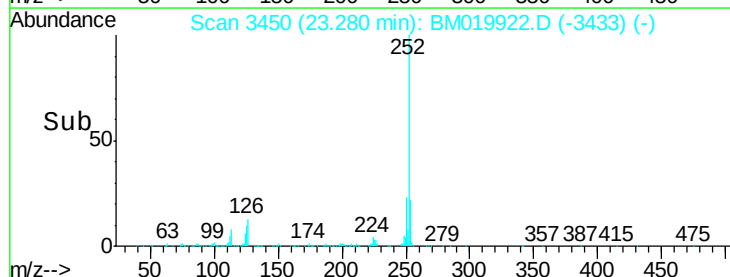
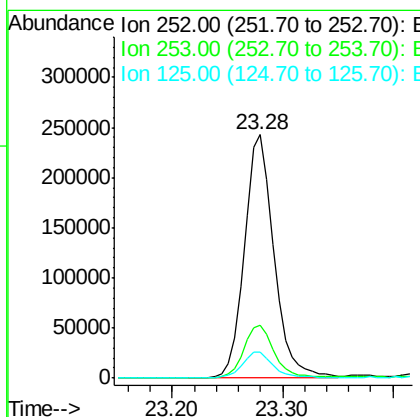
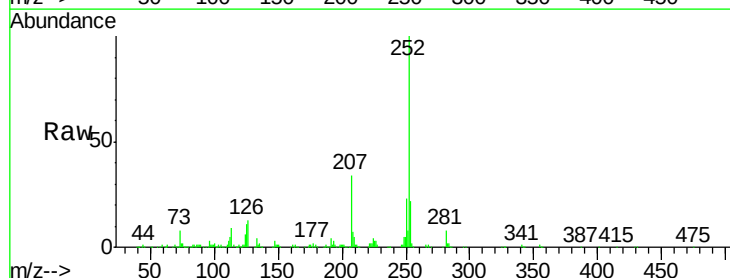
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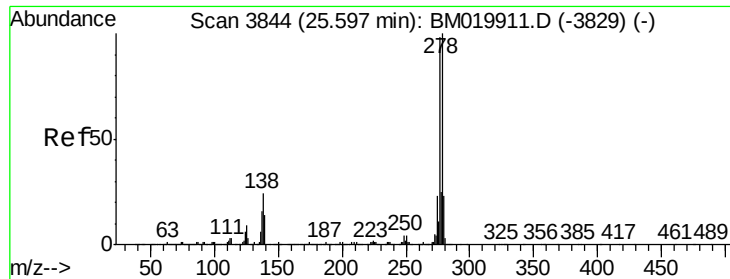
Sohil
4/16/2019 5:25:51 PM



#90
Benzo(a)pyrene
Concen: 13.533 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	455118		
253	21.9	17.8	26.8	
125	10.6	9.1	13.7	





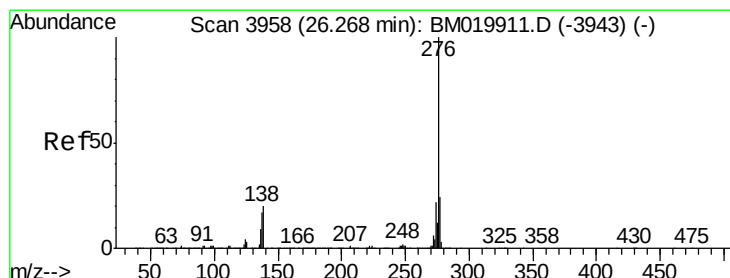
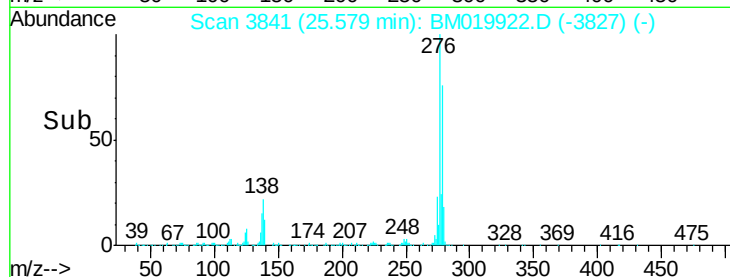
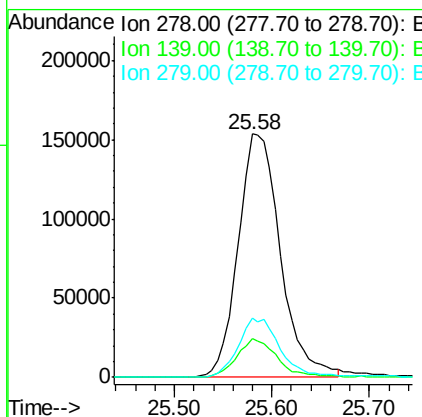
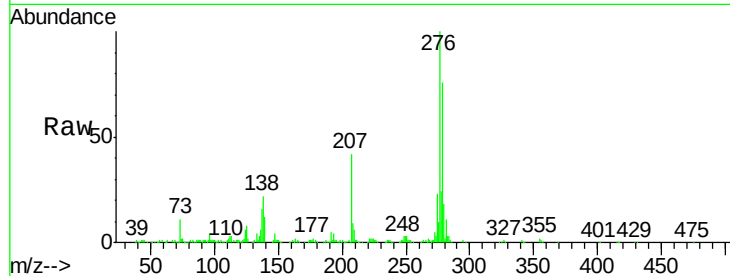
#91
Dibenzo(a,h)anthracene
Concen: 14.300 ng
RT: 25.58 min Scan# 3841
Delta R.T. -0.02 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.6	17.4
279	24.2	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 15.046 ng
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM019922.D
Acq: 15 Apr 2019 20:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.8	16.2	24.4

