

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041619\
 Data File : BM019929.D
 Acq On : 16 Apr 2019 12:22
 Operator : JU/SJ
 Sample : K1560-09
 Misc : MDL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Manual Integrations
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Sohil
 4/17/2019 4:05:12 PM

Quant Time: Apr 16 17:12:24 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	122669	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	535101	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	323891	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	715680	20.00	ng	0.00
76) Chrysene-d12	21.17	240	693784	20.00	ng	0.00
87) Perylene-d12	23.37	264	652769	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1019313	134.67	ng	0.00
7) Phenol-d6	6.72	99	1472360	129.25	ng	0.00
23) Nitrobenzene-d5	8.70	82	1089713	91.07	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	752331	144.30	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2414035	92.88	ng	0.00
79) Terphenyl-d14	19.61	244	3933934	100.01	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.12	88	25696	7.867 ng	99
3) Pyridine	3.56	79	58275	6.371 ng	93
4) n-Nitrosodimethylamine	3.48	42	19984	6.782 ng	# 87
6) Aniline	6.88	93	101409	6.892 ng	99
8) 2-Chlorophenol	7.10	128	67883	7.211 ng	99
9) Benzaldehyde	6.71	77	65732	7.657 ng	96
10) Phenol	6.75	94	90770	7.293 ng	92
11) bis(2-Chloroethyl)ether	6.98	93	63686	6.994 ng	97
12) 1,3-Dichlorobenzene	7.42	146	73157	7.402 ng	96
13) 1,4-Dichlorobenzene	7.56	146	75295	7.509 ng	98
14) 1,2-Dichlorobenzene	7.87	146	72776	7.320 ng	98
15) Benzyl Alcohol	7.80	79	82695m	7.985 ng	
16) 2,2'-oxybis(1-Chloropropan	8.06	45	63182	7.278 ng	99
17) 2-Methylphenol	7.99	107	56466	6.855 ng	94
18) Hexachloroethane	8.57	117	27890	7.155 ng	95
19) n-Nitroso-di-n-propylamine	8.35	70	66669	6.658 ng	99
20) 3+4-Methylphenols	8.33	107	67922	6.003 ng	99
22) Acetophenone	8.37	105	107095	7.348 ng	# 97
24) Nitrobenzene	8.75	77	102778	8.292 ng	98
25) Isophorone	9.26	82	166690	7.157 ng	98
26) 2-Nitrophenol	9.46	139	34324	6.498 ng	98
27) 2,4-Dimethylphenol	9.52	122	50443	6.754 ng	95
28) bis(2-Chloroethoxy)methane	9.75	93	91138	6.988 ng	98
29) 2,4-Dichlorophenol	10.01	162	57694m	6.802 ng	
30) 1,2,4-Trichlorobenzene	10.17	180	68663	7.521 ng	96
31) Naphthalene	10.36	128	221832	7.729 ng	98
32) Benzoic acid	9.67	122	33050m	9.275 ng	
33) 4-Chloroaniline	10.52	127	77947	6.592 ng	99
34) Hexachlorobutadiene	10.61	225	42147	7.828 ng	99
35) Caprolactam	11.34	113	19889m	6.195 ng	
36) 4-Chloro-3-methylphenol	11.64	107	72924	6.919 ng	98
37) 2-Methylnaphthalene	11.99	142	157771	7.550 ng	97
38) 1-Methylnaphthalene	12.20	142	158347	7.675 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	75742	7.580 ng	98

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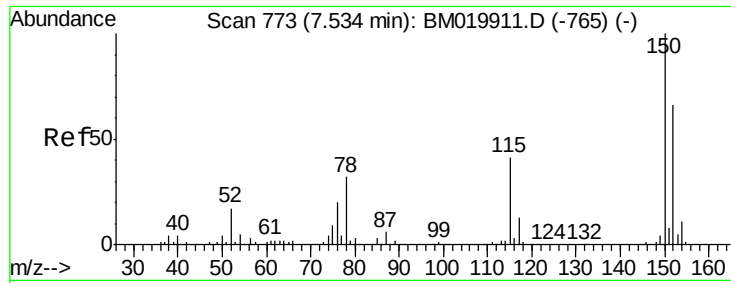
Manual Integrations
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Quant Time: Apr 16 17:12:24 2019
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	4860	12.837	ng	96
43) 2,4,6-Trichlorophenol	12.63	196	47881	7.068	ng	94
44) 2,4,5-Trichlorophenol	12.72	196	43510	6.171	ng	94
46) 1,1'-Biphenyl	13.02	154	215543	7.683	ng	99
47) 2-Chloronaphthalene	13.06	162	161591	7.552	ng	99
48) 2-Nitroaniline	13.32	65	50184	6.506	ng	95
49) Acenaphthylene	13.92	152	275666	7.404	ng	99
50) Dimethylphthalate	13.67	163	218658	7.654	ng	100
51) 2,6-Dinitrotoluene	13.81	165	45637	7.224	ng	91
52) Acenaphthene	14.26	154	158670	7.686	ng	99
53) 3-Nitroaniline	14.16	138	38467	6.098	ng	99
54) 2,4-Dinitrophenol	14.42	184	12262m	10.425	ng	
55) Dibenzofuran	14.60	168	255287	7.563	ng	97
56) 4-Nitrophenol	14.52	139	16491m	8.930	ng	
57) 2,4-Dinitrotoluene	14.62	165	58547	6.447	ng	97
58) Fluorene	15.26	166	206686	7.226	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.84	232	46334	7.202	ng	98
60) Diethylphthalate	15.03	149	223789	7.532	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	99358	7.215	ng	94
62) 4-Nitroaniline	15.34	138	38944m	6.266	ng	
63) Azobenzene	15.54	77	238352	7.505	ng	98
65) 4,6-Dinitro-2-methylphenol	15.40	198	21729	4.759	ng	90
66) n-Nitrosodiphenylamine	15.47	169	176013	7.523	ng	99
67) 4-Bromophenyl-phenylether	16.15	248	59899	7.280	ng	98
68) Hexachlorobenzene	16.26	284	73655	7.460	ng	99
69) Atrazine	16.44	200	59209	7.454	ng	98
70) Pentachlorophenol	16.63	266	27263	5.404	ng	97
71) Phenanthrene	17.00	178	321904	7.579	ng	99
72) Anthracene	17.10	178	304183	7.195	ng	99
73) Carbazole	17.39	167	277208	7.023	ng	99
74) Di-n-butylphthalate	17.93	149	349170	6.736	ng	100
75) Fluoranthene	19.04	202	345577	7.070	ng	98
77) Benzidine	19.25	184	128032	6.688	ng	99
78) Pyrene	19.40	202	361615	7.871	ng	99
80) Butylbenzylphthalate	20.31	149	149848	6.727	ng	96
81) Benzo(a)anthracene	21.16	228	325889	7.415	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	116381	7.117	ng	99
83) Chrysene	21.22	228	322090	7.642	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	208657	6.292	ng	98
85) Di-n-octyl phthalate	21.94	149	341927	6.355	ng	99
86) Indeno(1,2,3-cd)pyrene	25.58	276	343884	8.294	ng	100
88) Benzo(b)fluoranthene	22.71	252	308536	7.118	ng	99
89) Benzo(k)fluoranthene	22.76	252	304894	7.472	ng	99
90) Benzo(a)pyrene	23.27	252	288281	7.506	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	279409	7.546	ng	99
92) Benzo(g,h,i)perylene	26.26	276	272676	8.130	ng	99

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



#1

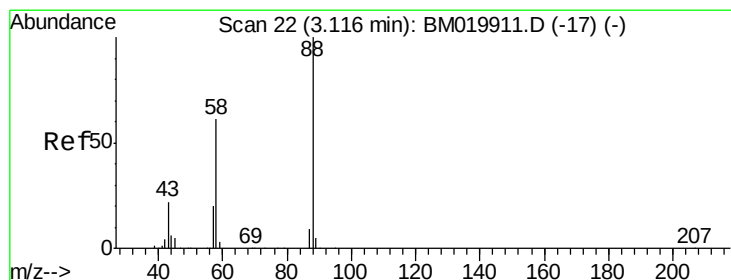
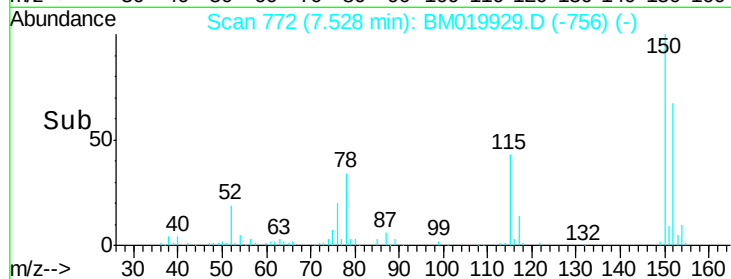
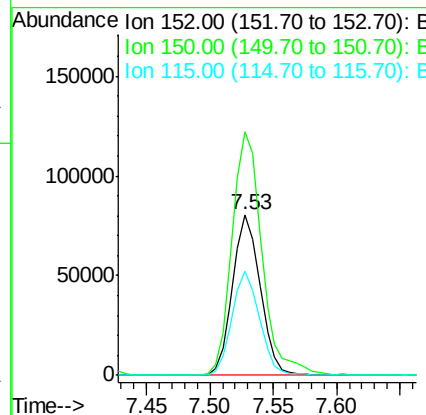
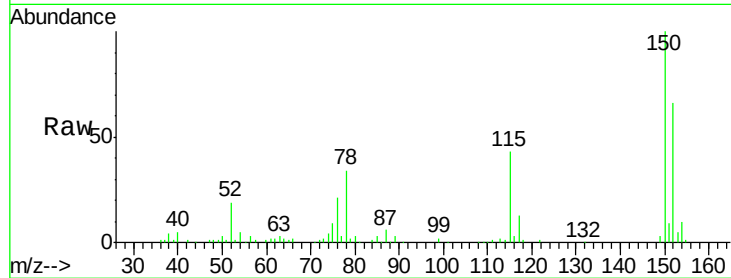
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	122669		
150	151.3	122.1	183.1	
115	64.5	50.0	75.0	

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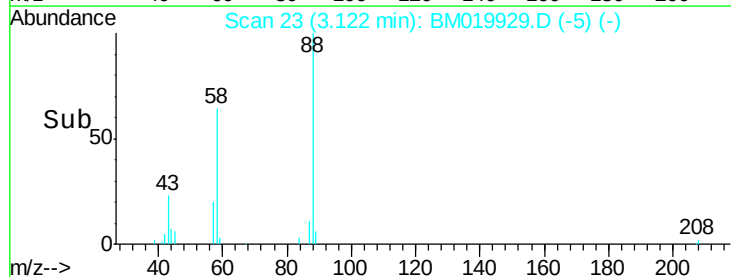
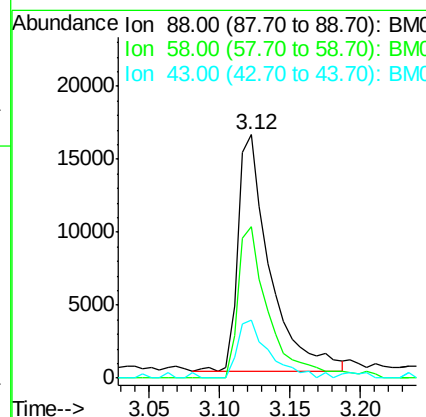
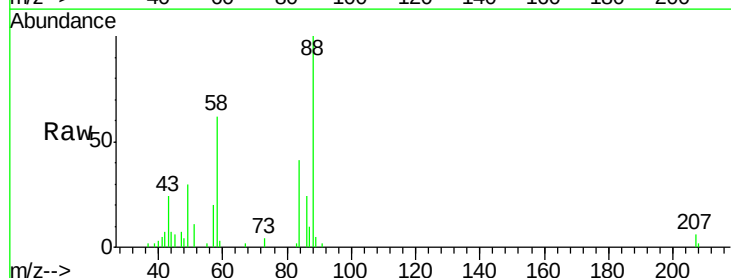
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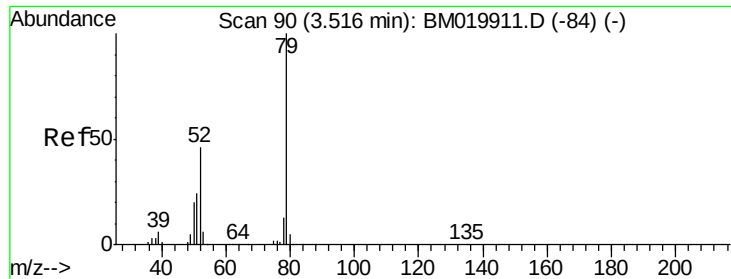


#2

1,4-Dioxane
Concen: 7.867 ng
RT: 3.12 min Scan# 23
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	25696		
58	61.5	49.6	74.4	
43	23.7	18.6	27.8	





#3

Pyridine

Concen: 6.371 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.05 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

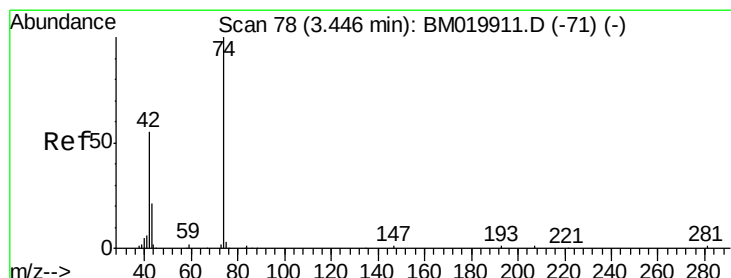
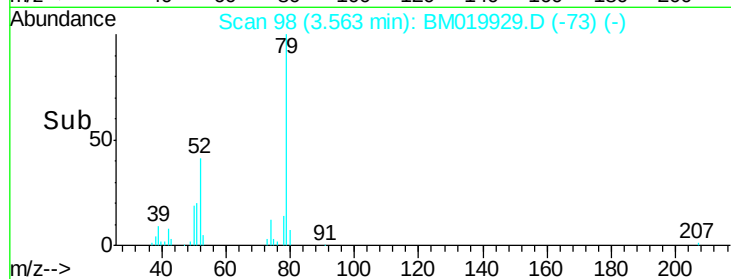
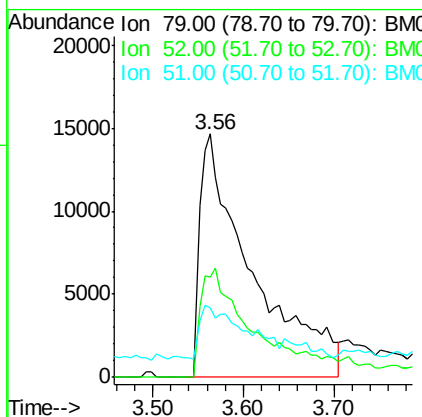
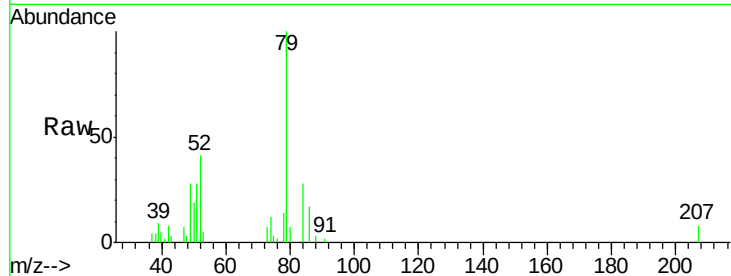
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	79	Resp:	58275
Ion	Ratio	Lower	Upper
79	100		
52	40.9	36.9	55.3
51	28.5	20.0	30.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 6.782 ng

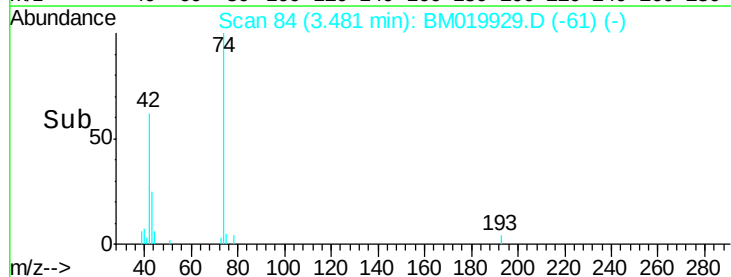
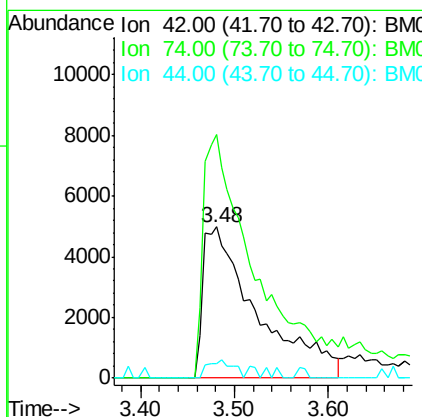
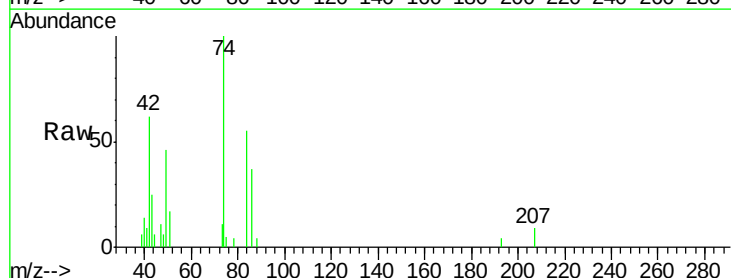
RT: 3.48 min Scan# 84

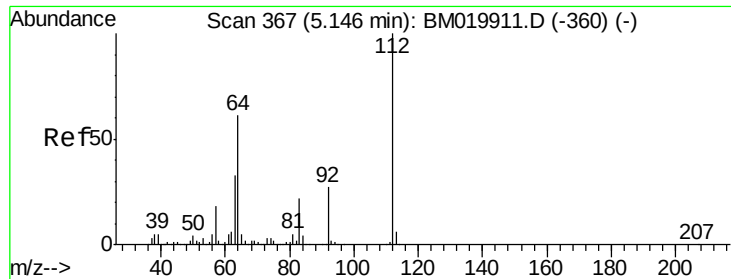
Delta R.T. 0.04 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	42	Resp:	19984
Ion	Ratio	Lower	Upper
42	100		
74	161.4	144.6	217.0
44	9.7	5.4	8.2#





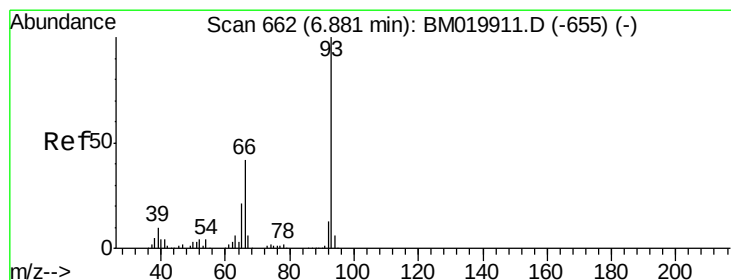
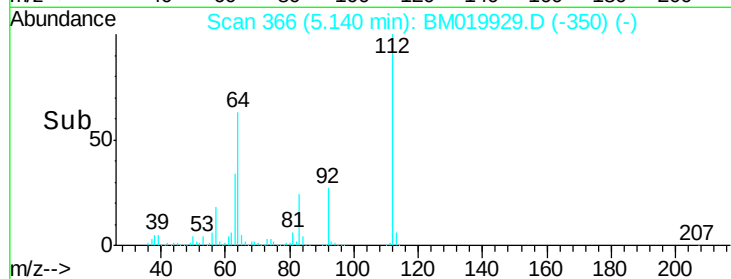
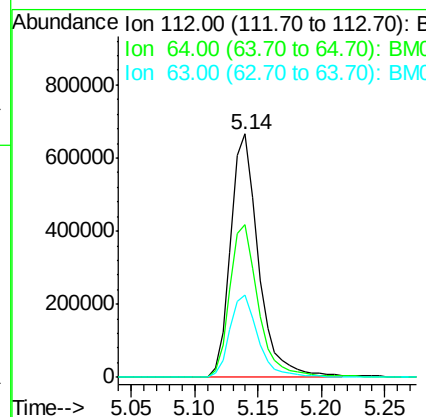
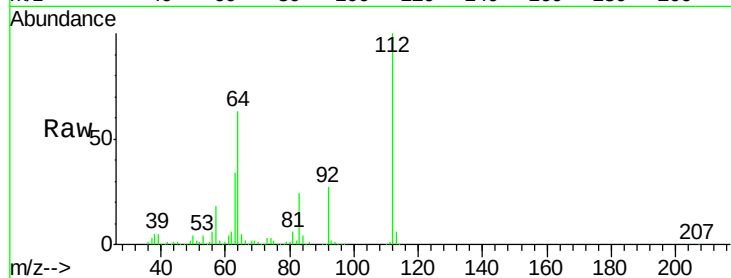
#5
2-Fluorophenol
Concen: 134.667 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.1	73.7
63	33.9	26.5	39.7

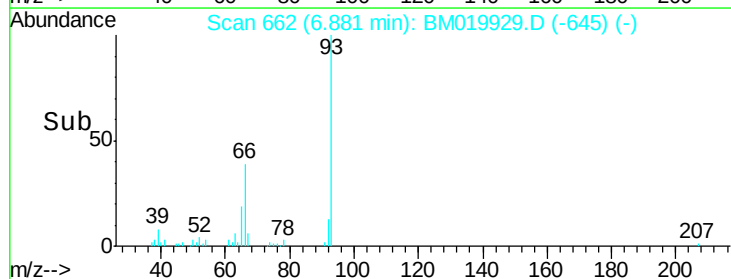
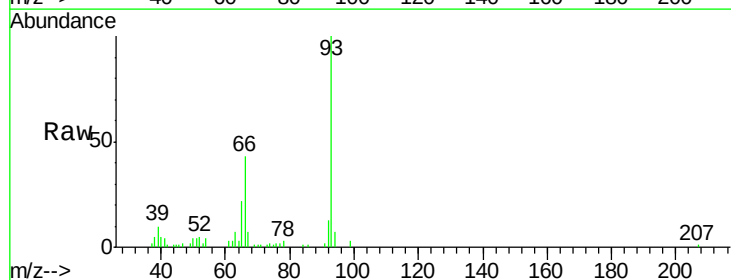
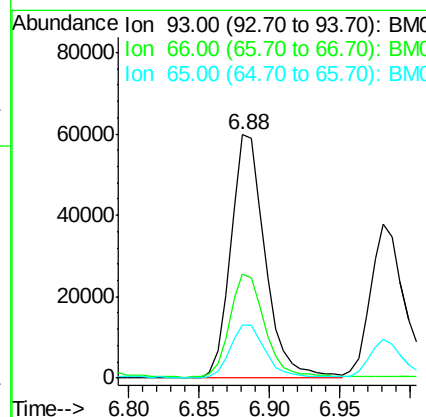
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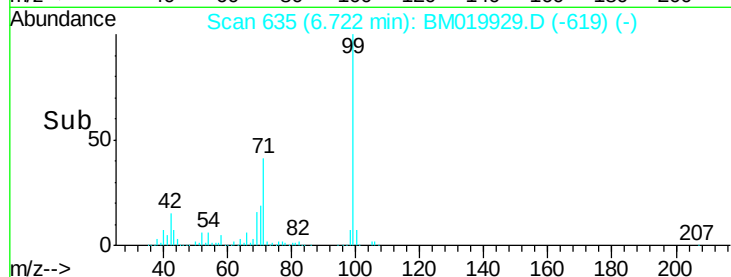
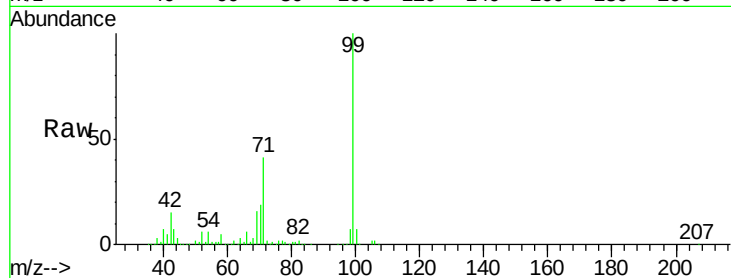
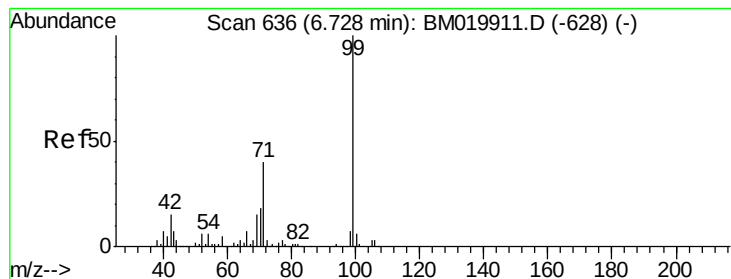
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#6
Aniline
Concen: 6.892 ng
RT: 6.88 min Scan# 662
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.9	33.9	50.9
65	21.7	17.0	25.6





#7

Phenol-d6

Concen: 129.252 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	99	Resp:	1472360
Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.8	17.8
71	41.3	32.0	48.0

Instrument :

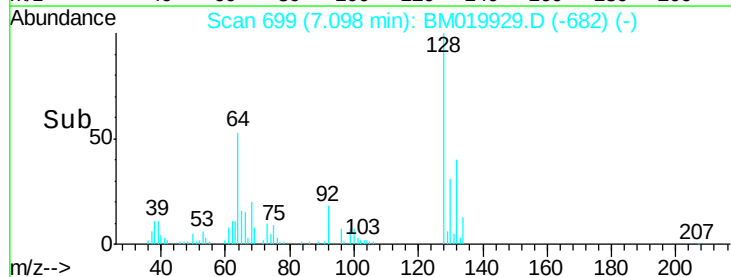
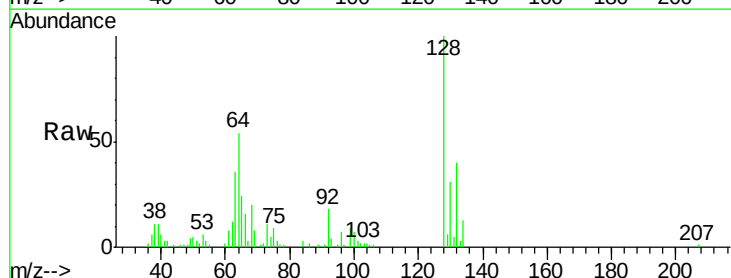
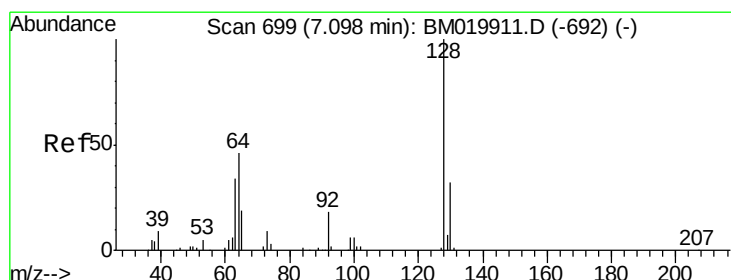
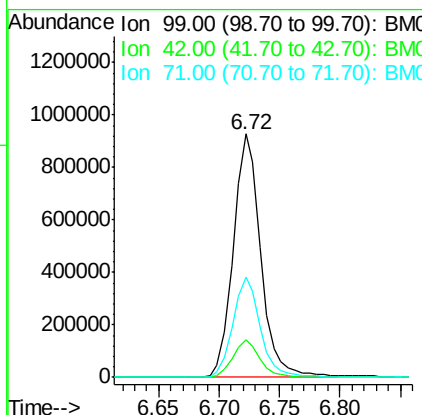
BNA_M

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Manual Integrations
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#8

2-Chlorophenol

Concen: 7.211 ng

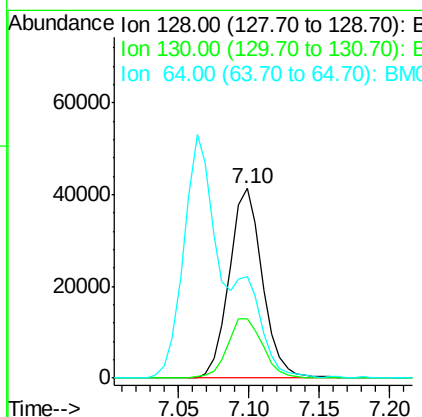
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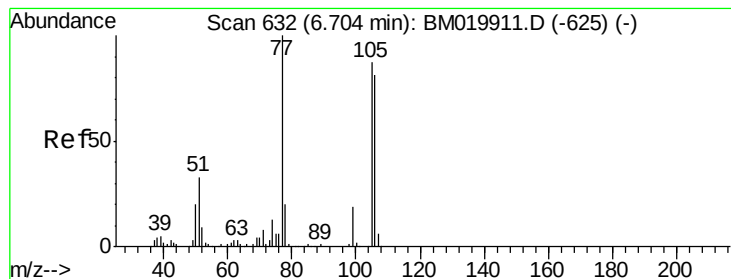
Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	128	Resp:	67883
Ion	Ratio	Lower	Upper
128	100		
130	31.0	12.0	52.0
64	53.8	33.0	73.0





#9

Benzaldehyde

Concen: 7.657 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.01 min

Lab File: BM019929.D

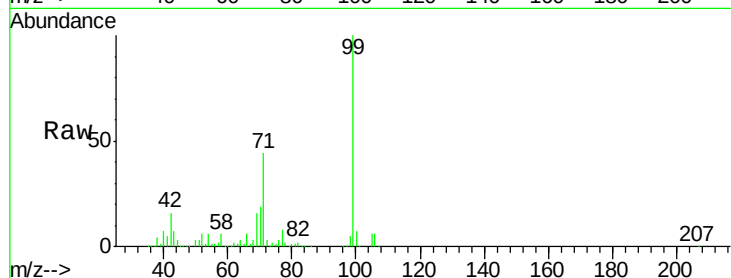
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Instrument :

BNA_M

ClientSampleId :

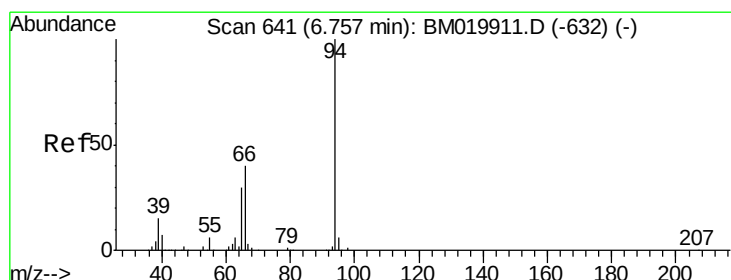
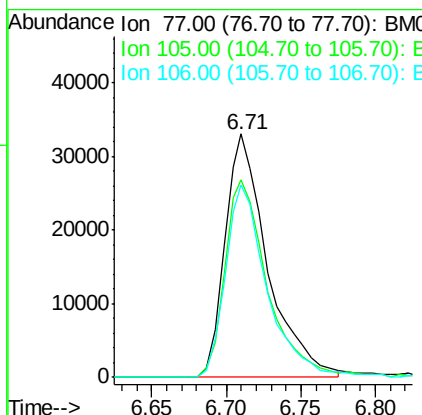
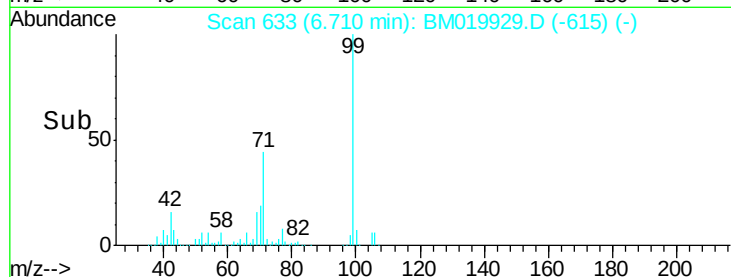
MDL-MDL-WATER-03-QT1-2019



Tgt Ion:	77	Resp:	65732
Ion	Ratio	Lower	Upper
77	100		
105	81.2	67.3	107.3
106	79.2	60.6	100.6

Manual Integrations
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#10

Phenol

Concen: 7.293 ng

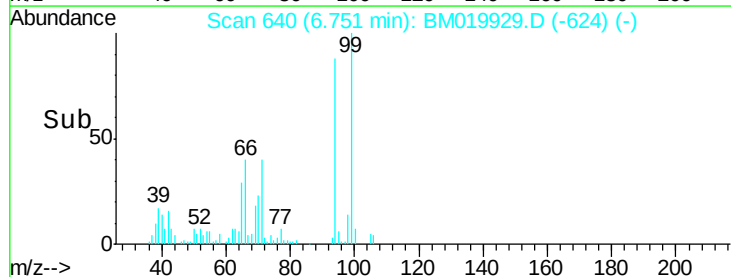
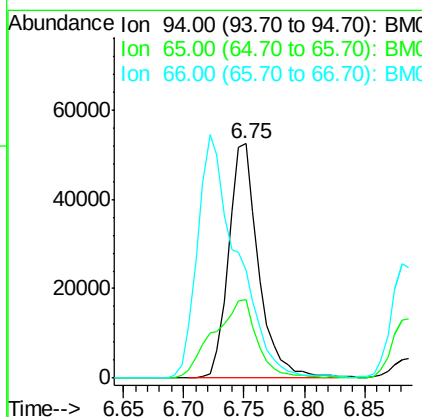
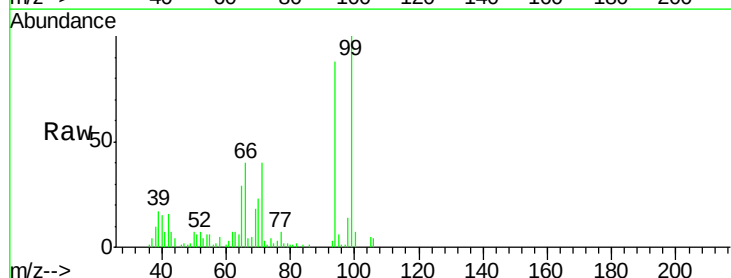
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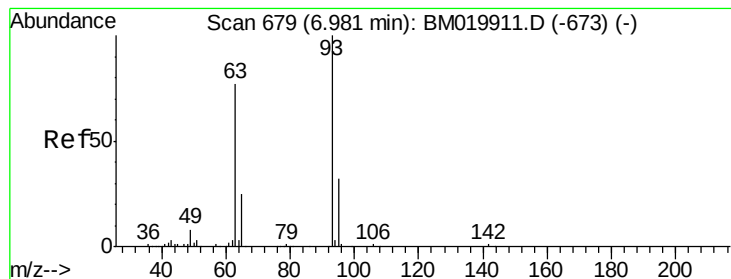
Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	94	Resp:	90770
Ion	Ratio	Lower	Upper
94	100		
65	33.2	10.0	50.0
66	46.0	20.2	60.2





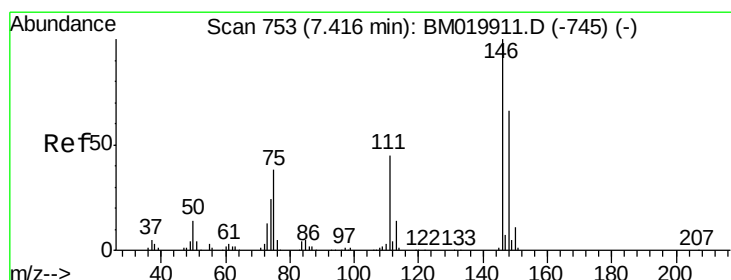
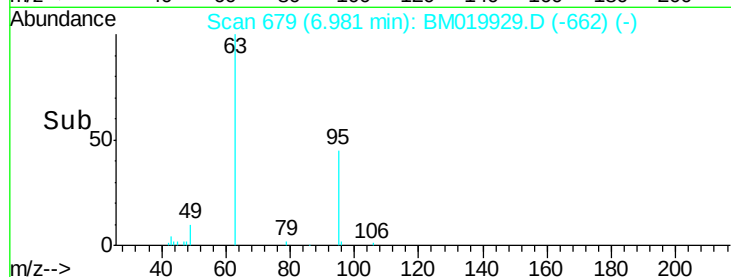
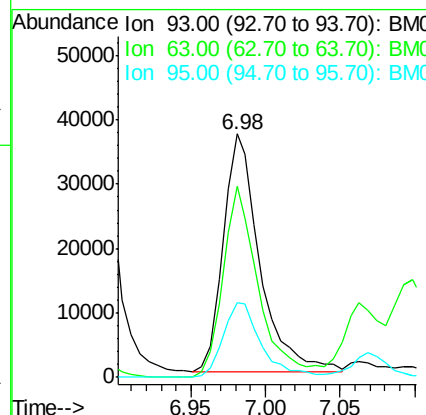
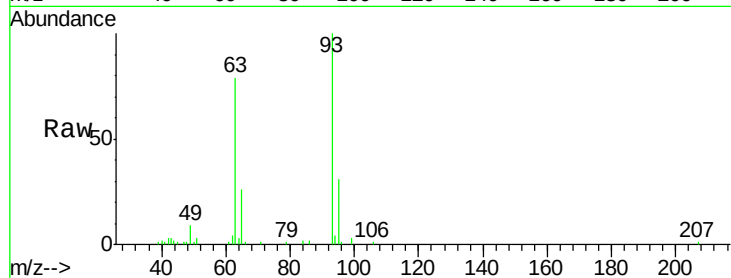
#11
bis(2-Chloroethyl)ether
Concen: 6.994 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	63686		
63	78.8	55.8	95.8	
95	30.8	11.6	51.6	

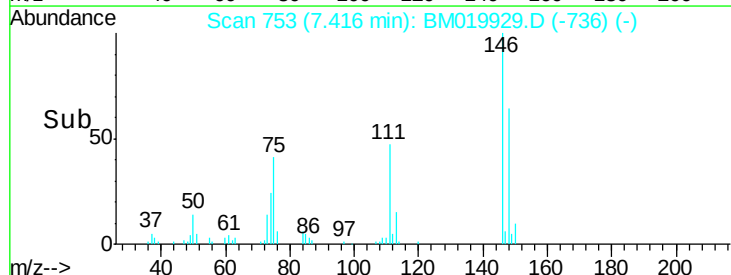
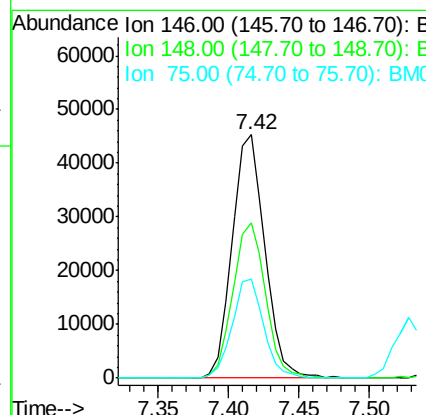
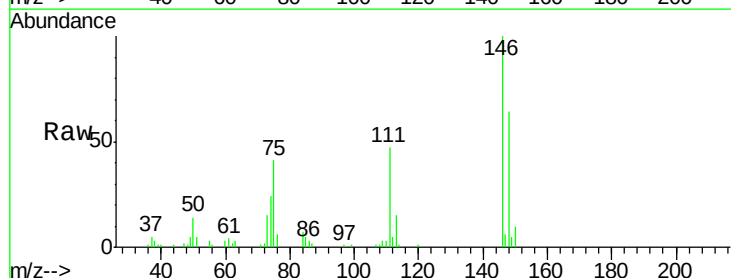
Manual Integrations
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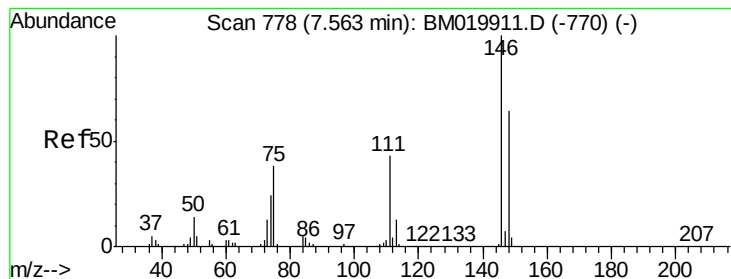
Sohil
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#12
1,3-Dichlorobenzene
Concen: 7.402 ng
RT: 7.42 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	73157		
148	63.8	52.6	78.8	
75	40.8	30.0	45.0	





#13

1,4-Dichlorobenzene

Concen: 7.509 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

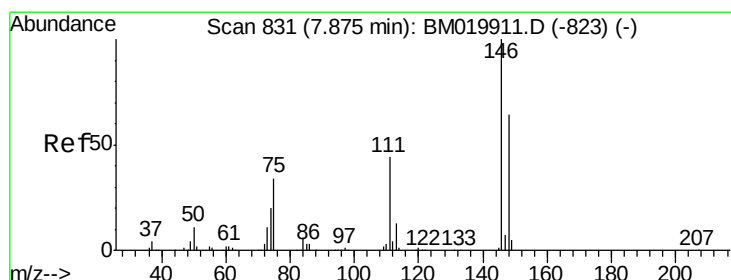
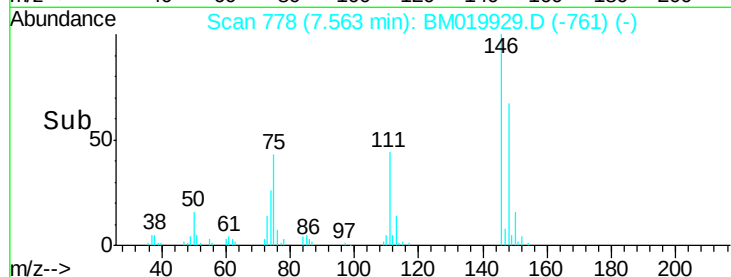
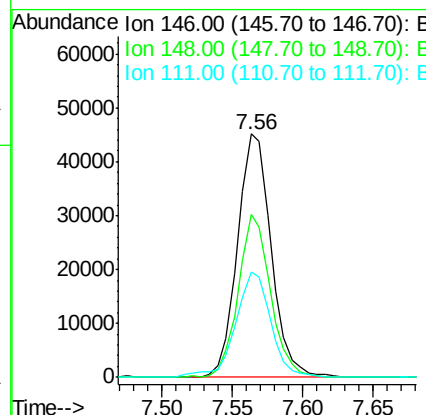
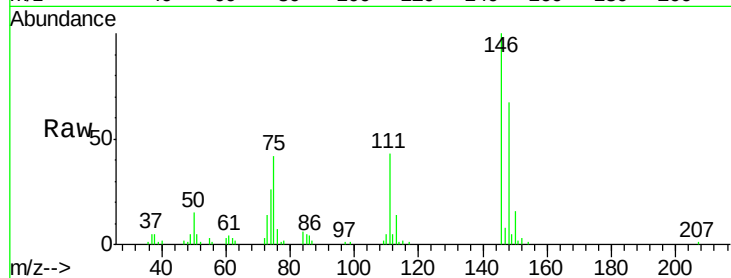
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	146	Resp:	75295
Ion Ratio	Lower	Upper	
146	100		
148	66.8	51.1	76.7
111	43.1	34.6	51.8

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#14

1,2-Dichlorobenzene

Concen: 7.320 ng

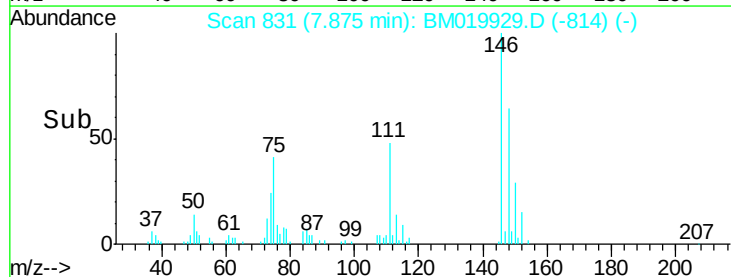
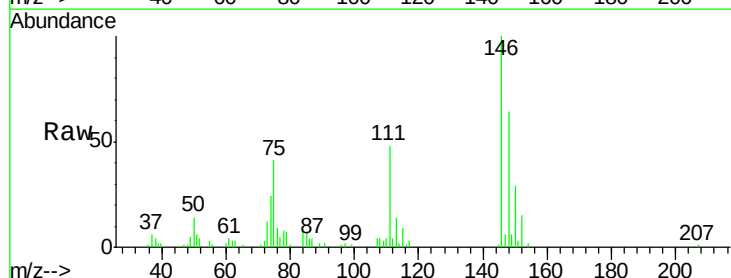
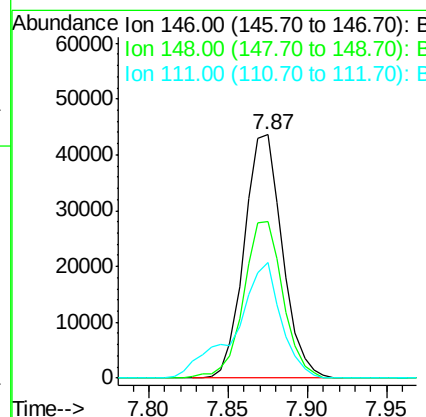
RT: 7.87 min Scan# 831

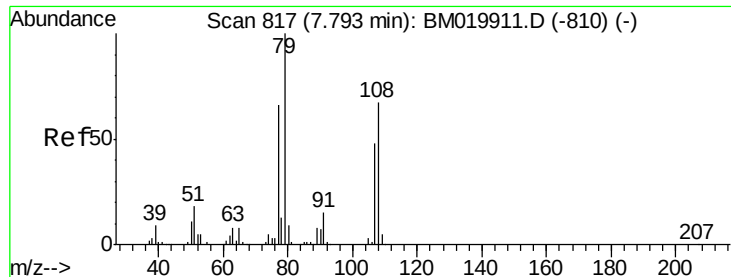
Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	146	Resp:	72776
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.2
111	47.5	35.4	53.0





#15

Benzyl Alcohol

Concen: 7.985 ng m

RT: 7.80 min Scan# 819

Delta R.T. 0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

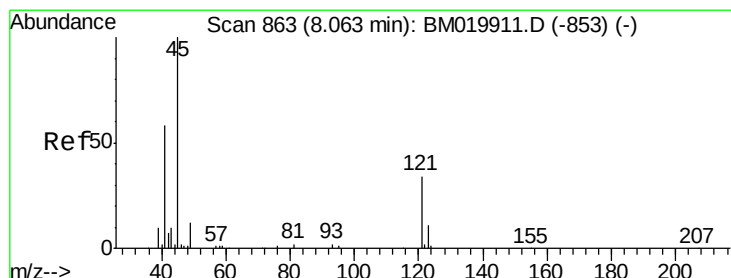
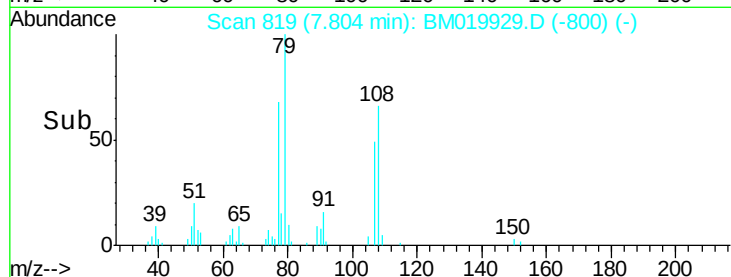
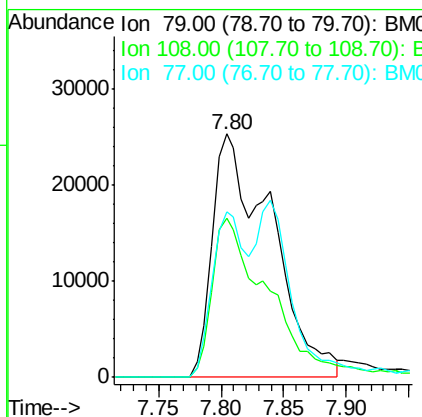
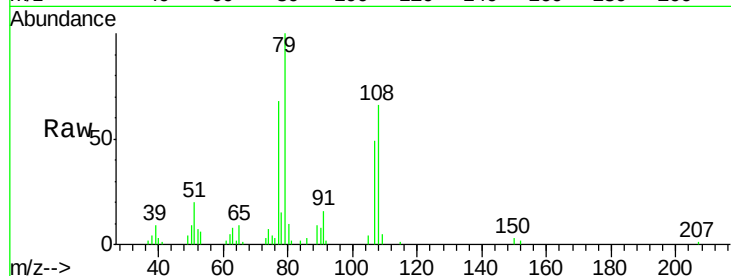
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	79	Resp:	82695
Ion Ratio	Lower	Upper	
79	100		
108	65.6	53.9	80.9
77	68.2	53.1	79.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.278 ng

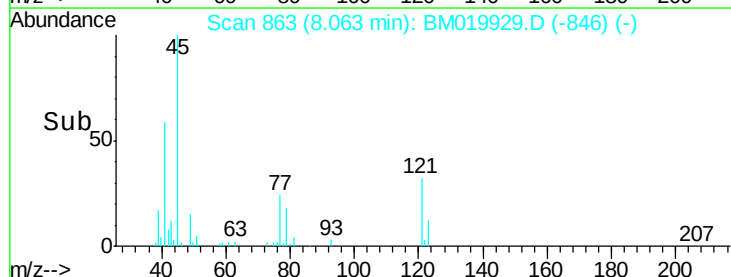
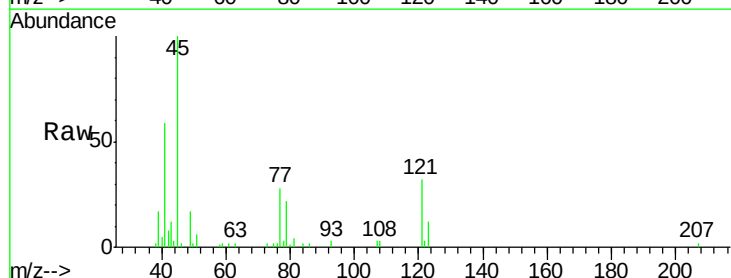
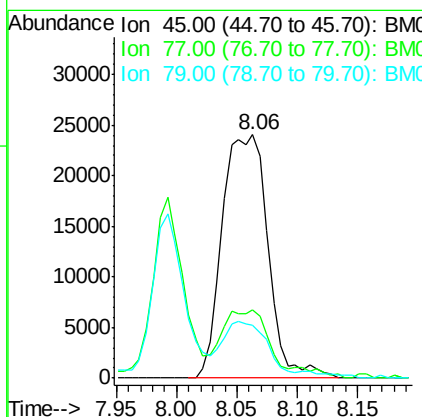
RT: 8.06 min Scan# 863

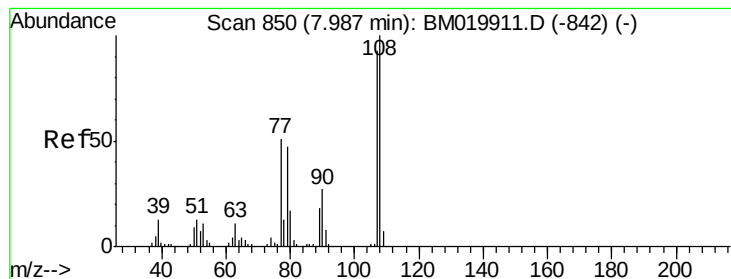
Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

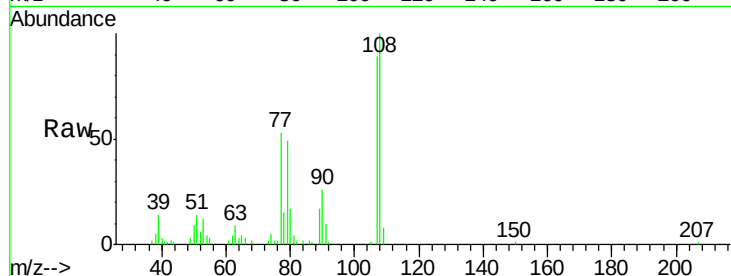
Tgt Ion:	45	Resp:	63182
Ion Ratio	Lower	Upper	
45	100		
77	28.0	7.2	47.2
79	21.6	1.2	41.2





#17
2-Methylphenol
Concen: 6.855 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

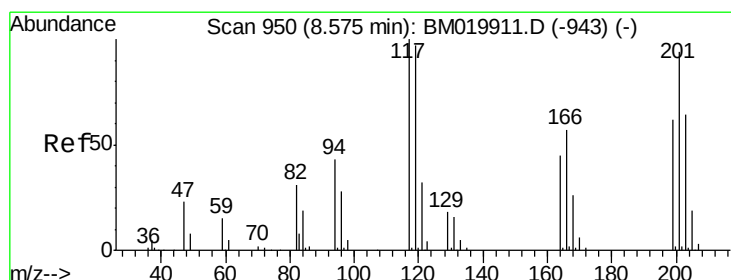
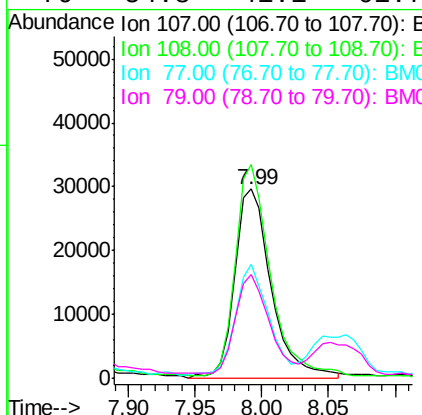
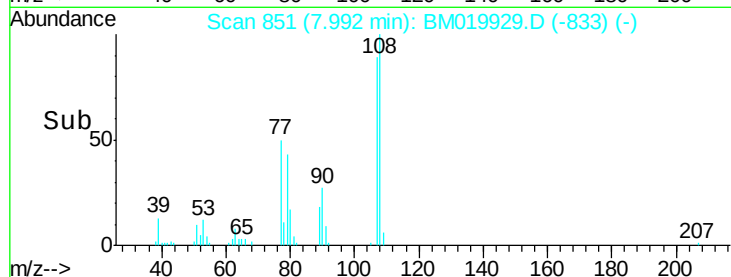
Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



Tgt Ion:	107	Resp:	56466
Ion Ratio	Lower	Upper	
107	100		
108	112.8	85.9	128.9
77	60.2	43.8	65.6
79	54.8	41.1	61.7

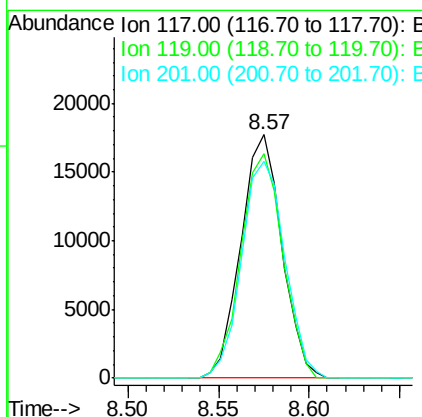
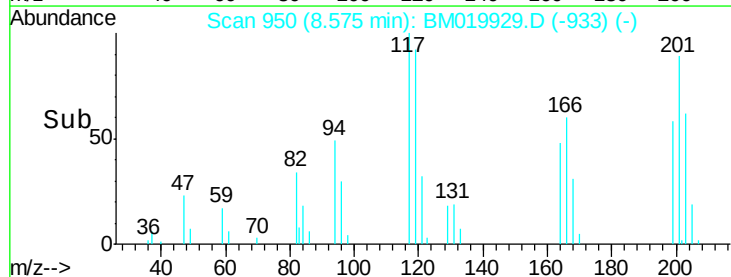
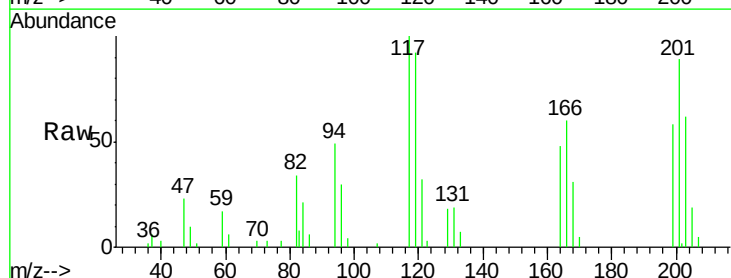
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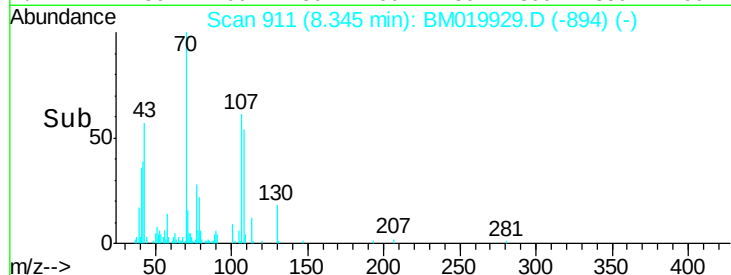
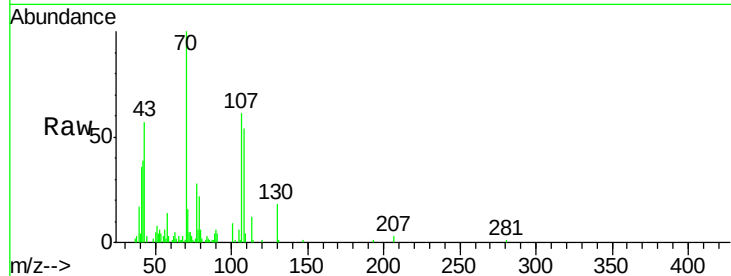
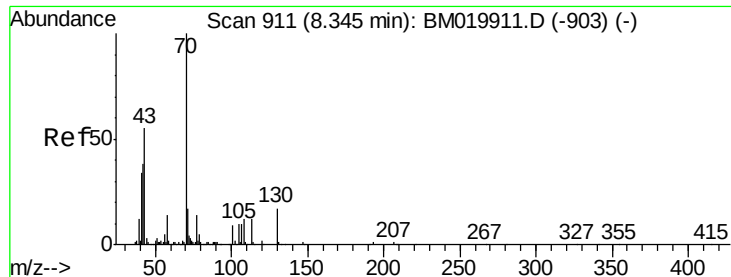
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#18
Hexachloroethane
Concen: 7.155 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion:	117	Resp:	27890
Ion Ratio	Lower	Upper	
117	100		
119	92.0	77.6	116.4
201	88.8	75.4	113.2





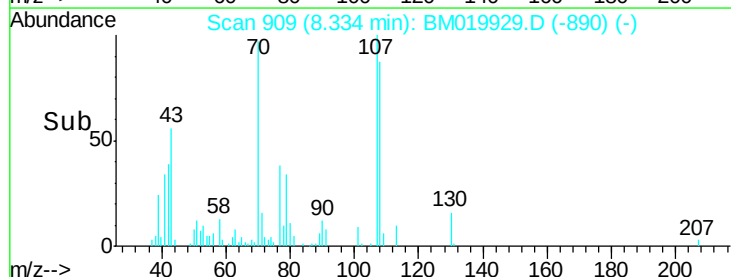
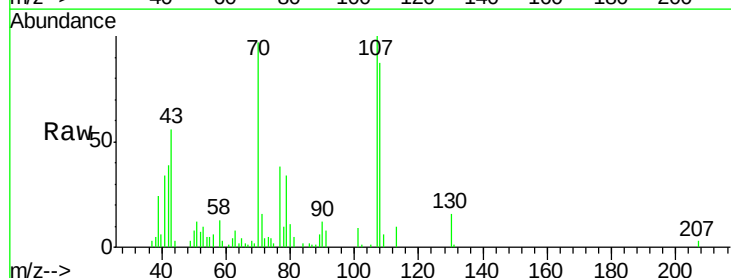
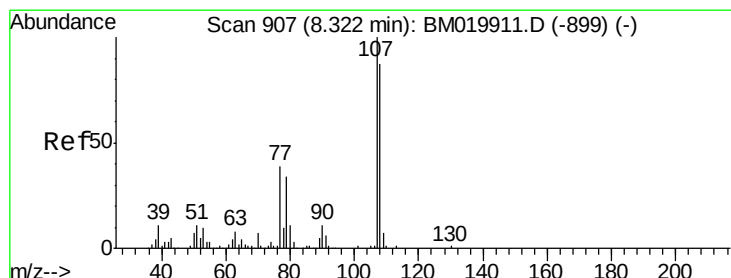
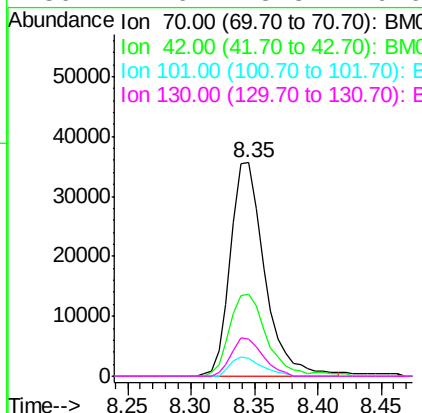
#19
n-Nitroso-di-n-propylamine
Concen: 6.658 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.5	30.3	45.5	
101	8.6	6.9	10.3	
130	17.6	13.8	20.6	

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

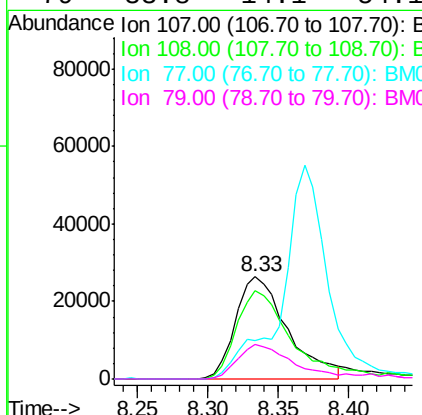
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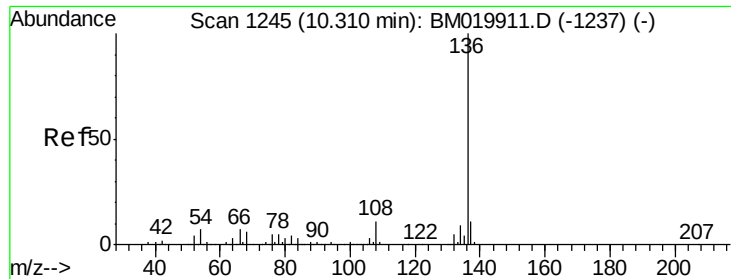
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#20
3+4-Methylphenols
Concen: 6.003 ng
RT: 8.33 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	67.4	107.4	
77	38.1	19.7	59.7	
79	33.8	14.1	54.1	





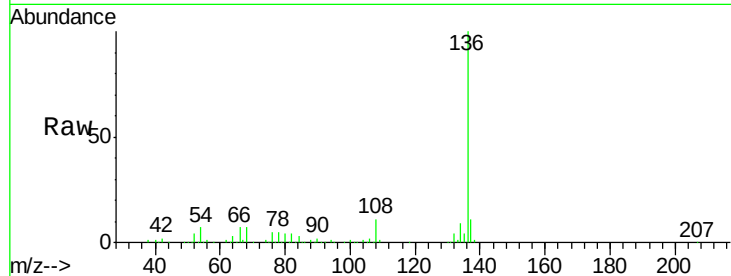
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

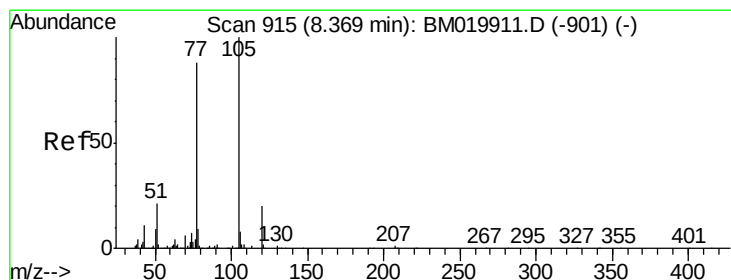
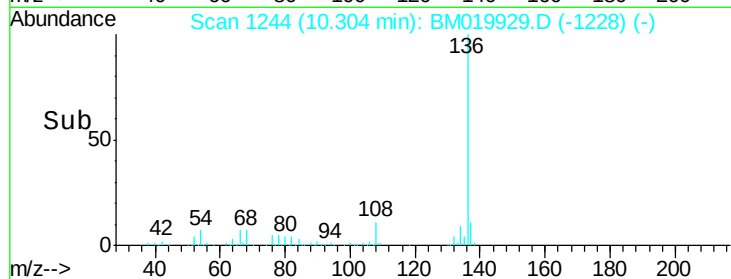
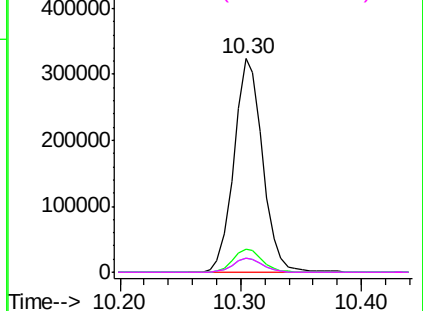
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	535101		
137	10.8	9.0	13.6	
54	6.6	5.3	7.9	
68	6.6	5.2	7.8	

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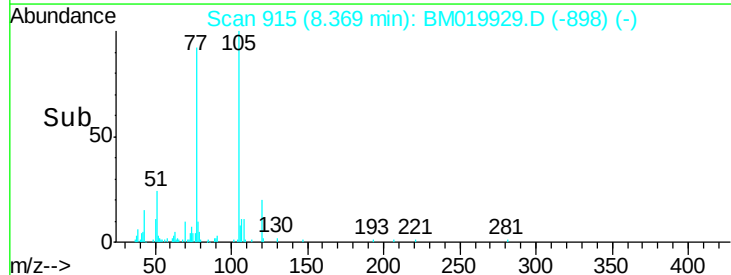
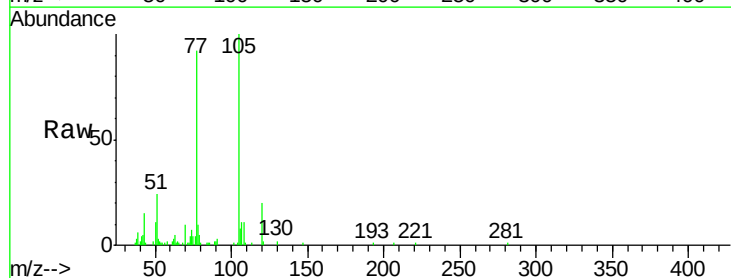
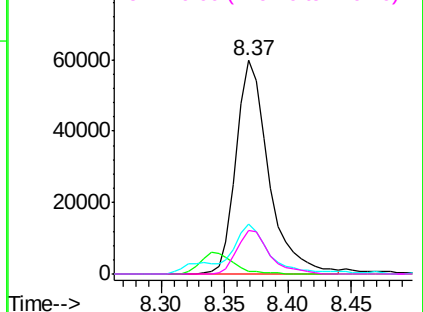
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

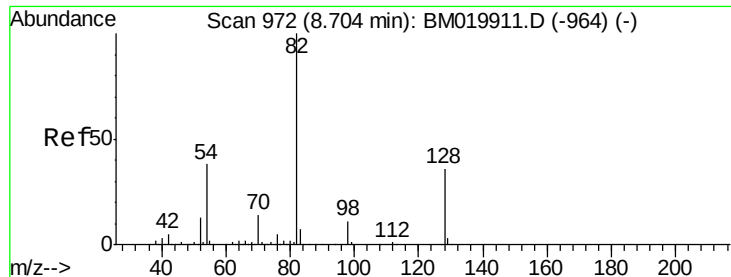


#22
Acetophenone
Concen: 7.348 ng
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	107095		
71	1.4	0.8	1.2#	
51	23.6	16.9	25.3	
120	20.1	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





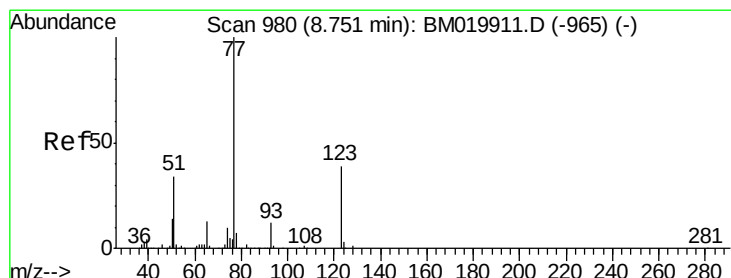
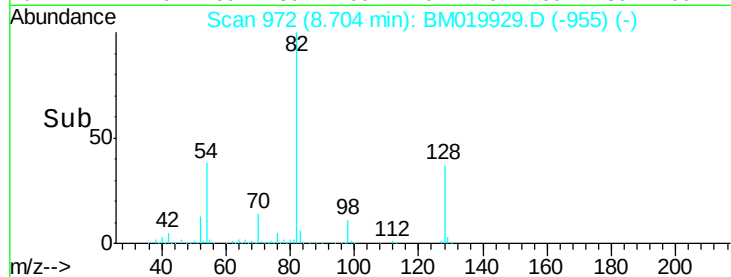
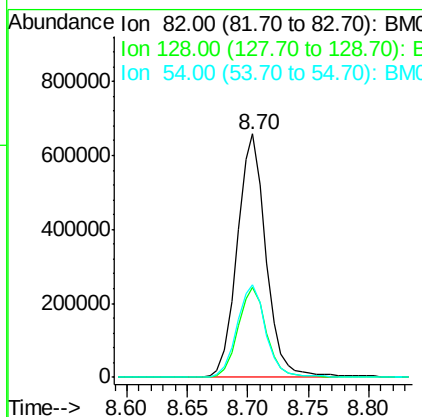
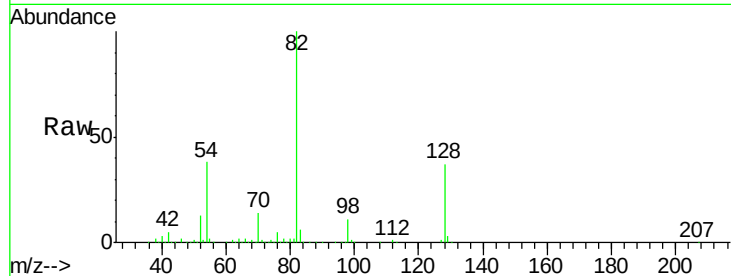
#23
 Nitrobenzene-d5
 Concen: 91.073 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.0	43.4
54	38.1	30.2	45.4

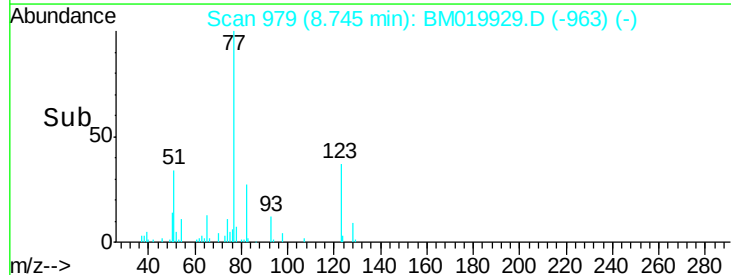
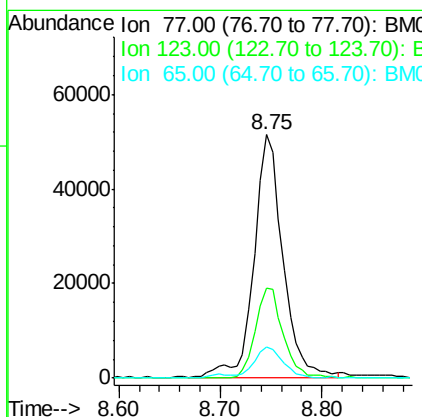
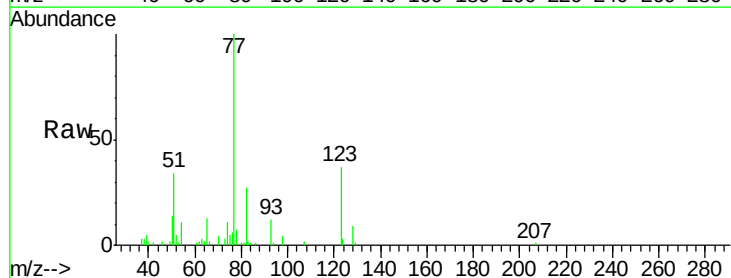
Manual Integrations
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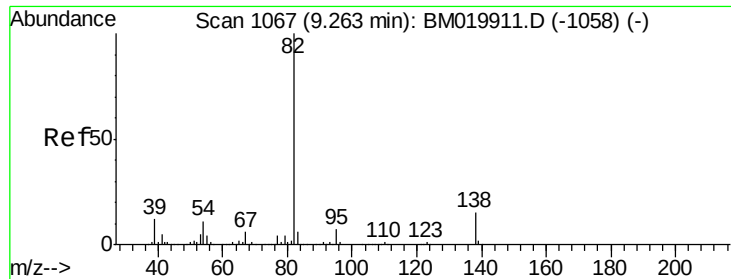
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#24
 Nitrobenzene
 Concen: 8.292 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	31.0	46.4
65	12.6	10.6	16.0





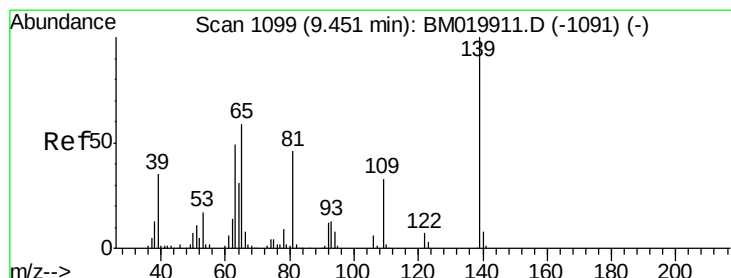
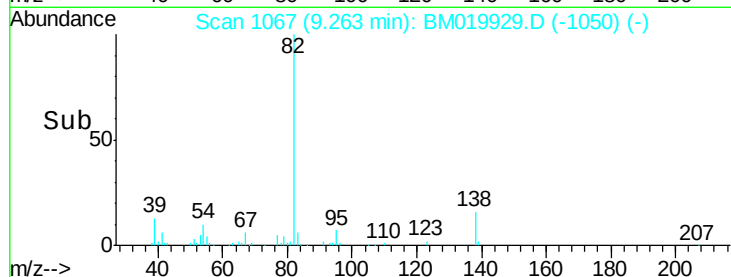
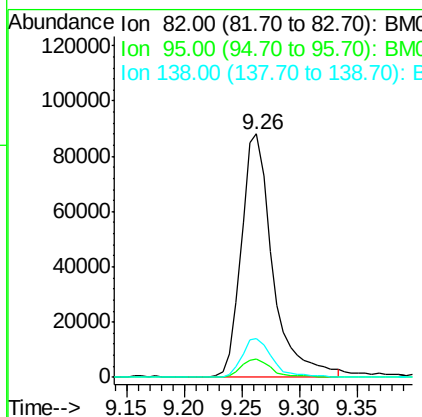
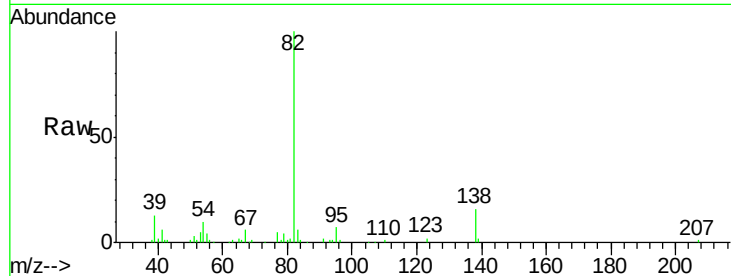
#25
Isophorone
Concen: 7.157 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	166690		
95	7.4	5.5	8.3	
138	16.2	12.2	18.2	

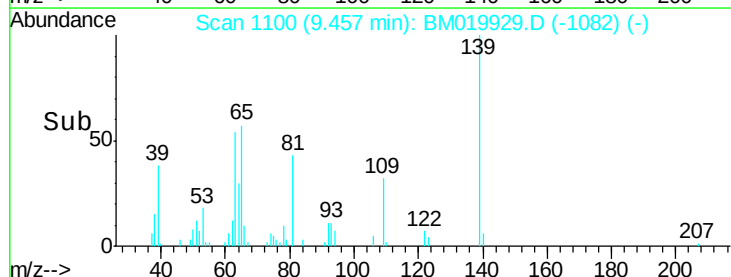
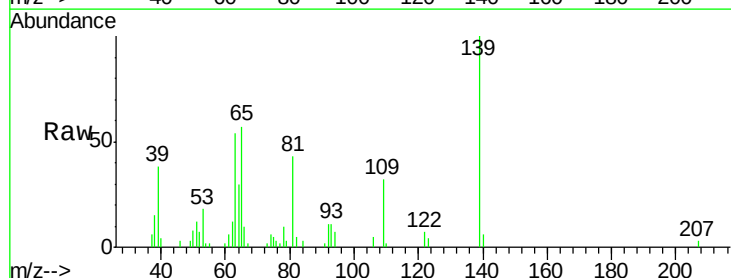
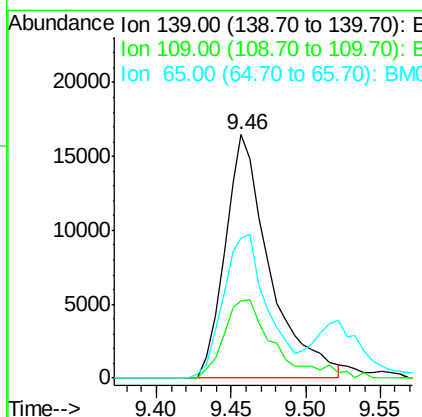
Manual Integrations
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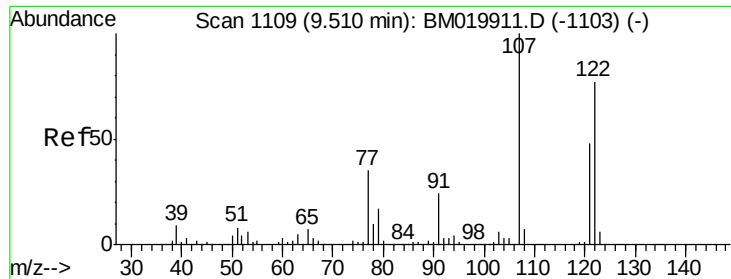
Sohil
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#26
2-Nitrophenol
Concen: 6.498 ng
RT: 9.46 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	34324		
109	31.6	26.3	39.5	
65	57.4	47.4	71.2	





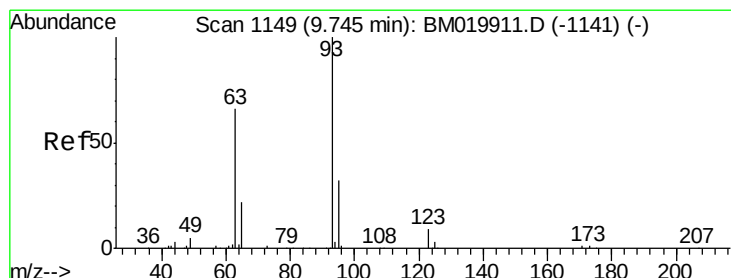
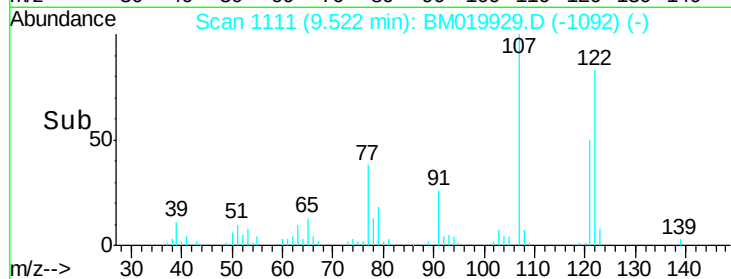
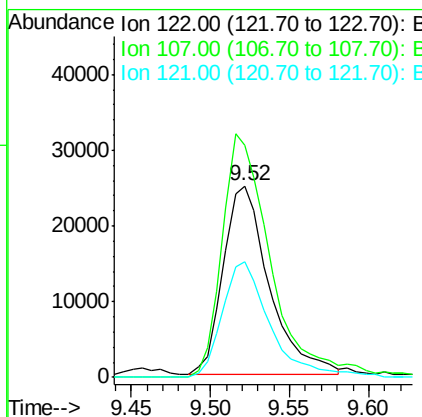
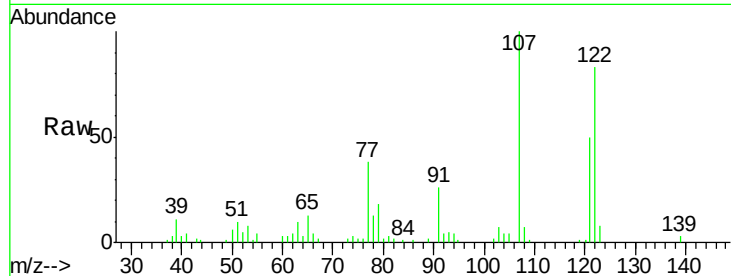
#27
 2,4-Dimethylphenol
 Concen: 6.754 ng
 RT: 9.52 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.1	103.1	154.7
121	60.0	49.8	74.8

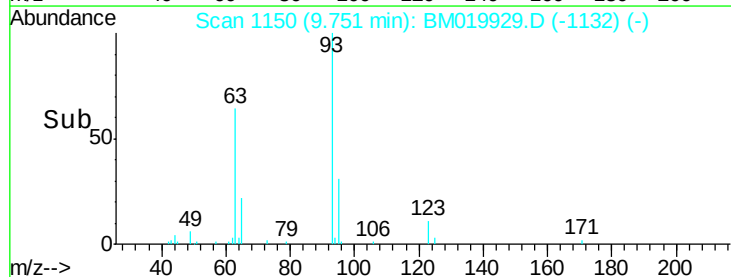
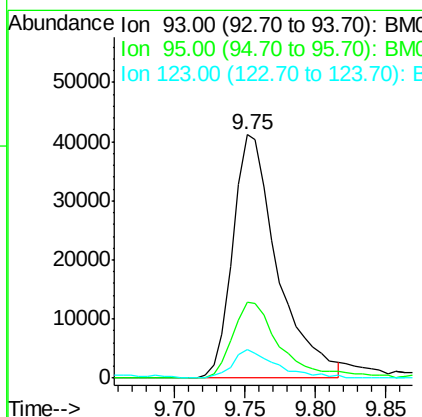
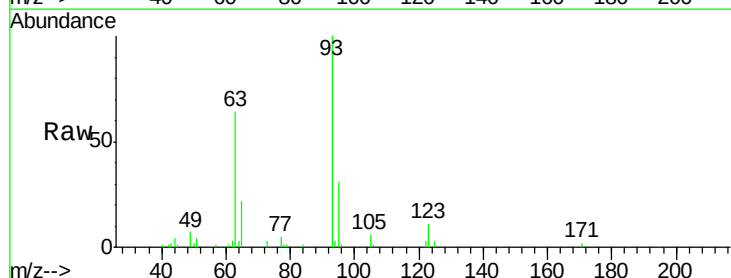
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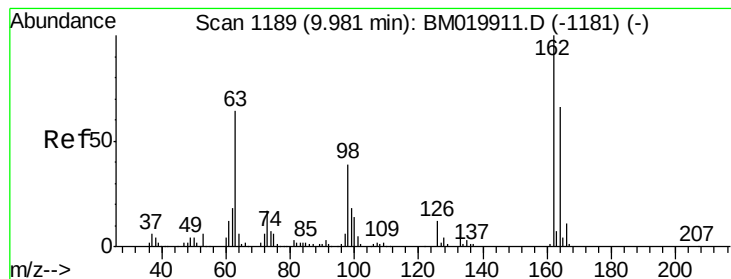
Sohil
 4/17/2019 4:05:12 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.988 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.8	38.8
123	11.5	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 6.802 ng m

RT: 10.01 min Scan# 1194

Delta R.T. 0.03 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

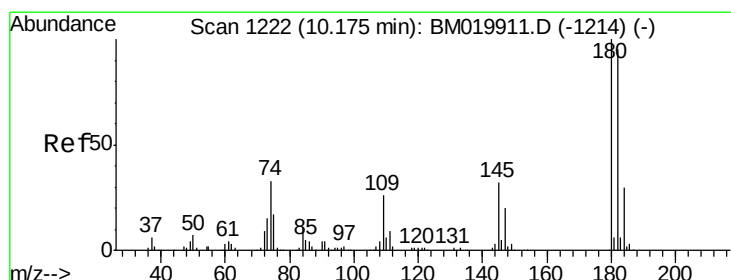
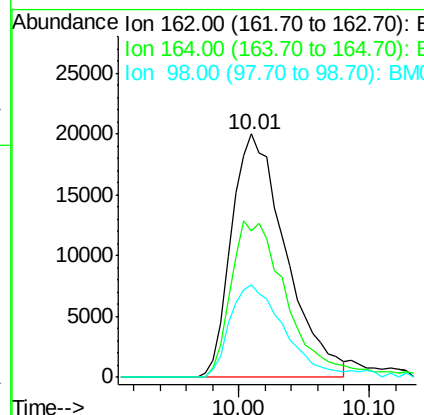
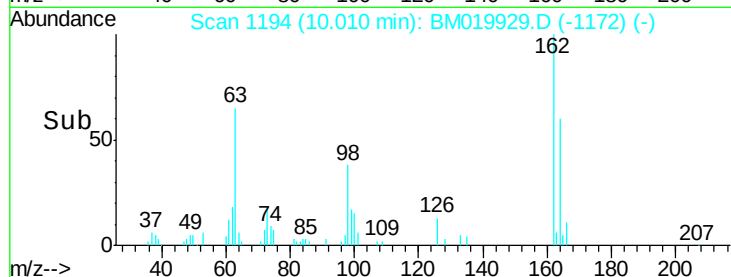
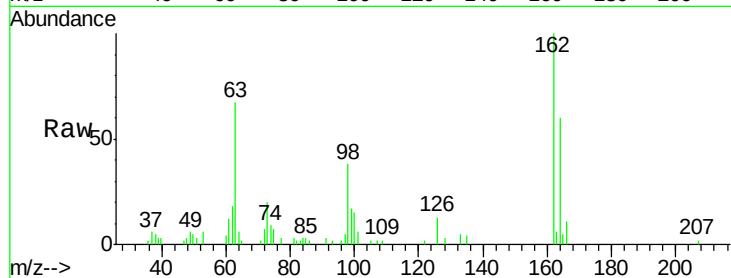
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	162	Resp:	57694
Ion Ratio	Lower	Upper	
162	100		
164	59.9	46.3	86.3
98	38.1	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 7.521 ng

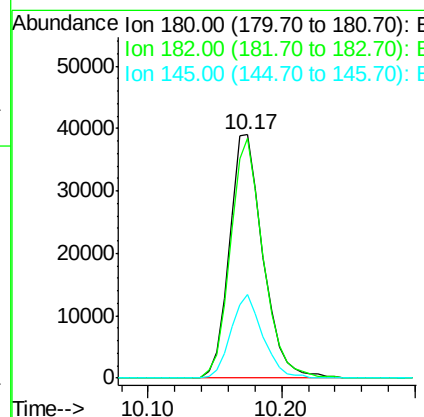
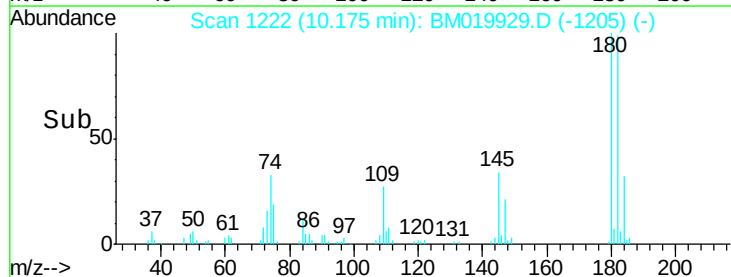
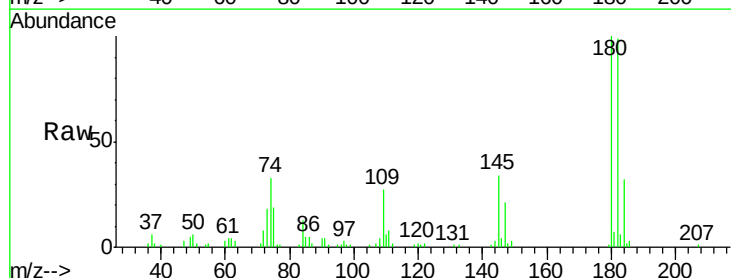
RT: 10.17 min Scan# 1222

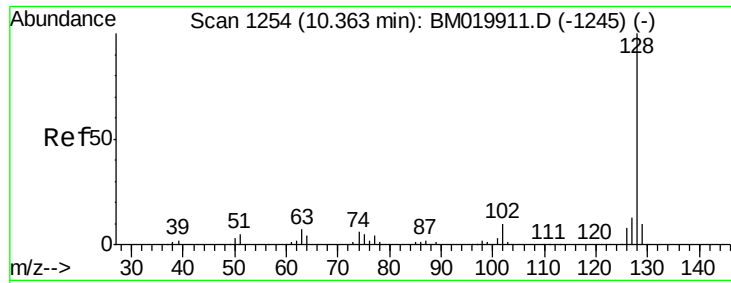
Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	180	Resp:	68663
Ion Ratio	Lower	Upper	
180	100		
182	98.6	76.3	114.5
145	34.4	25.5	38.3





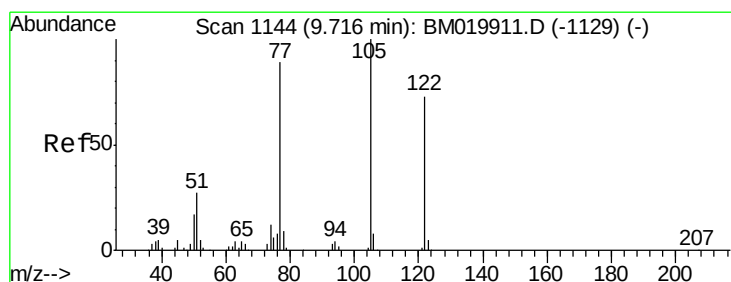
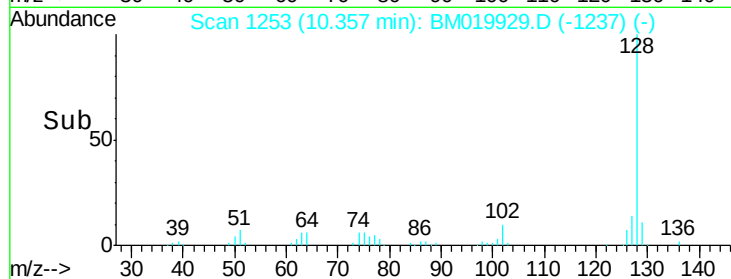
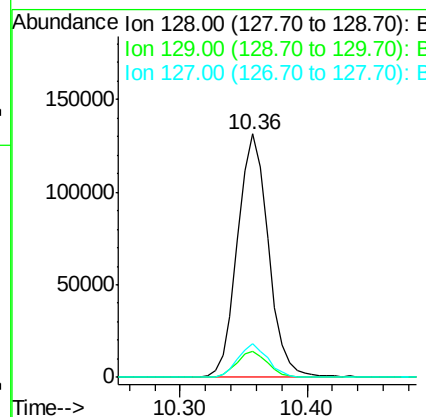
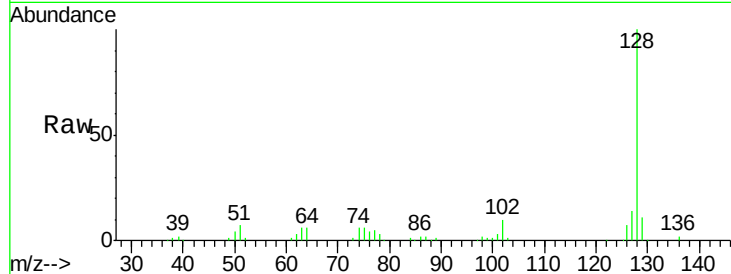
#31
Naphthalene
Concen: 7.729 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	221832		
129	10.8	8.3	12.5	
127	13.8	10.4	15.6	

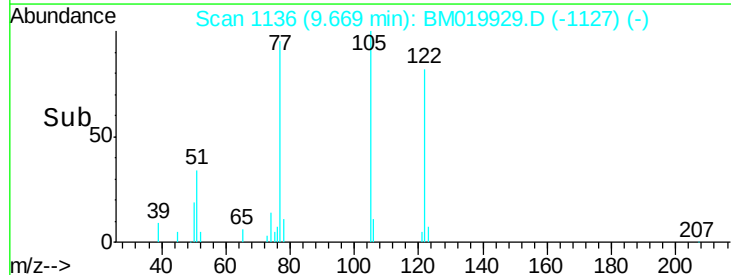
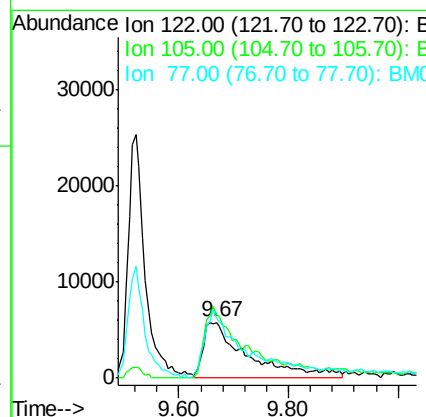
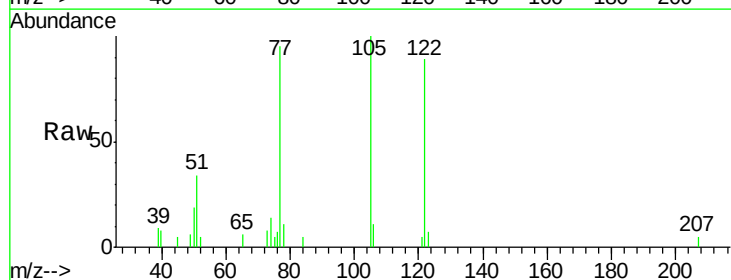
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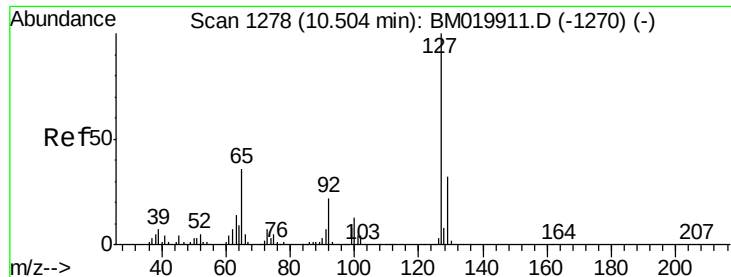
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#32
Benzoic acid
Concen: 9.275 ng m
RT: 9.67 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33050		
105	111.9	114.8	154.8#	
77	106.6	100.2	140.2	





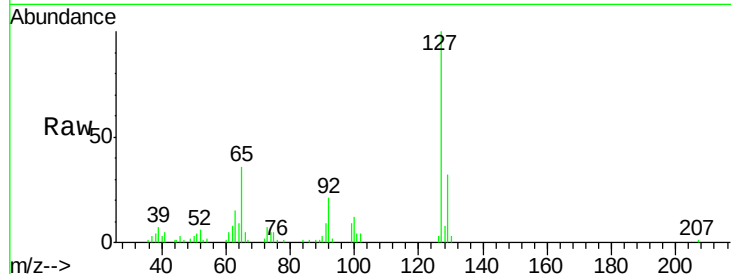
#33
4-Chloroaniline
Concen: 6.592 ng
RT: 10.52 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

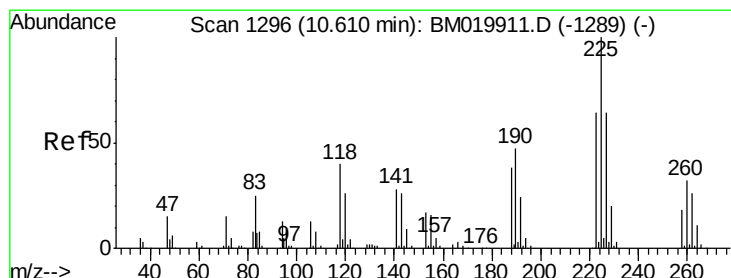
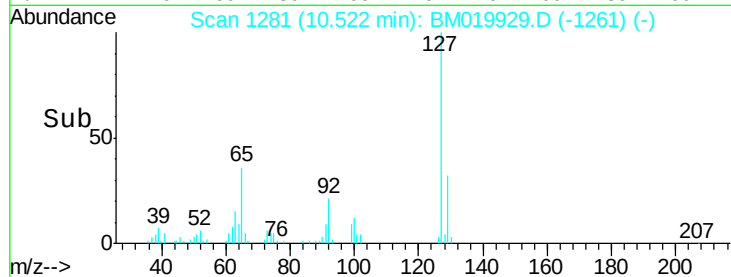
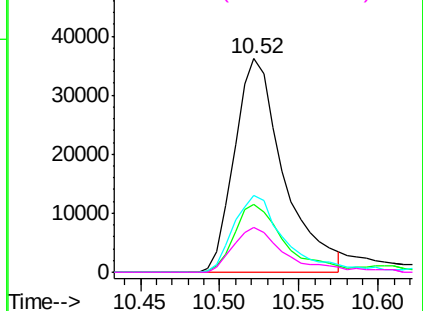
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	77947		
129	32.1	25.4	38.0	
65	35.9	29.2	43.8	
92	20.9	17.5	26.3	

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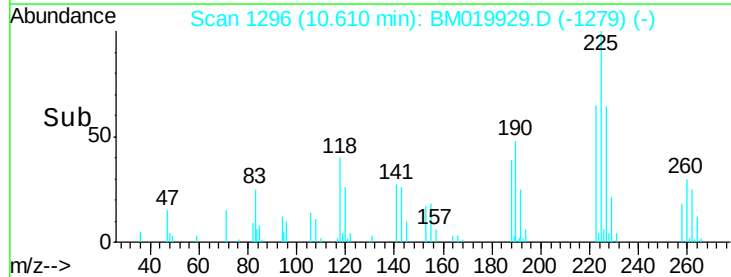
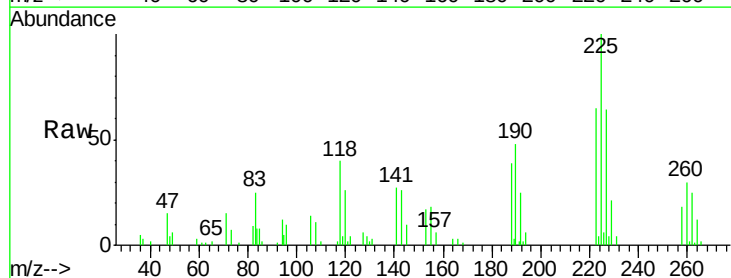
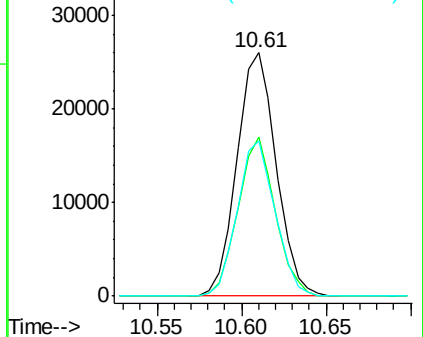
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

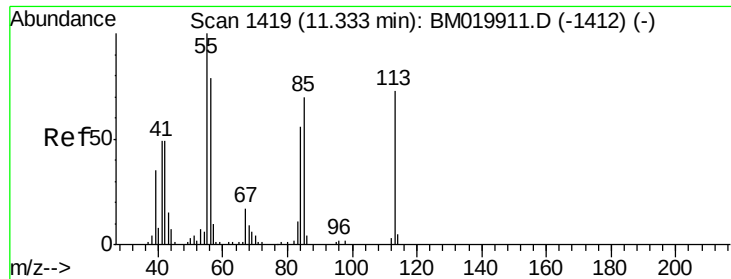


#34
Hexachlorobutadiene
Concen: 7.828 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42147		
223	65.3	51.4	77.2	
227	63.8	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





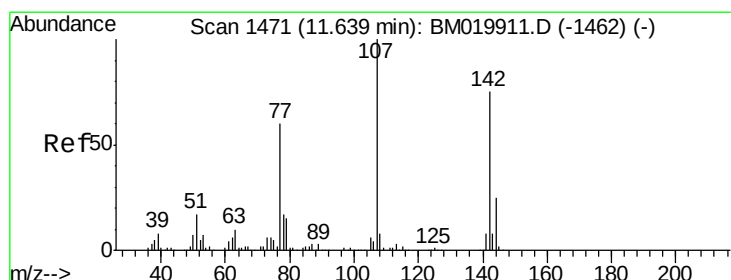
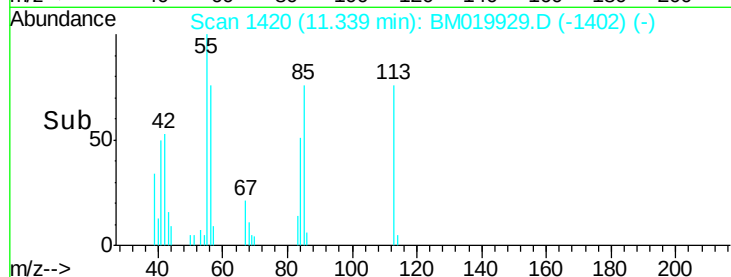
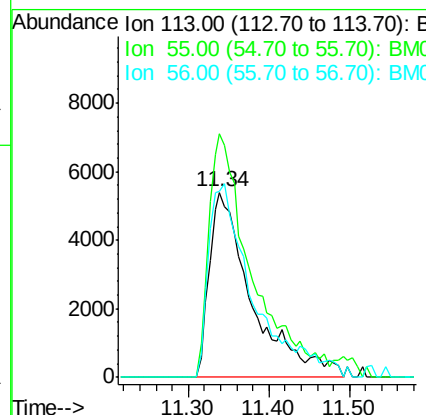
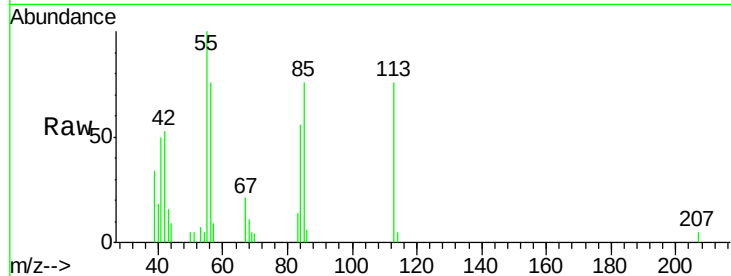
#35
 Caprolactam
 Concen: 6.195 ng m
 RT: 11.34 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion:113 Resp: 19889
 Ion Ratio Lower Upper
 113 100
 55 131.4 117.1 157.1
 56 100.3 88.2 128.2

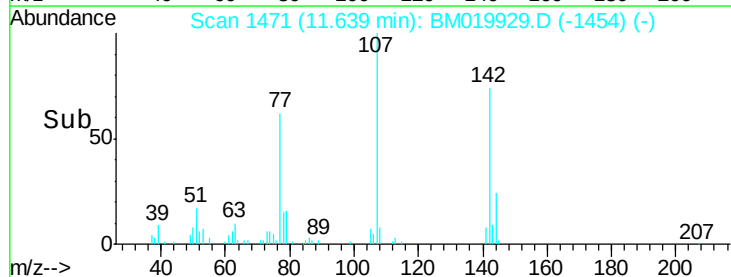
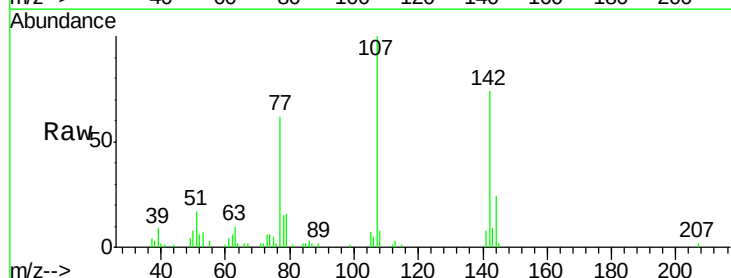
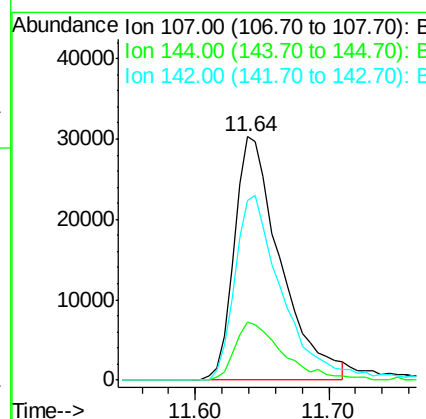
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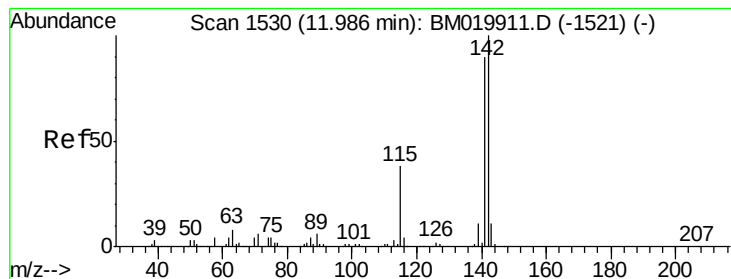
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#36
 4-Chloro-3-methylphenol
 Concen: 6.919 ng
 RT: 11.64 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion:107 Resp: 72924
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.8 29.8
 142 73.6 60.3 90.5





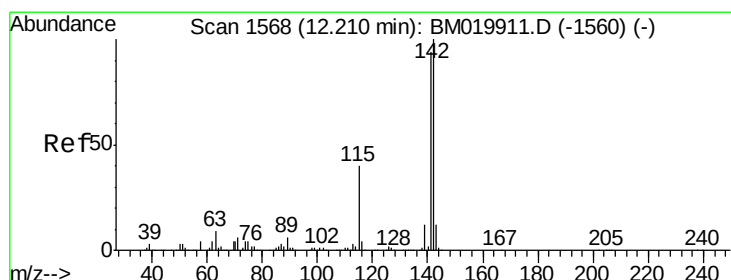
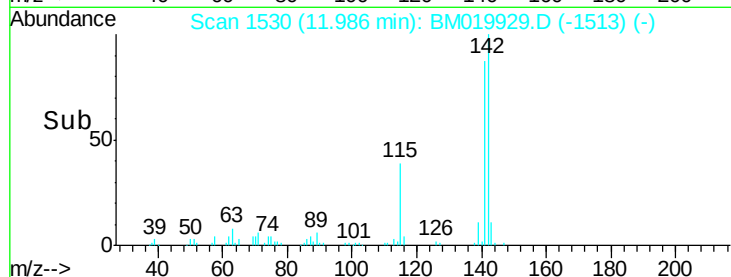
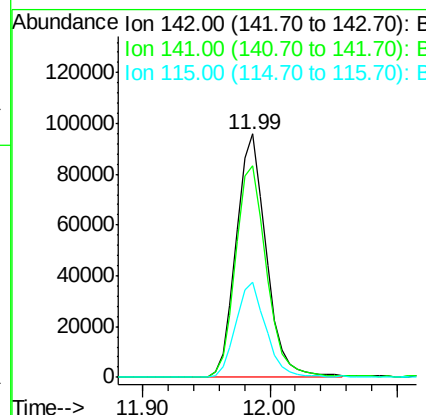
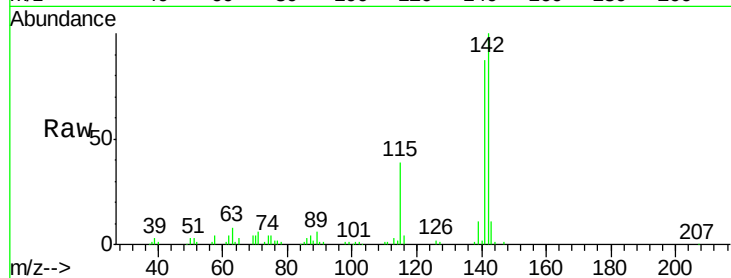
#37
 2-Methylnaphthalene
 Concen: 7.550 ng
 RT: 11.99 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	157771		
141	87.1	72.3	108.5	
115	39.3	30.5	45.7	

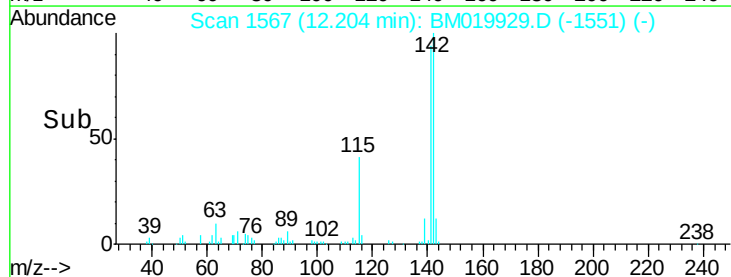
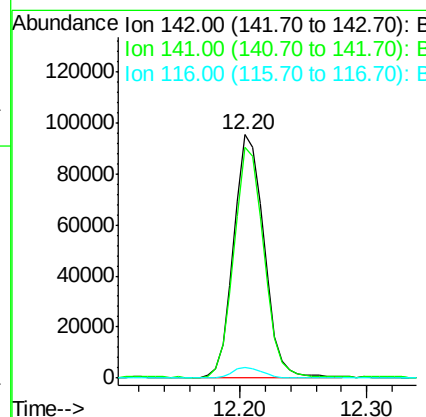
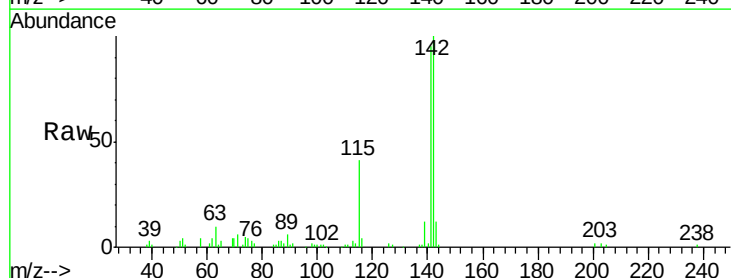
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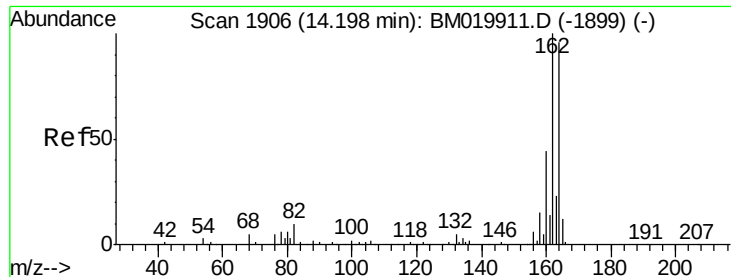
Sohil
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#38
 1-Methylnaphthalene
 Concen: 7.675 ng
 RT: 12.20 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	158347		
141	94.6	75.7	113.5	
116	4.4	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: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

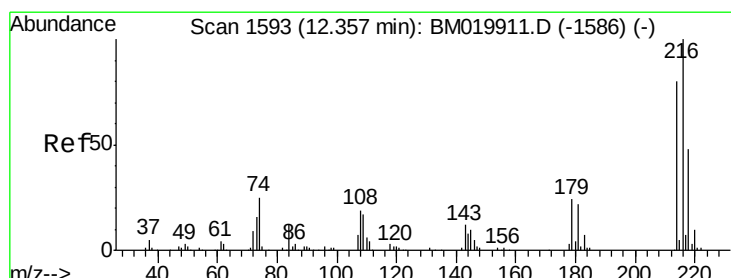
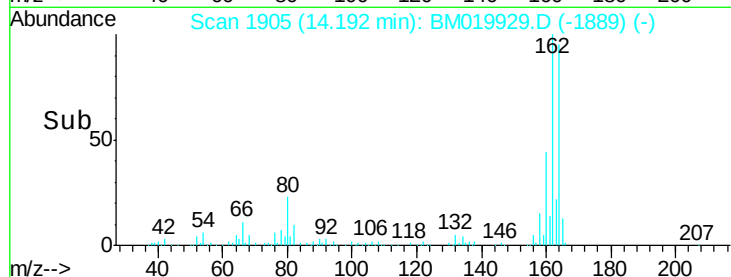
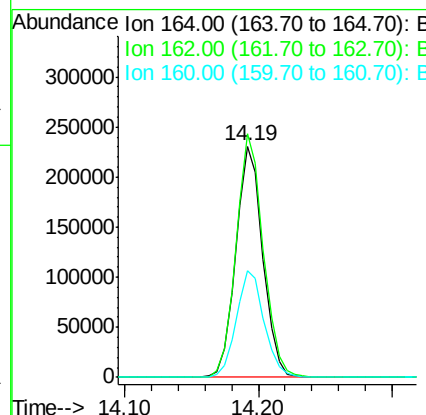
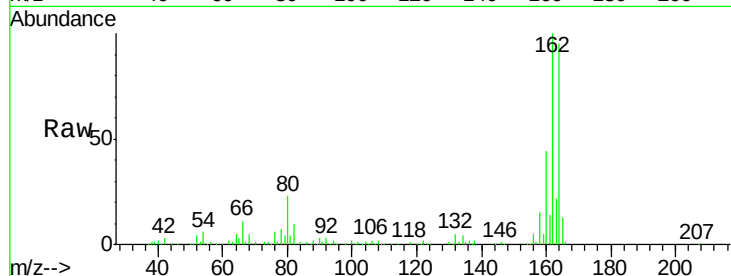
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt	Ion	164	Resp:	323891
Ion	Ratio	Lower	Upper	
164	100			
162	105.4	83.0	124.4	
160	46.3	36.6	55.0	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.580 ng

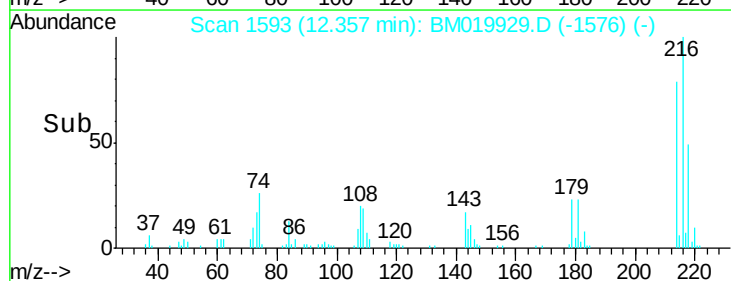
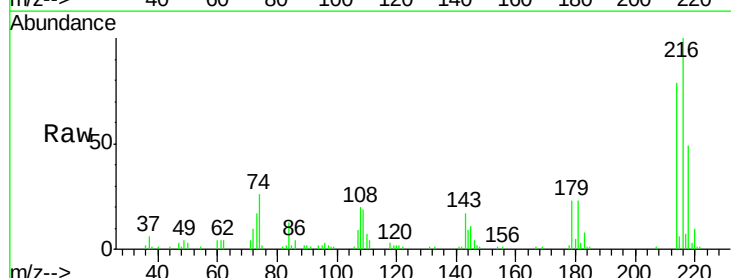
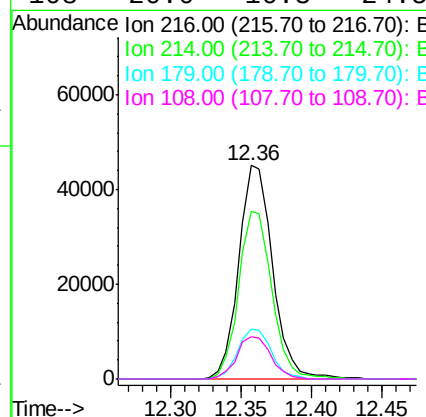
RT: 12.36 min Scan# 1593

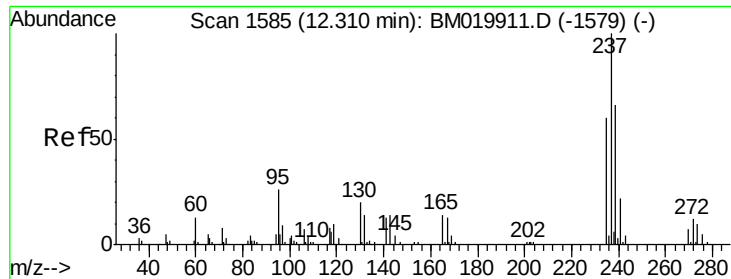
Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt	Ion	216	Resp:	75742
Ion	Ratio	Lower	Upper	
216	100			
214	77.1	63.1	94.7	
179	23.0	19.0	28.6	
108	20.0	16.3	24.5	





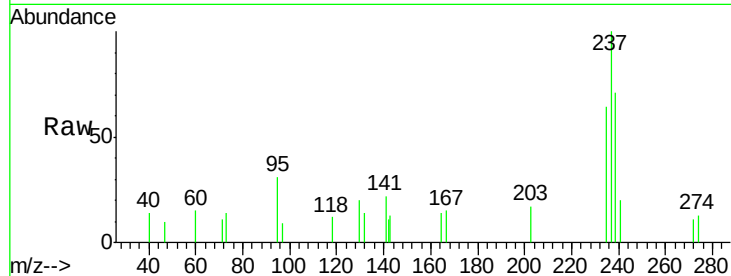
#41
Hexachlorocyclopentadiene
Concen: 12.837 ng
RT: 12.31 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

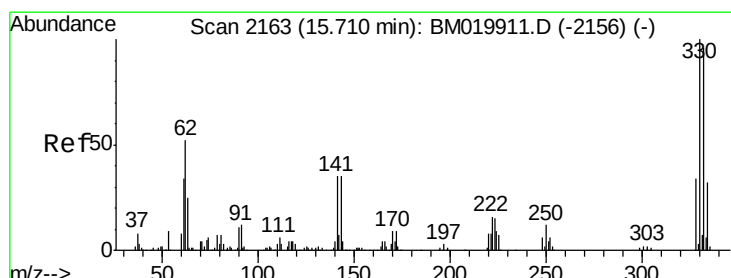
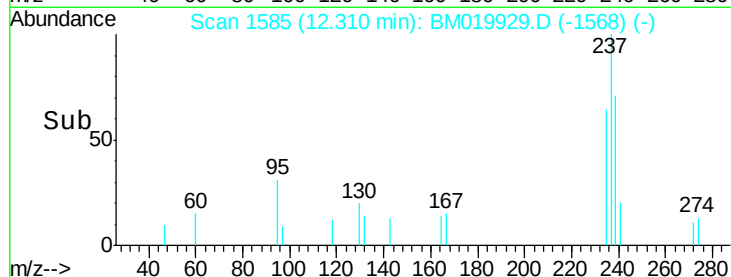
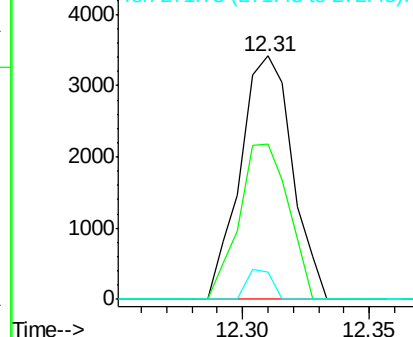
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.6	40.4	80.4
272	10.9	0.0	32.3

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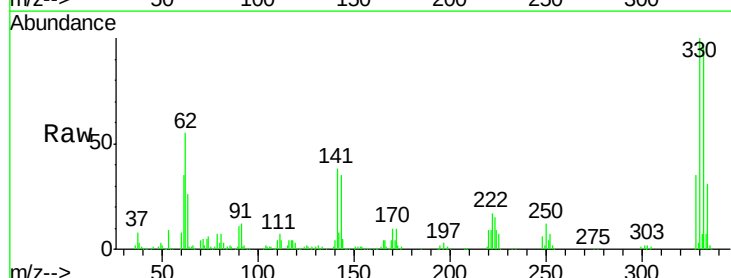


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

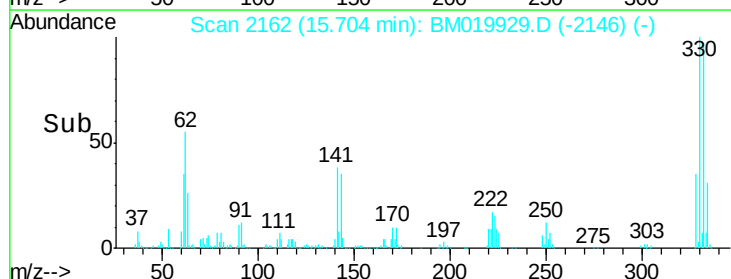
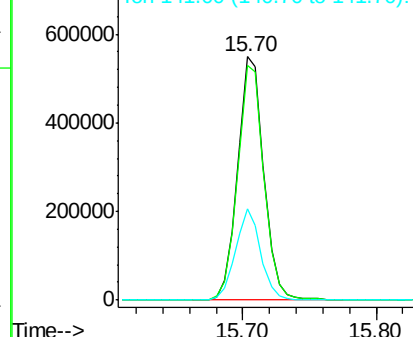


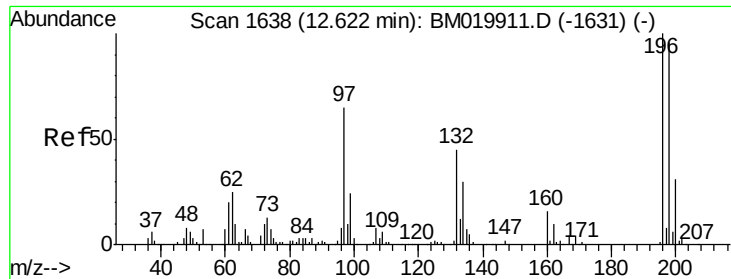
#42
2,4,6-Tribromophenol
Concen: 144.298 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.1	77.4	116.2
141	36.3	29.0	43.4



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





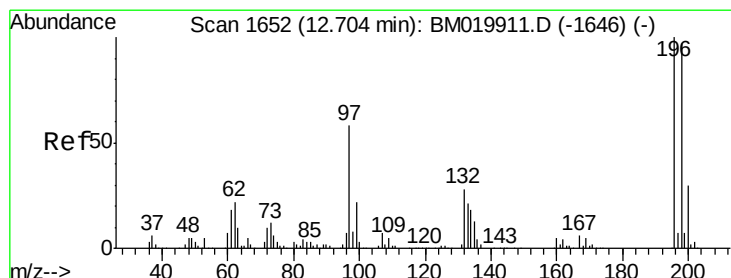
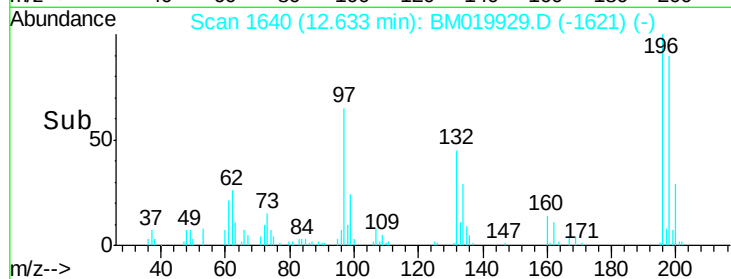
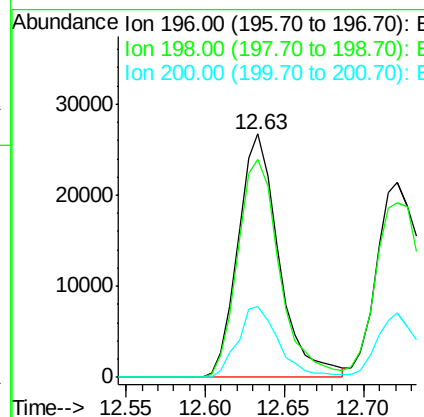
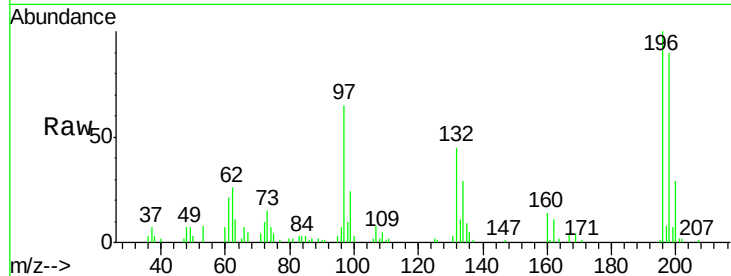
#43
 2,4,6-Trichlorophenol
 Concen: 7.068 ng
 RT: 12.63 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47881		
198	89.8	76.8	115.2	
200	28.9	24.6	37.0	

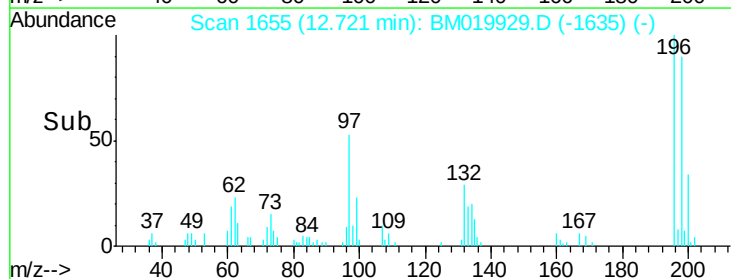
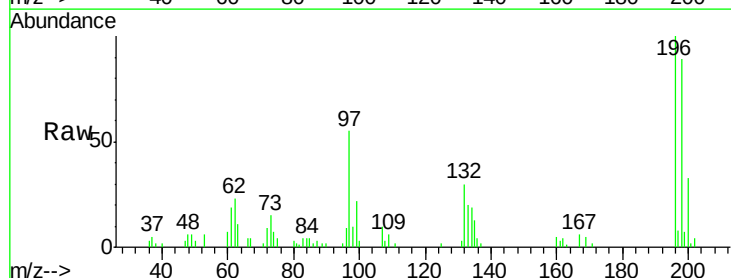
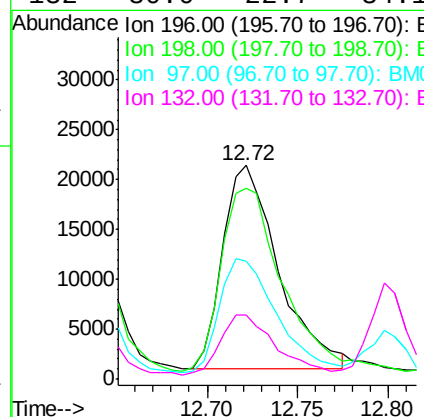
Manual Integrations
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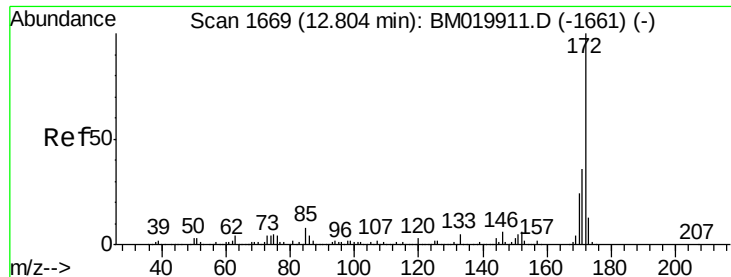
Sohil
 4/17/2019 4:05:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 6.171 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. 0.02 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43510		
198	89.2	77.8	116.8	
97	54.9	46.2	69.2	
132	30.0	22.7	34.1	





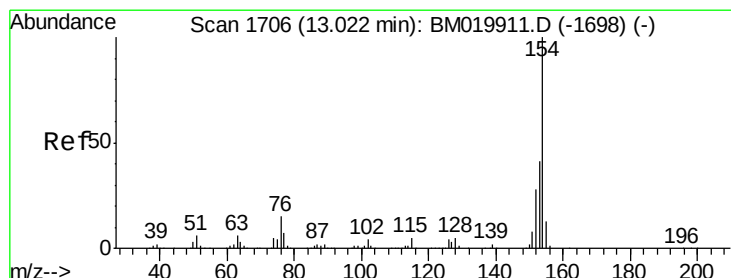
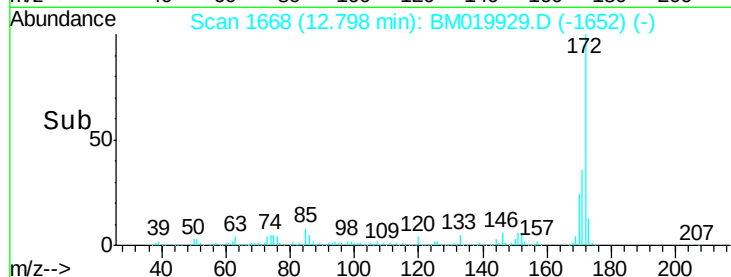
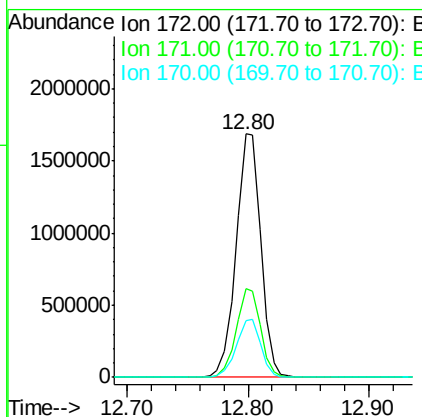
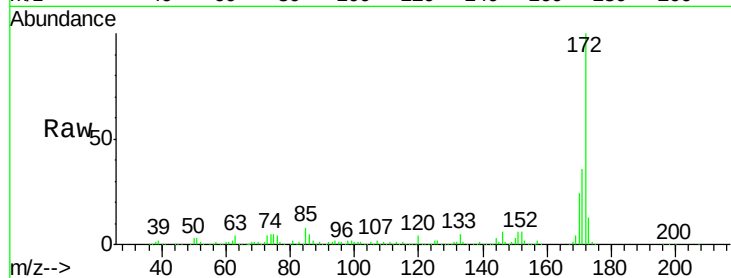
#45
2-Fluorobiphenyl
Concen: 92.885 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion:172 Resp: 2414035
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.5 19.0 28.4

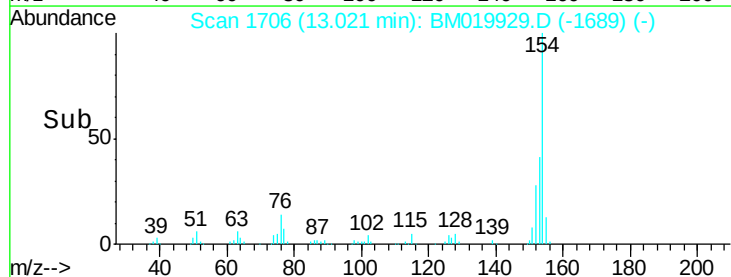
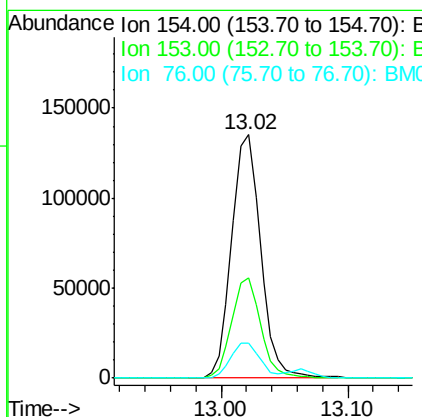
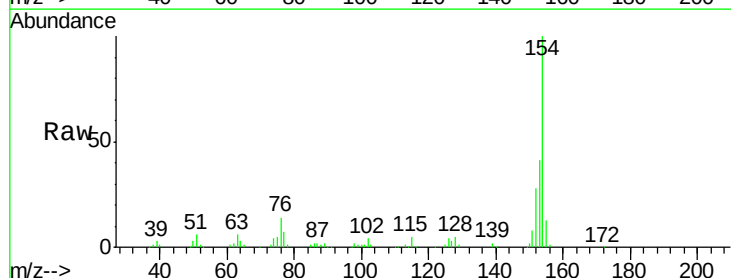
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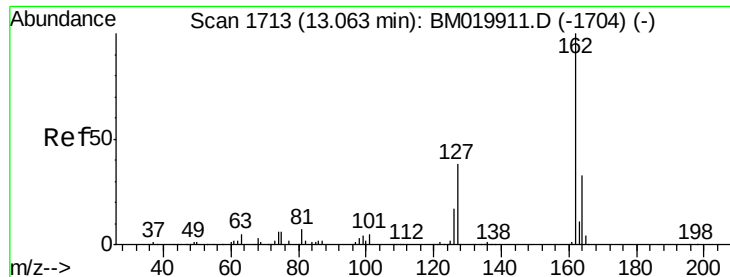
Sohil
4/17/2019 4:05:12 PM



#46
1,1'-Biphenyl
Concen: 7.683 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion:154 Resp: 215543
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 14.5 0.0 34.8





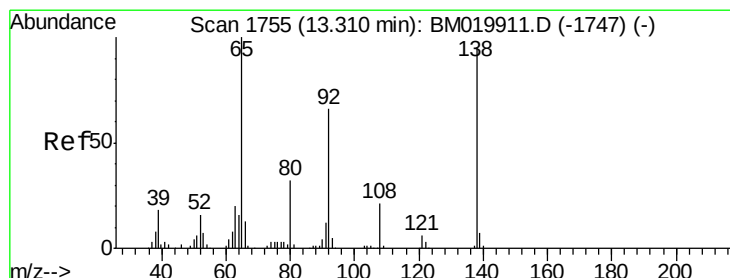
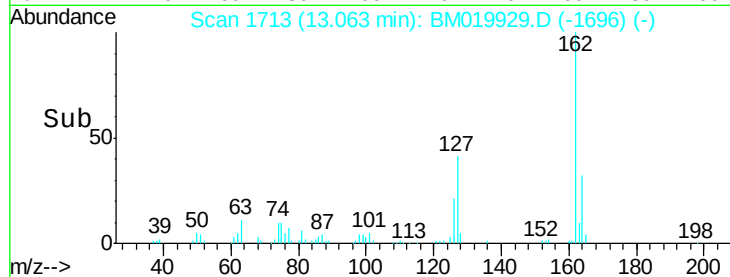
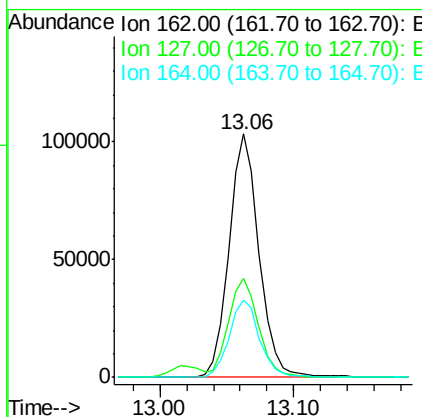
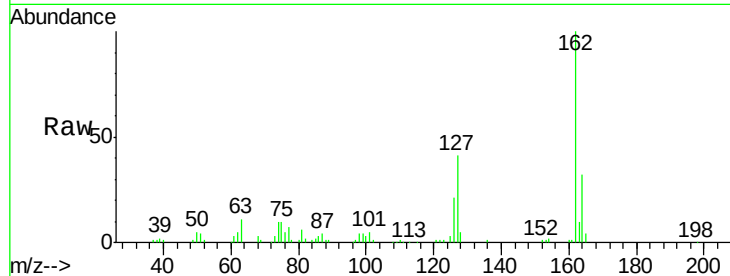
#47
 2-Chloronaphthalene
 Concen: 7.552 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	161591		
127	40.6	32.3	48.5	
164	31.5	26.3	39.5	

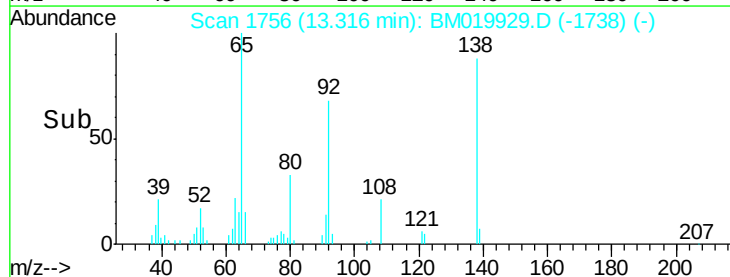
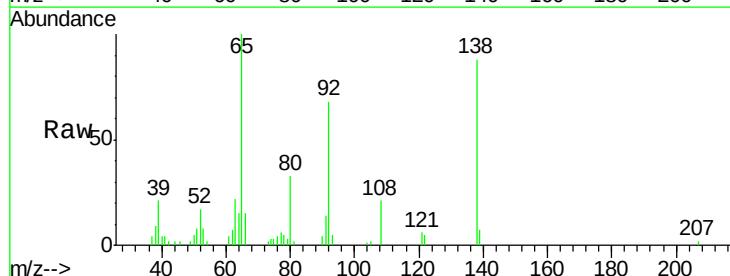
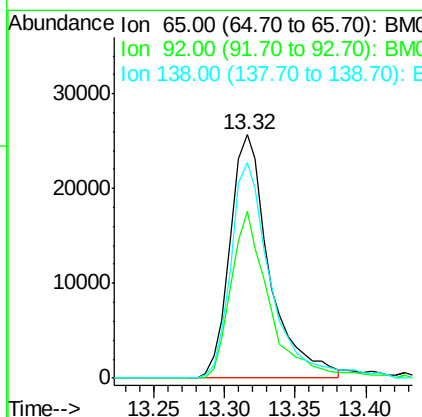
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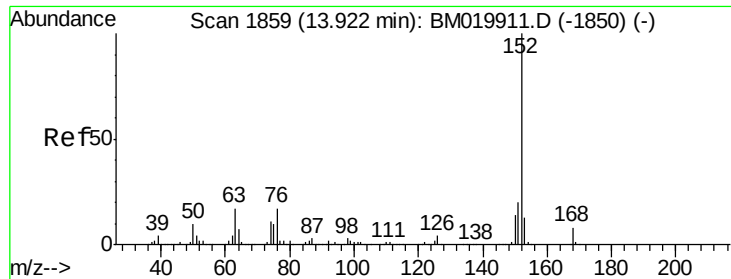
Sohil
 4/17/2019 4:05:12 PM



#48
 2-Nitroaniline
 Concen: 6.506 ng
 RT: 13.32 min Scan# 1756
 Delta R.T. 0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	50184		
92	68.3	52.9	79.3	
138	88.3	75.8	113.6	





#49

Acenaphthylene

Concen: 7.404 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

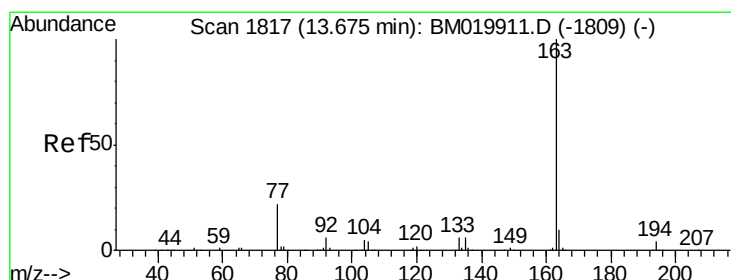
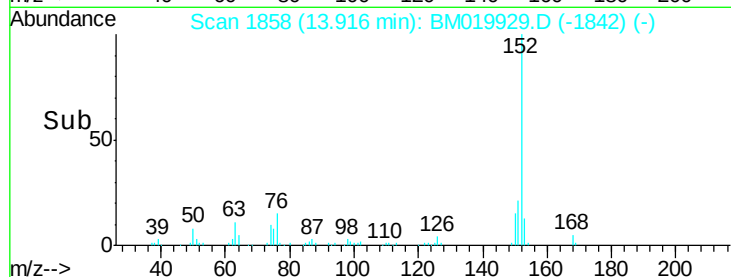
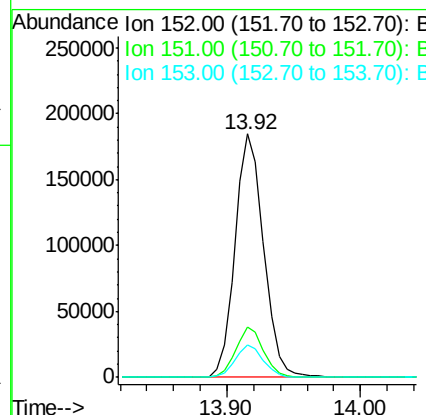
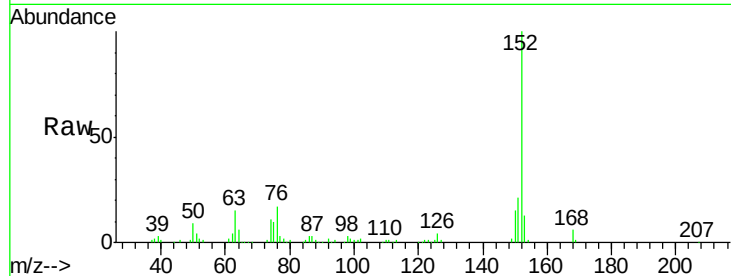
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	152	Resp:	275666
Ion Ratio		Lower	Upper
152	100		
151	20.7	16.2	24.2
153	13.1	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 7.654 ng

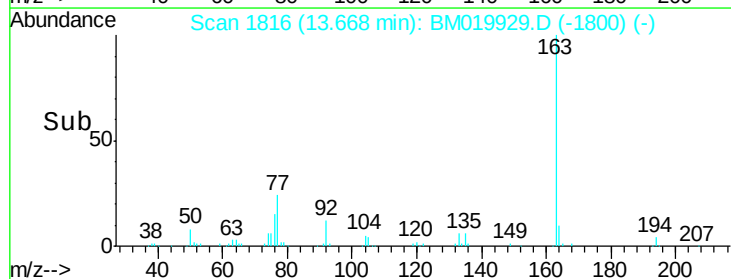
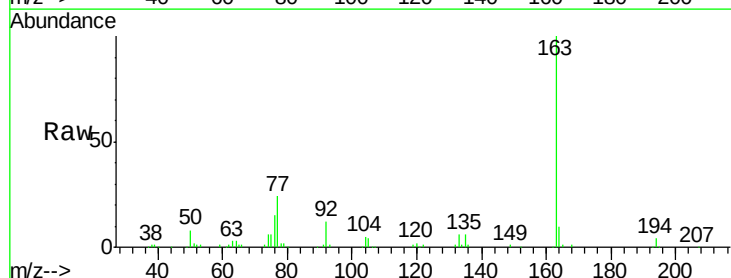
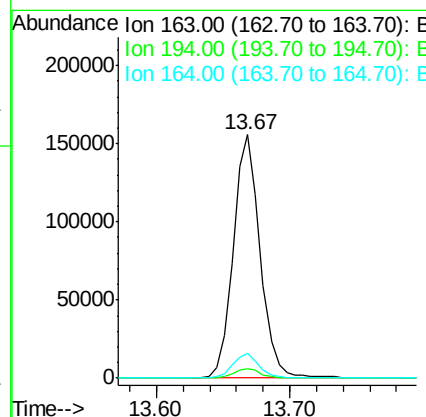
RT: 13.67 min Scan# 1816

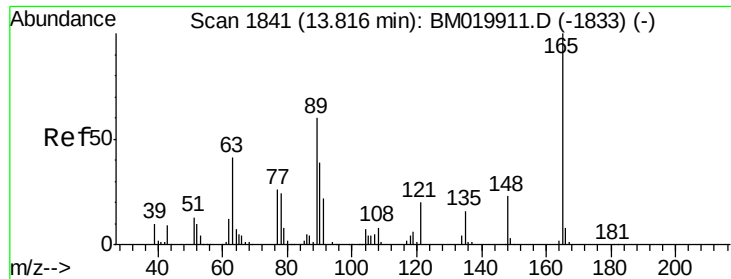
Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	163	Resp:	218658
Ion Ratio		Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.0	7.9	11.9





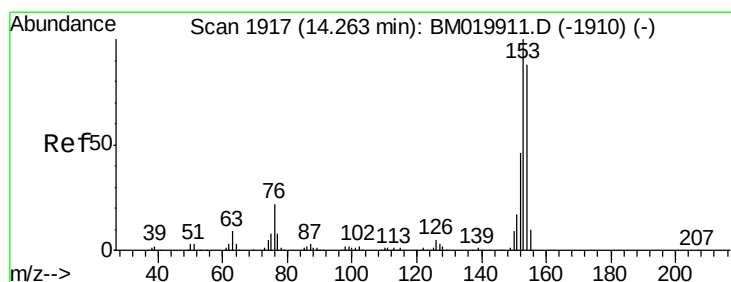
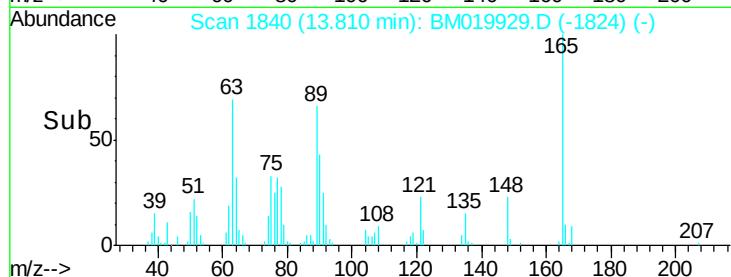
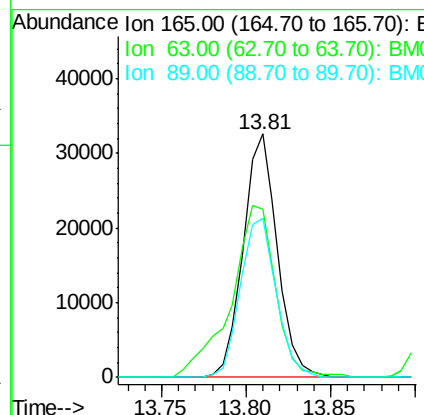
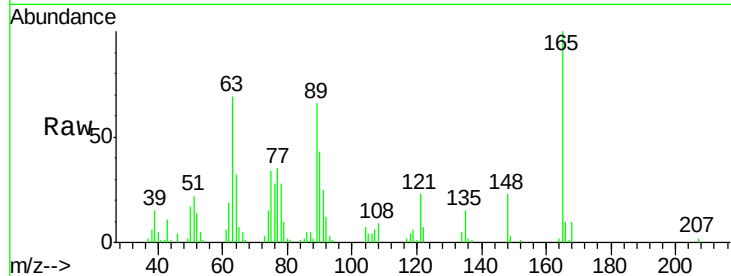
#51
 2,6-Dinitrotoluene
 Concen: 7.224 ng
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45637		
63	69.2	48.5	72.7	
89	65.5	48.2	72.4	

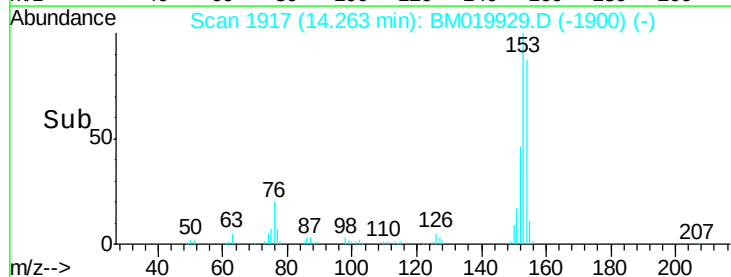
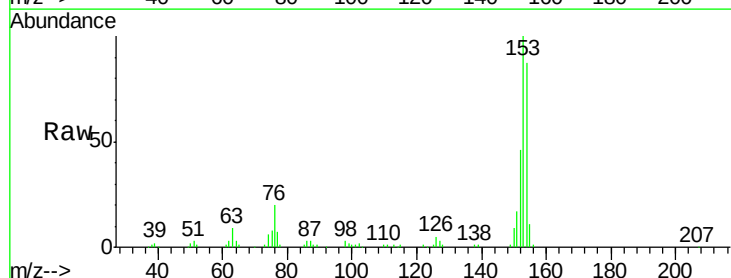
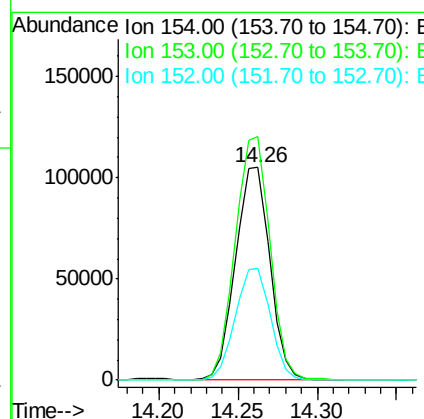
Manual Integrations
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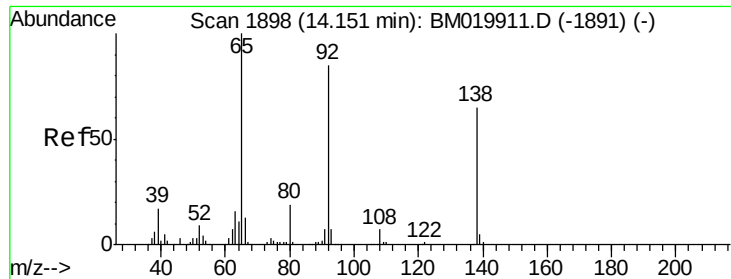
Sohil
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#52
 Acenaphthene
 Concen: 7.686 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	158670		
153	114.4	91.0	136.4	
152	52.4	42.2	63.2	





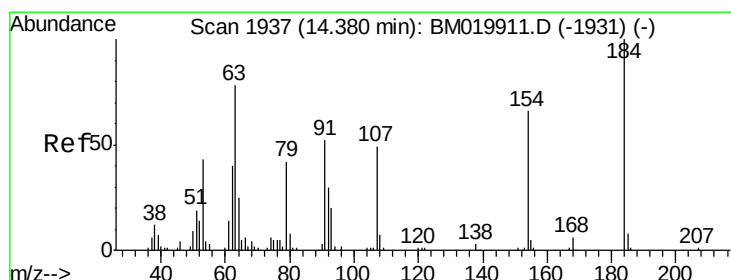
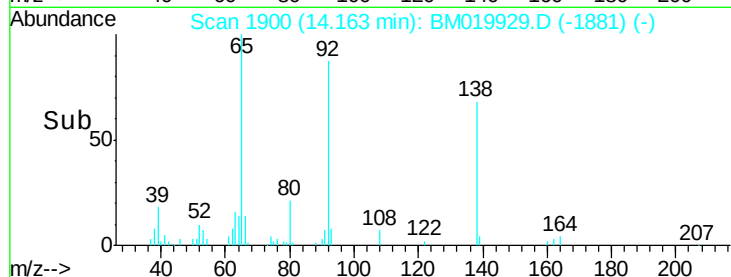
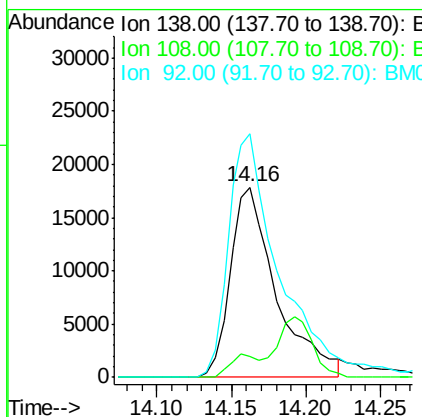
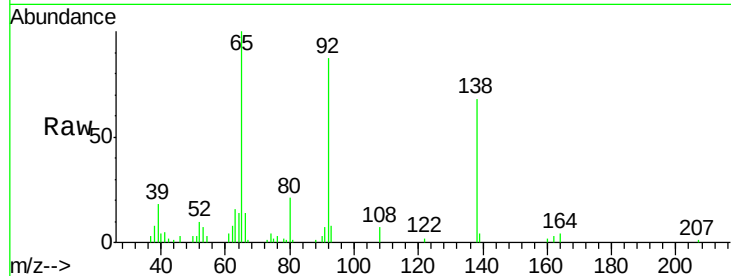
#53
3-Nitroaniline
Concen: 6.098 ng
RT: 14.16 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion:138 Resp: 38467
Ion Ratio Lower Upper
138 100
108 11.0 8.9 13.3
92 128.0 103.8 155.8

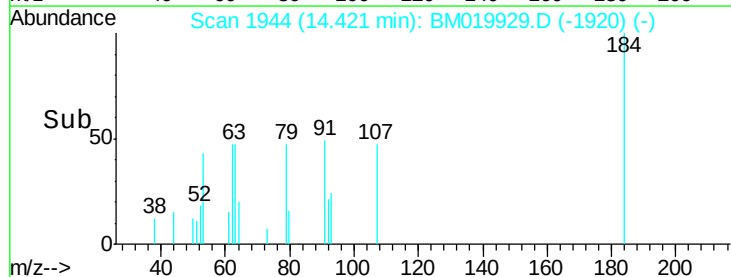
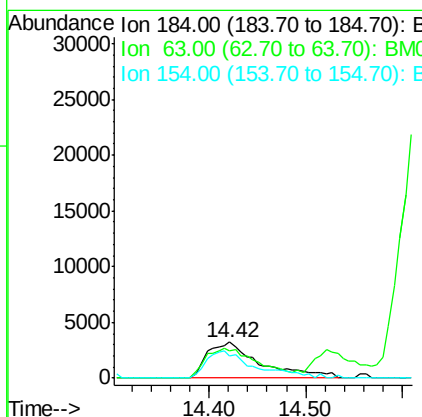
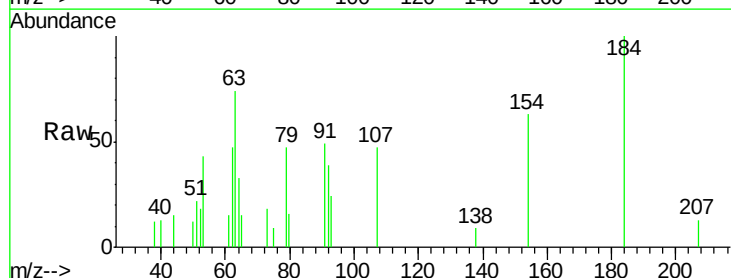
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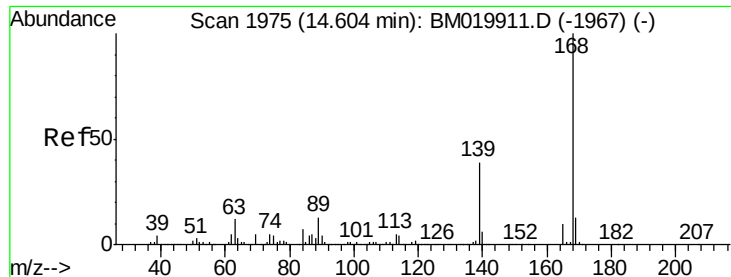
Sohil
4/17/2019 4:05:12 PM



#54
2,4-Dinitrophenol
Concen: 10.425 ng m
RT: 14.42 min Scan# 1944
Delta R.T. 0.04 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion:184 Resp: 12262
Ion Ratio Lower Upper
184 100
63 74.4 62.3 93.5
154 63.0 53.0 79.6





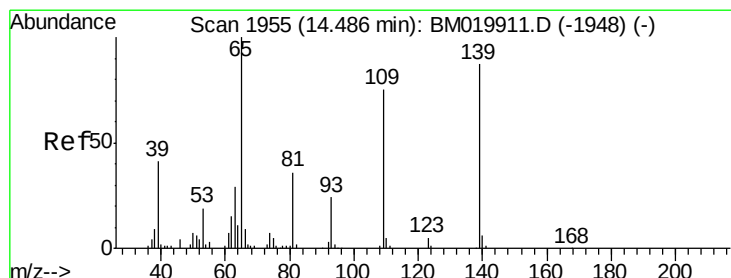
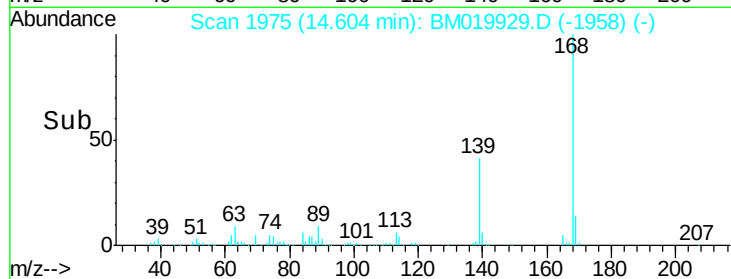
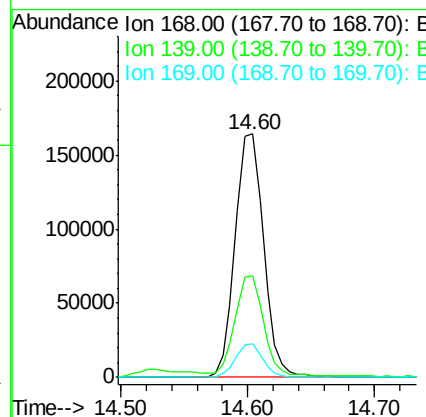
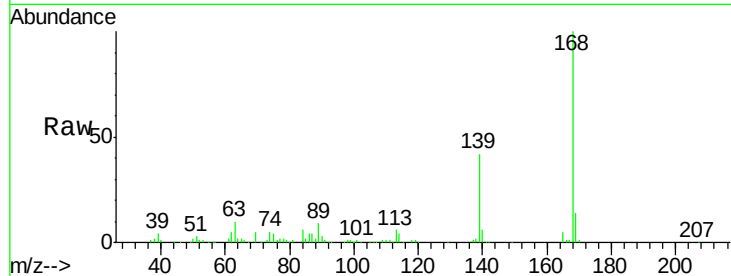
#55
Dibenzenofuran
Concen: 7.563 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	255287		
139	41.6	31.5	47.3	
169	13.6	10.6	16.0	

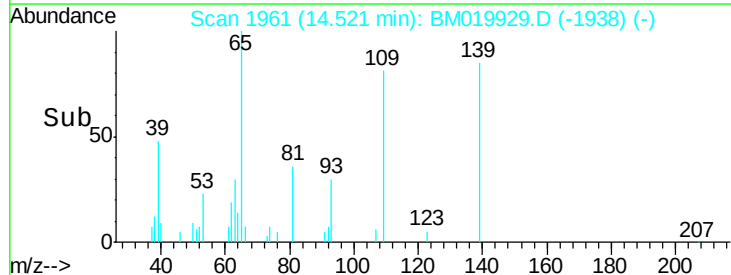
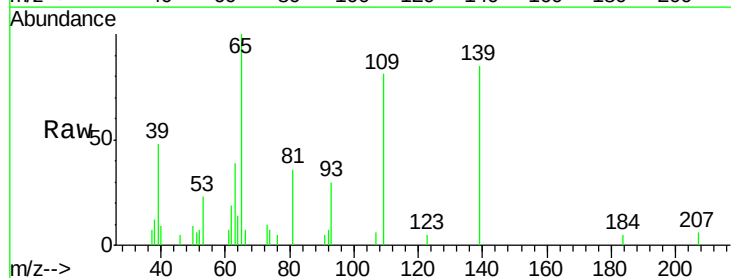
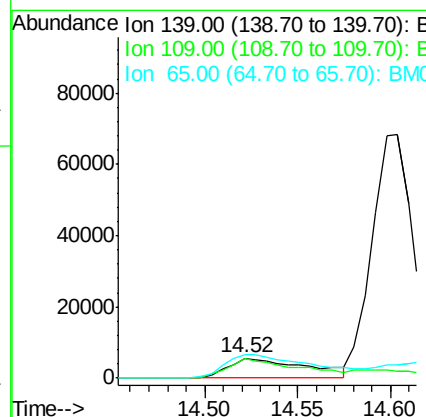
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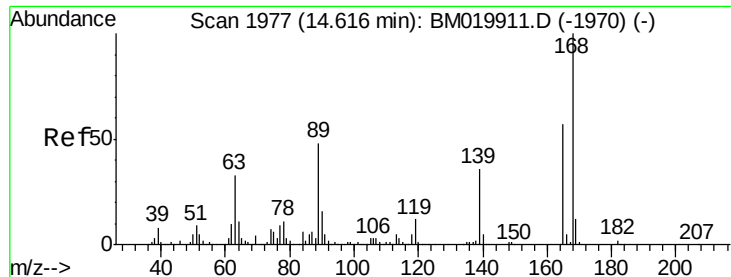
Sohil
4/17/2019 4:05:12 PM



#56
4-Nitrophenol
Concen: 8.930 ng m
RT: 14.52 min Scan# 1961
Delta R.T. 0.04 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	16491		
109	95.2	65.3	105.3	
65	117.3	94.9	134.9	





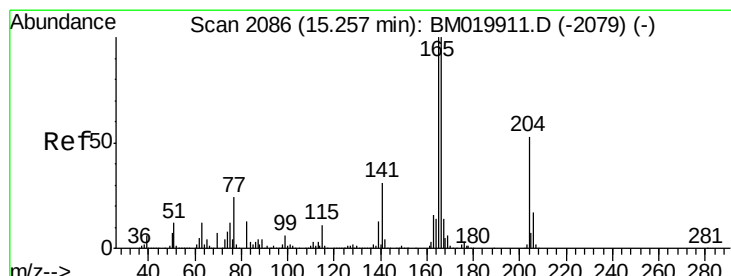
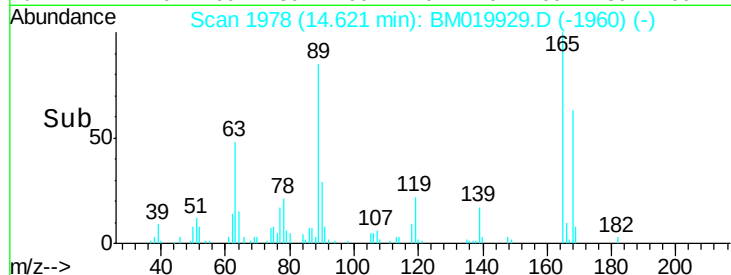
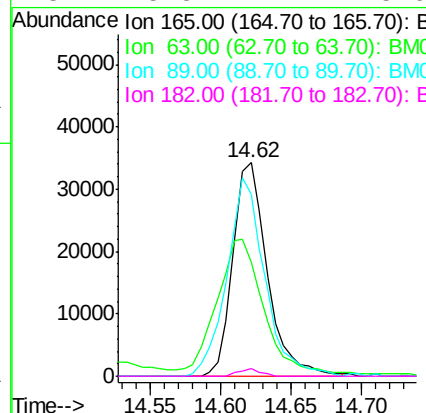
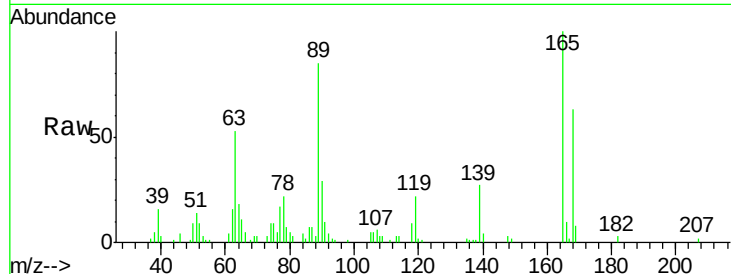
#57
 2,4-Dinitrotoluene
 Concen: 6.447 ng
 RT: 14.62 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	58547		
63	53.4	46.0	69.0	
89	84.9	67.5	101.3	
182	3.3	2.4	3.6	

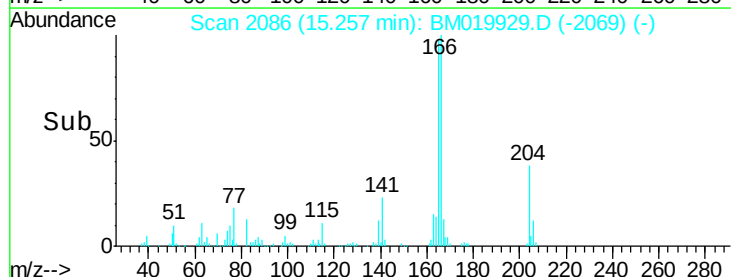
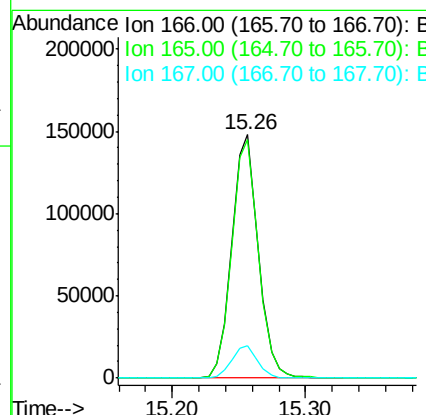
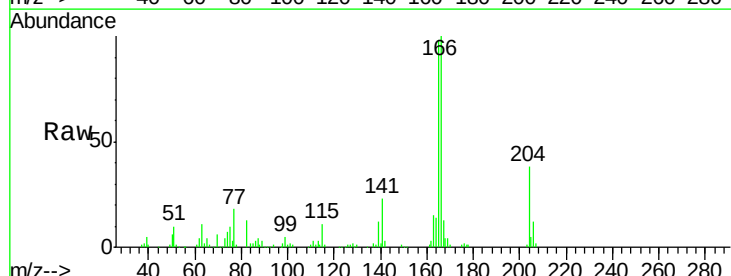
Manual Integrations
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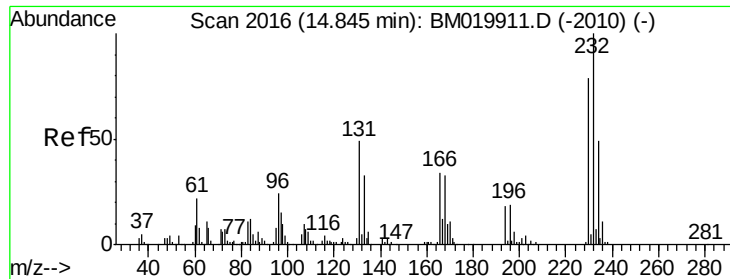
Sohil
 4/17/2019 4:05:12 PM



#58
 Fluorene
 Concen: 7.226 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	206686		
165	97.8	80.1	120.1	
167	13.1	11.0	16.4	





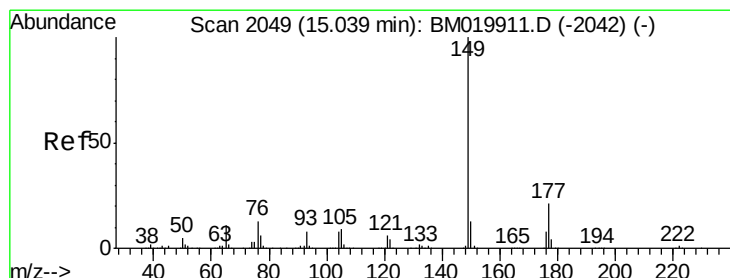
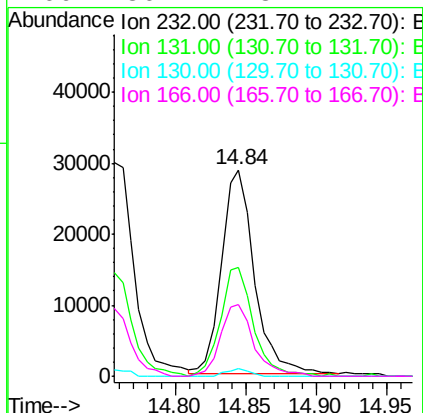
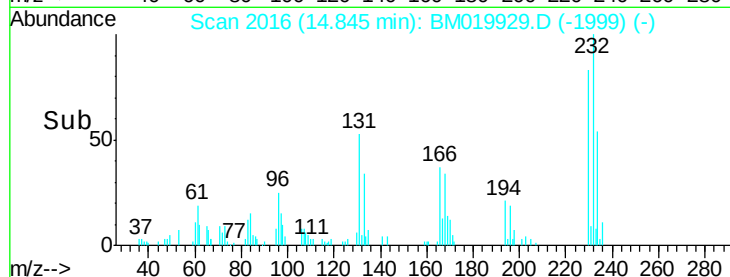
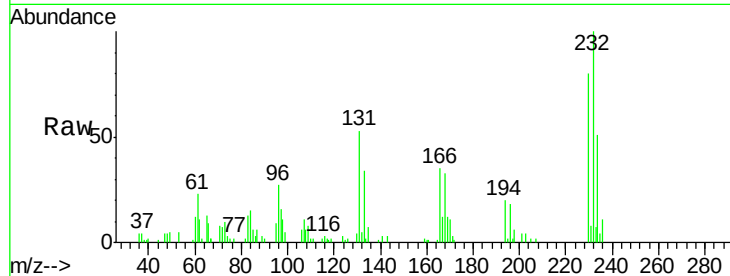
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.202 ng
RT: 14.84 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	46334		
131	54.1	42.1	63.1	
130	2.8	2.2	3.4	
166	36.1	28.1	42.1	

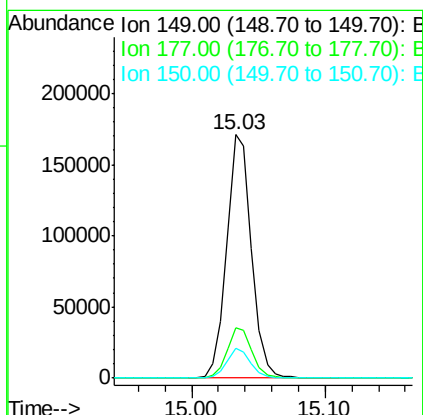
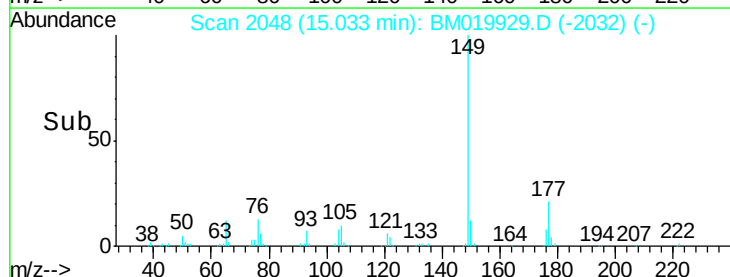
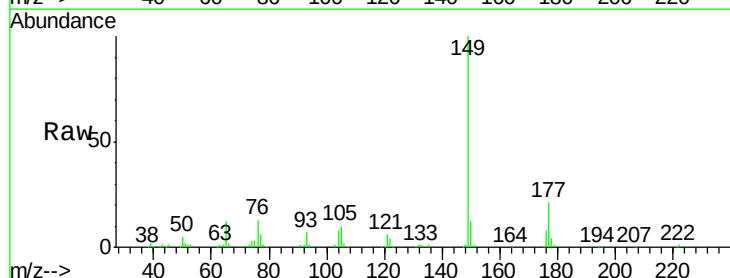
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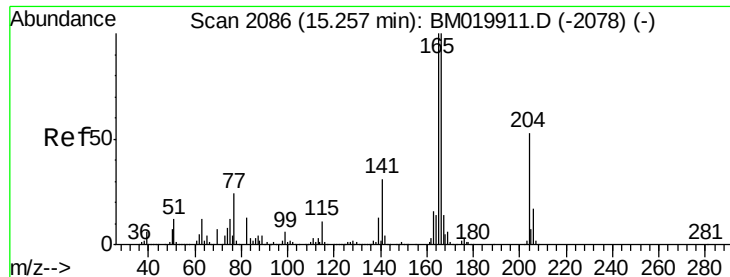
Sohil
4/17/2019 4:05:12 PM



#60
Diethylphthalate
Concen: 7.532 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	223789		
177	20.6	16.6	25.0	
150	12.4	10.0	15.0	





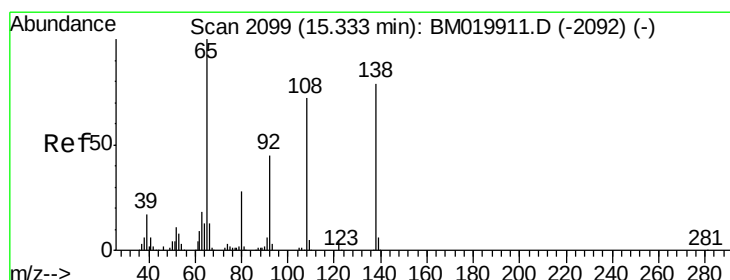
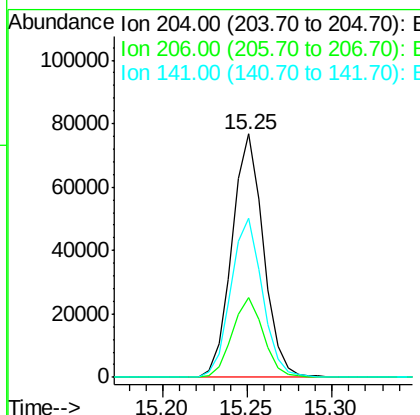
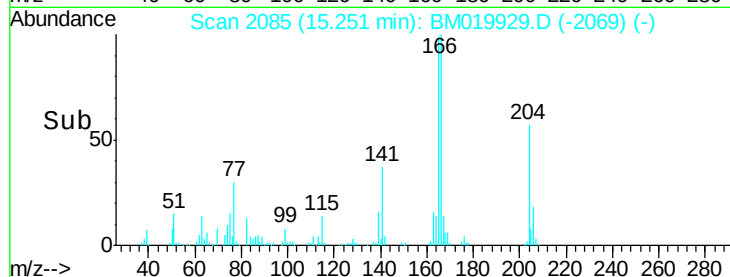
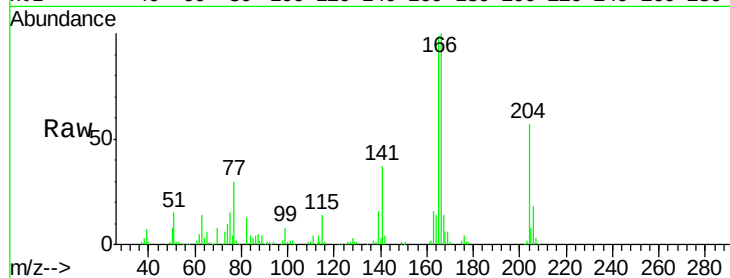
#61
4-Chlorophenyl-phenylether
Concen: 7.215 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	99358		
206	32.6	25.8	38.8	
141	65.4	47.0	70.4	

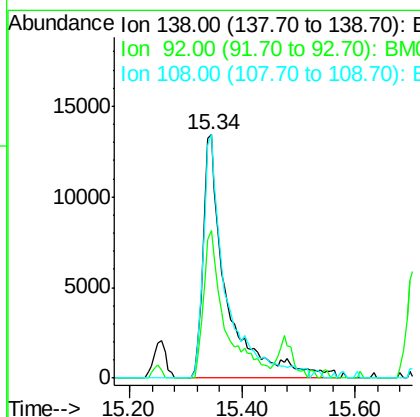
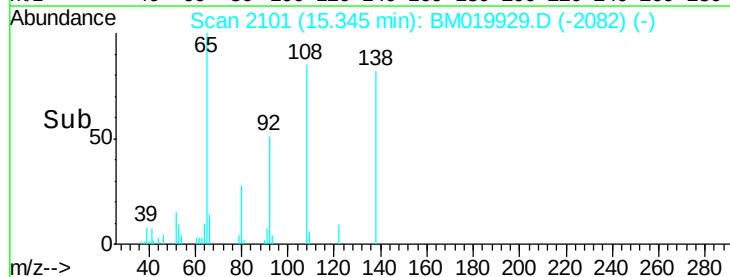
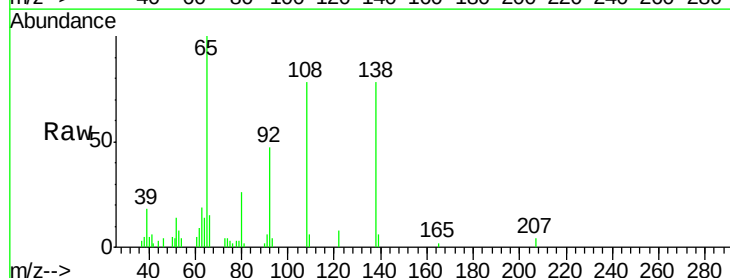
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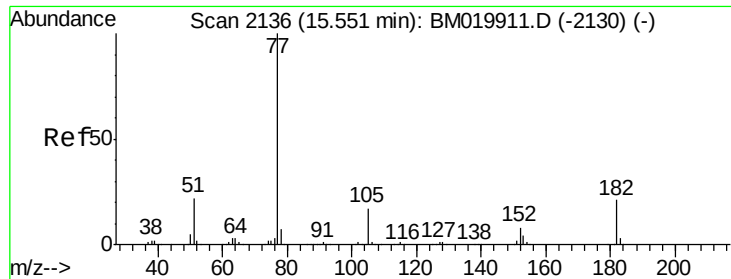
Sohil
4/17/2019 4:05:12 PM



#62
4-Nitroaniline
Concen: 6.266 ng m
RT: 15.34 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	38944		
92	60.5	36.8	76.8	
108	99.9	71.5	111.5	





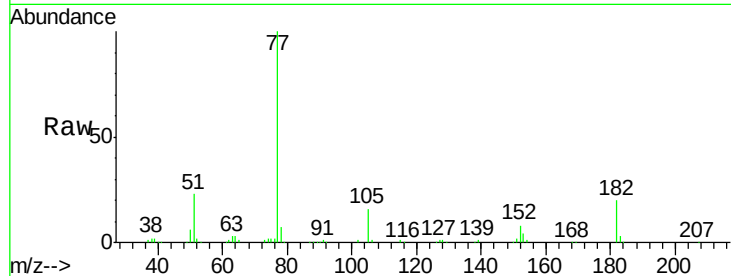
#63
Azobenzene
Concen: 7.505 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238352		
182	19.6	1.0	41.0	
105	16.2	0.0	37.1	
51	22.6	2.1	42.1	

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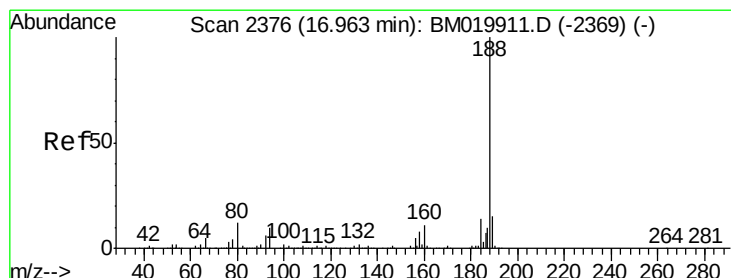
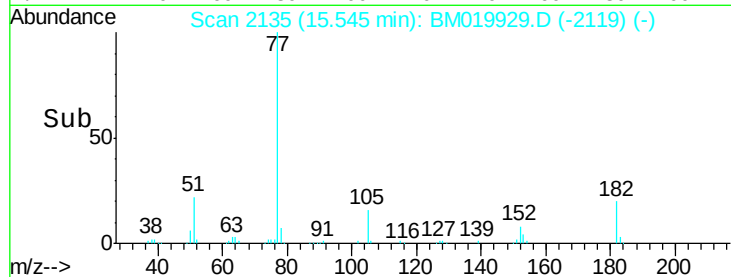
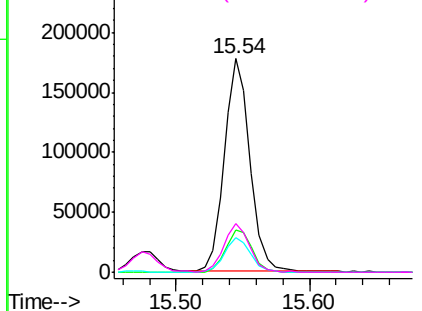


Abundance Ion 77.00 (76.70 to 77.70): BM019929.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM019929.D (-2119) (-)

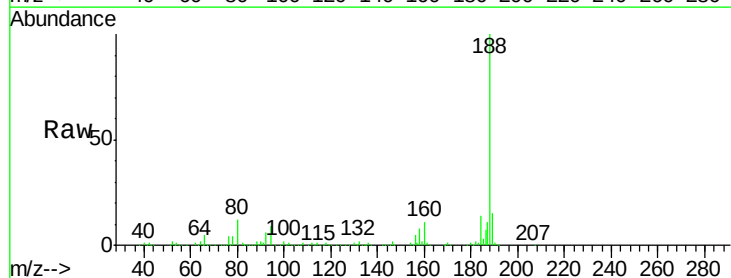
Ion 105.00 (104.70 to 105.70): BM019929.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM019929.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

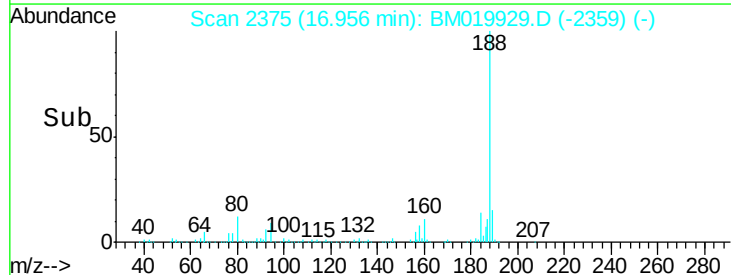
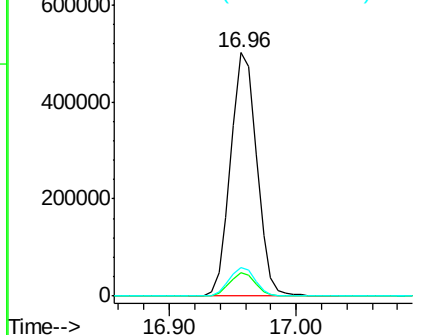
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	715680		
94	9.5	7.6	11.4	
80	11.6	9.4	14.0	

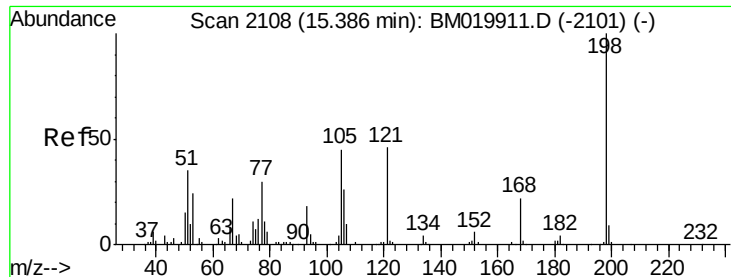


Abundance Ion 188.00 (187.70 to 188.70): BM019929.D (-2359) (-)

Ion 94.00 (93.70 to 94.70): BM019929.D (-2359) (-)

Ion 80.00 (79.70 to 80.70): BM019929.D (-2359) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 4.759 ng

RT: 15.40 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

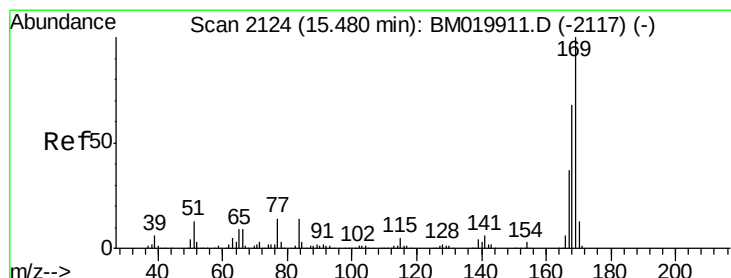
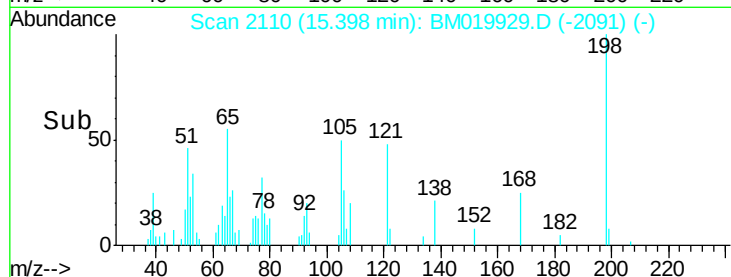
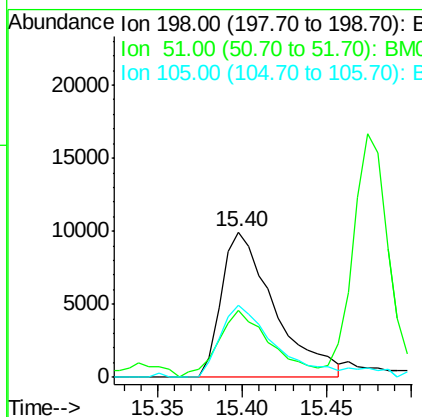
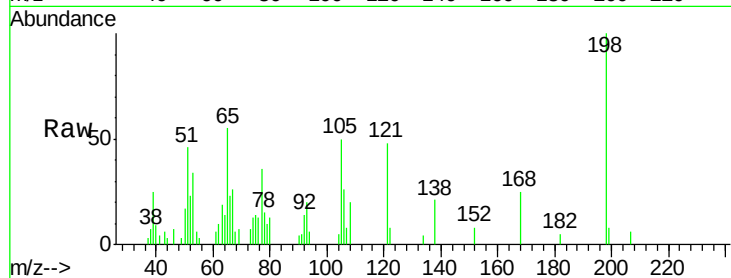
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	198	Resp:	21729
Ion Ratio	Lower	Upper	
198	100		
51	46.4	17.9	57.9
105	49.9	26.1	66.1

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#66

n-Nitrosodiphenylamine

Concen: 7.523 ng

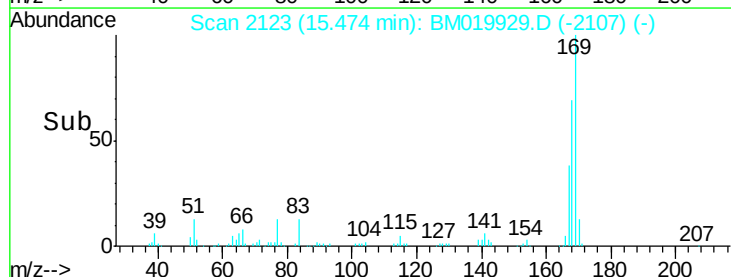
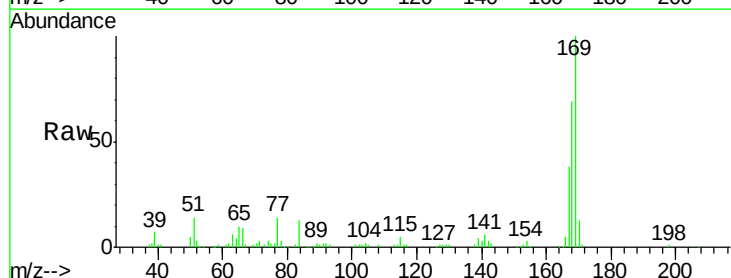
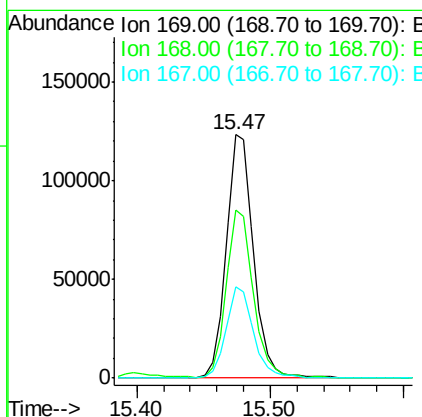
RT: 15.47 min Scan# 2123

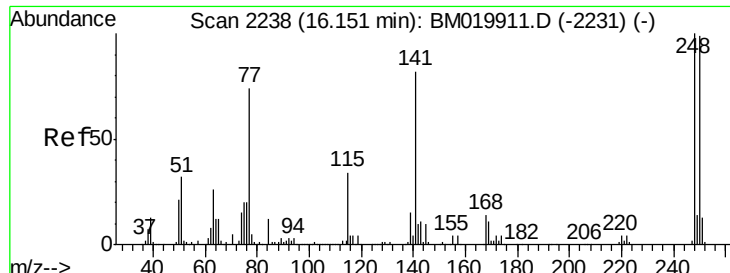
Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	169	Resp:	176013
Ion Ratio	Lower	Upper	
169	100		
168	68.9	54.7	82.1
167	37.6	29.4	44.0





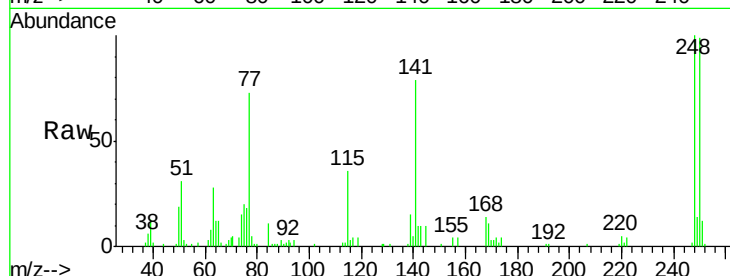
#67
 4-Bromophenyl-phenylether
 Concen: 7.280 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

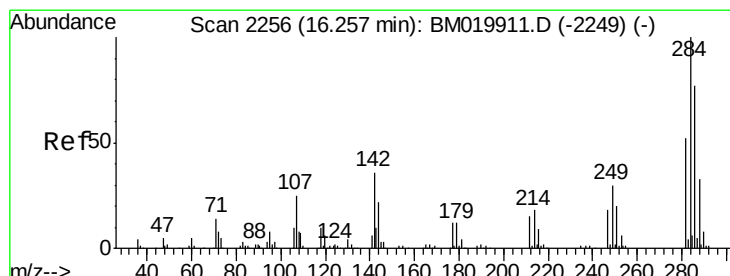
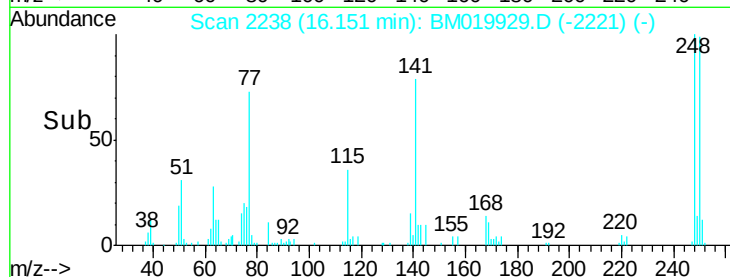
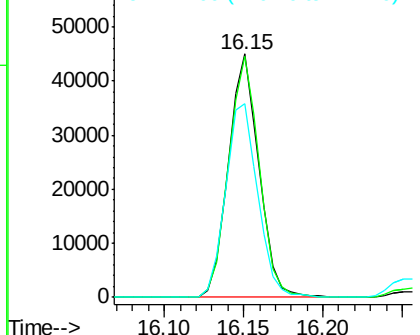
Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.9	118.3
141	79.4	65.6	98.4

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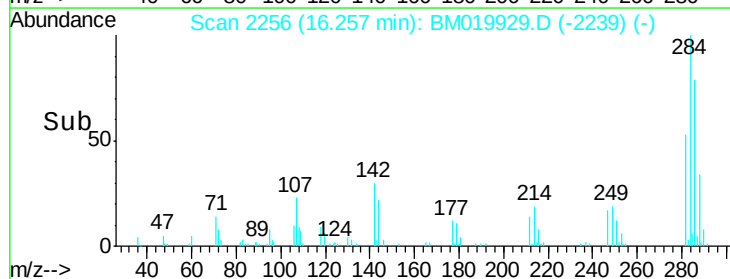
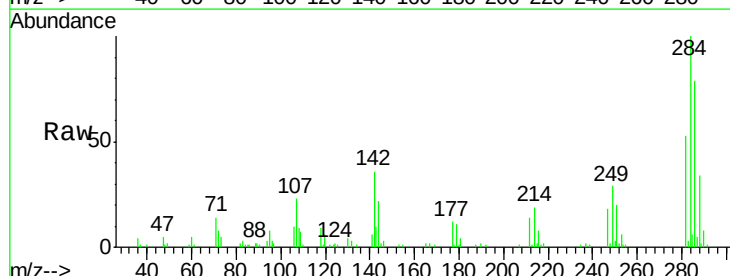
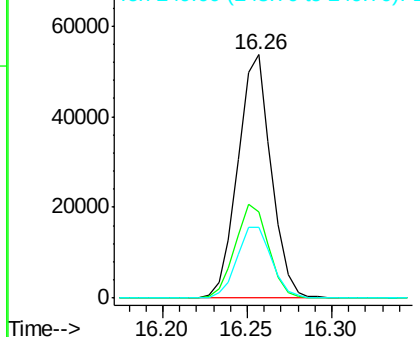
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

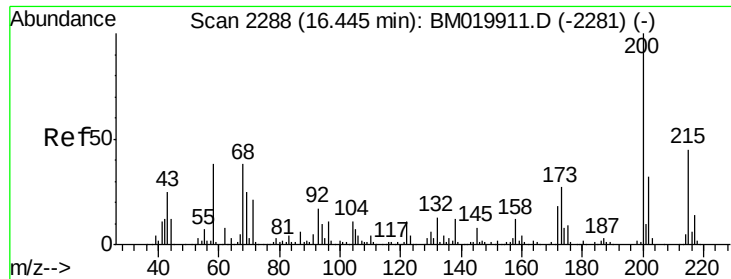


#68
 Hexachlorobenzene
 Concen: 7.460 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.00 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.9	43.3
249	28.9	23.8	35.6

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





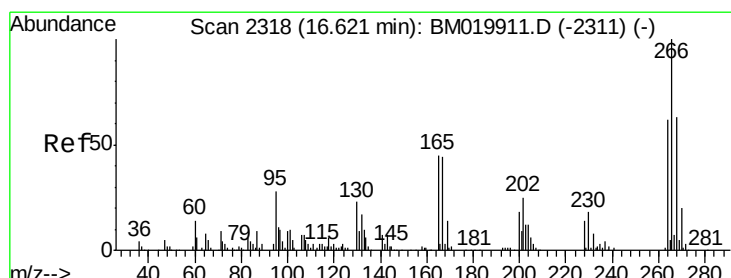
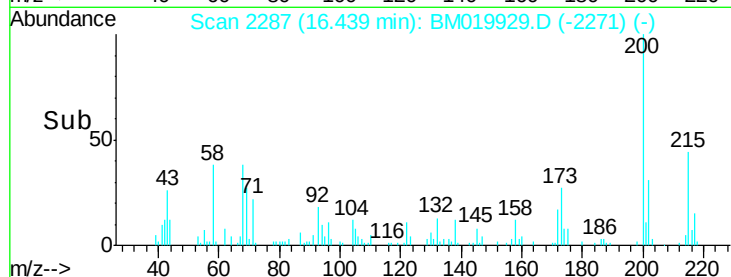
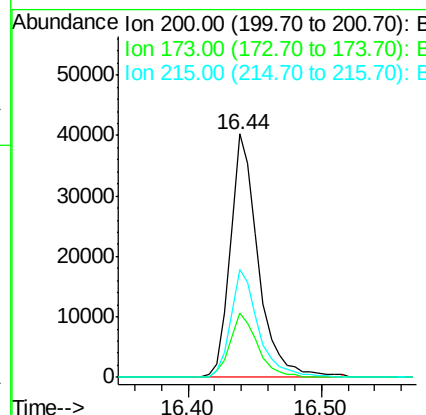
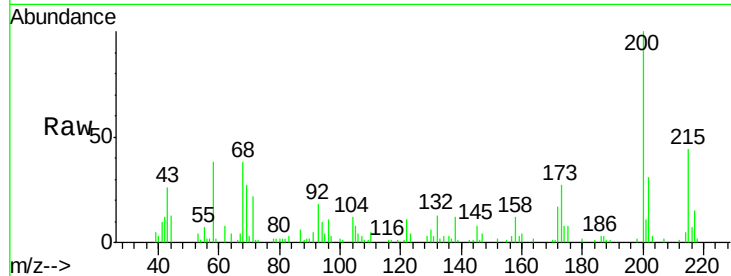
#69
Atrazine
Concen: 7.454 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	59209		
173	26.6	7.2	47.2	
215	44.2	25.4	65.4	

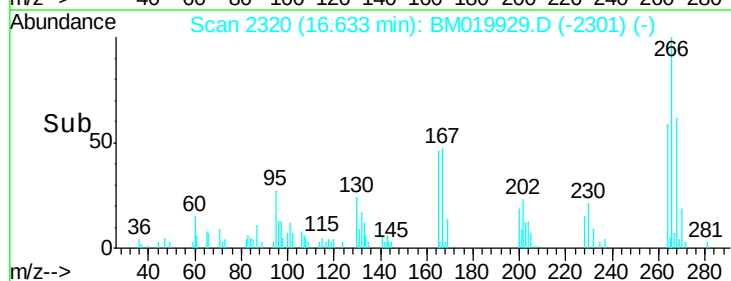
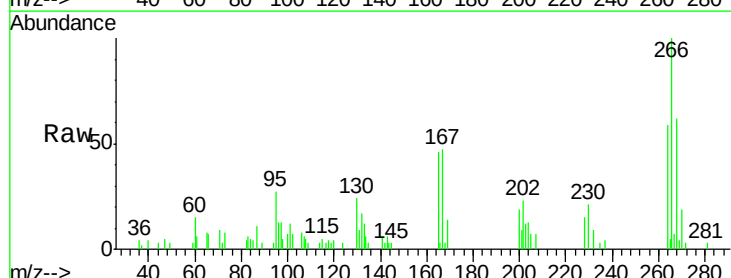
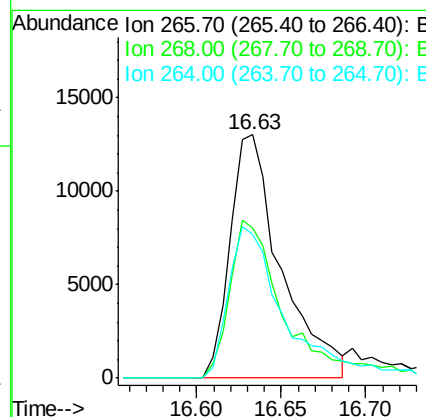
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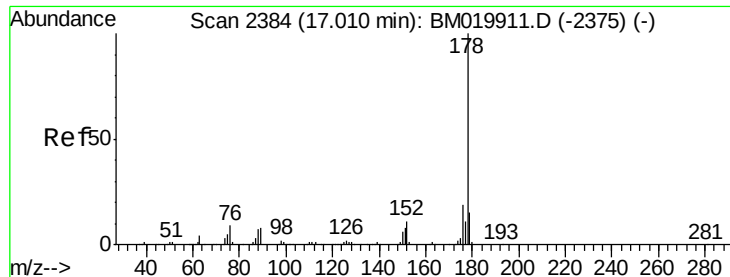
Sohil
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#70
Pentachlorophenol
Concen: 5.404 ng
RT: 16.63 min Scan# 2320
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	27263		
268	61.5	50.3	75.5	
264	59.2	49.8	74.8	





#71

Phenanthrene

Concen: 7.579 ng

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

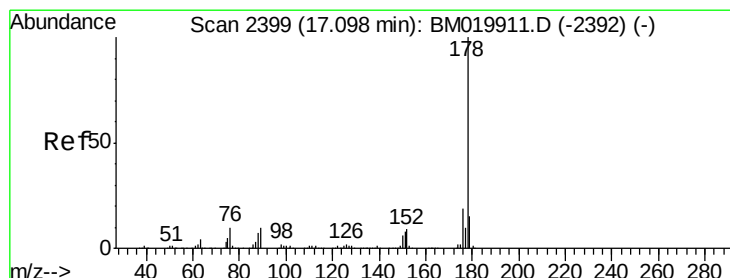
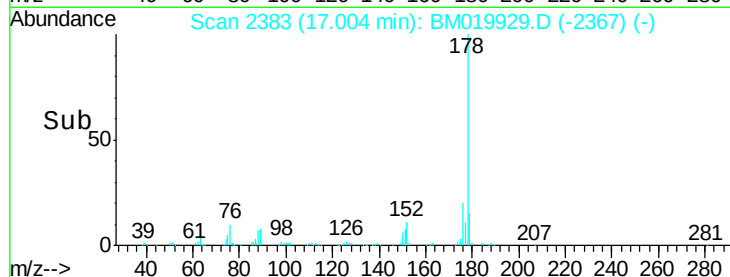
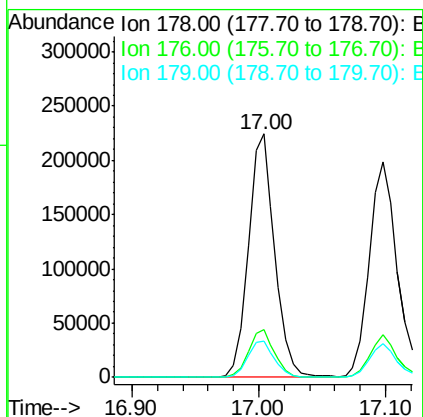
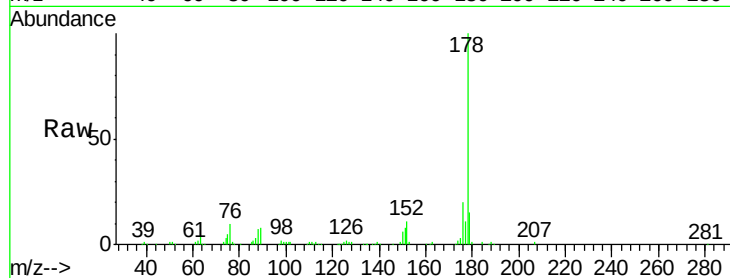
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	178	Resp:	321904
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.2	22.8
179	14.6	12.2	18.4

Manual Integrations
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#72

Anthracene

Concen: 7.195 ng

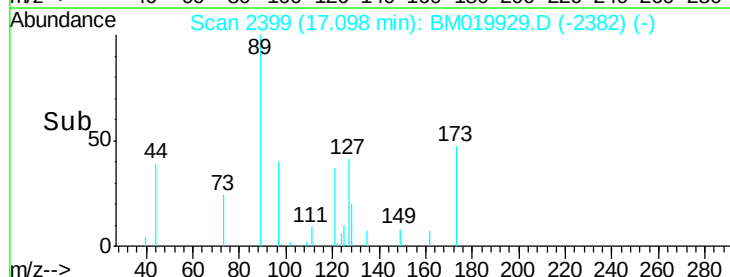
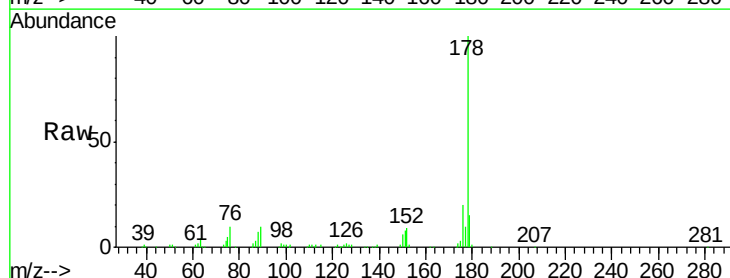
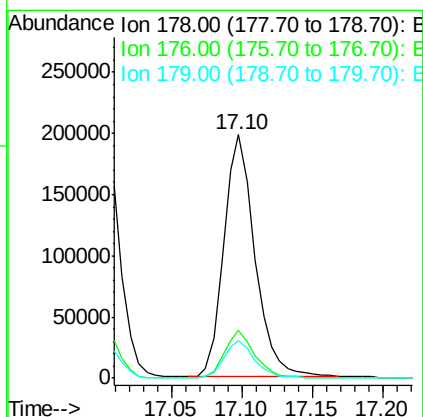
RT: 17.10 min Scan# 2399

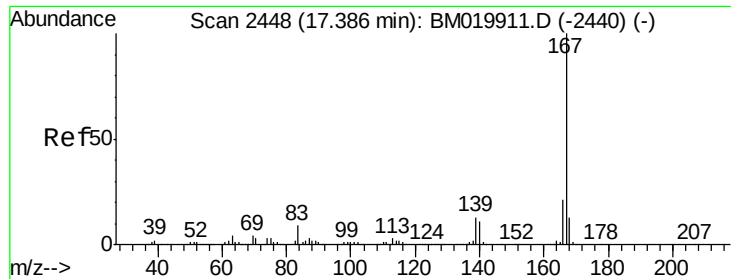
Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	178	Resp:	304183
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.0	22.4
179	15.4	12.2	18.4





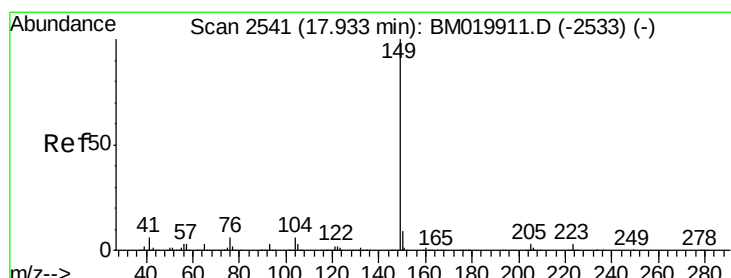
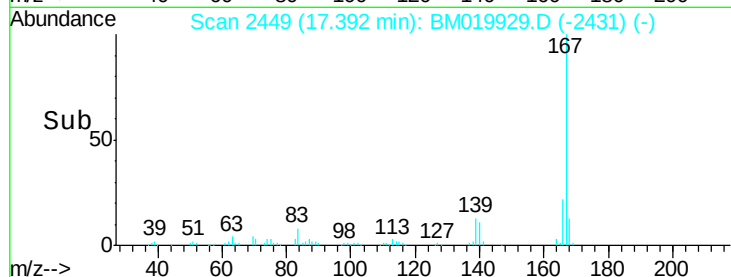
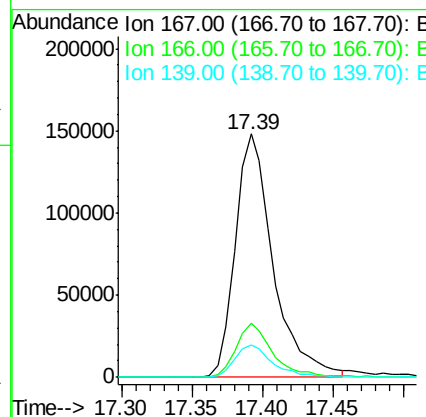
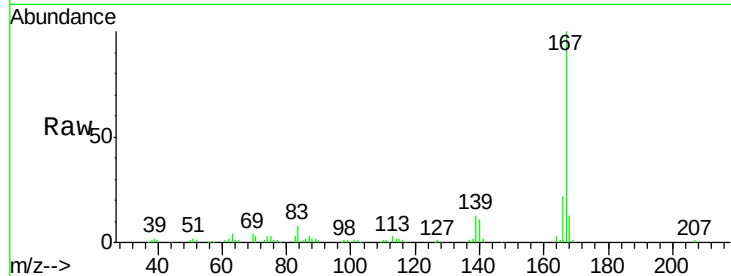
#73
 Carbazole
 Concen: 7.023 ng
 RT: 17.39 min Scan# 2449
 Delta R.T. 0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	277208		
166	22.1		17.2	25.8
139	13.2		10.7	16.1

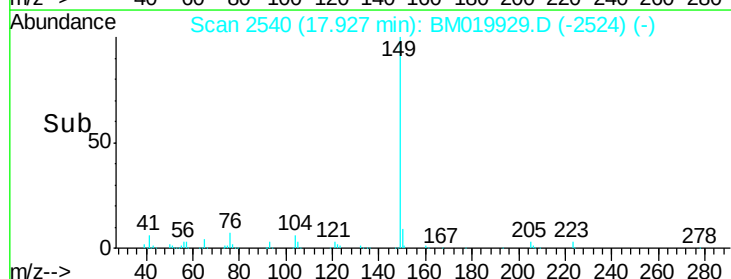
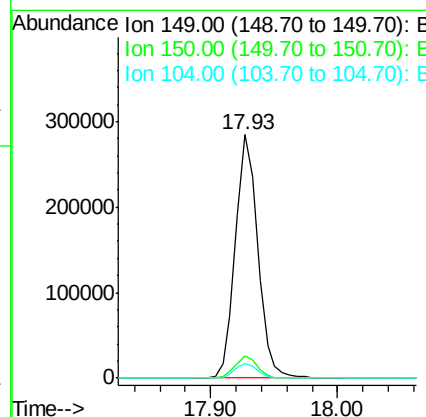
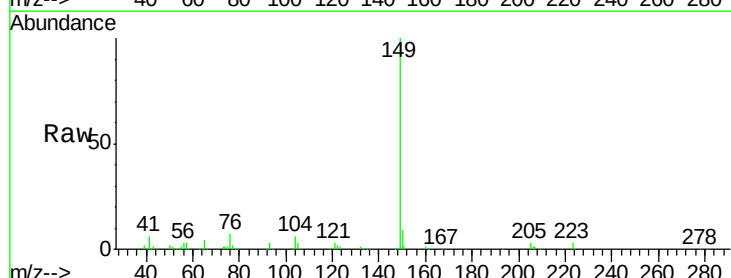
Manual Integrations
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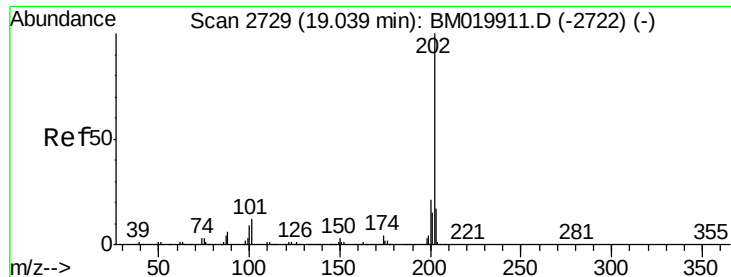
Sohil
 4/17/2019 4:05:12 PM



#74
 Di-n-butylphthalate
 Concen: 6.736 ng
 RT: 17.93 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM019929.D
 Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	349170		
150	9.1		7.2	10.8
104	5.9		4.6	7.0





#75

Fluoranthene

Concen: 7.070 ng

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

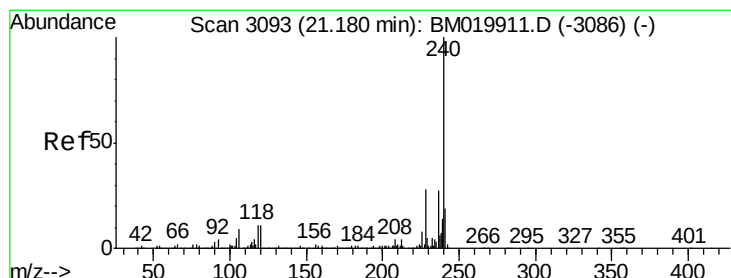
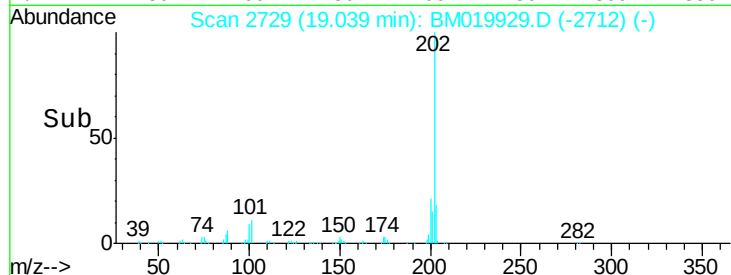
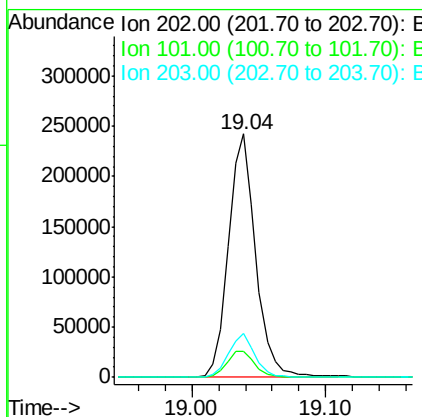
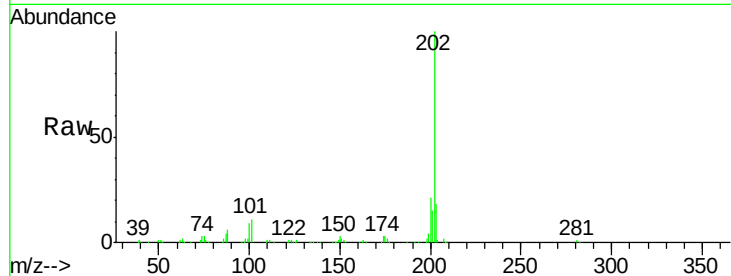
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt	Ion	202	Resp:	345577
	Ion	Ratio	Lower	Upper
	202	100		
	101	10.7	0.0	31.7
	203	18.0	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

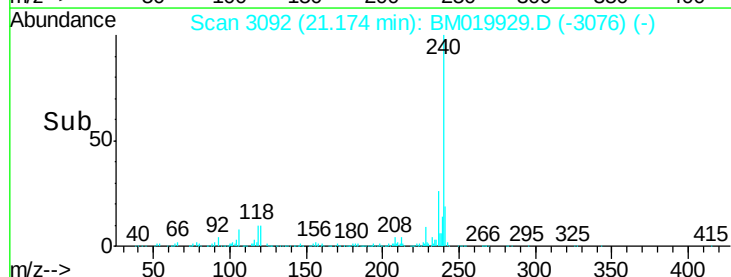
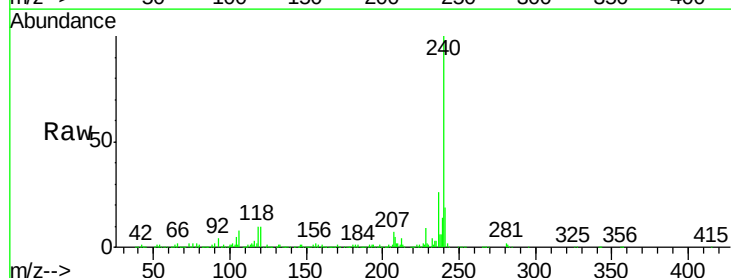
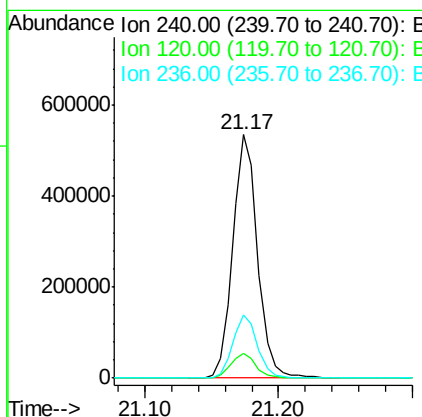
RT: 21.17 min Scan# 3092

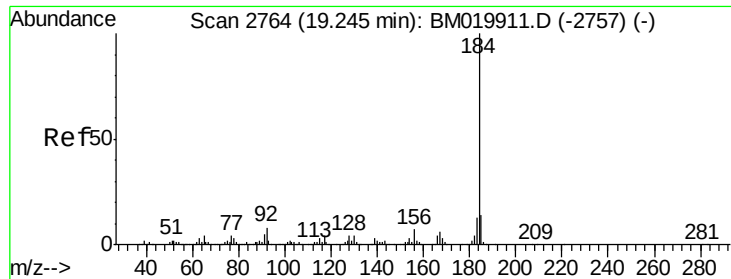
Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt	Ion	240	Resp:	693784
	Ion	Ratio	Lower	Upper
	240	100		
	120	10.4	8.6	13.0
	236	26.0	21.4	32.2





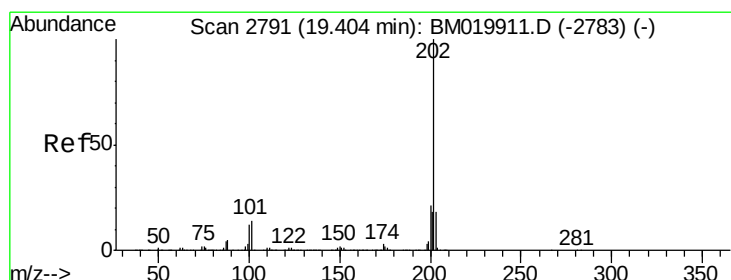
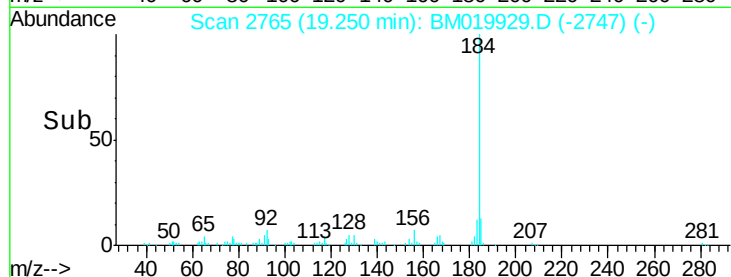
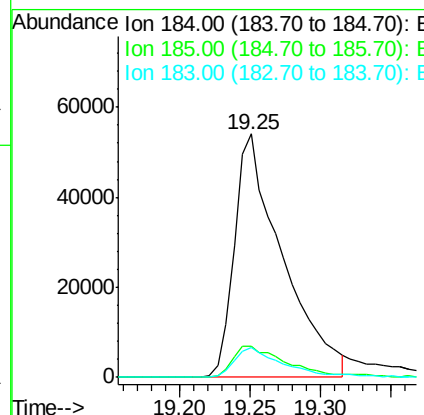
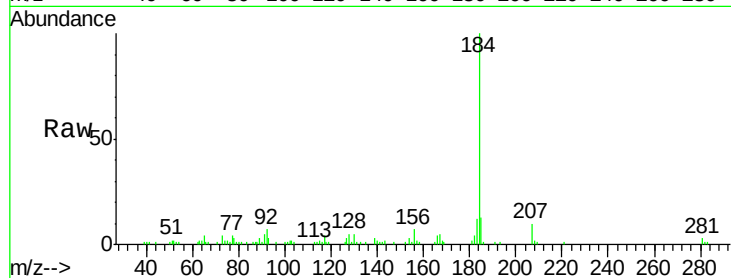
#77
Benzidine
Concen: 6.688 ng
RT: 19.25 min Scan# 2765
Delta R.T. 0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	128032		
185	13.0		11.0	16.6
183	12.4		10.1	15.1

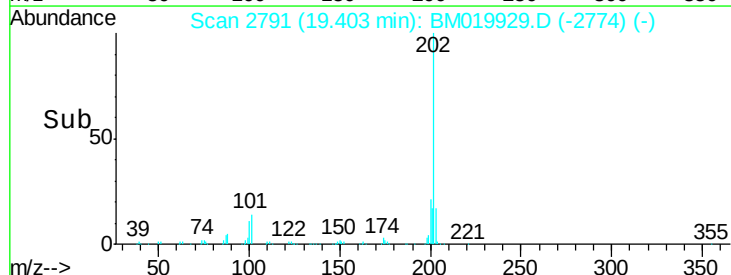
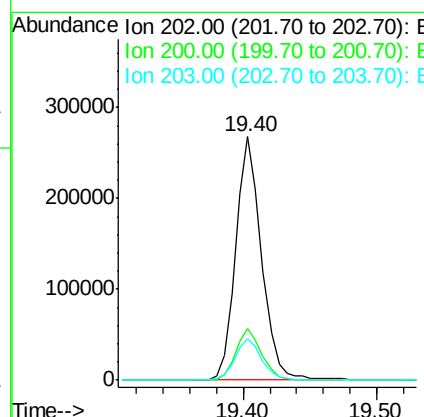
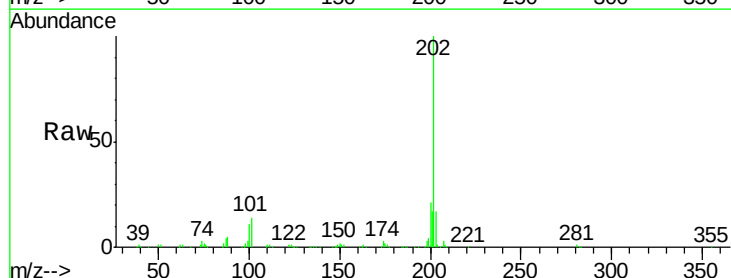
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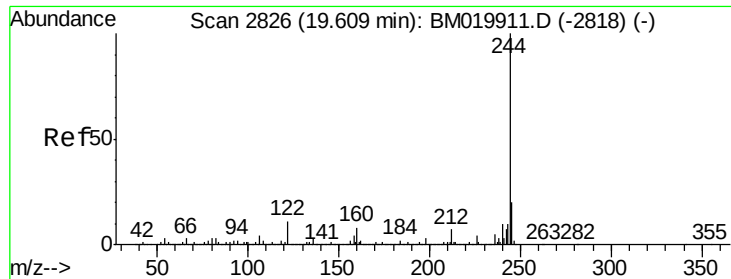
Sohil
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#78
Pyrene
Concen: 7.871 ng
RT: 19.40 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	361615		
200	21.0		17.0	25.4
203	17.1		14.0	21.0





#79

Terphenyl-d14

Concen: 100.013 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:244 Resp: 3933934

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

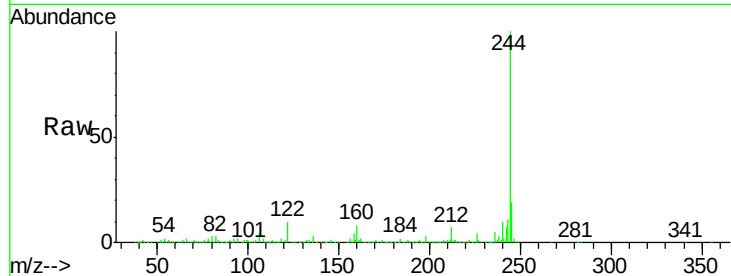
122 10.5 9.1 13.7

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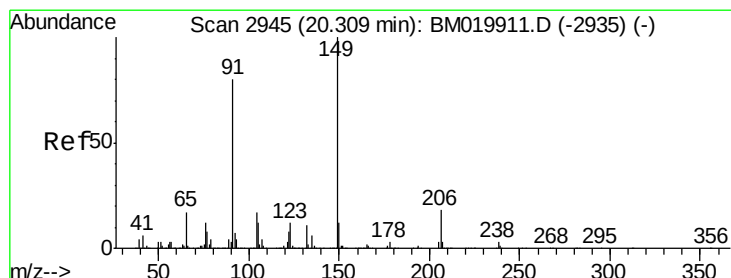
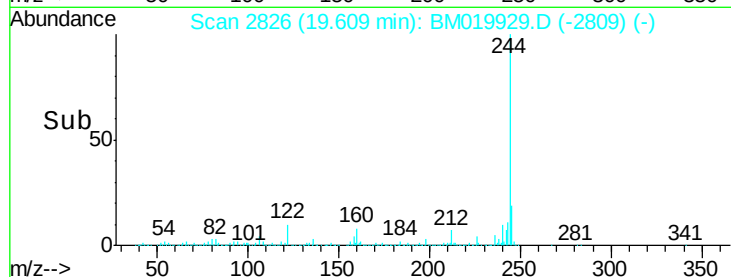
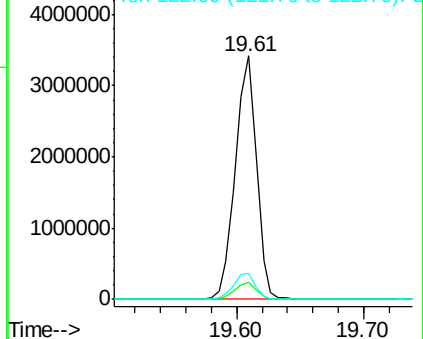
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.727 ng

RT: 20.31 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

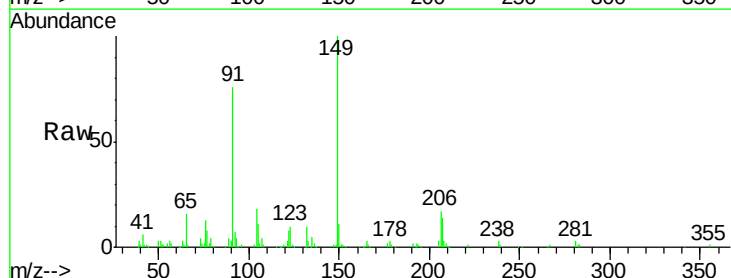
Tgt Ion:149 Resp: 149848

Ion Ratio Lower Upper

149 100

91 76.1 63.7 95.5

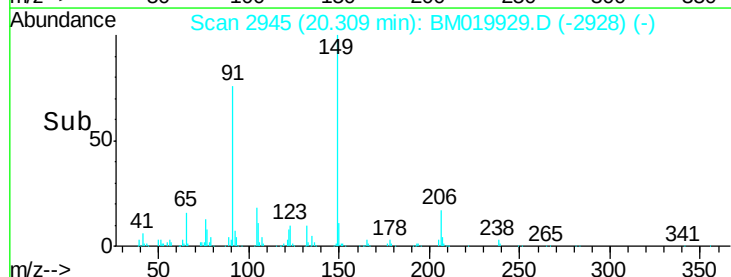
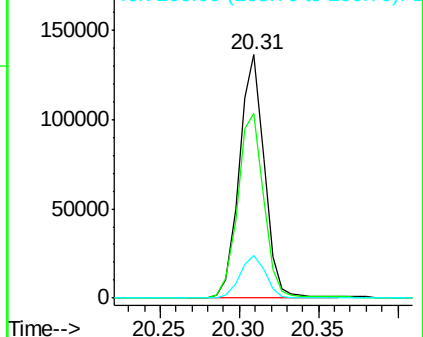
206 17.3 14.6 21.8

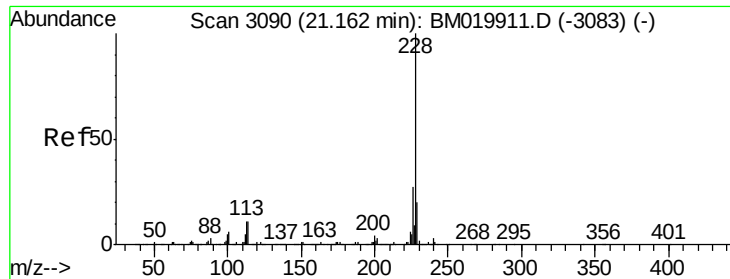


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.415 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

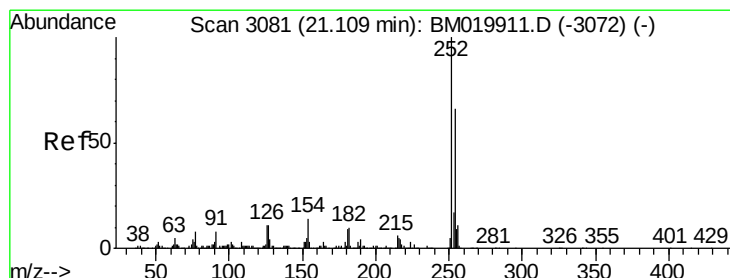
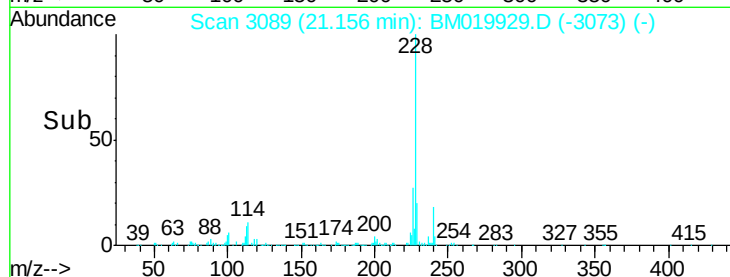
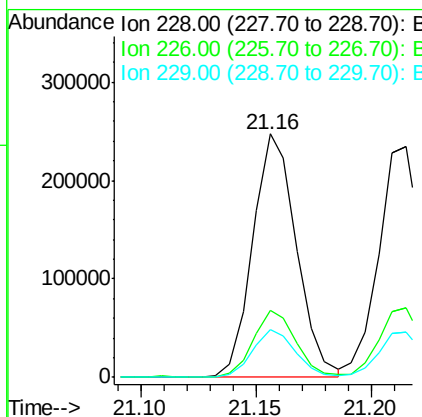
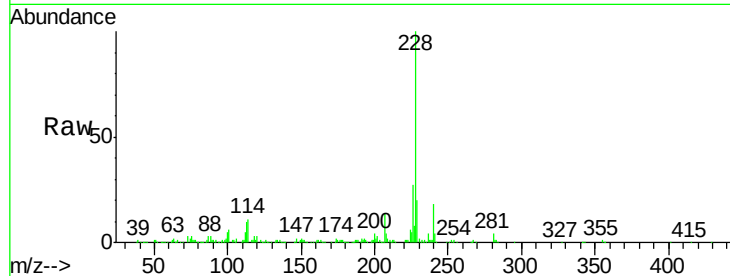
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		325889		
226	27.4		21.8	32.6	
229	19.6		15.9	23.9	

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#82

3,3'-Dichlorobenzidine

Concen: 7.117 ng

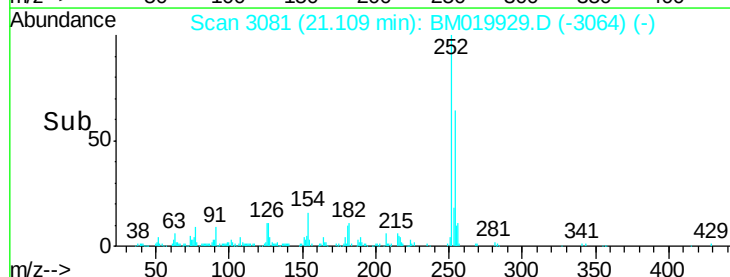
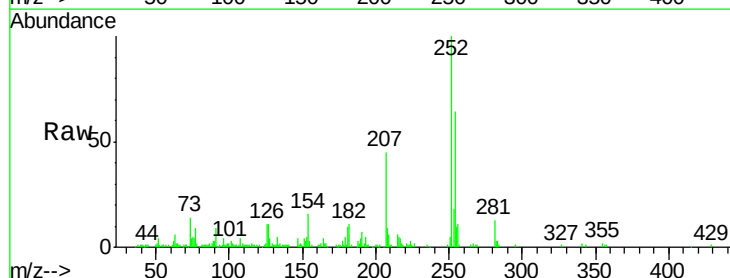
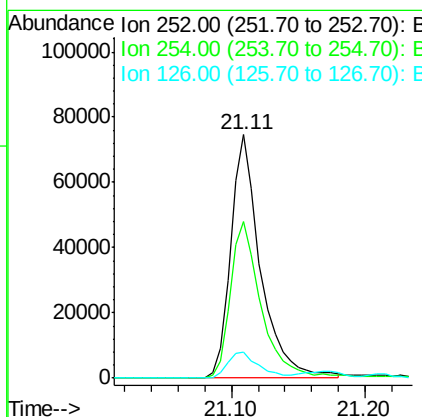
RT: 21.11 min Scan# 3081

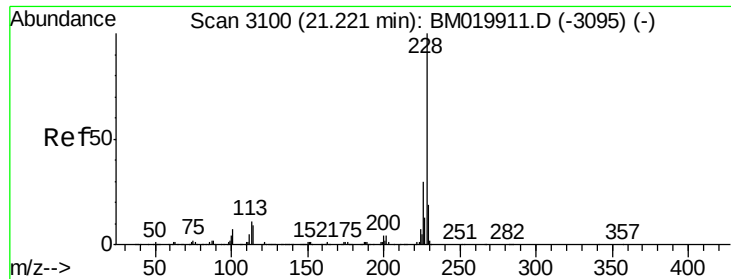
Delta R.T. -0.00 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		116381		
254	64.4		52.6	78.8	
126	10.9		8.6	12.8	





#83

Chrysene

Concen: 7.642 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

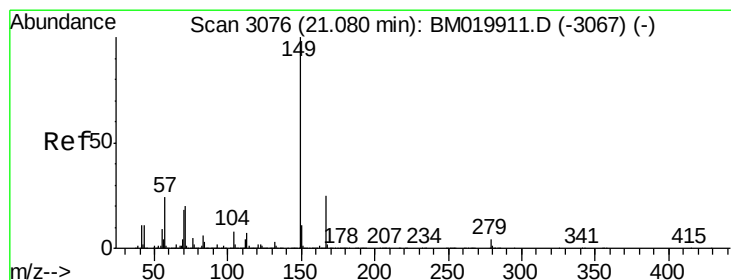
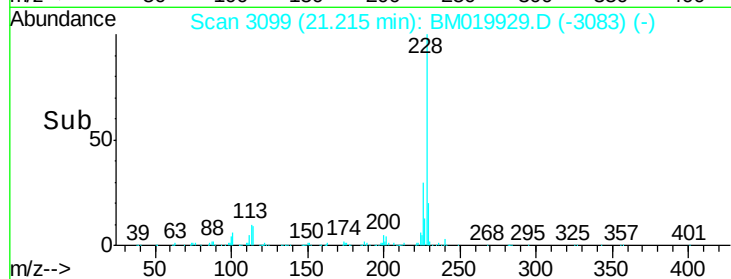
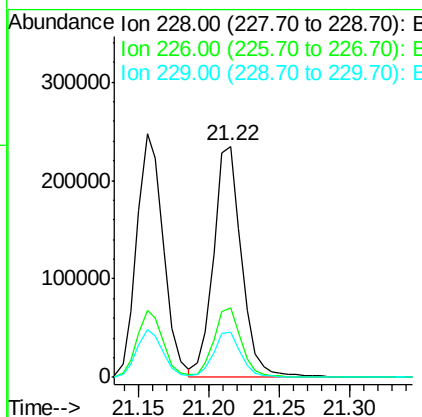
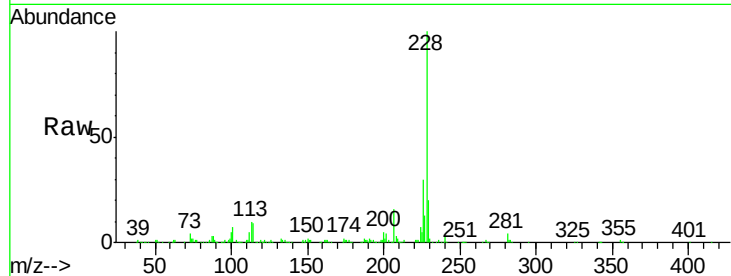
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

Tgt Ion:	228	Resp:	322090
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.7	35.5
229	19.7	15.6	23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 6.292 ng

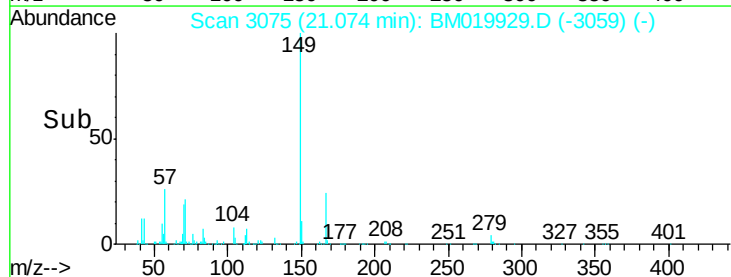
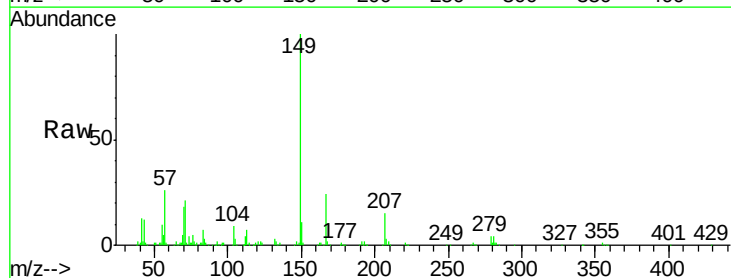
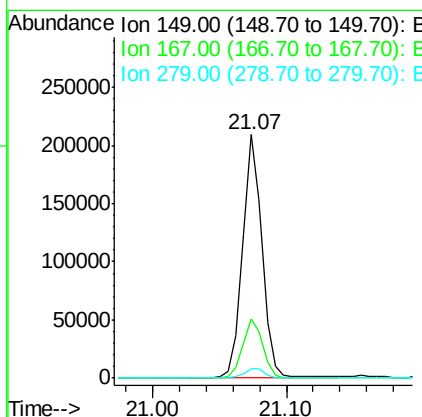
RT: 21.07 min Scan# 3075

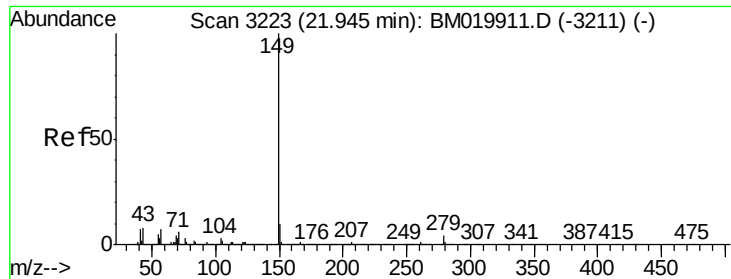
Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	149	Resp:	208657
Ion Ratio	Lower	Upper	
149	100		
167	24.3	20.3	30.5
279	3.7	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 6.355 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Instrument :

BNA_M

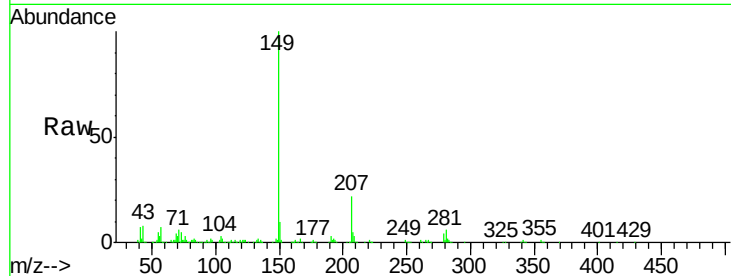
ClientSampleId :

MDL-MDL-WATER-03-QT1-2019

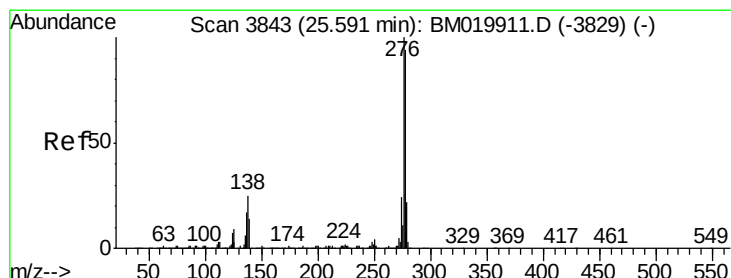
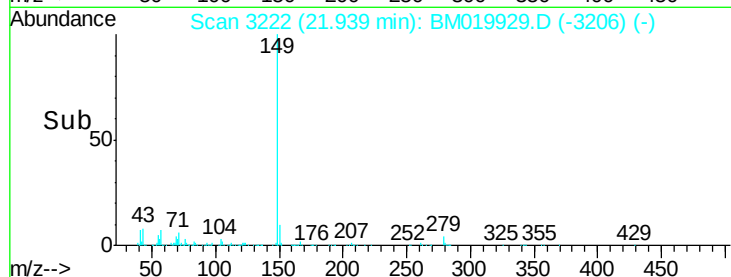
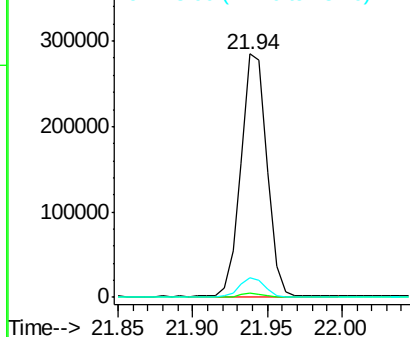
Tgt Ion:	149	Resp:	341927
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.294 ng

RT: 25.58 min Scan# 3841

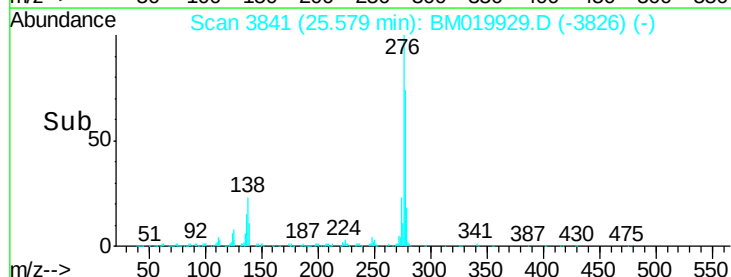
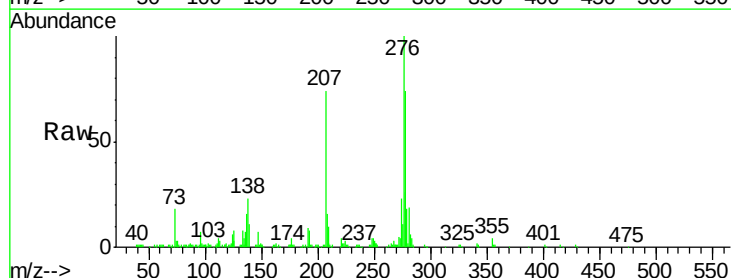
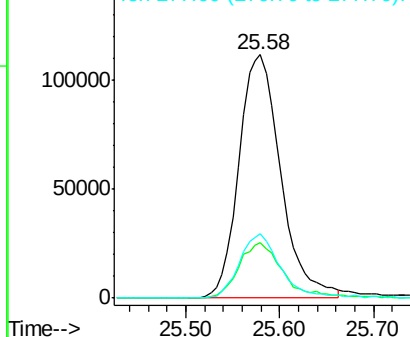
Delta R.T. -0.01 min

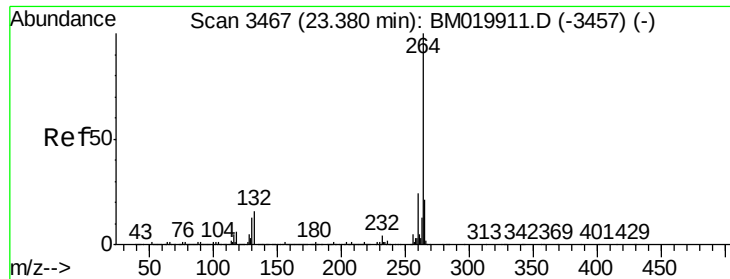
Lab File: BM019929.D

Acq: 16 Apr 2019 12:22

Tgt Ion:	276	Resp:	343884
Ion Ratio	Lower	Upper	
276	100		
138	23.4	19.0	28.6
277	25.4	20.3	30.5

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





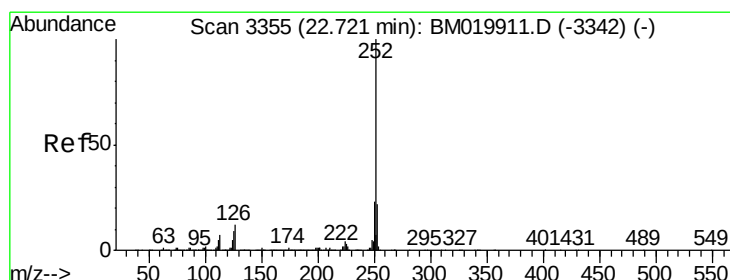
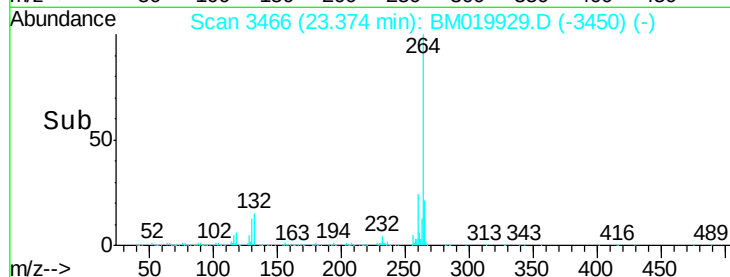
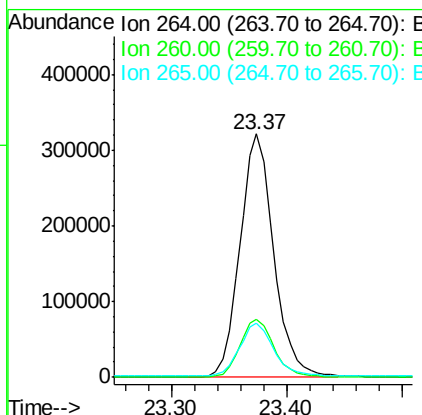
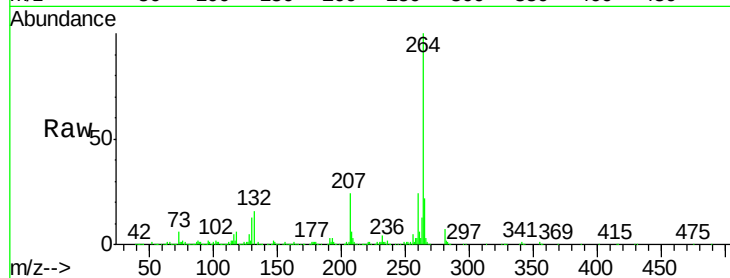
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.2	25.8

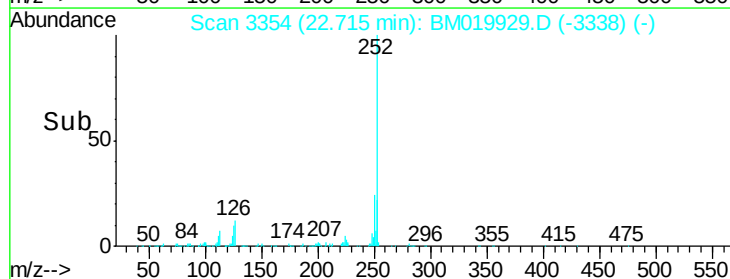
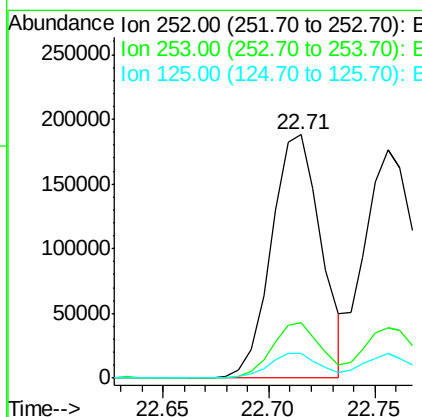
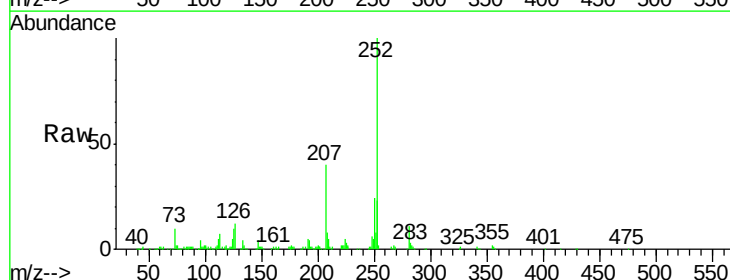
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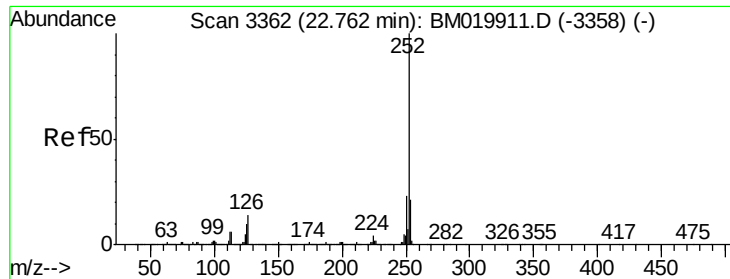
Sohil
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#88
Benzo(b)fluoranthene
Concen: 7.118 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.0	7.6	11.4





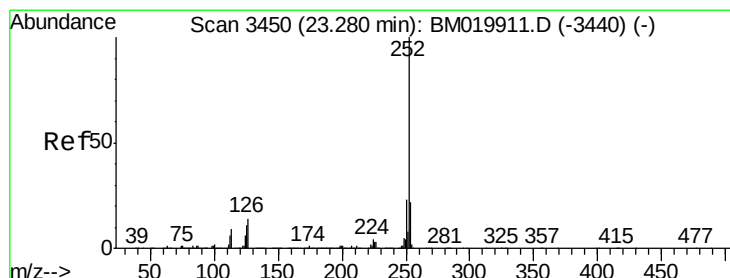
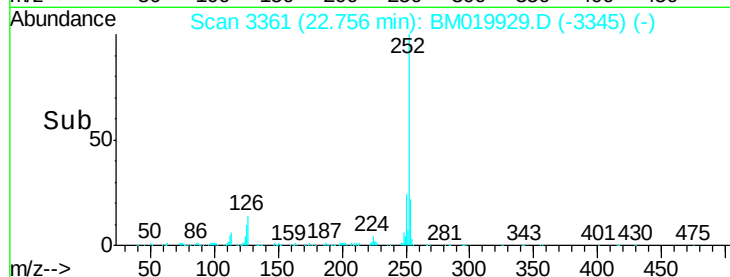
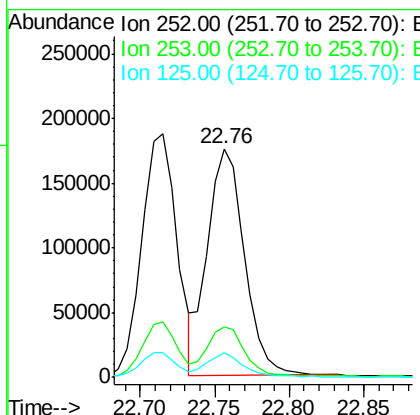
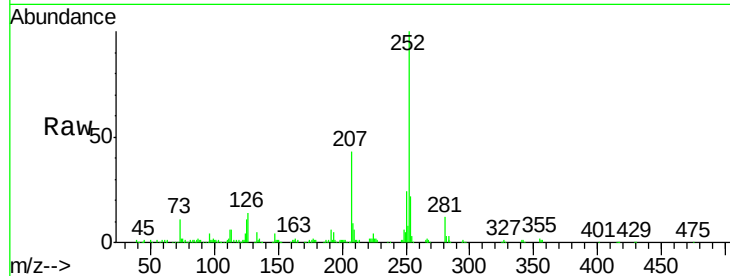
#89
Benzo(k)fluoranthene
Concen: 7.472 ng
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	304894		
253	21.9	17.3	25.9	
125	10.6	8.2	12.4	

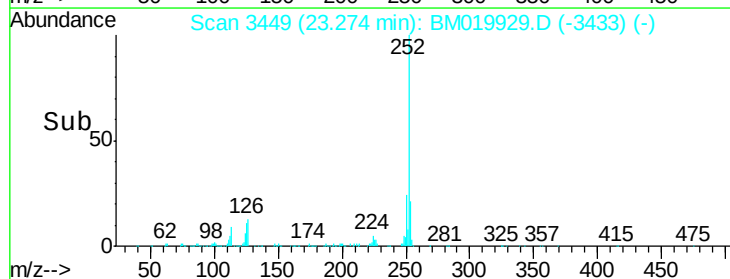
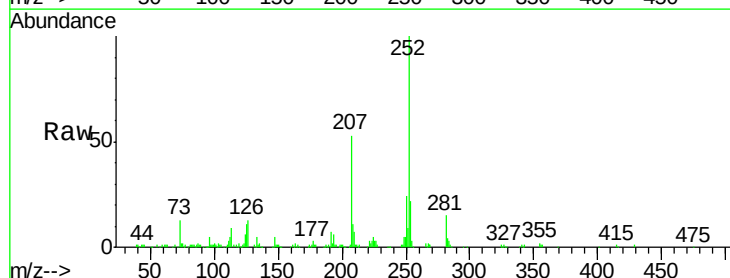
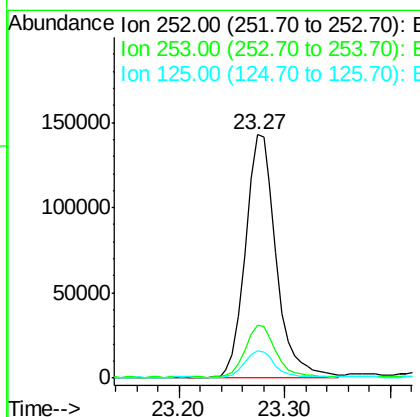
Manual Integrations
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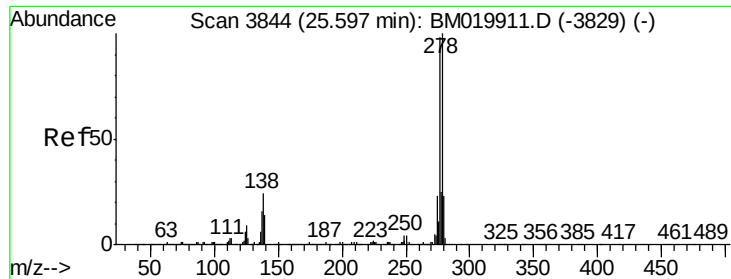
Sohil
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#90
Benzo(a)pyrene
Concen: 7.506 ng
RT: 23.27 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	288281		
253	21.6	17.8	26.8	
125	11.0	9.1	13.7	





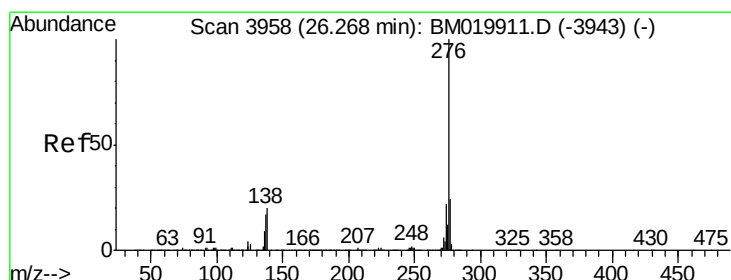
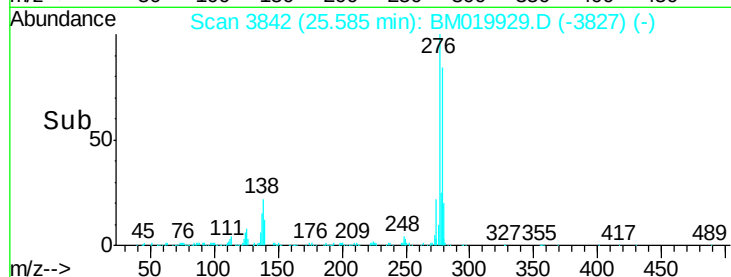
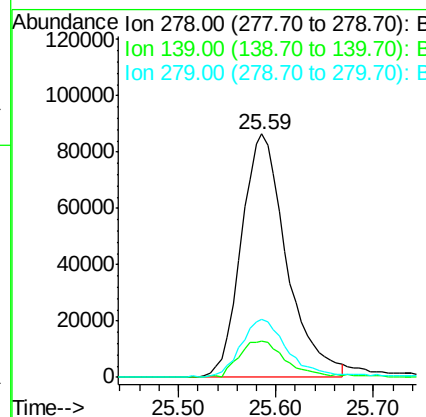
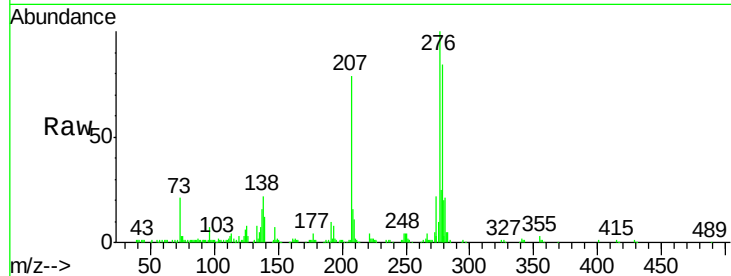
#91
Dibenzo(a,h)anthracene
Concen: 7.546 ng
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.6	17.4
279	23.8	18.4	27.6

Manual Integrations
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4/17/2019 4:05:12 PM



#92
Benzo(g,h,i)perylene
Concen: 8.130 ng
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM019929.D
Acq: 16 Apr 2019 12:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.7	16.2	24.4

