

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024611.D
 Acq On : 23 Jan 2020 17:09
 Operator : CG/JU
 Sample : K5111-07
 Misc : 5 PPM LOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Manual Integrations
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 1/24/2020 1:55:13 PM

Quant Time: Jan 24 11:45:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	199214	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	815696	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	585422	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1384558	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1488438	20.00	ng	0.00
87) Perylene-d12	23.17	264	1675975	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1354392	129.29	ng	0.00
7) Phenol-d6	6.64	99	1769848	122.65	ng	0.00
23) Nitrobenzene-d5	8.58	82	1310649	78.80	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1255697	131.86	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3424587	79.53	ng	0.00
79) Terphenyl-d14	19.50	244	7021025	88.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	21642	5.223	ng	96
3) Pyridine	3.46	79	58695	4.886	ng	# 92
4) n-Nitrosodimethylamine	3.37	42	25086	4.705	ng	# 98
6) Aniline	6.79	93	82056	4.671	ng	98
8) 2-Chlorophenol	7.02	128	55619	4.664	ng	94
9) Benzaldehyde	6.60	77	40146m	4.708	ng	
10) Phenol	6.66	94	66926	4.653	ng	83
11) bis(2-Chloroethyl)ether	6.89	93	56062	4.868	ng	95
12) 1,3-Dichlorobenzene	7.33	146	70386	4.805	ng	97
13) 1,4-Dichlorobenzene	7.48	146	72615	4.886	ng	94
14) 1,2-Dichlorobenzene	7.79	146	69630	4.854	ng	96
15) Benzyl Alcohol	7.69	79	53692	4.513	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.97	45	49849	4.729	ng	96
17) 2-Methylphenol	7.89	107	44260	4.366	ng	94
18) Hexachloroethane	8.51	117	28324	4.935	ng	98
19) n-Nitroso-di-n-propylamine	8.25	70	49696	4.587	ng	97
20) 3+4-Methylphenols	8.22	107	61491	4.382	ng	98
22) Acetophenone	8.26	105	100353	4.771	ng	# 98
24) Nitrobenzene	8.62	77	80821m	5.071	ng	
25) Isophorone	9.15	82	130525	4.618	ng	99
26) 2-Nitrophenol	9.33	139	28656	3.883	ng	97
27) 2,4-Dimethylphenol	9.41	122	43908	4.378	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	79267	4.591	ng	98
29) 2,4-Dichlorophenol	9.86	162	55382	4.087	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	76151	4.660	ng	99
31) Naphthalene	10.25	128	192259	4.667	ng	99
32) Benzoic acid	9.48	122	29427m	3.207	ng	
33) 4-Chloroaniline	10.37	127	80950	4.483	ng	99
34) Hexachlorobutadiene	10.56	225	56516	5.003	ng	93
35) Caprolactam	11.13	113	16617	3.822	ng	91
36) 4-Chloro-3-methylphenol	11.50	107	57266	3.975	ng	98
37) 2-Methylnaphthalene	11.87	142	147462	4.638	ng	98
38) 1-Methylnaphthalene	12.10	142	142159	4.701	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	96309	4.609	ng	99

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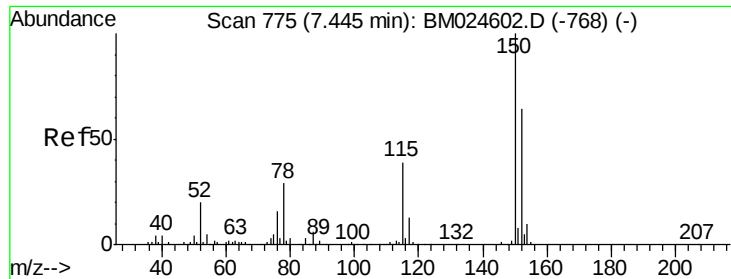
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.24	237	47452	4.052	ng	96
43) 2,4,6-Trichlorophenol	12.50	196	53897	4.054	ng	97
44) 2,4,5-Trichlorophenol	12.57	196	55012	4.051	ng	95
46) 1,1'-Biphenyl	12.92	154	212435	4.795	ng	99
47) 2-Chloronaphthalene	12.95	162	165712	4.633	ng	99
48) 2-Nitroaniline	13.16	65	42789	3.923	ng	96
49) Acenaphthylene	13.80	152	242055	4.521	ng	99
50) Dimethylphthalate	13.56	163	219523	4.637	ng	98
51) 2,6-Dinitrotoluene	13.67	165	42180	4.191	ng	88
52) Acenaphthene	14.16	154	150264	4.523	ng	99
53) 3-Nitroaniline	14.00	138	40067	3.838	ng	94
54) 2,4-Dinitrophenol	14.21	184	16210	2.693	ng	94
55) Dibenzofuran	14.49	168	254285	4.693	ng	98
56) 4-Nitrophenol	14.32	139	28660	3.512	ng	98
57) 2,4-Dinitrotoluene	14.46	165	57302	3.973	ng	93
58) Fluorene	15.14	166	202260	4.442	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.73	232	57761	4.195	ng	96
60) Diethylphthalate	14.94	149	215458	4.483	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	120291	4.582	ng	97
62) 4-Nitroaniline	15.16	138	42015	3.646	ng	86
63) Azobenzene	15.44	77	183829	4.484	ng	98
65) 4,6-Dinitro-2-methylphenol	15.23	198	25203	3.096	ng	96
66) n-Nitrosodiphenylamine	15.37	169	176438	4.436	ng	98
67) 4-Bromophenyl-phenylether	16.05	248	75769	4.401	ng	97
68) Hexachlorobenzene	16.16	284	93652	4.740	ng	96
69) Atrazine	16.33	200	64828	4.246	ng	98
70) Pentachlorophenol	16.50	266	43666	3.628	ng	98
71) Phenanthrene	16.88	178	343073	4.576	ng	100
72) Anthracene	16.97	178	319573	4.356	ng	99
73) Carbazole	17.24	167	286536	4.290	ng	98
74) Di-n-butylphthalate	17.84	149	343992	4.029	ng	100
75) Fluoranthene	18.91	202	410540	4.387	ng	98
77) Benzidine	19.11	184	119789	3.456	ng	99
78) Pyrene	19.27	202	431429	4.397	ng	100
80) Butylbenzylphthalate	20.22	149	150457	3.654	ng	100
81) Benzo(a)anthracene	21.04	228	470585	4.555	ng	98
82) 3,3'-Dichlorobenzidine	20.98	252	144697	3.894	ng	100
83) Chrysene	21.09	228	455413	4.620	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	226615	3.730	ng	98
85) Di-n-octyl phthalate	21.86	149	363909	3.626	ng	99
86) Indeno(1,2,3-cd)pyrene	25.23	276	478865	4.457	ng	99
88) Benzo(b)fluoranthene	22.54	252	452239	4.160	ng	99
89) Benzo(k)fluoranthene	22.59	252	466926	4.401	ng	99
90) Benzo(a)pyrene	23.07	252	413320	4.182	ng	99
91) Dibenzo(a,h)anthracene	25.24	278	404019	4.307	ng	98
92) Benzo(g,h,i)perylene	25.85	276	367357	4.313	ng	99

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



#1

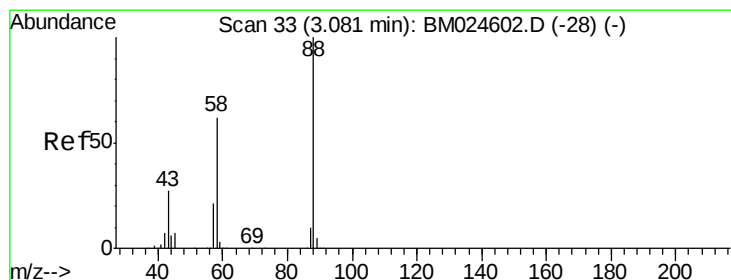
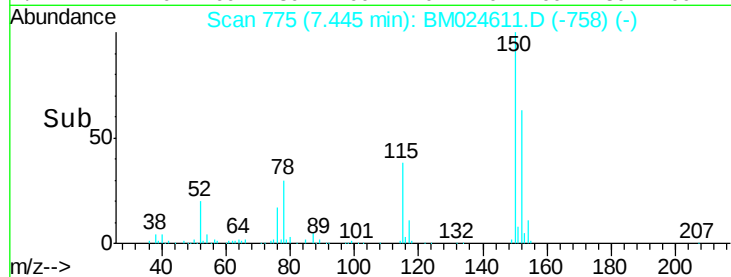
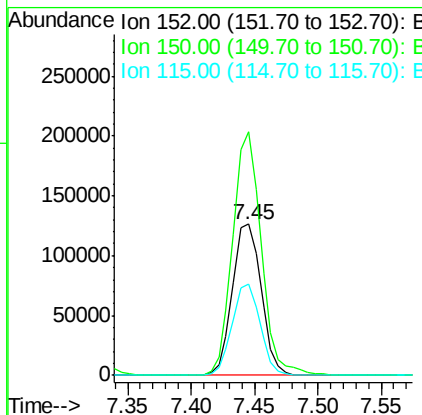
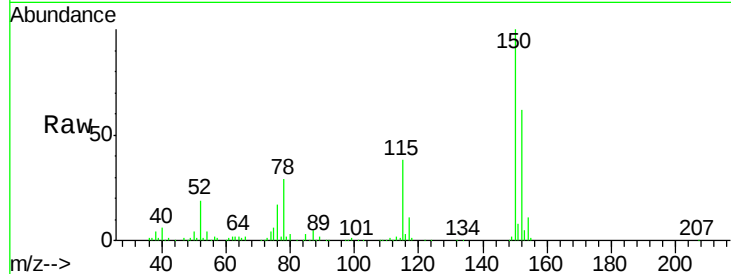
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.2	186.4
115	60.6	48.6	72.8

Manual Integrations
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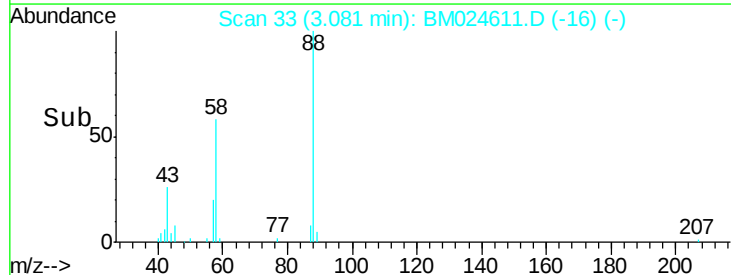
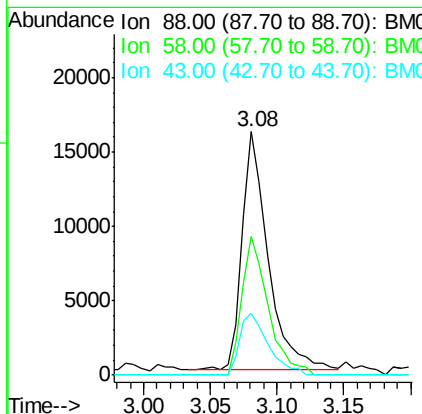
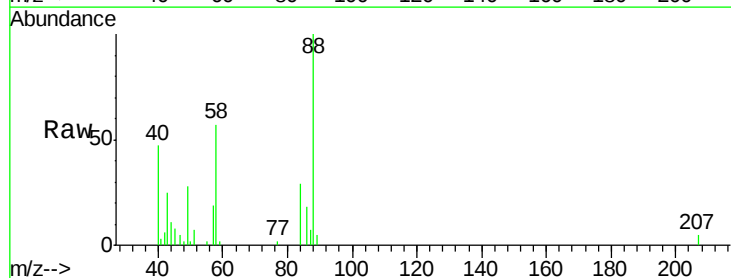
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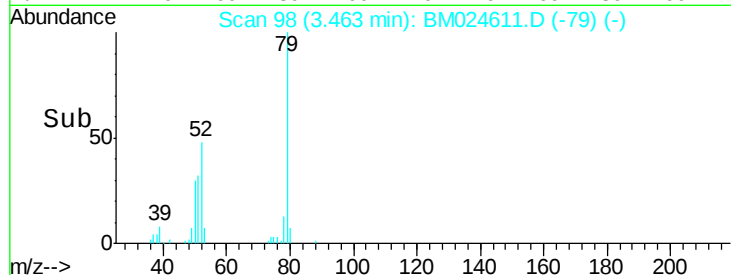
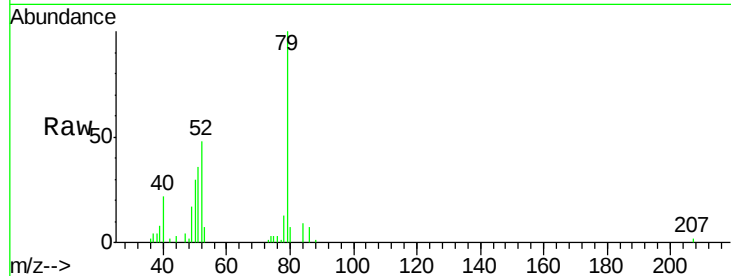
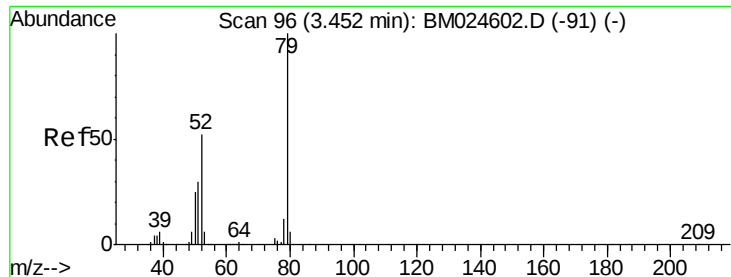


#2

1,4-Dioxane
Concen: 5.223 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.5	50.0	75.0
43	28.3	21.6	32.4





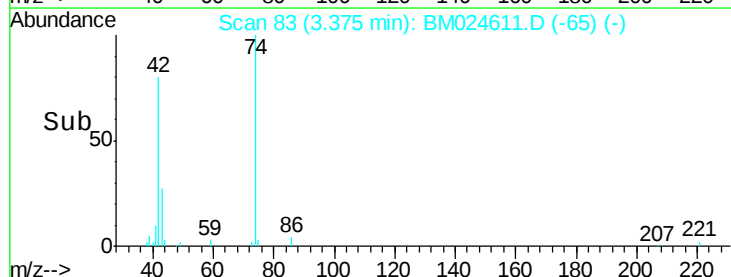
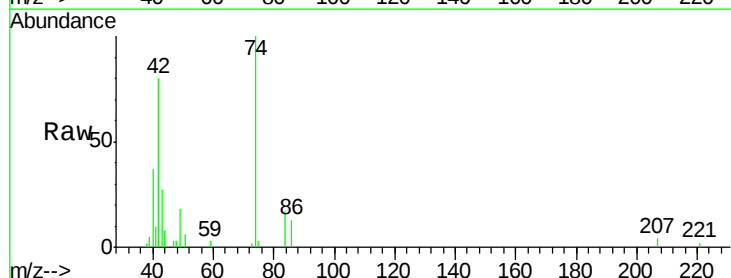
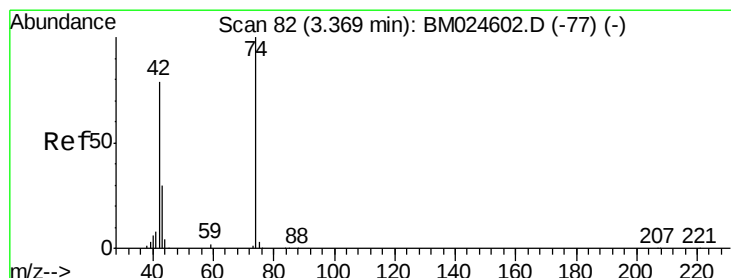
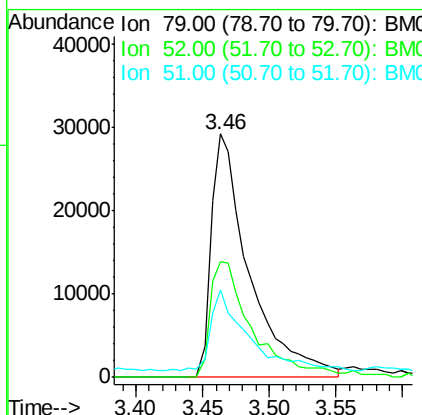
#3
 Pvridine
 Concen: 4.886 ng
 RT: 3.46 min Scan# 98
 Delta R.T. 0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	47.7	41.4	62.2
51	35.8	23.8	35.8#

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

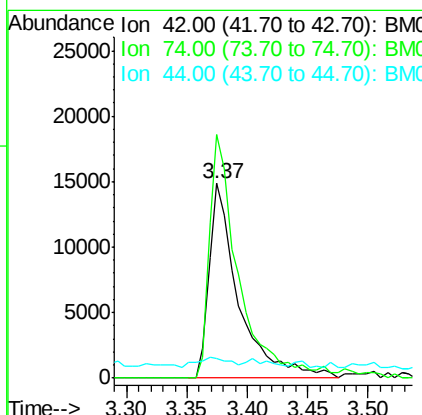
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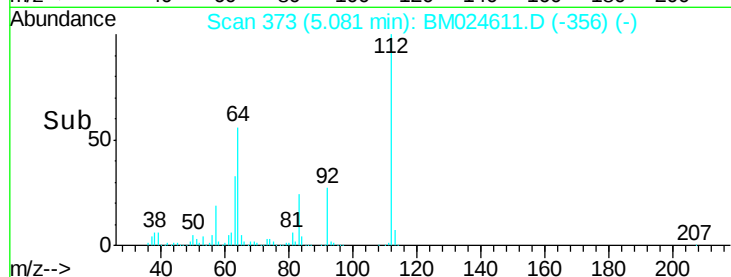
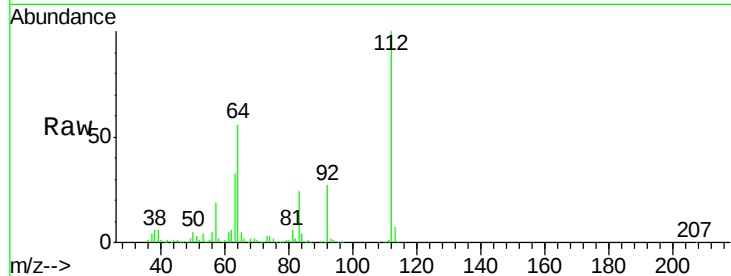
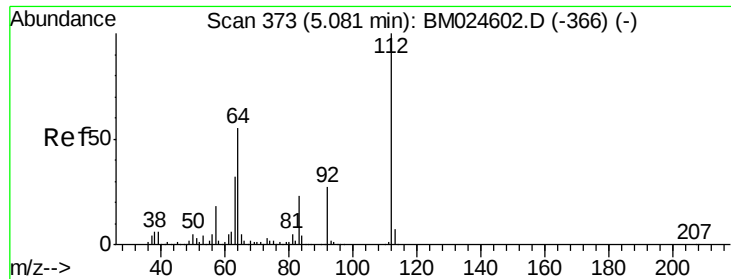
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#4
 n-Nitrosodimethylamine
 Concen: 4.705 ng
 RT: 3.37 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	124.9	101.4	152.2
44	10.3	4.6	6.8#





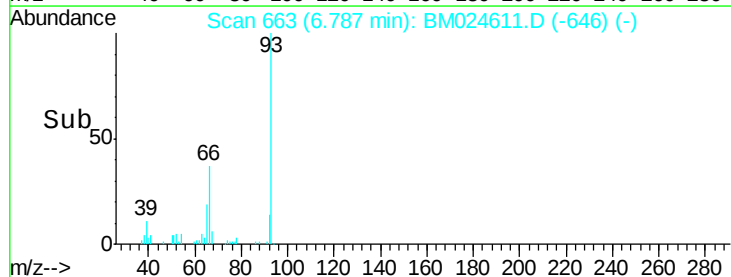
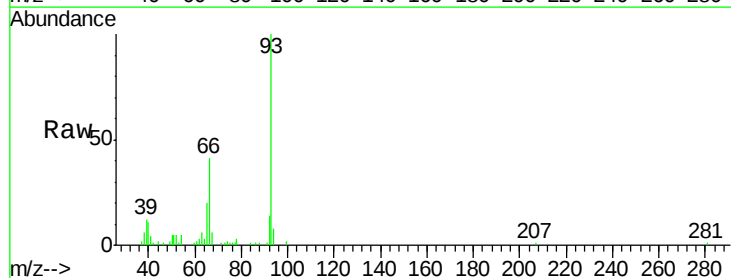
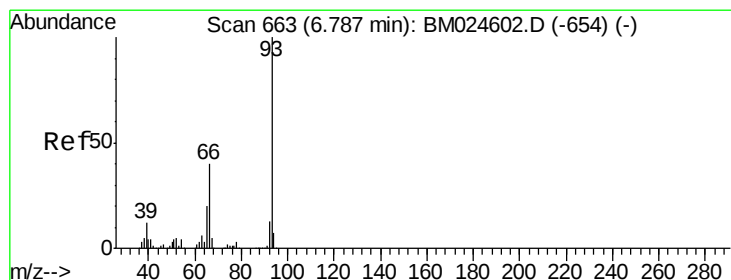
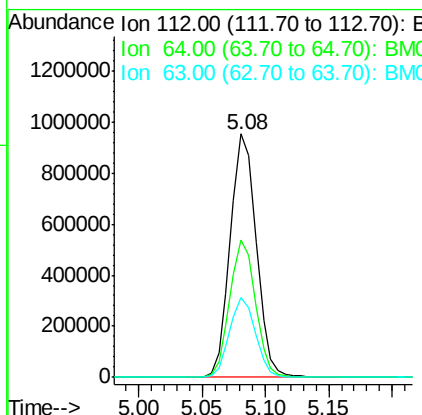
#5
2-Fluorophenol
Concen: 129.294 ng
RT: 5.08 min Scan# 373
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.2	66.4
63	32.9	25.9	38.9

Instrument :
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ClientSampleId :
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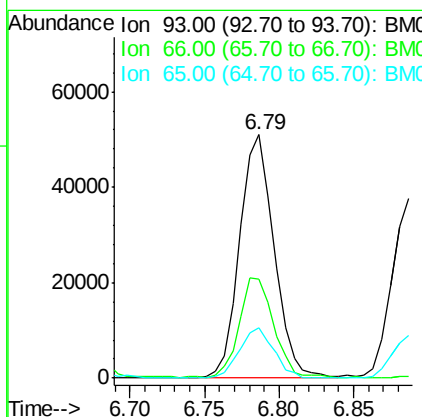
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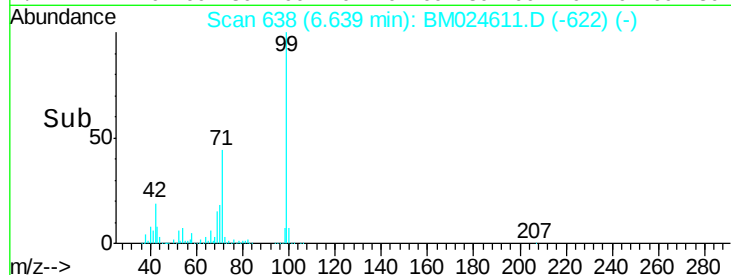
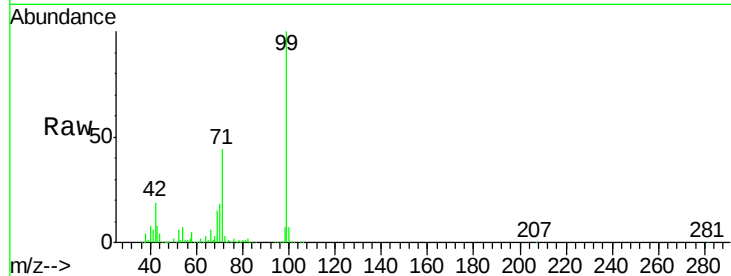
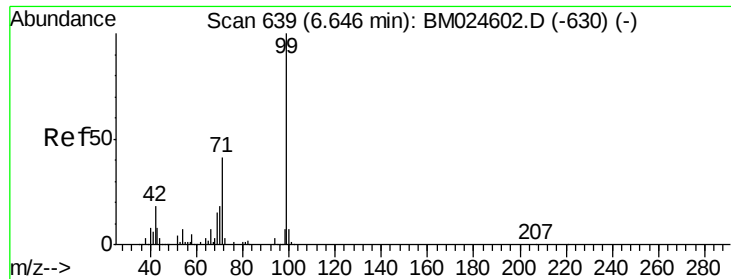
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#6
Aniline
Concen: 4.671 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.8	31.8	47.8
65	20.5	15.8	23.6





#7

Phenol-d6

Concen: 122.647 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tot Ion:	99	Resp:	1769848
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	43.8	33.0	49.6

Instrument :

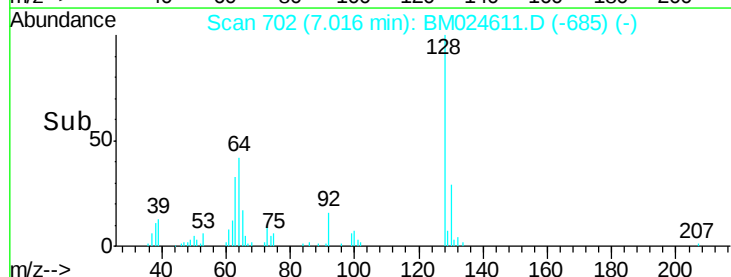
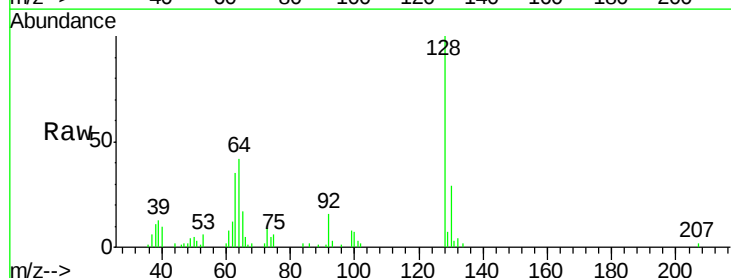
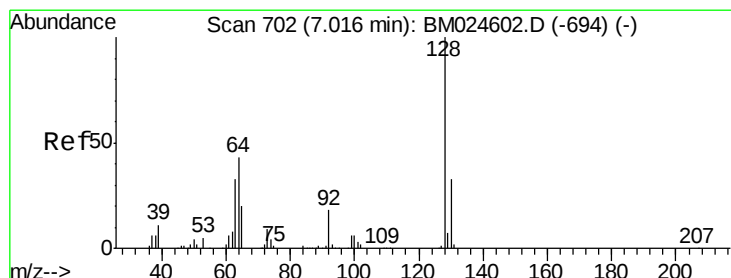
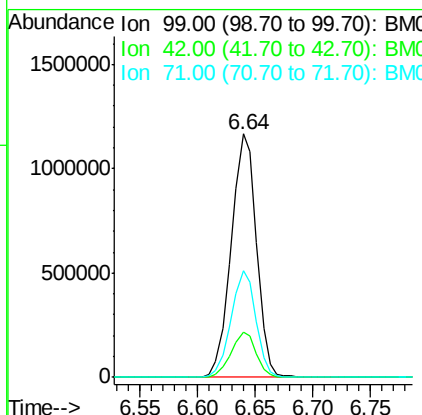
BNA_M

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#8

2-Chlorophenol

Concen: 4.664 ng

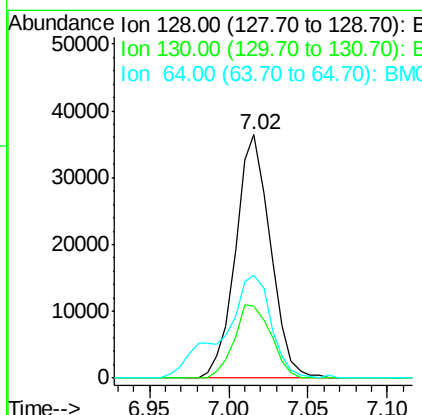
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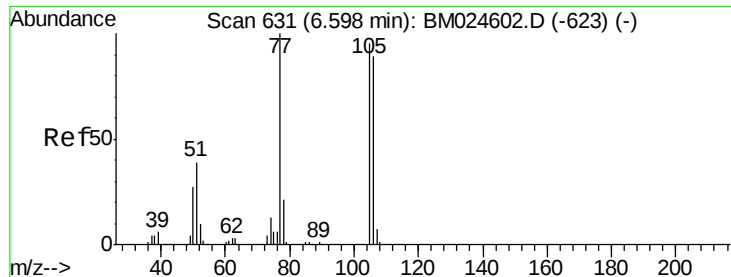
Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	128	Resp:	55619
Ion	Ratio	Lower	Upper
128	100		
130	29.4	12.5	52.5
64	42.4	26.1	66.1





#9

Benzaldehyde

Concen: 4.708 ng/mL

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

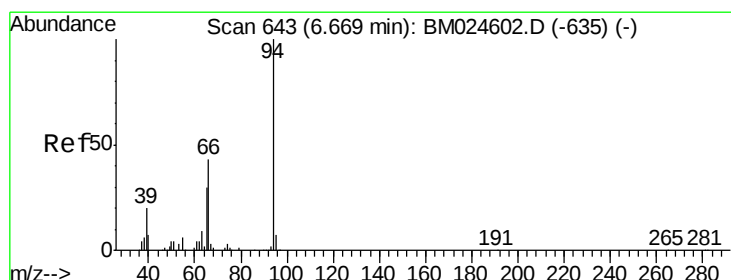
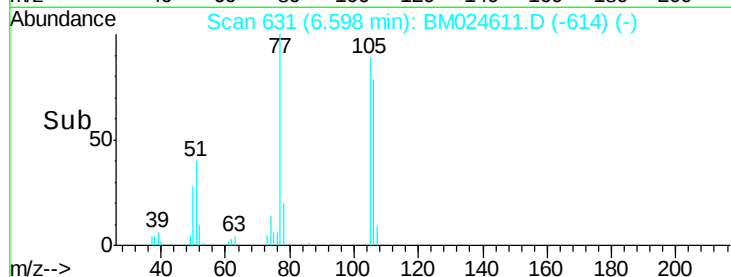
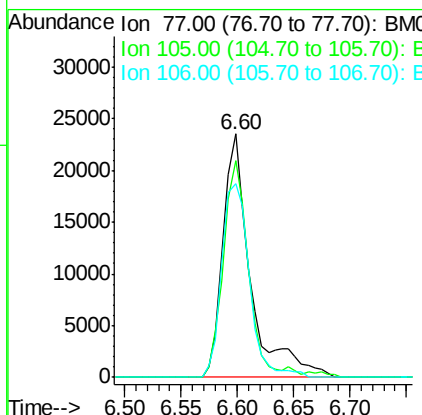
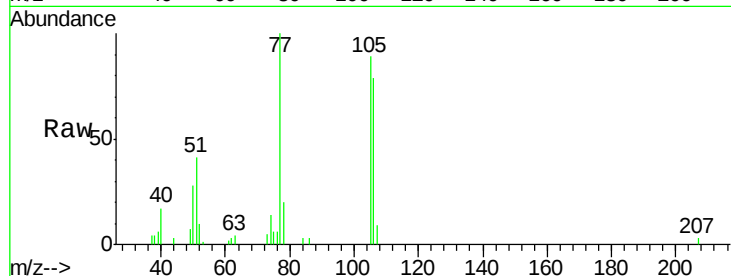
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	77	Resp:	40146
Ion	Ratio	Lower	Upper
77	100		
105	89.0	75.2	115.2
106	79.3	68.6	108.6

Manual Integrations
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#10

Phenol

Concen: 4.653 ng/mL

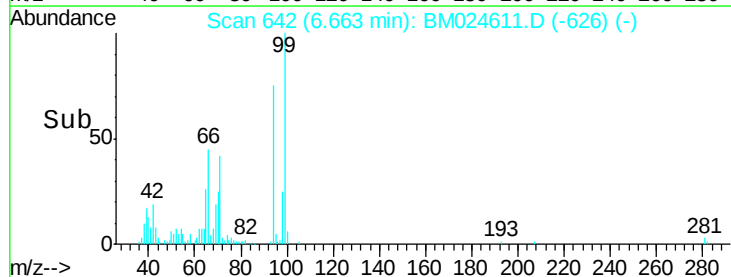
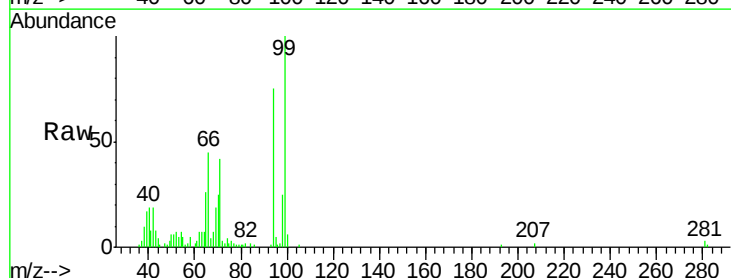
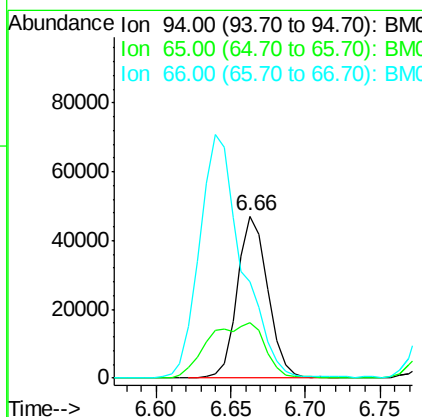
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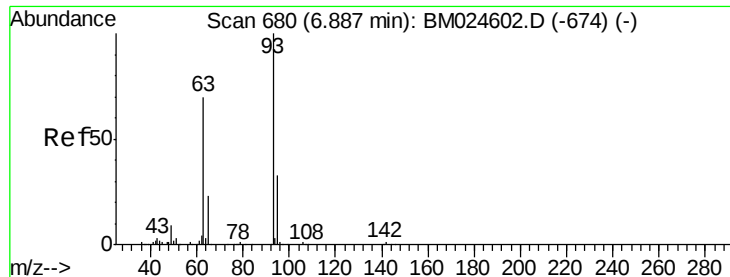
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	94	Resp:	66926
Ion	Ratio	Lower	Upper
94	100		
65	34.3	10.3	50.3
66	59.6	24.8	64.8





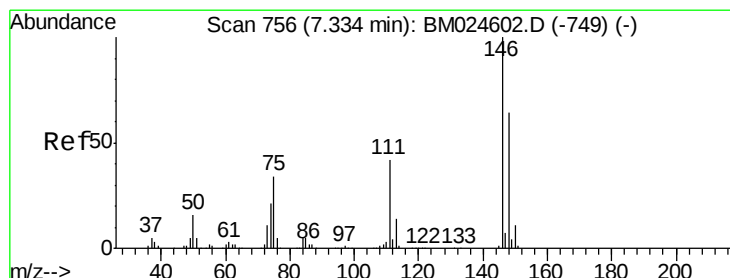
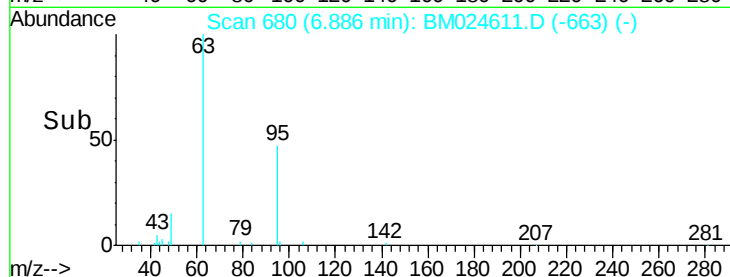
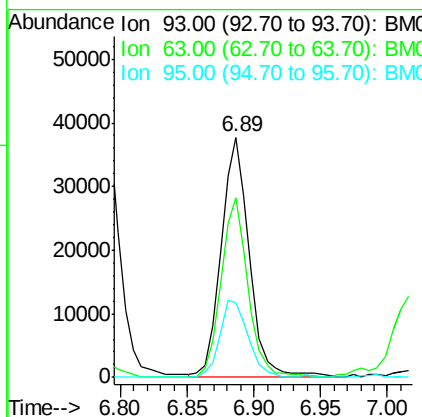
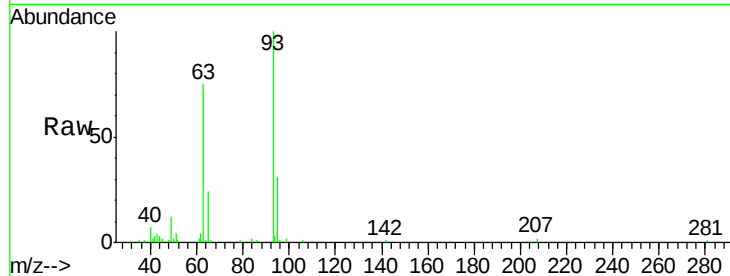
#11
bis(2-Chloroethyl)ether
Concen: 4.868 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion:	93	Resp:	56062
Ion	Ratio	Lower	Upper
93	100		
63	74.7	49.6	89.6
95	31.2	12.6	52.6

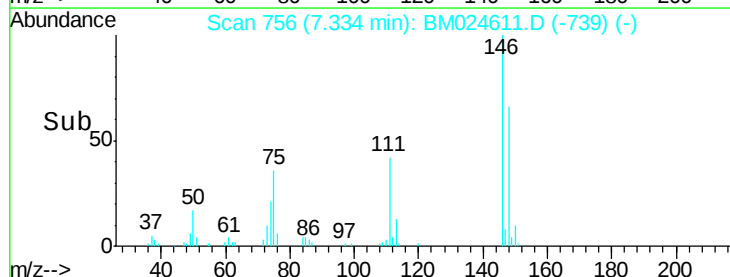
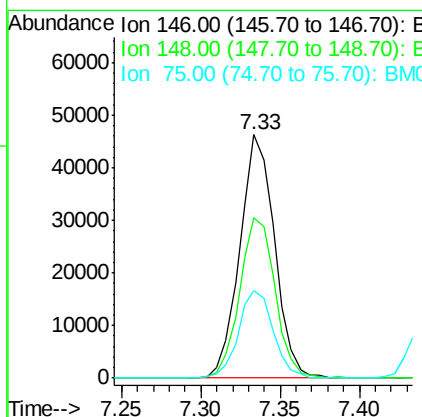
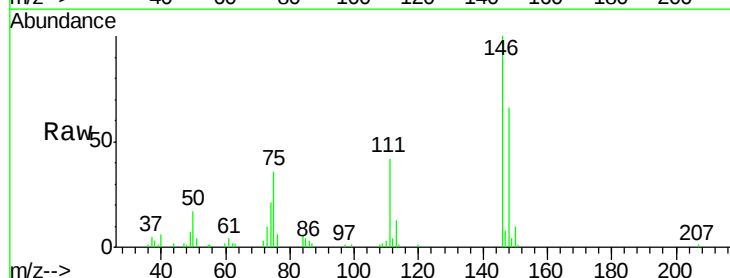
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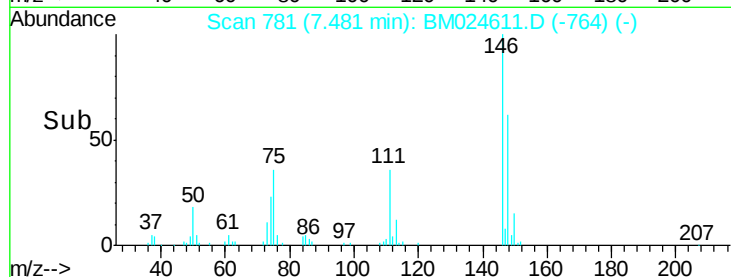
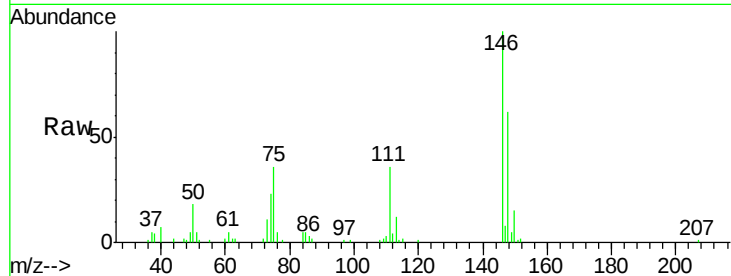
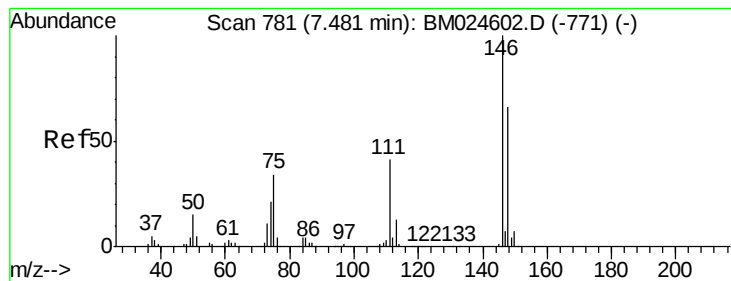
mohammad
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#12
1,3-Dichlorobenzene
Concen: 4.805 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion:	146	Resp:	70386
Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.6
75	35.9	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 4.886 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tot Ion:	146	Resp:	72615
Ion Ratio	Lower	Upper	
146	100		
148	61.8	52.5	78.7
111	35.9	33.0	49.4

Instrument :

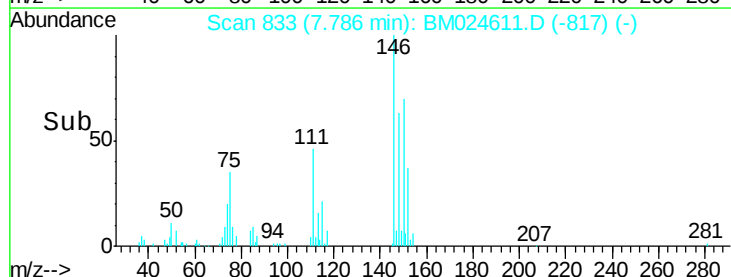
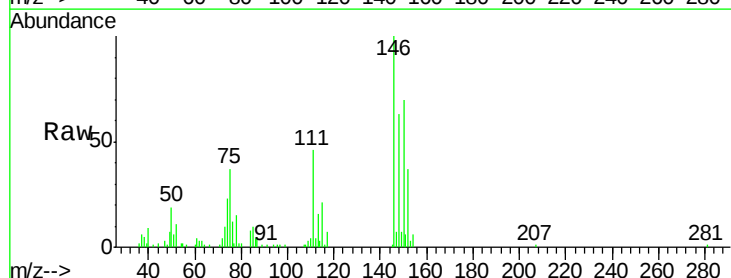
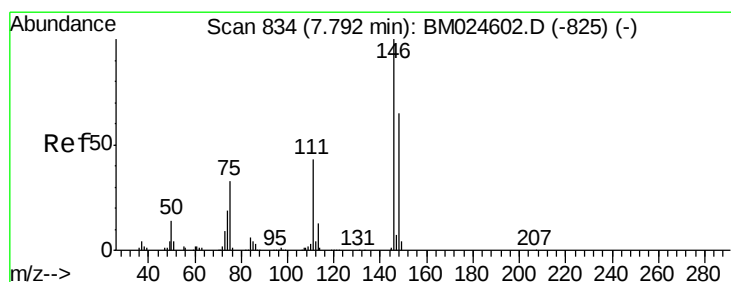
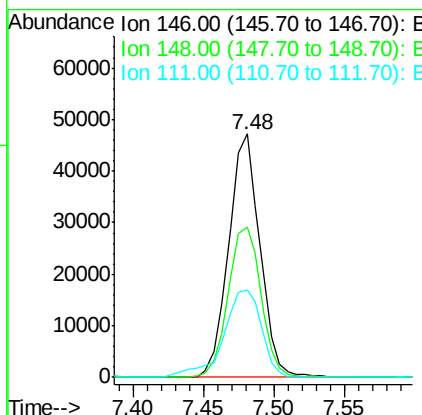
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

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#14

1,2-Dichlorobenzene

Concen: 4.854 ng

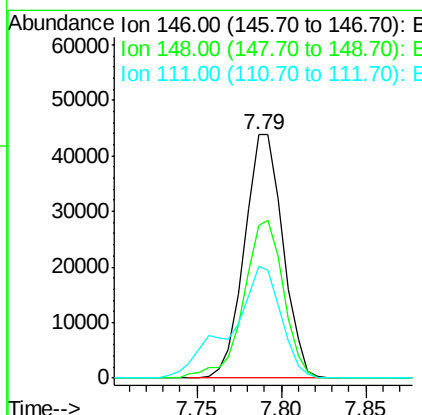
RT: 7.79 min Scan# 833

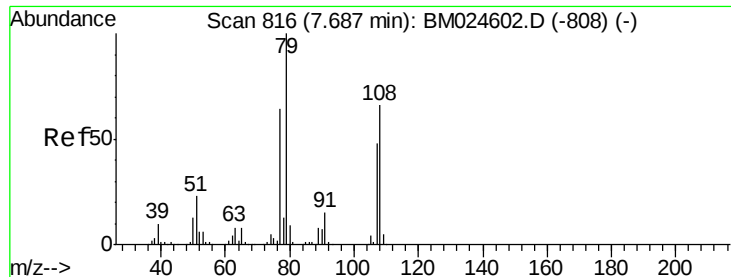
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	146	Resp:	69630
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.9	77.9
111	46.1	34.5	51.7





#15

Benzyl Alcohol

Concen: 4.513 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

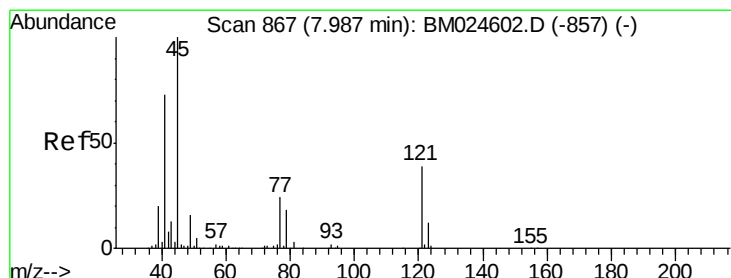
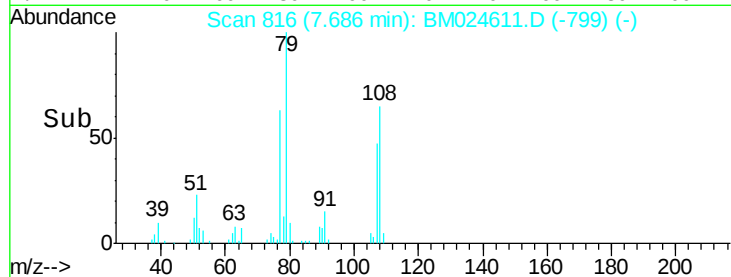
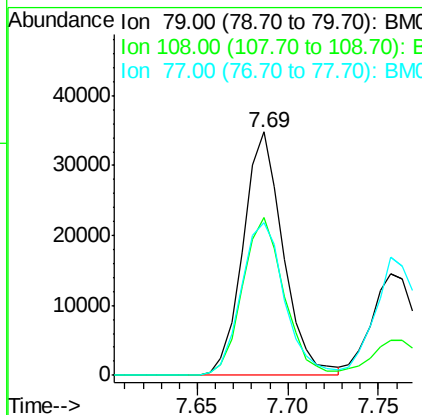
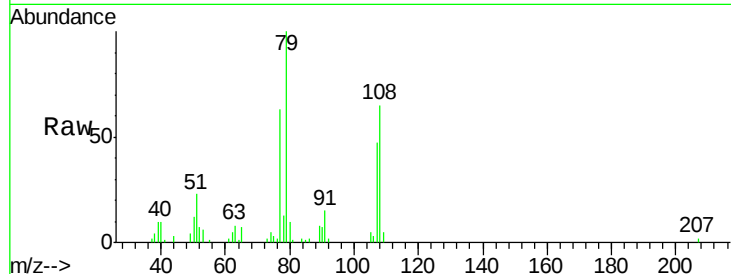
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	79	Resp:	53692
Ion	Ratio	Lower	Upper
79	100		
108	64.9	53.0	79.4
77	62.5	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.729 ng

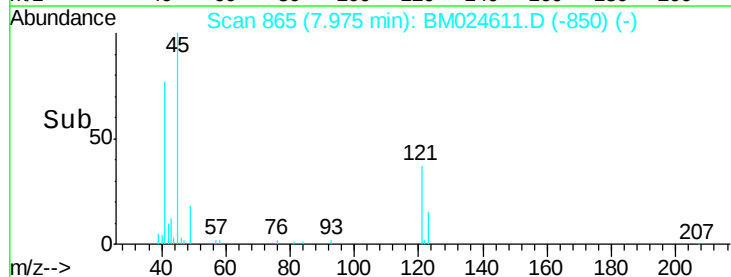
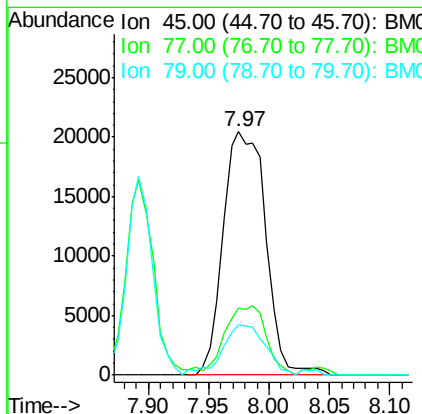
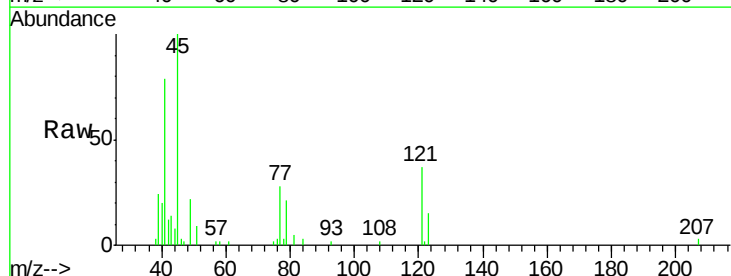
RT: 7.97 min Scan# 865

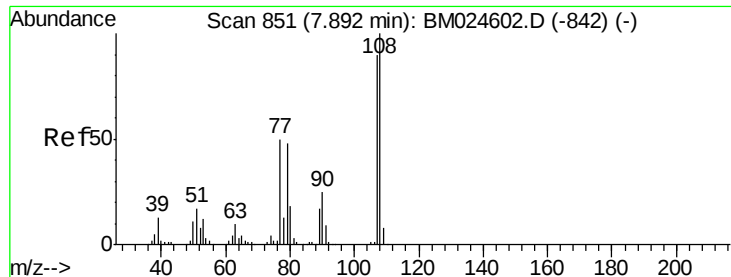
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	45	Resp:	49849
Ion	Ratio	Lower	Upper
45	100		
77	27.8	5.2	45.2
79	20.8	0.0	39.4





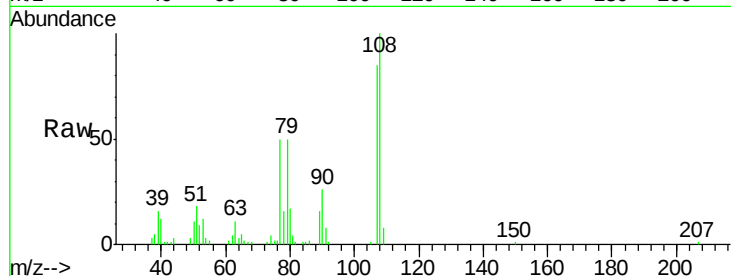
#17
2-Methylphenol
Concen: 4.366 ng
RT: 7.89 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

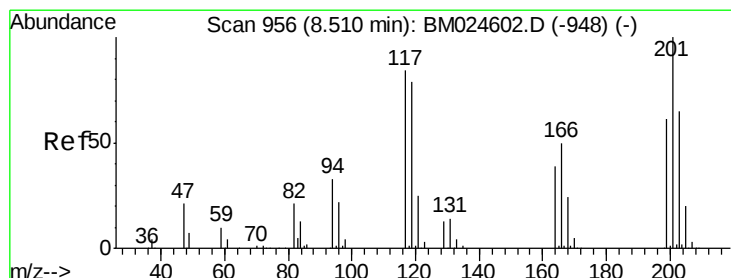
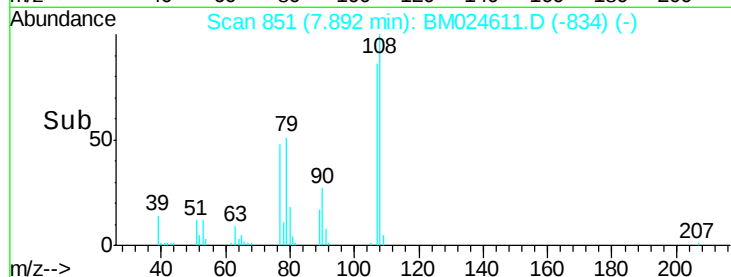
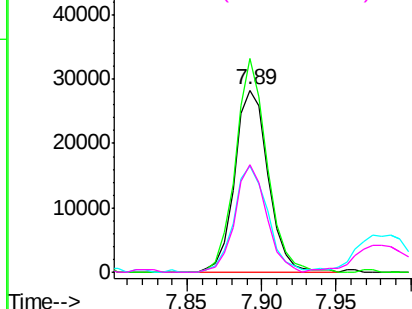
Tot Ion:	107	Resp:	44260
Ion	Ratio	Lower	Upper
107	100		
108	117.5	88.9	133.3
77	58.2	44.5	66.7
79	59.2	42.9	64.3

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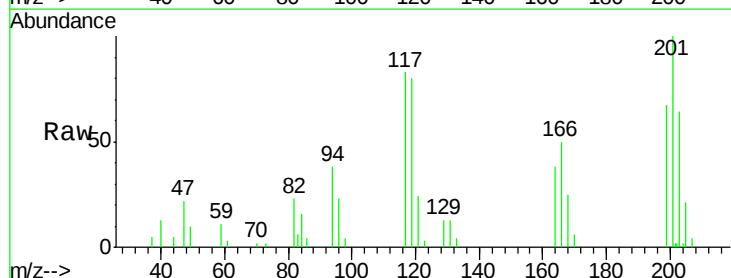


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

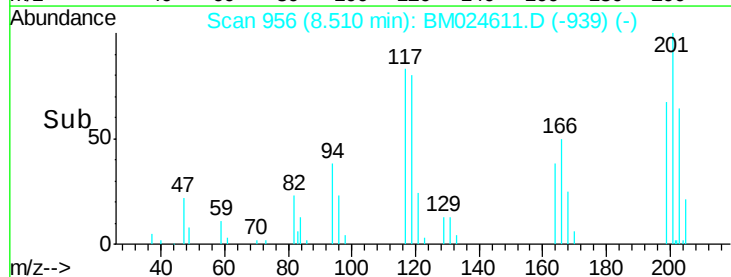
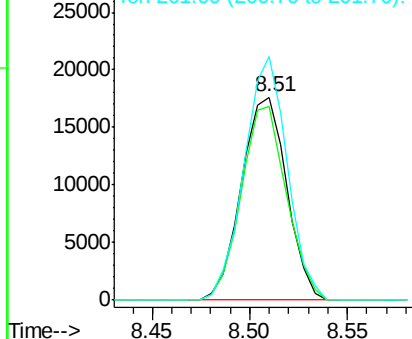


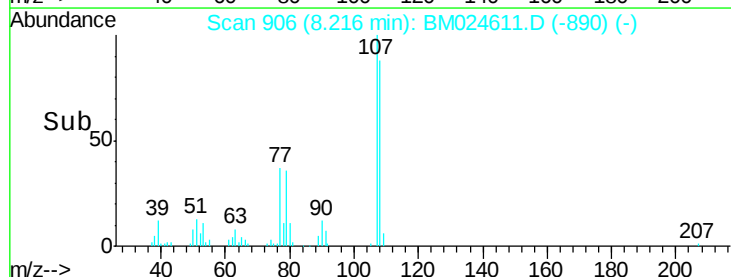
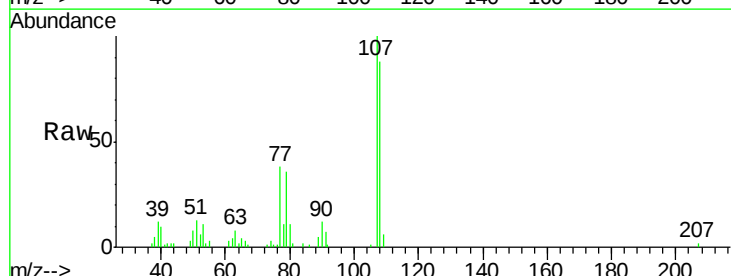
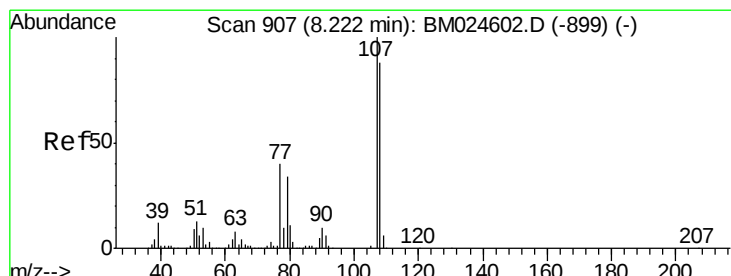
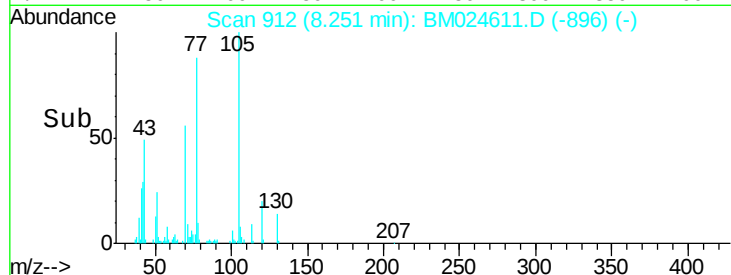
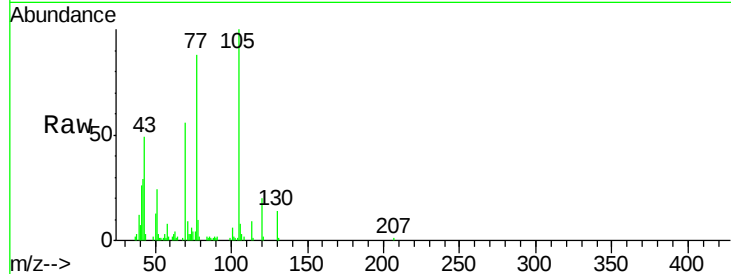
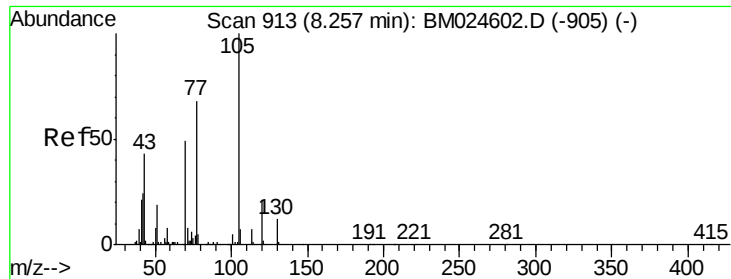
#18
Hexachloroethane
Concen: 4.935 ng
RT: 8.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion:	117	Resp:	28324
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.2
201	122.3	95.8	143.6



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





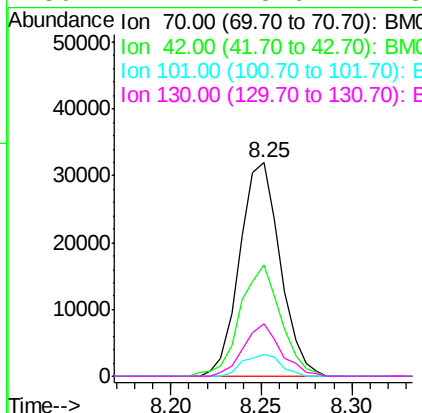
#19
n-Nitroso-di-n-propylamine
Concen: 4.587 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.4	40.0	60.0	
101	10.0	8.2	12.2	
130	24.4	18.6	27.8	

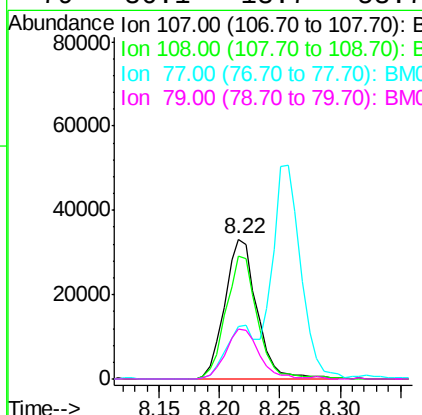
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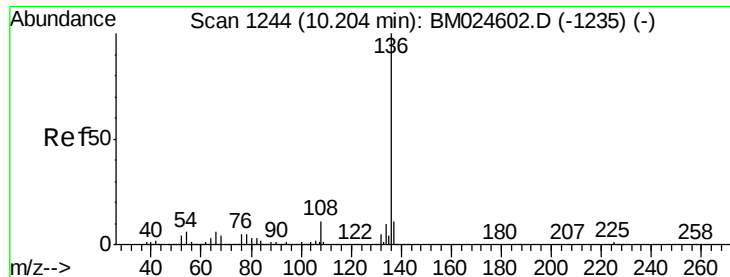
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#20
3+4-Methylphenols
Concen: 4.382 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	68.0	108.0	
77	37.8	19.9	59.9	
79	36.1	13.7	53.7	





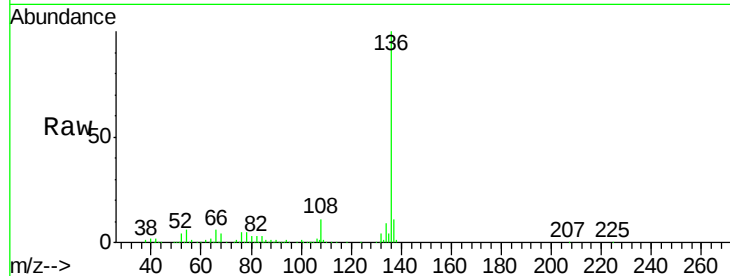
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	815696		
137	11.1	8.6	13.0	
54	5.9	4.5	6.7	
68	4.2	3.4	5.0	

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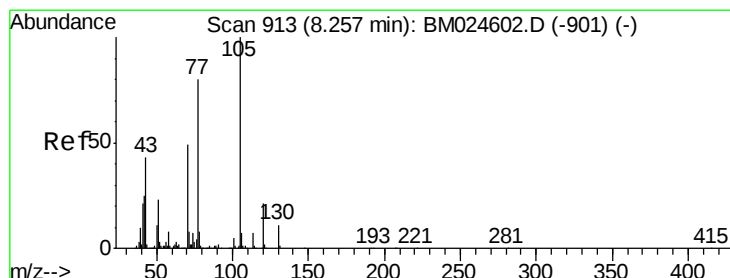
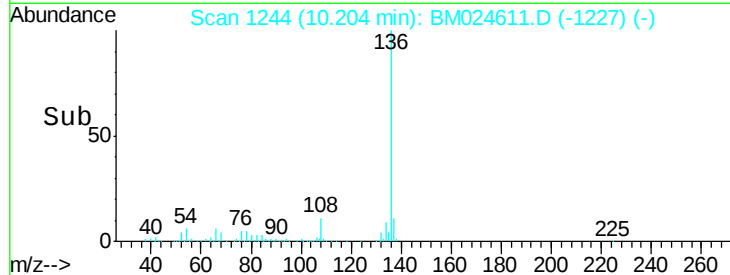
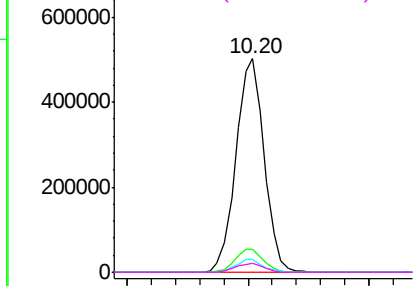
Abundance

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: 4.771 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	100353		
71	6.2	6.7	10.1#	
51	23.7	18.5	27.7	
120	20.7	16.6	25.0	

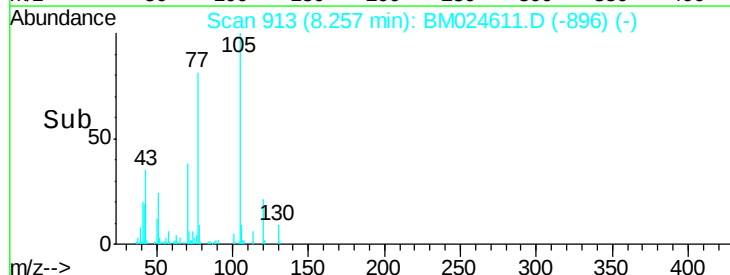
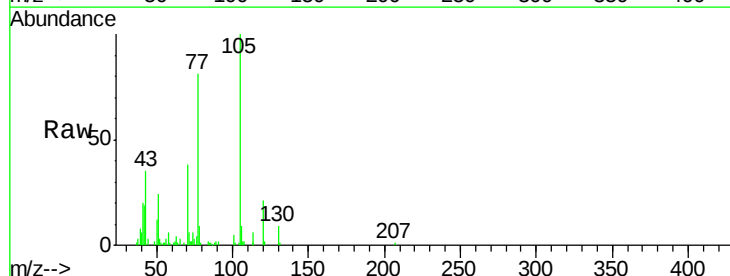
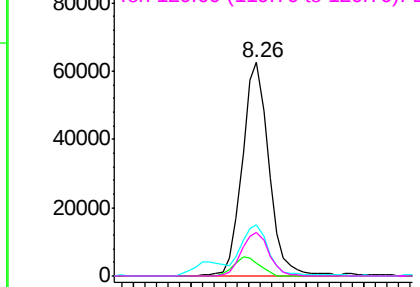
Abundance

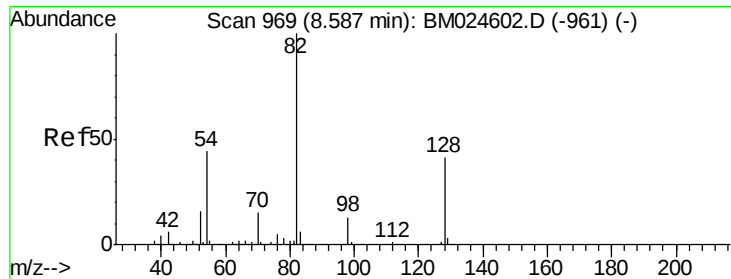
Ion 105.00 (104.70 to 105.70): E

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





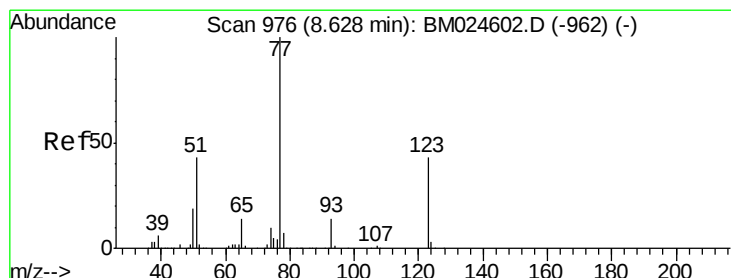
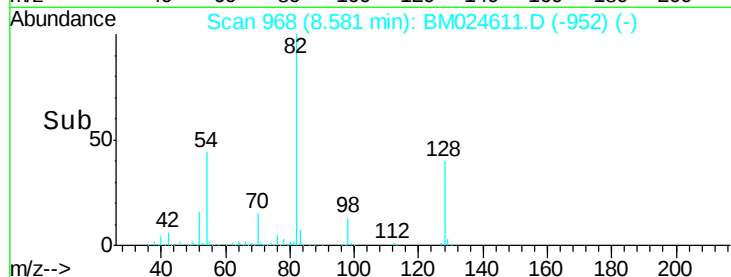
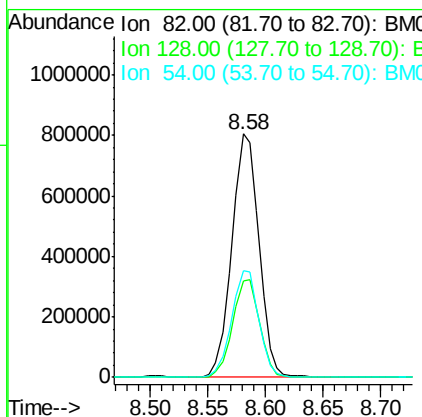
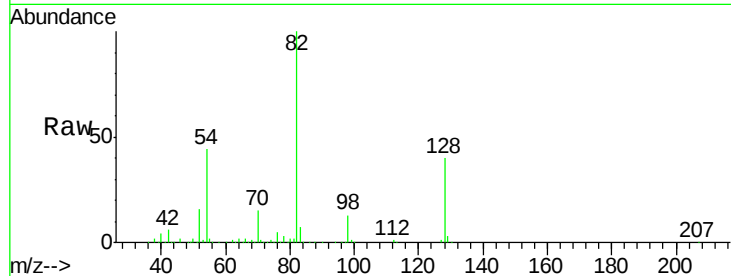
#23
Nitrobenzene-d5
Concen: 78.799 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion: 82 Resp: 1310649
Ion Ratio Lower Upper
82 100
128 39.9 32.6 48.8
54 43.7 34.8 52.2

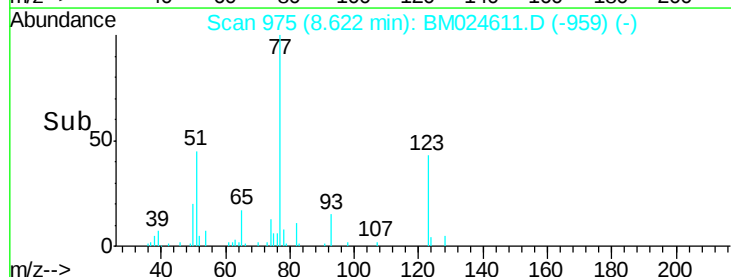
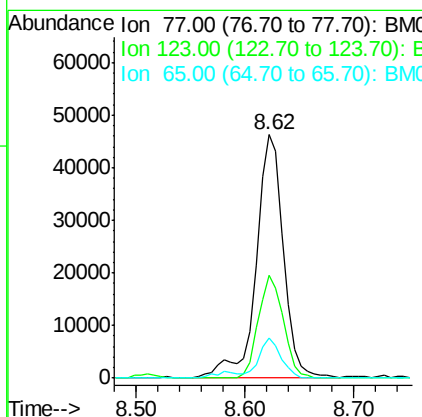
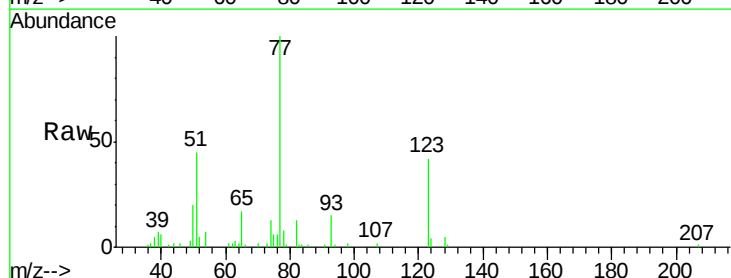
Manual Integrations
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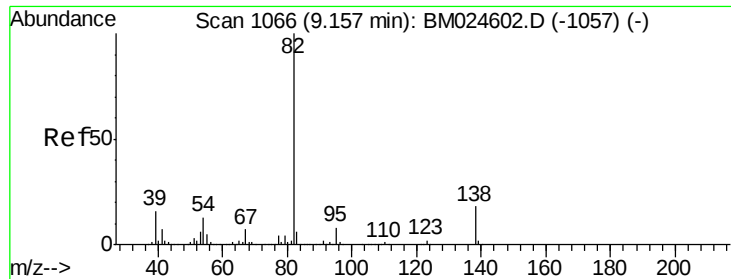
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#24
Nitrobenzene
Concen: 5.071 ng m
RT: 8.62 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion: 77 Resp: 80821
Ion Ratio Lower Upper
77 100
123 42.4 34.6 52.0
65 16.6 11.0 16.4#





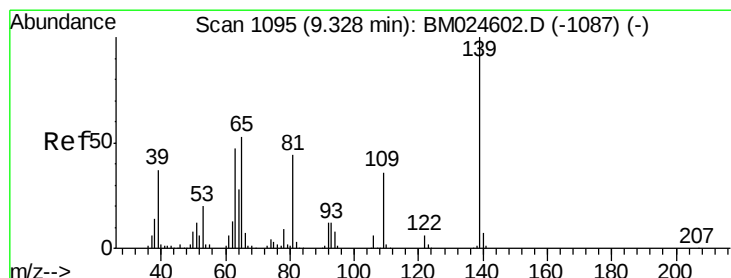
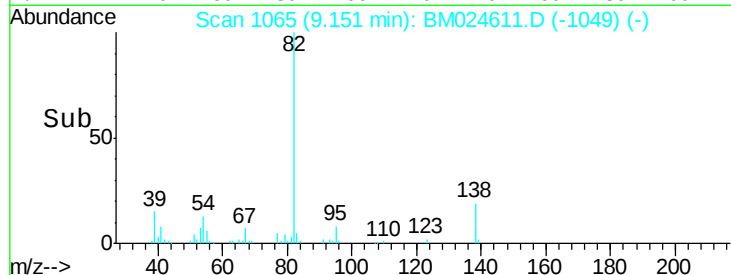
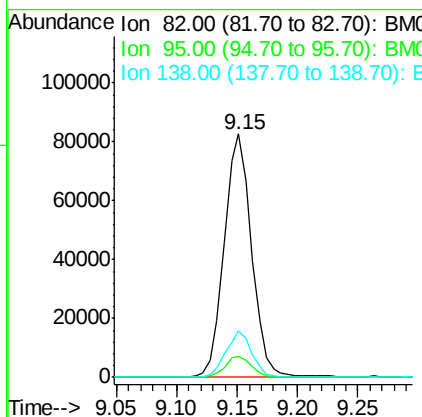
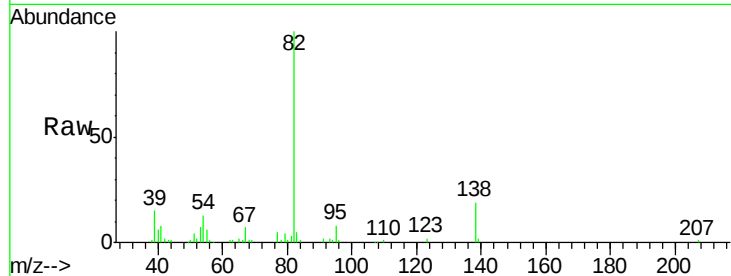
#25
Isophorone
Concen: 4.618 ng
RT: 9.15 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	6.7	10.1	
138	18.8	14.7	22.1	

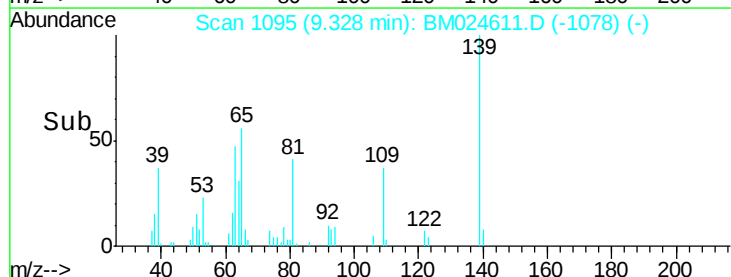
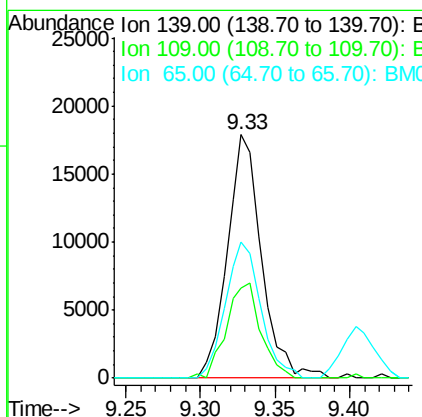
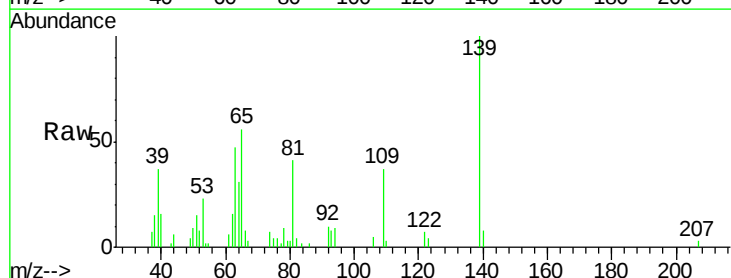
Manual Integrations
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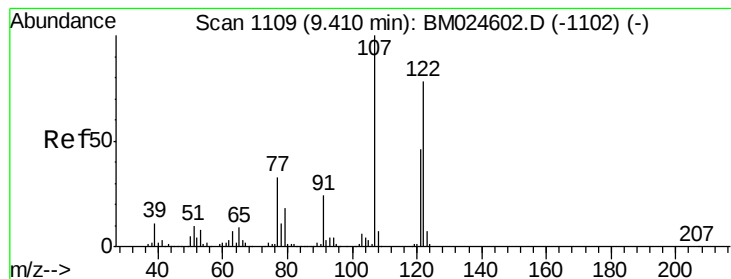
mohammad
1/24/2020 1:55:13 PM



#26
2-Nitrophenol
Concen: 3.883 ng
RT: 9.33 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.0	28.8	43.2	
65	56.0	42.6	63.8	





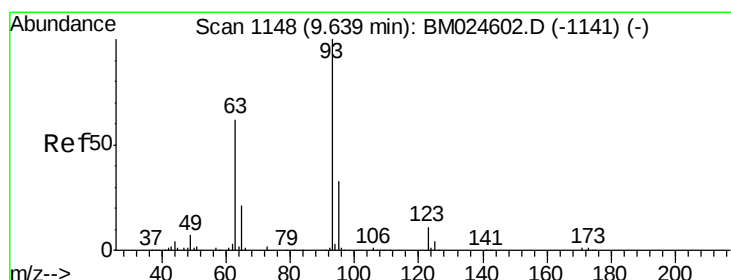
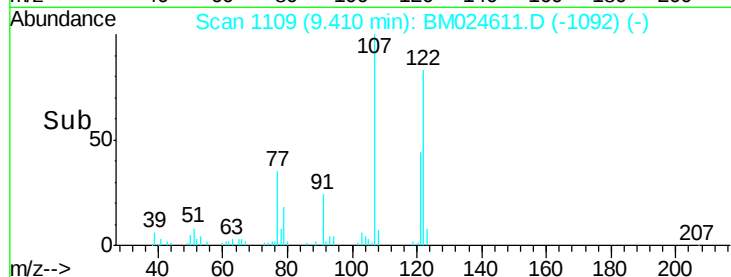
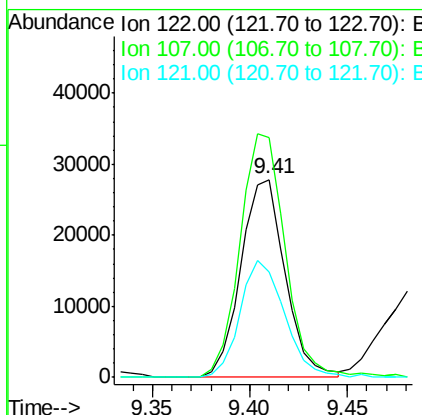
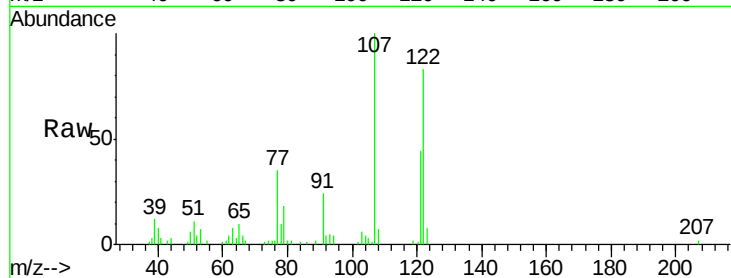
#27
2,4-Dimethylphenol
Concen: 4.378 ng
RT: 9.41 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	121.1	102.5	153.7		
121	53.5	47.0	70.4		

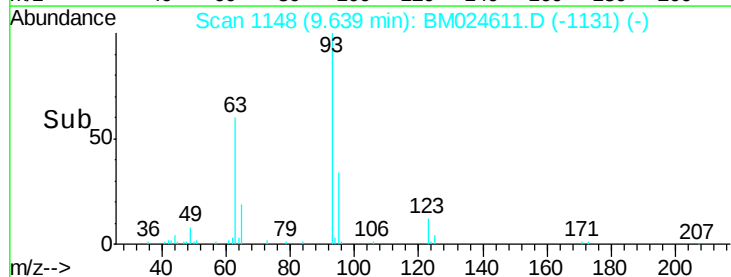
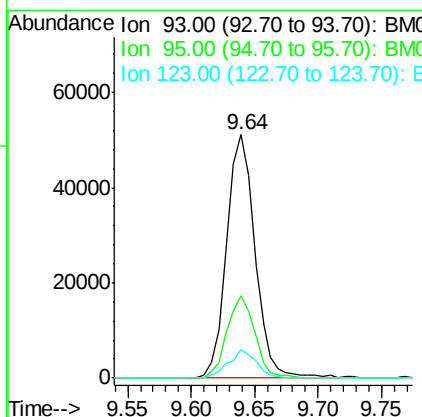
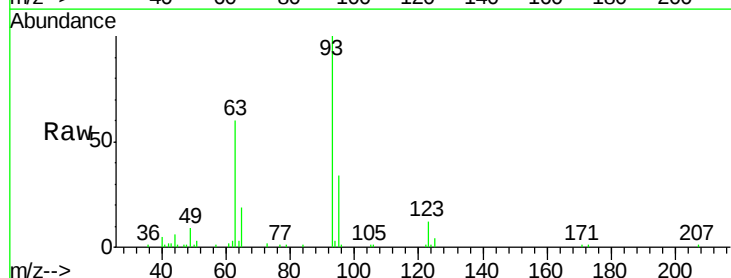
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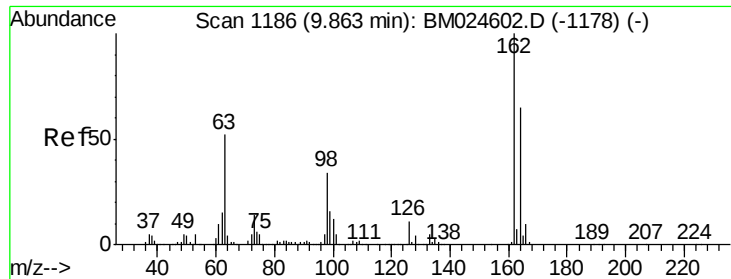
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 4.591 ng
RT: 9.64 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.9	26.1	39.1		
123	11.7	8.7	13.1		





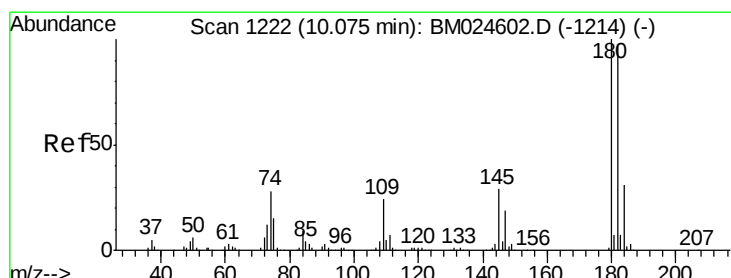
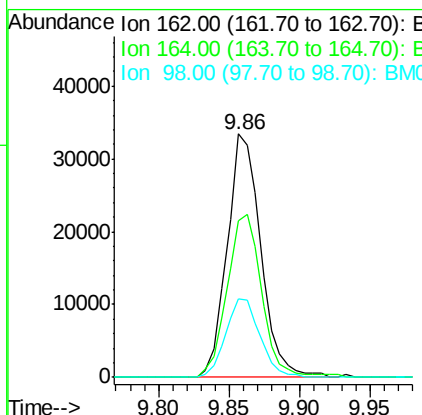
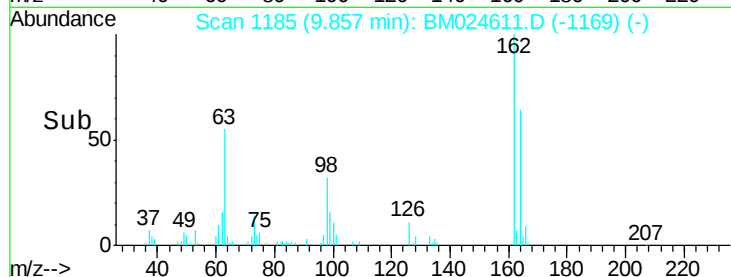
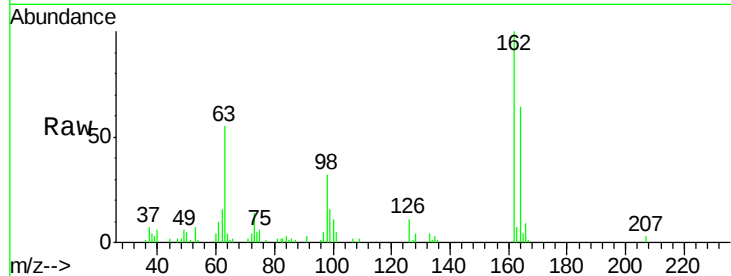
#29
 2,4-Dichlorophenol
 Concen: 4.087 ng
 RT: 9.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	55382		
164	64.5		44.5	84.5
98	32.1		14.2	54.2

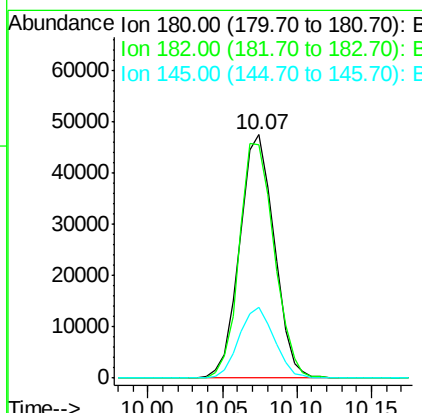
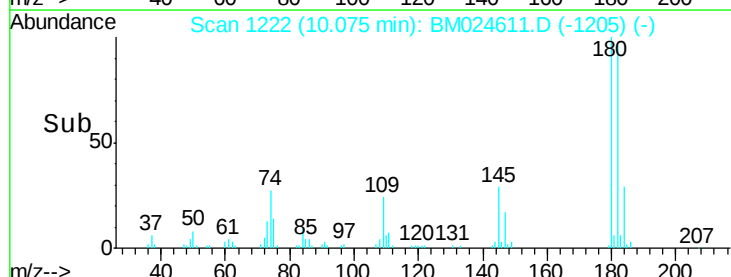
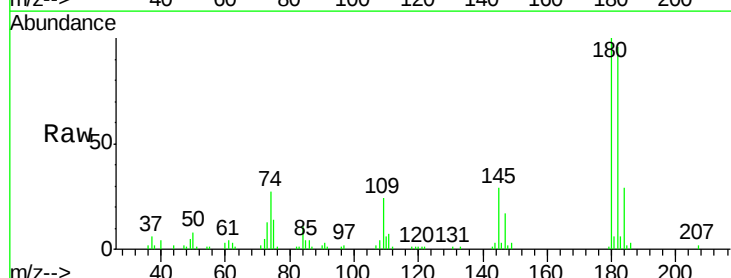
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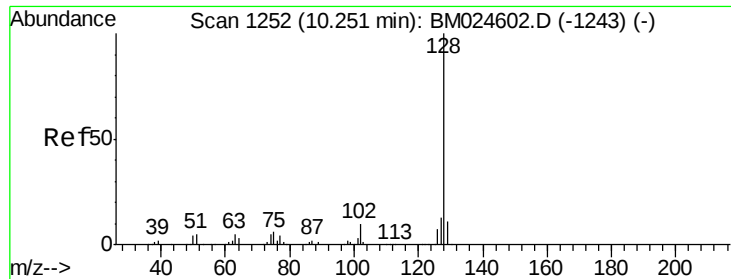
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#30
 1,2,4-Trichlorobenzene
 Concen: 4.660 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	76151		
182	96.0		77.8	116.6
145	28.9		22.9	34.3





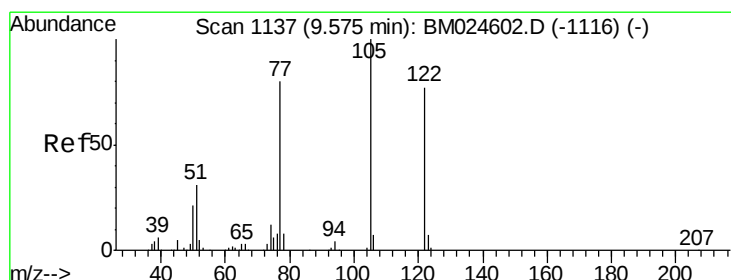
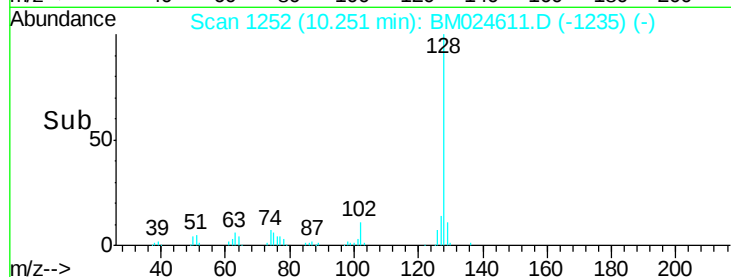
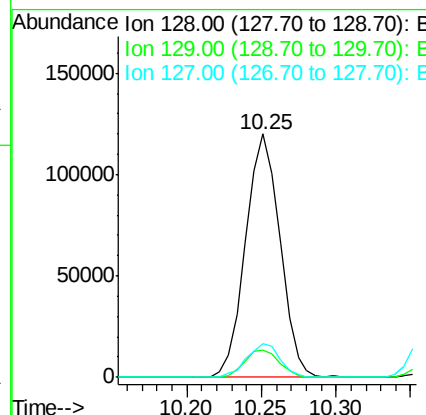
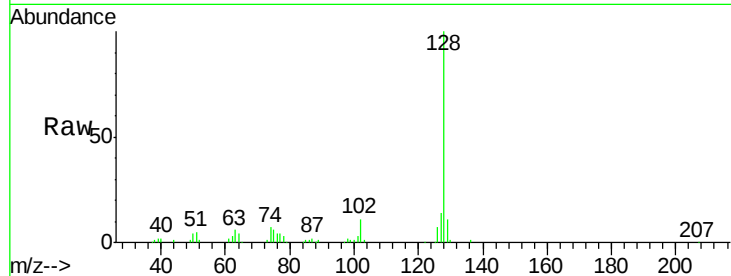
#31
Naphthalene
Concen: 4.667 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.8	10.6	15.8

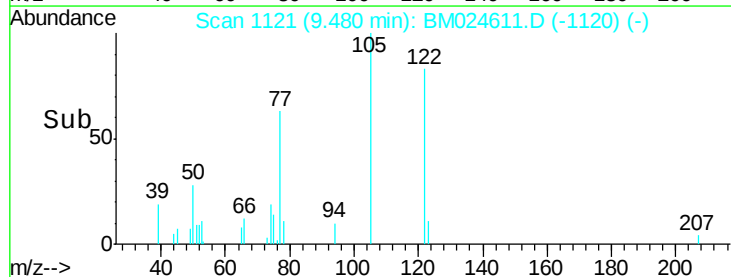
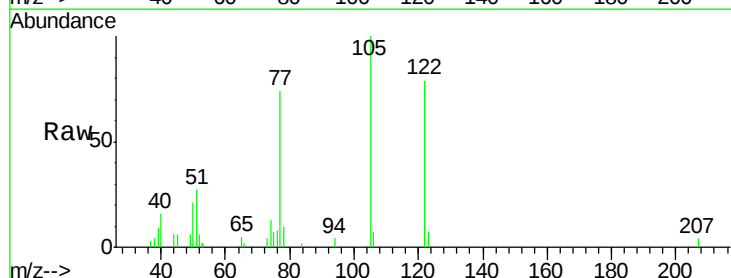
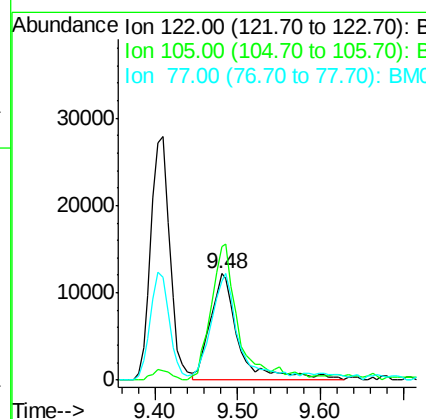
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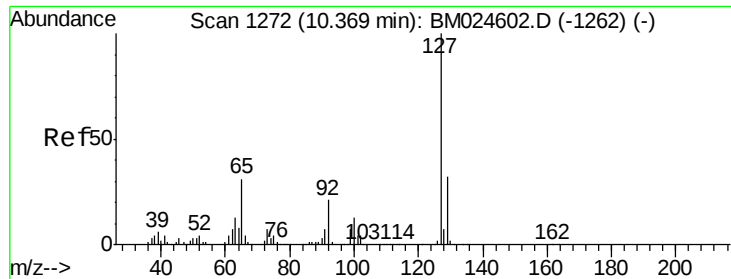
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#32
Benzoic acid
Concen: 3.207 ng m
RT: 9.48 min Scan# 1121
Delta R.T. -0.09 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.2	107.7	147.7
77	93.1	83.8	123.8





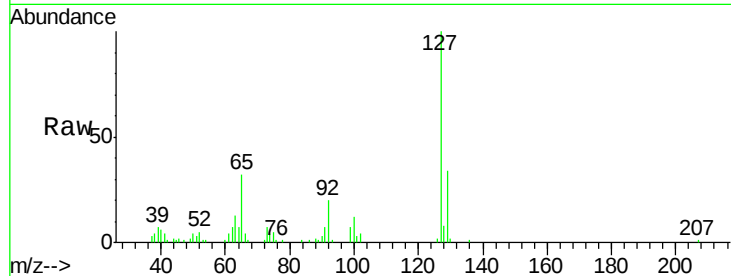
#33
4-Chloroaniline
Concen: 4.483 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		80950		
129	33.5	25.9	38.9		
65	31.6	25.1	37.7		
92	20.2	16.6	25.0		

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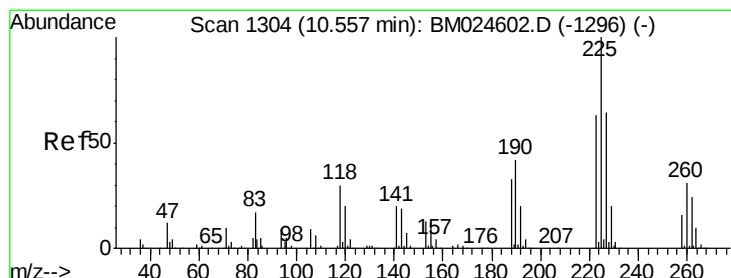
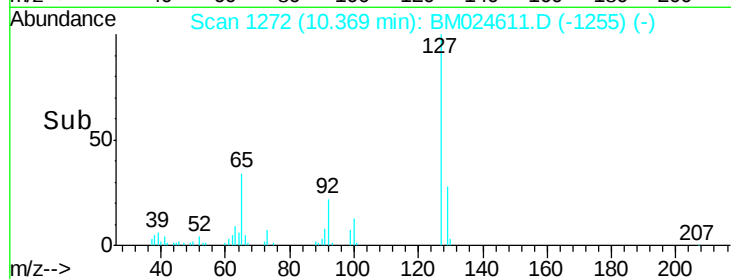
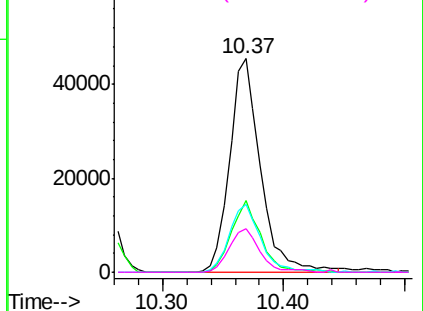


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

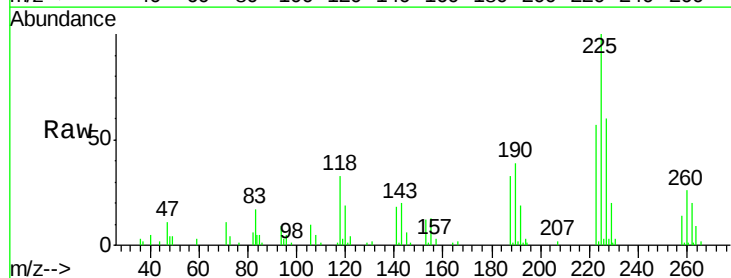
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 5.003 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

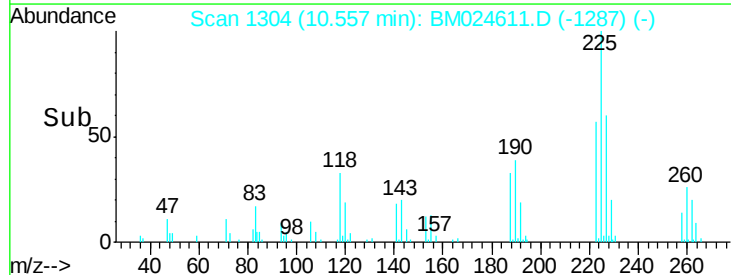
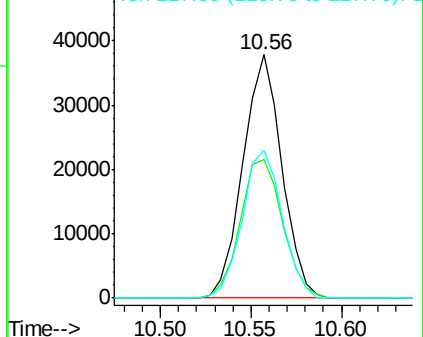
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		56516		
223	56.8	50.7	76.1		
227	60.4	51.4	77.0		

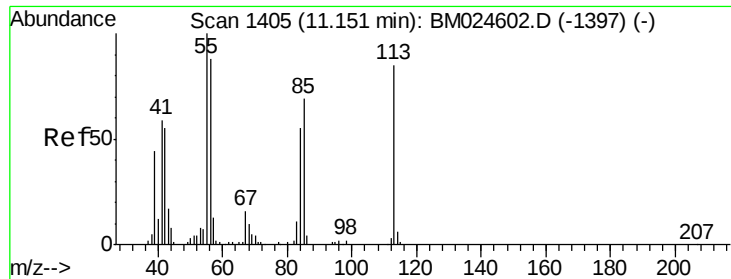


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.822 ng

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

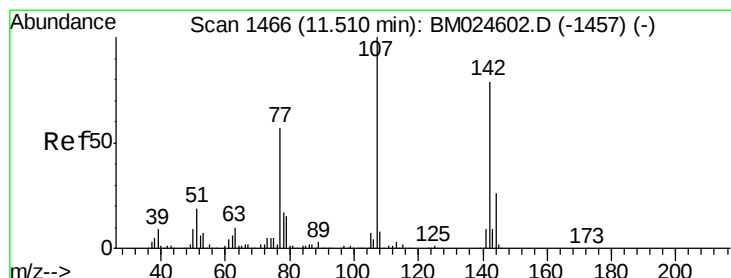
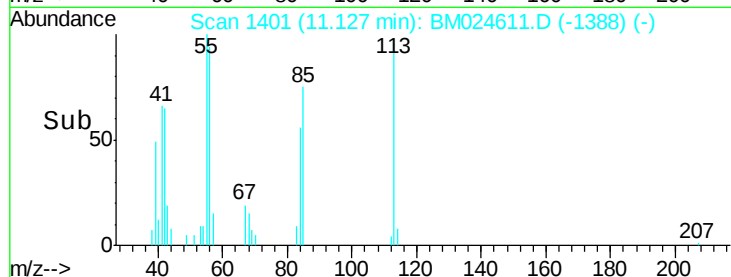
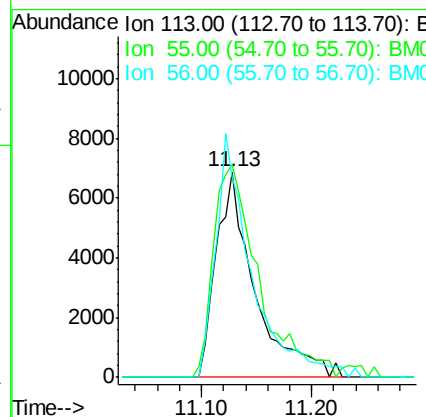
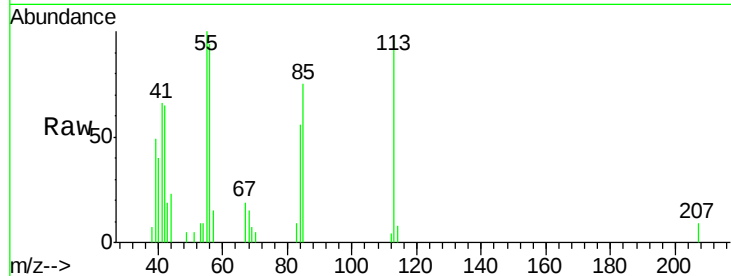
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	113	Resp:	16617
Ion Ratio	Lower	Upper	
113	100		
55	104.0	97.5	137.5
56	97.8	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 3.975 ng

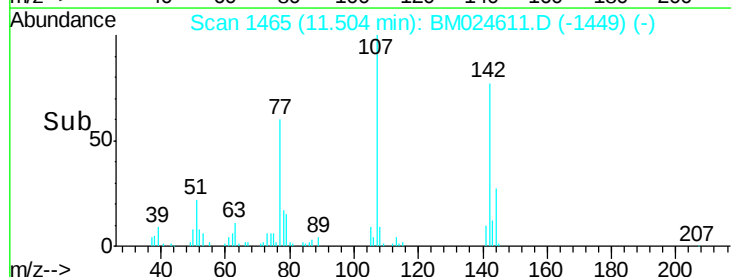
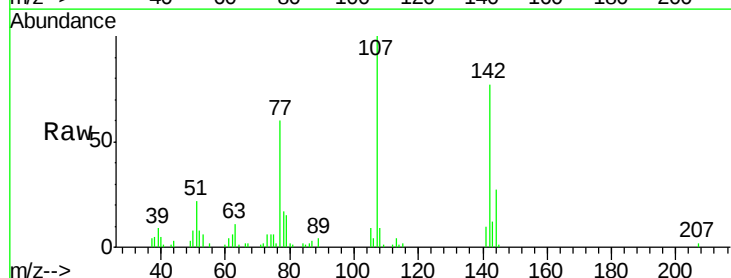
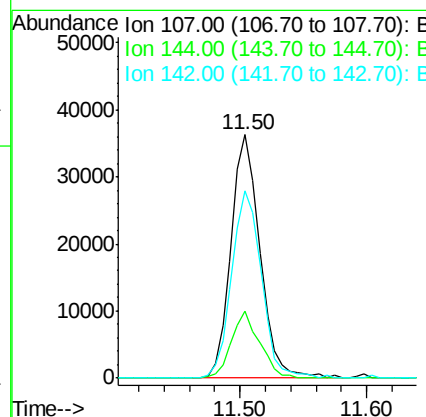
RT: 11.50 min Scan# 1465

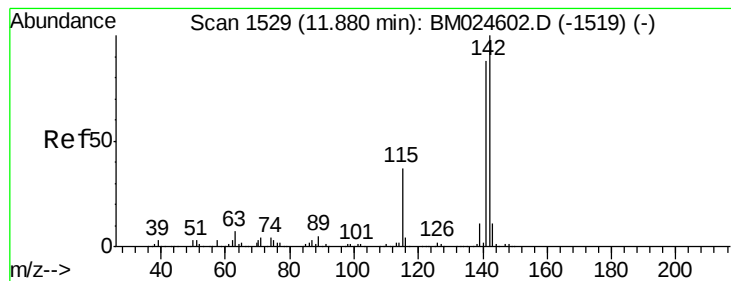
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	107	Resp:	57266
Ion Ratio	Lower	Upper	
107	100		
144	27.4	20.5	30.7
142	77.2	62.8	94.2





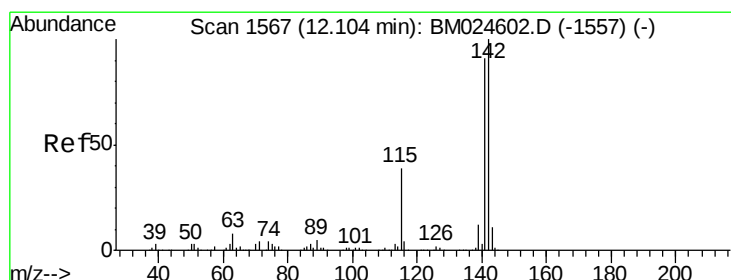
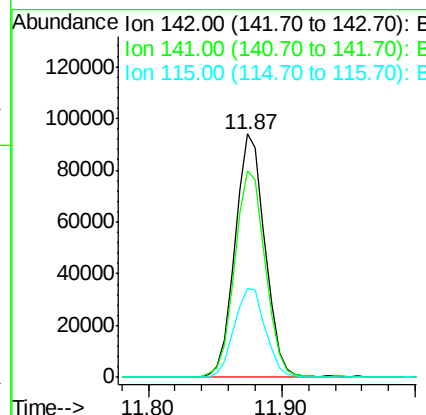
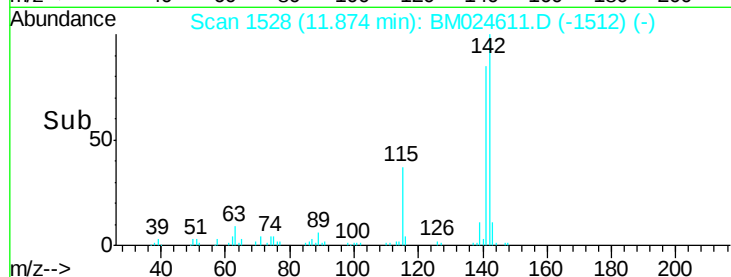
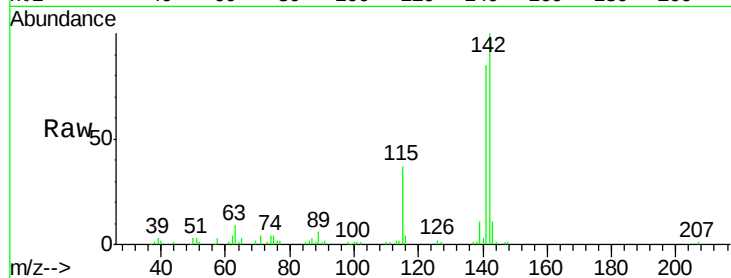
#37
2-Methylnaphthalene
Concen: 4.638 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.8	70.2	105.2
115	36.6	29.7	44.5

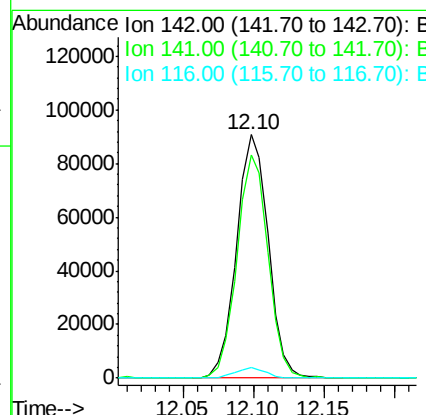
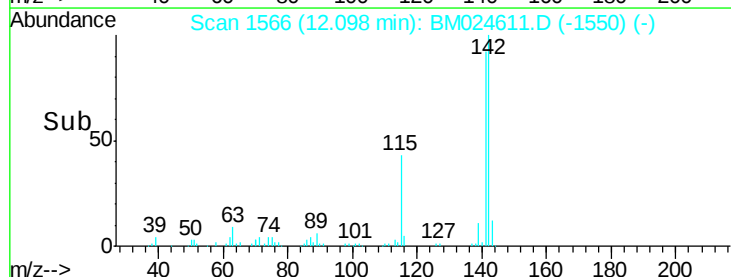
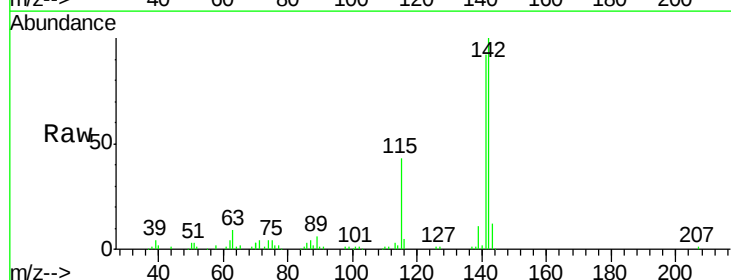
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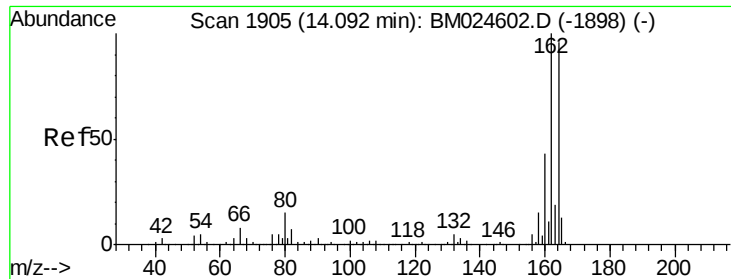
mohammad
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#38
1-Methylnaphthalene
Concen: 4.701 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2
116	4.6	3.2	4.8





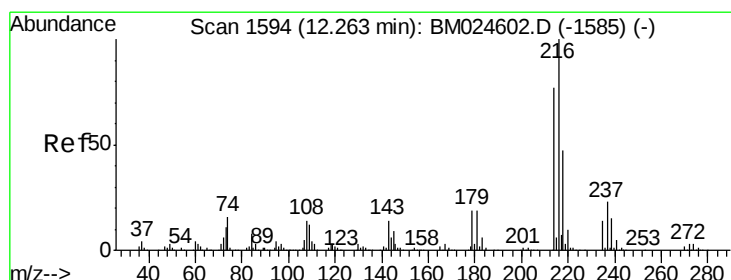
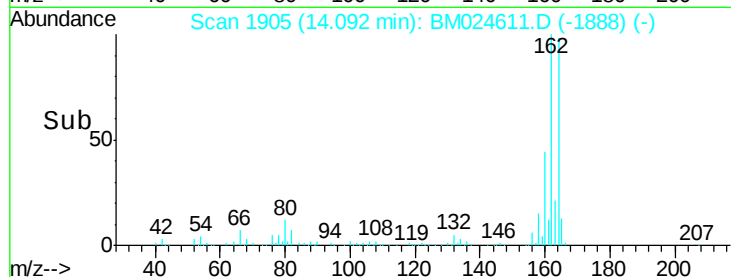
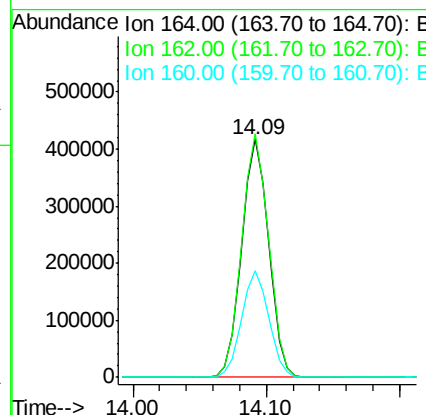
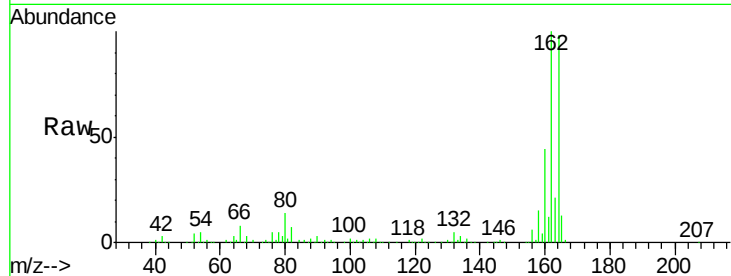
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	82.9	124.3	
160	44.8	35.5	53.3	

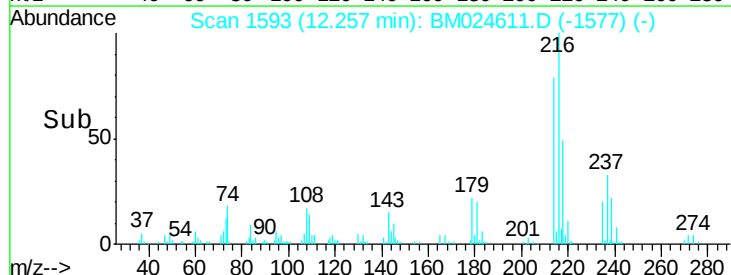
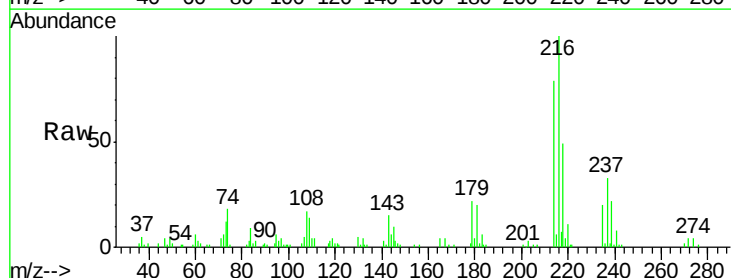
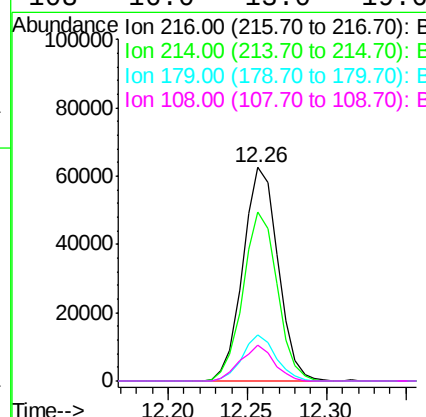
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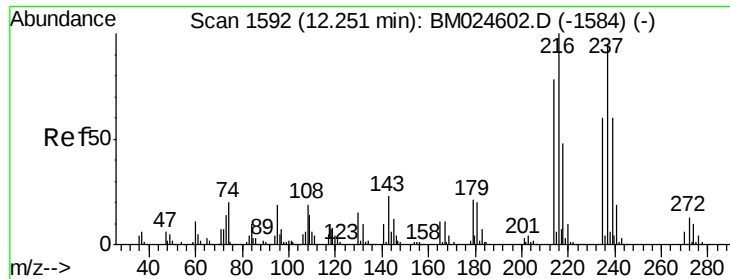
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.609 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.3	62.3	93.5	
179	20.5	16.1	24.1	
108	16.0	13.0	19.6	





#41

Hexachlorocyclopentadiene

Concen: 4.052 ng

RT: 12.24 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

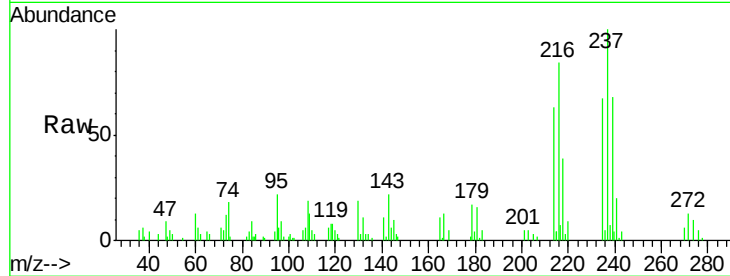
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

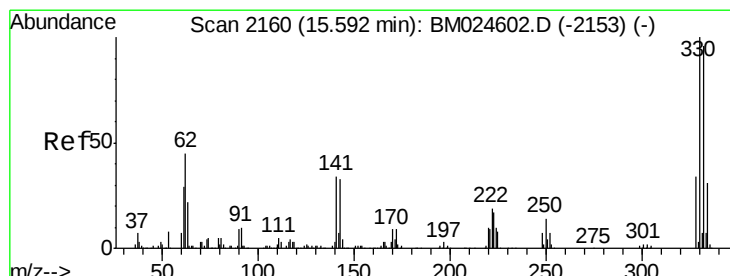
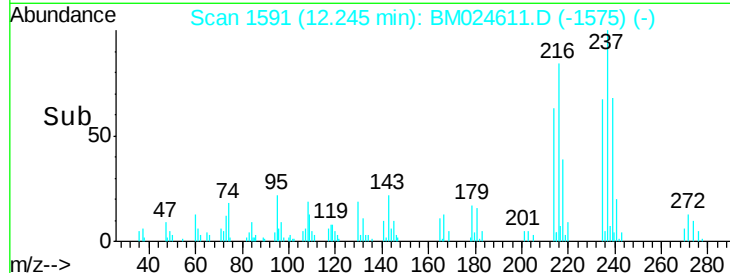
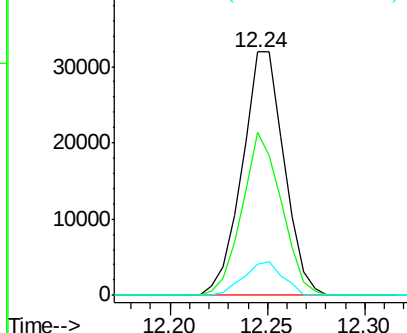
Tot Ion:	237	Resp:	47452
Ion Ratio	Lower	Upper	
237	100		
235	67.1	43.3	83.3
272	12.9	0.0	33.4

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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: 131.863 ng

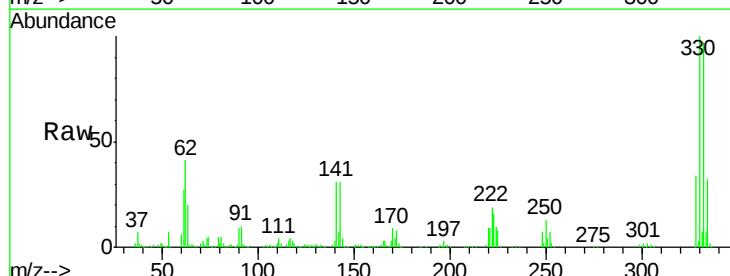
RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

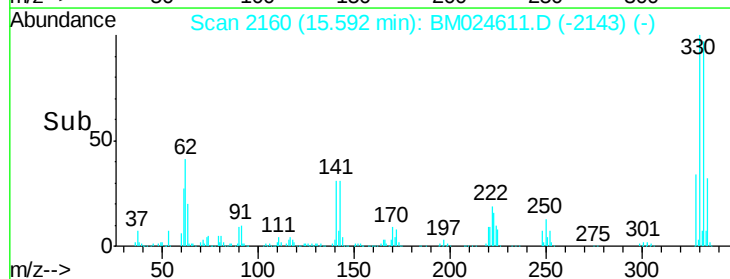
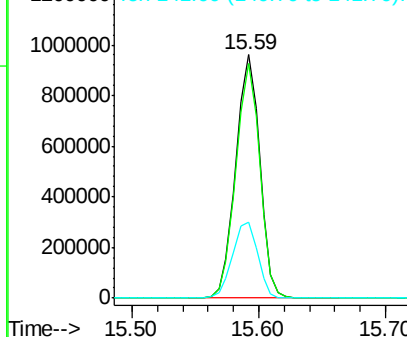
Lab File: BM024611.D

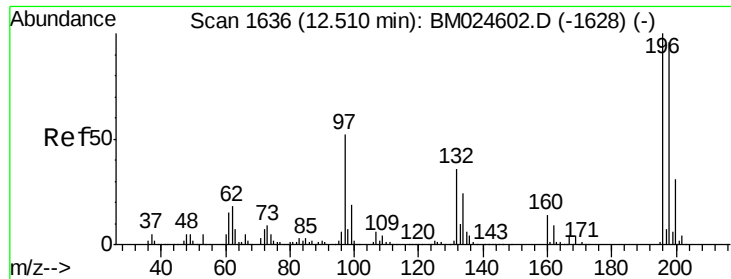
Acq: 23 Jan 2020 17:09

Tgt Ion:	330	Resp:	1255697
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	32.9	26.9	40.3



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





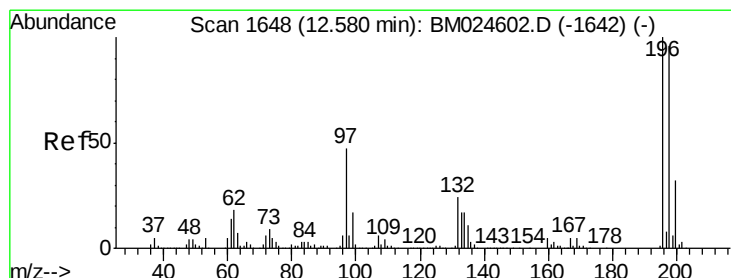
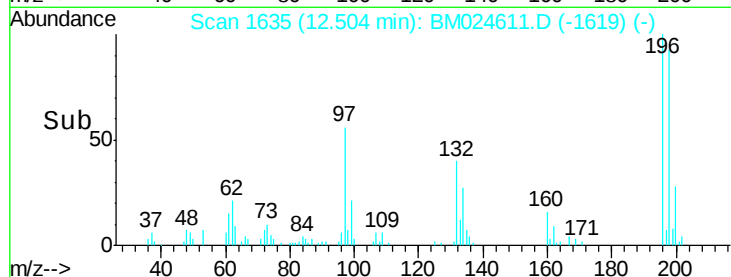
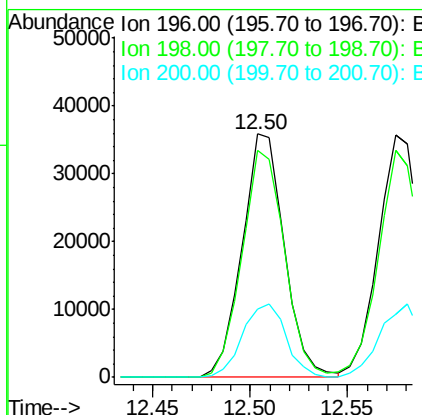
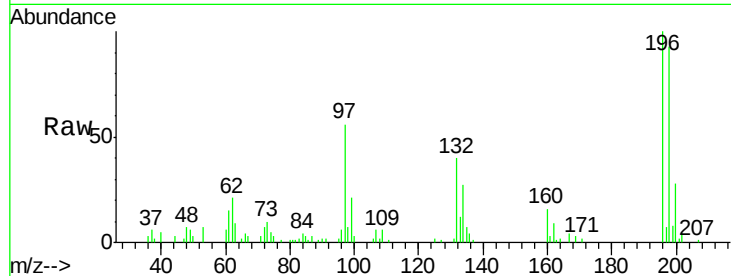
#43
 2,4,6-Trichlorophenol
 Concen: 4.054 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.5	114.7
200	28.0	25.0	37.6

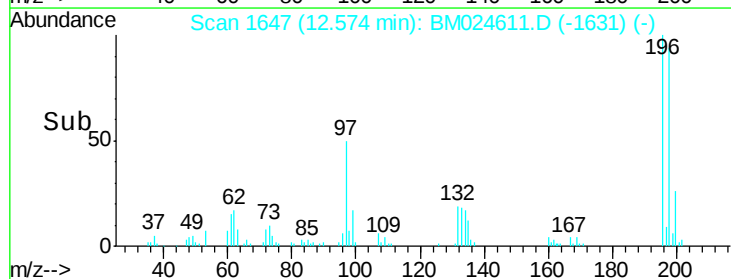
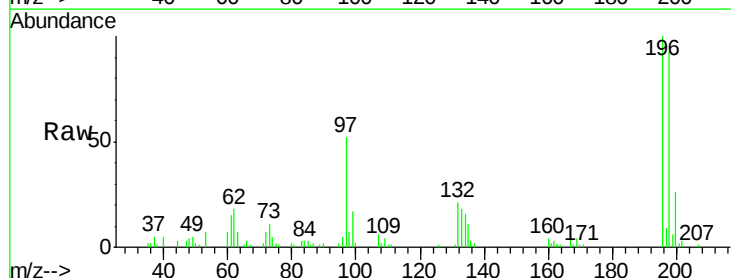
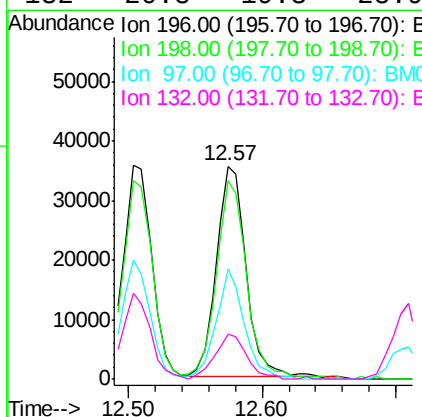
Manual Integrations
 APPROVED

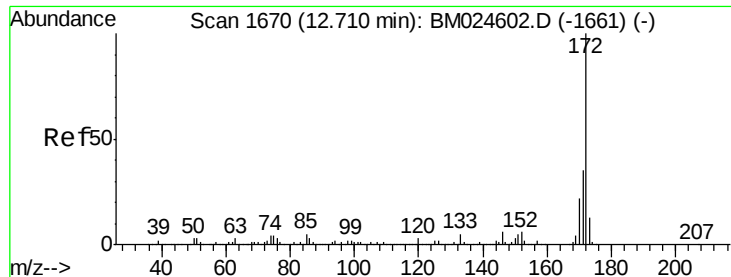
mohammad
 1/24/2020 1:55:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 4.051 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.2	115.8
97	51.6	37.4	56.0
132	20.8	19.3	28.9





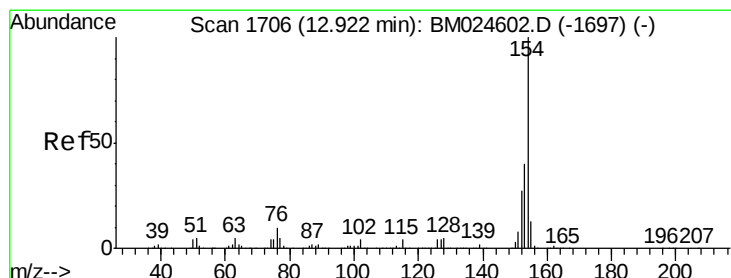
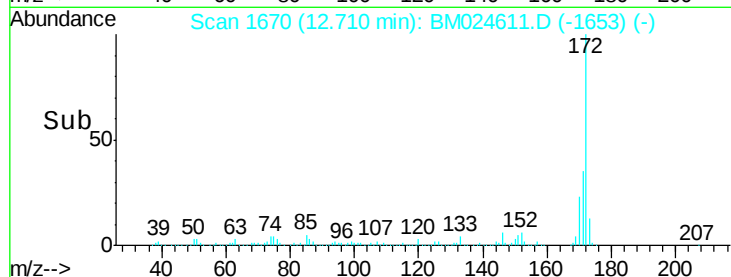
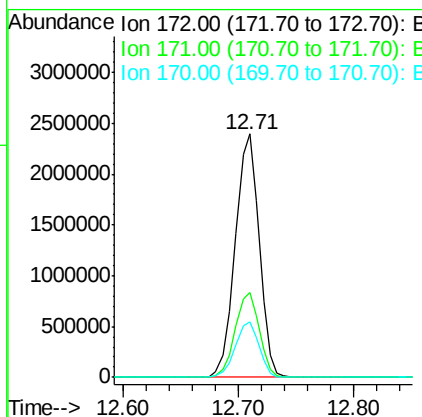
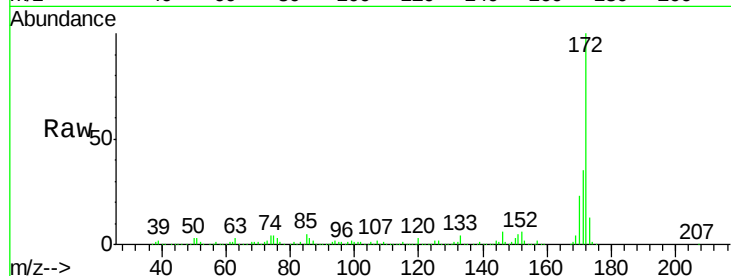
#45
 2-Fluorobiphenyl
 Concen: 79.528 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.0	17.9	26.9

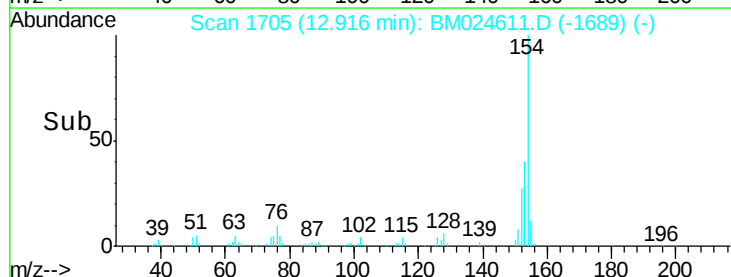
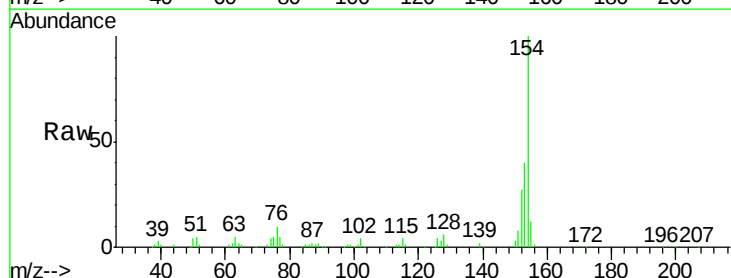
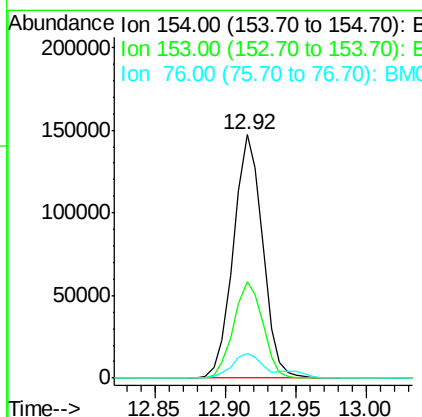
Manual Integrations
 APPROVED

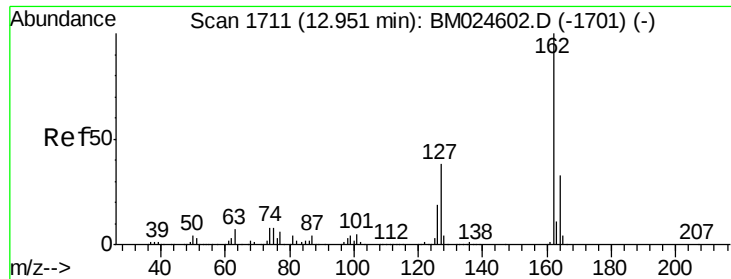
mohammad
 1/24/2020 1:55:13 PM



#46
 1,1'-Biphenyl
 Concen: 4.795 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.3	60.3
76	10.4	0.0	30.5





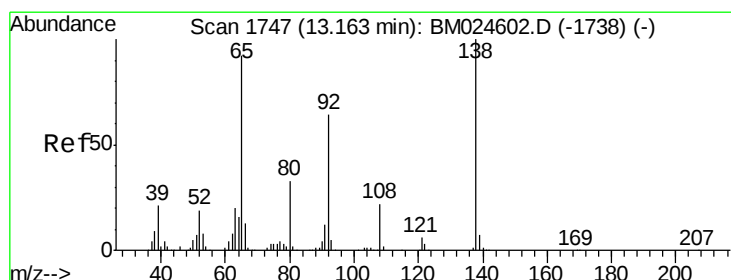
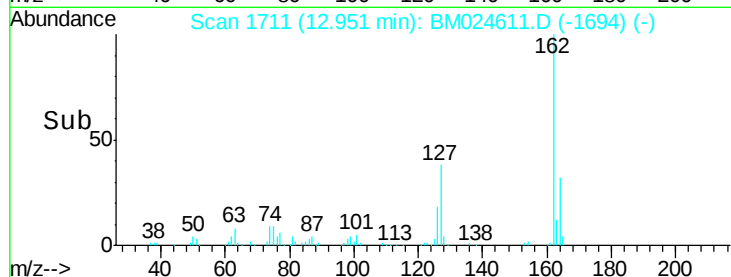
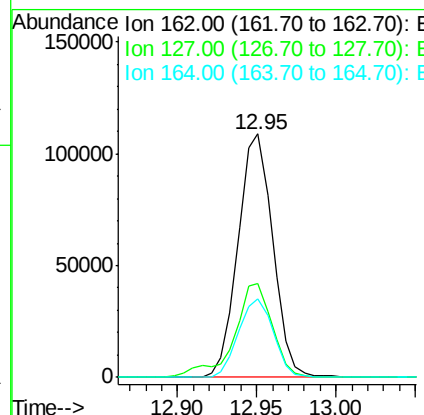
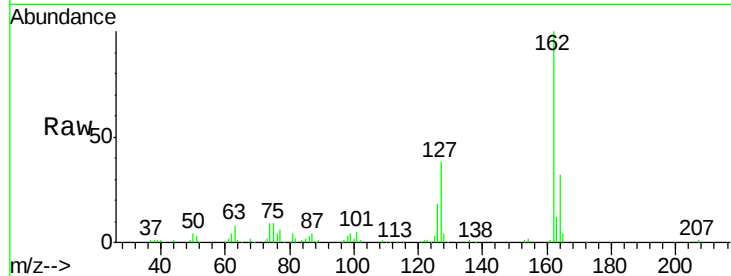
#47
2-Chloronaphthalene
Concen: 4.633 ng
RT: 12.95 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	165712		
127	38.4		30.4	45.6
164	32.4		26.5	39.7

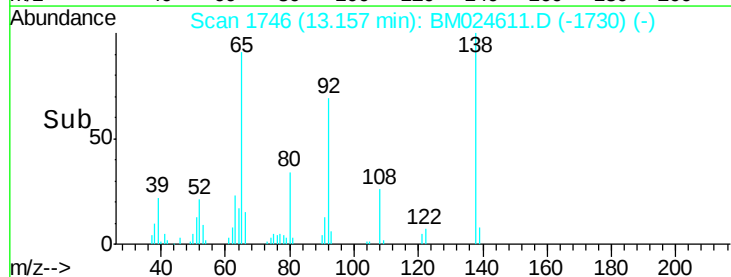
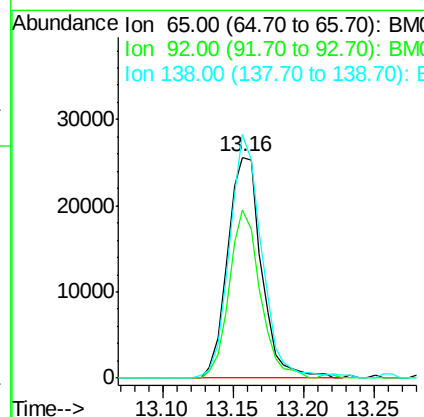
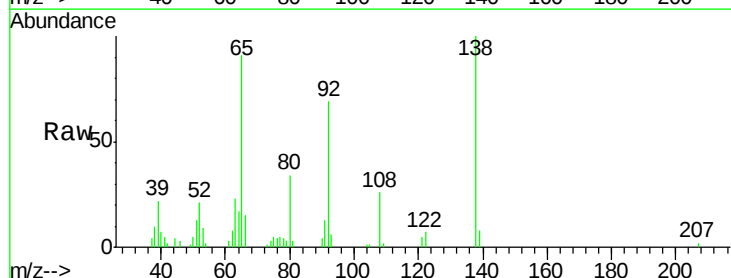
Manual Integrations
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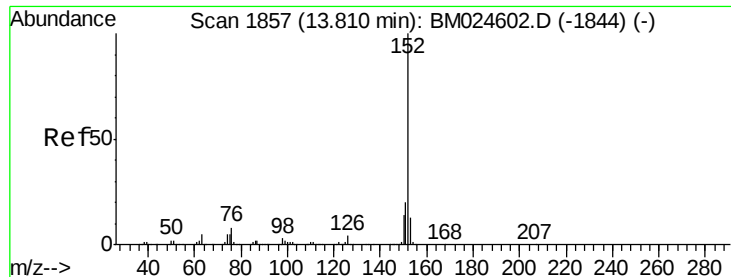
mohammad
1/24/2020 1:55:13 PM



#48
2-Nitroaniline
Concen: 3.923 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	42789		
92	76.0		55.4	83.2
138	110.3		86.6	129.8





#49

Acenaphthylene

Concen: 4.521 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

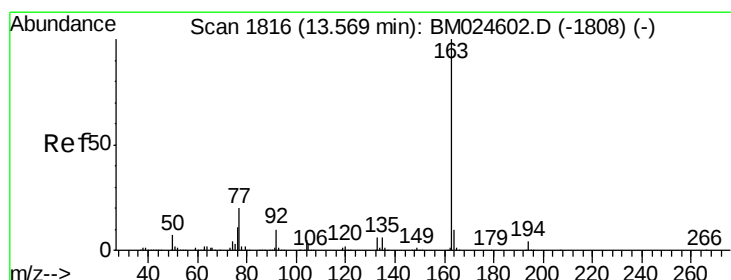
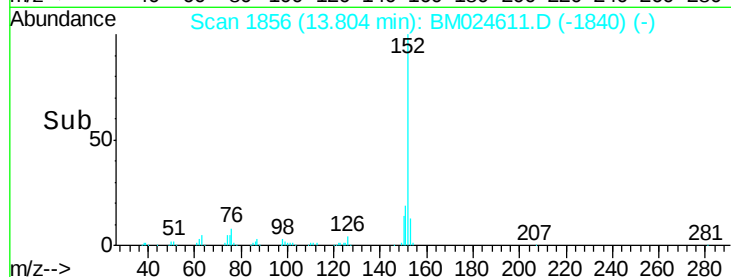
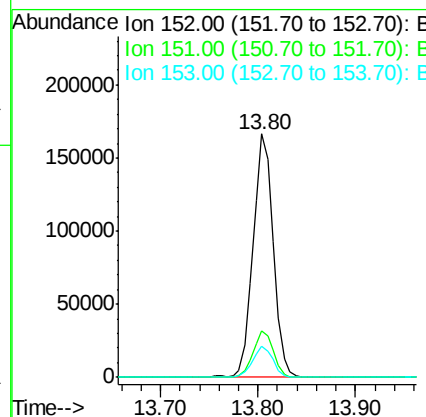
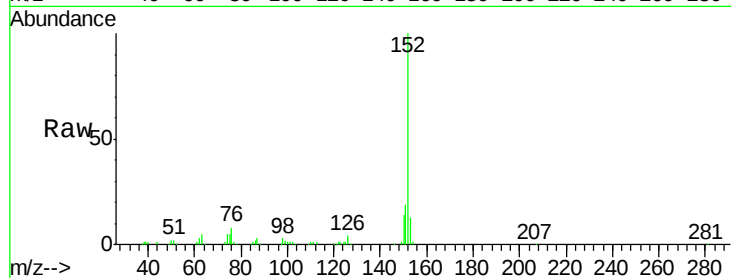
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	152	Resp:	242055
Ion Ratio		Lower	Upper
152	100		
151	19.0	15.8	23.6
153	12.7	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 4.637 ng

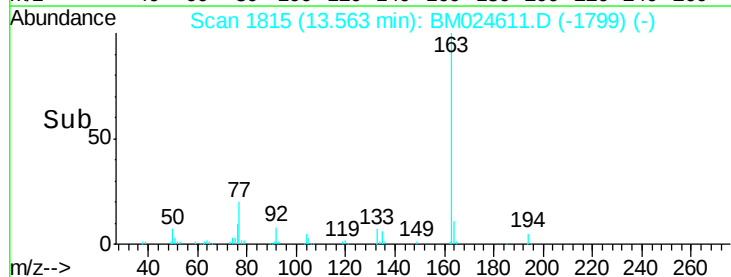
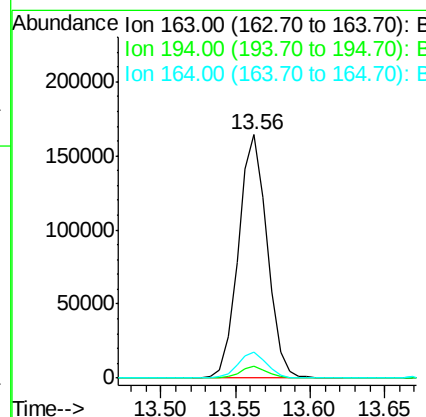
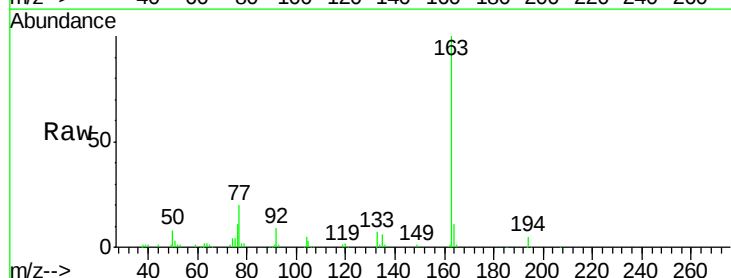
RT: 13.56 min Scan# 1815

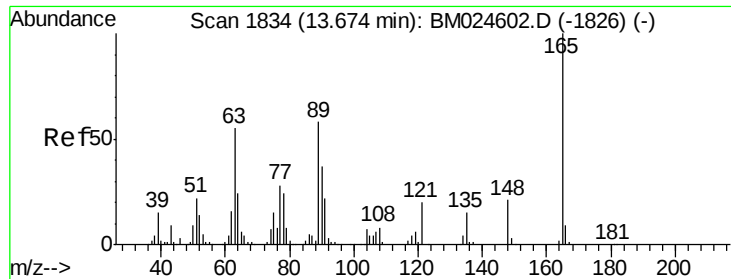
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	163	Resp:	219523
Ion Ratio		Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.6	8.0	12.0





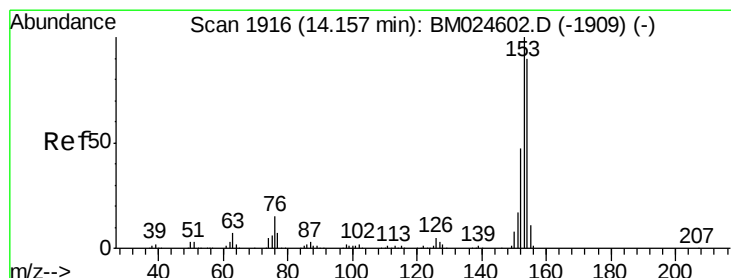
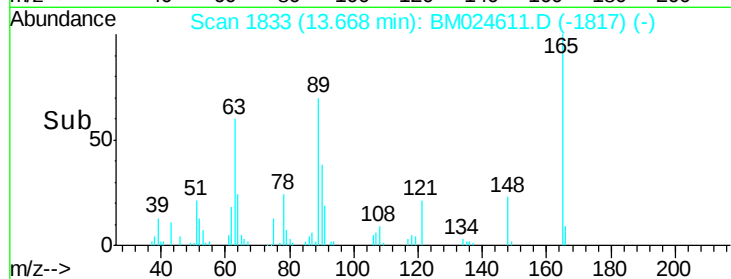
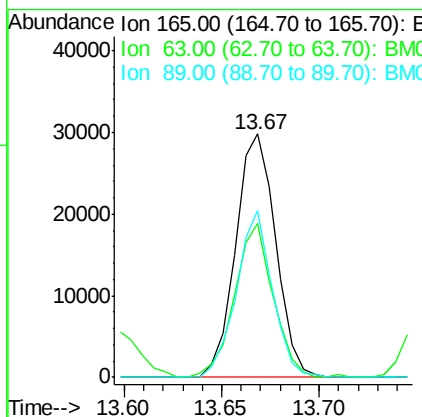
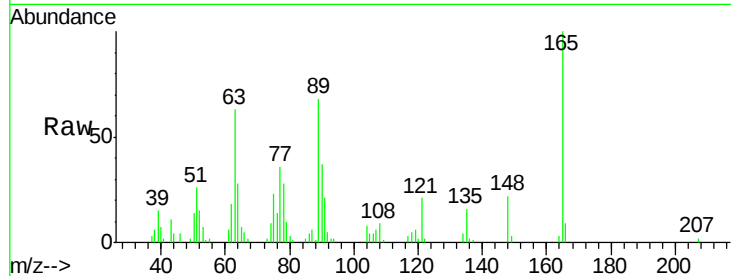
#51
2,6-Dinitrotoluene
Concen: 4.191 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	42180		
63	63.5		45.4	68.0
89	68.5		46.6	69.8

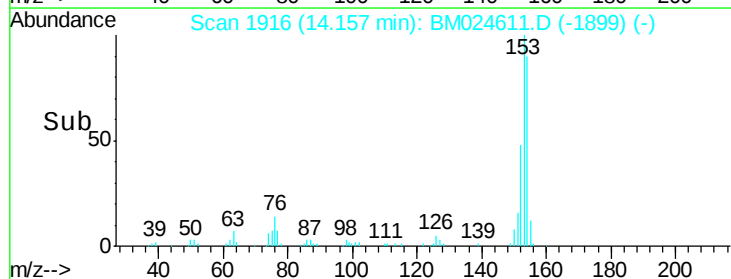
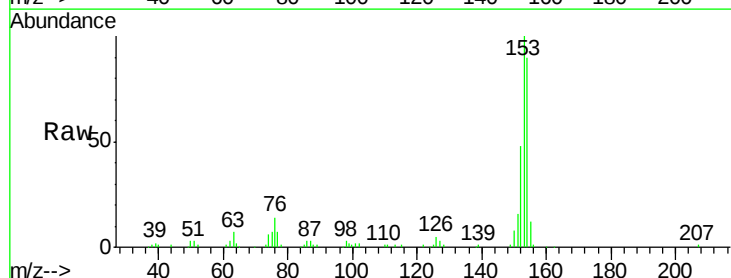
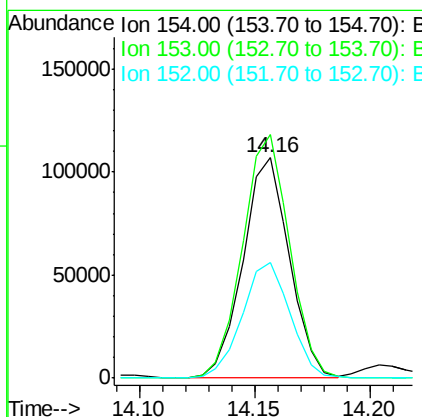
Manual Integrations
APPROVED

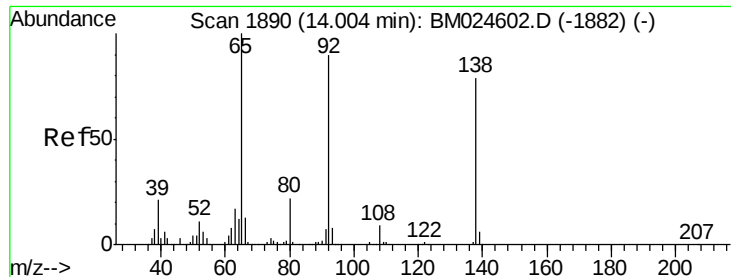
mohammad
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#52
Acenaphthene
Concen: 4.523 ng
RT: 14.16 min Scan# 1916
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	150264		
153	110.7		89.1	133.7
152	52.8		41.9	62.9





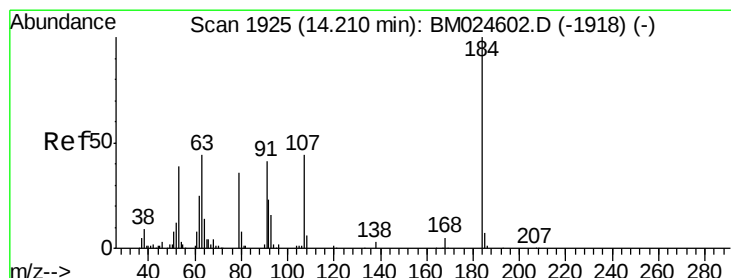
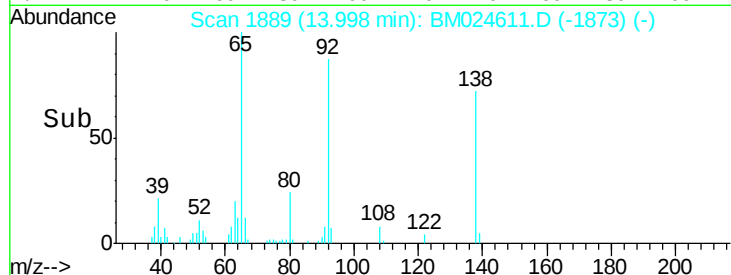
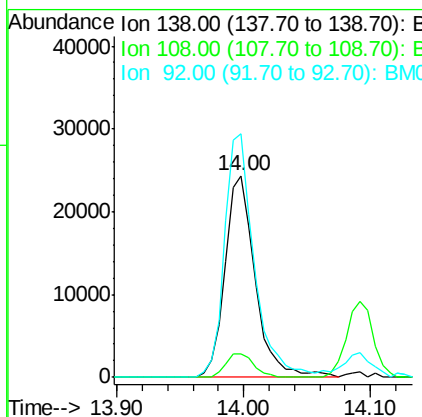
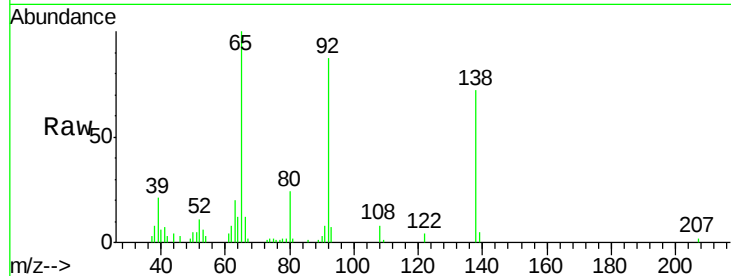
#53
3-Nitroaniline
Concen: 3.838 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.7	13.1
92	120.5	91.0	136.4

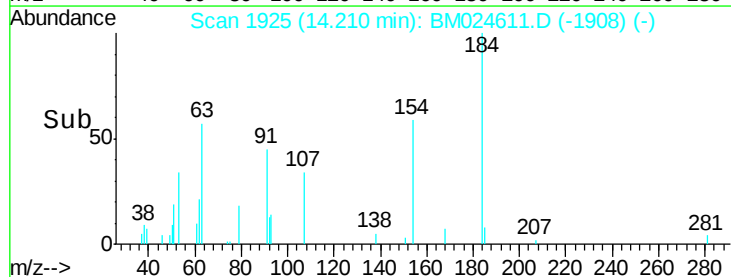
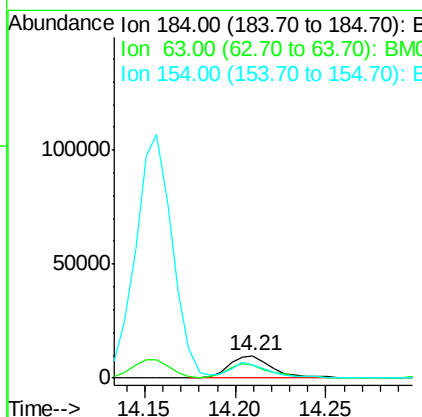
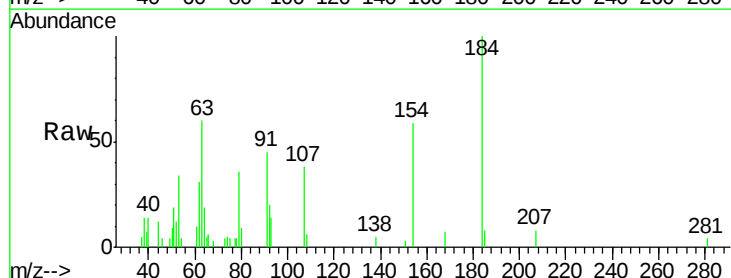
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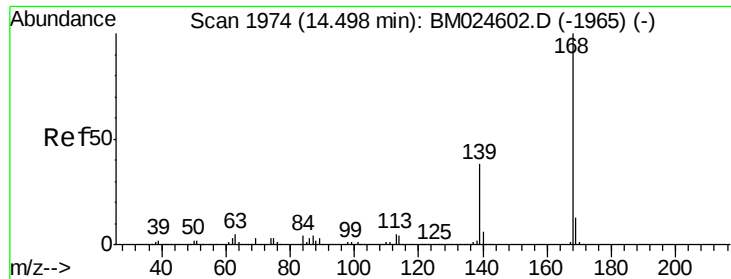
mohammad
1/24/2020 1:55:13 PM



#54
2,4-Dinitrophenol
Concen: 2.693 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	51.8	77.8
154	58.6	50.2	75.4





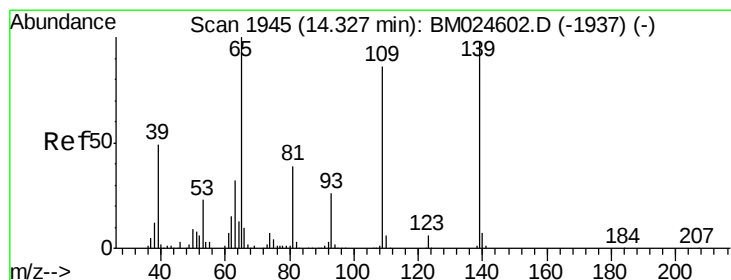
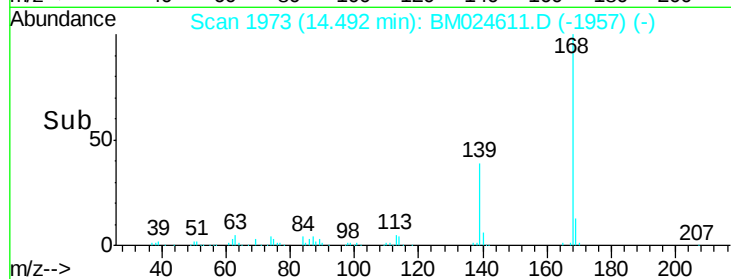
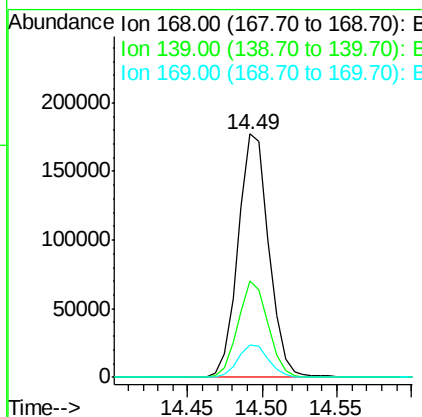
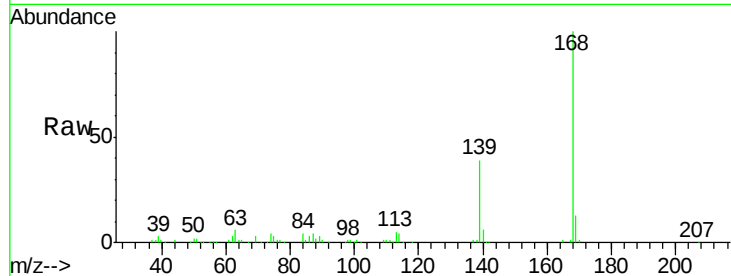
#55
Dibenzenofuran
Concen: 4.693 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.4
169	13.1	10.7	16.1

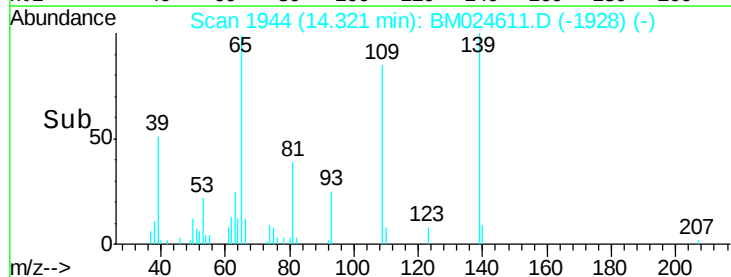
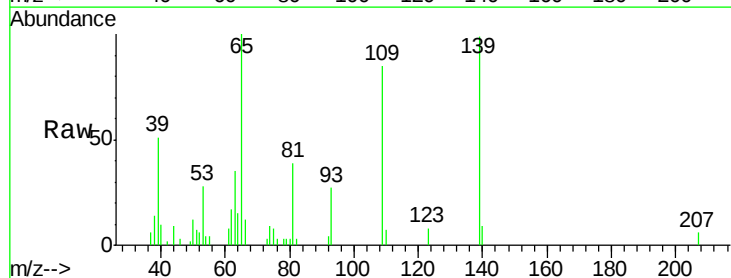
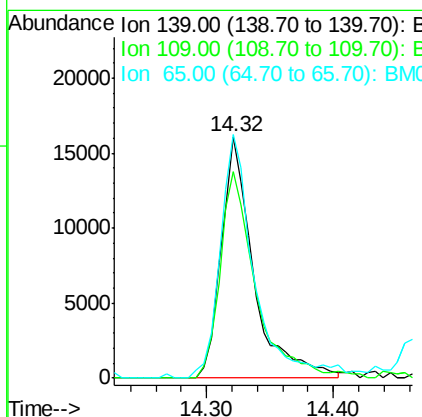
Manual Integrations
APPROVED

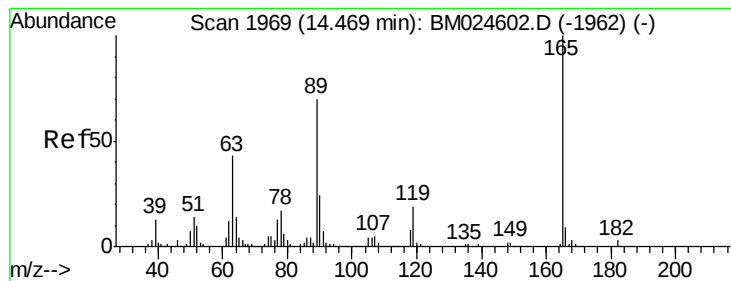
mohammad
1/24/2020 1:55:13 PM



#56
4-Nitrophenol
Concen: 3.512 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.4	67.4	107.4
65	100.9	82.1	122.1





#57

2,4-Dinitrotoluene

Concen: 3.973 ng

RT: 14.46 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

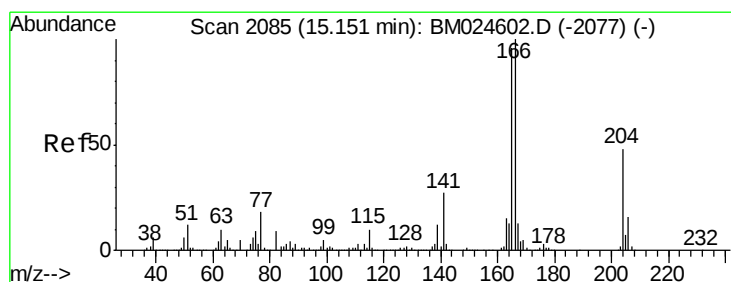
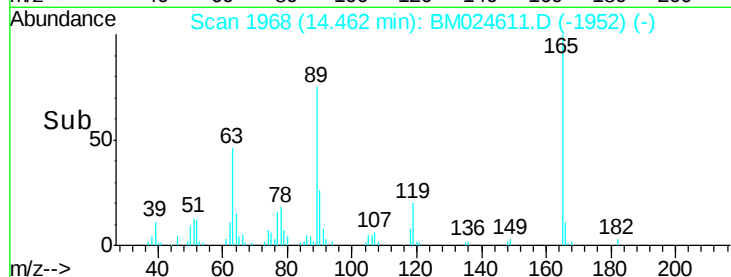
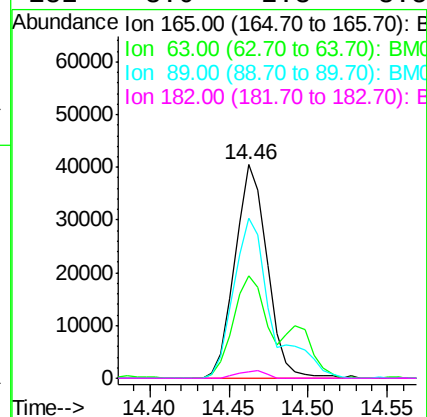
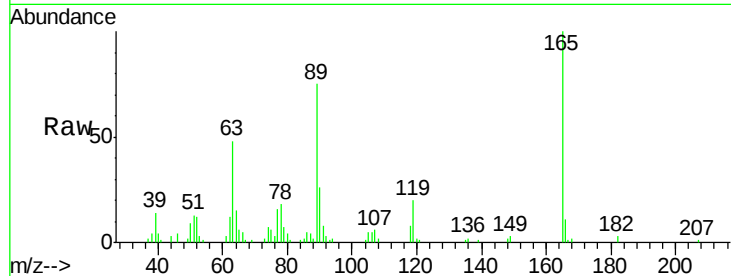
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	165	Resp:	57302
Ion Ratio	Lower	Upper	
165	100		
63	47.8	34.5	51.7
89	75.0	55.8	83.8
182	3.0	2.3	3.5

Manual Integrations
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1/24/2020 1:55:13 PM



#58

Fluorene

Concen: 4.442 ng

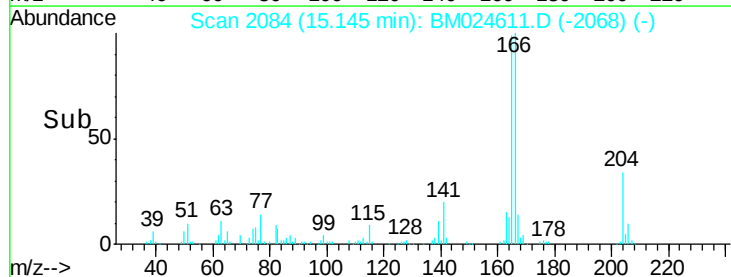
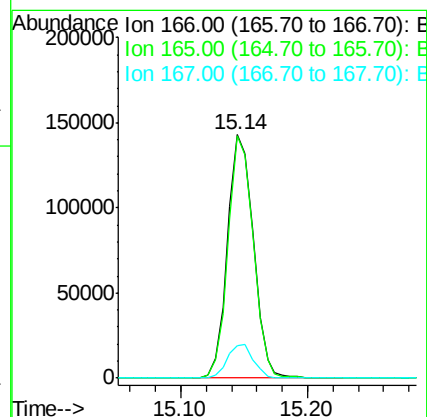
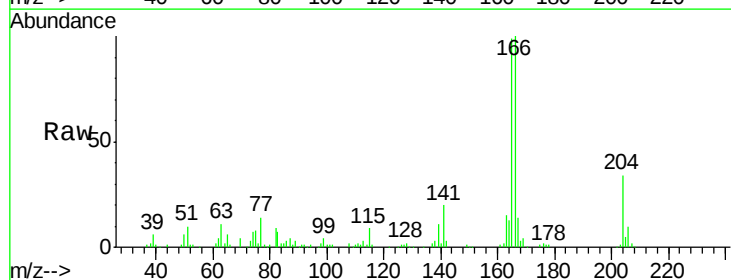
RT: 15.14 min Scan# 2084

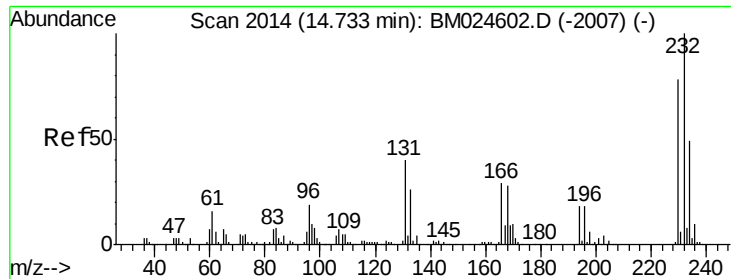
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	166	Resp:	202260
Ion Ratio	Lower	Upper	
166	100		
165	99.4	76.6	114.8
167	13.6	10.8	16.2





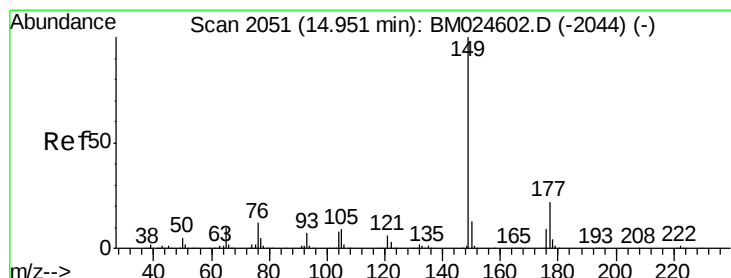
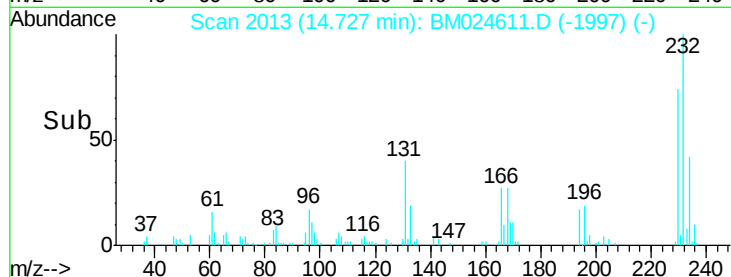
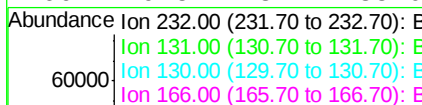
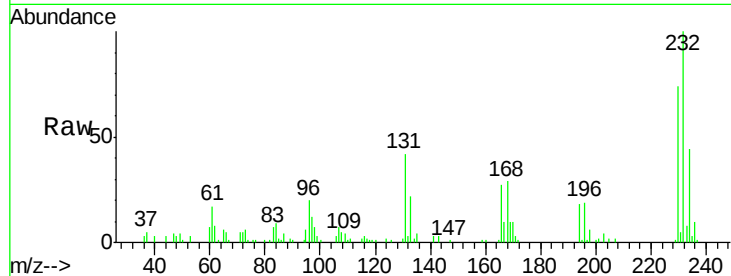
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.195 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
232	100	57761		
131	43.9		32.2	48.4
130	2.0		1.9	2.9
166	29.5		23.4	35.0

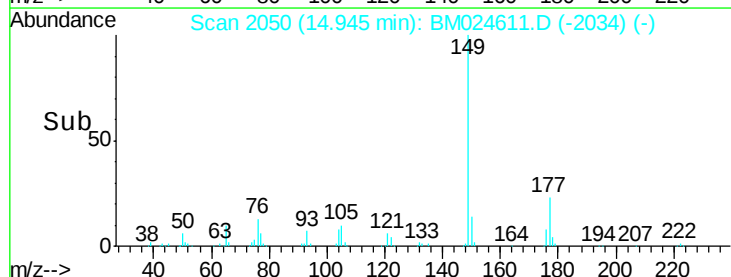
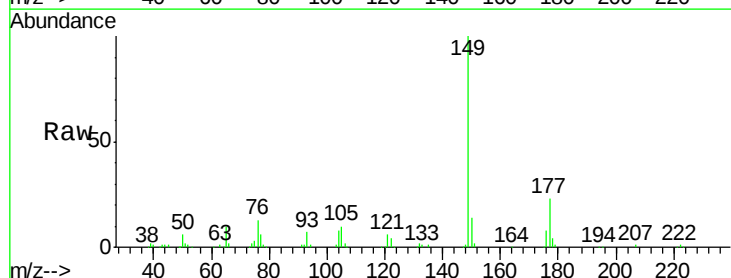
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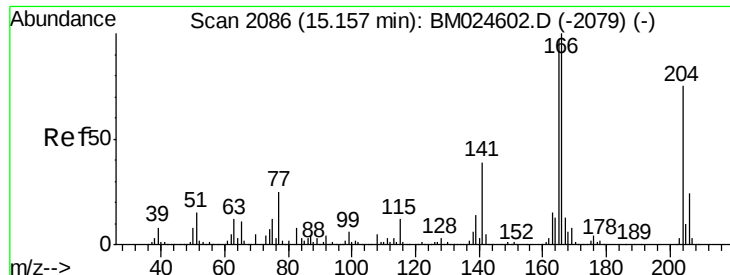
mohammad
1/24/2020 1:55:13 PM



#60
Diethylphthalate
Concen: 4.483 ng
RT: 14.94 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	215458		
177	22.6		18.0	27.0
150	13.9		10.2	15.4





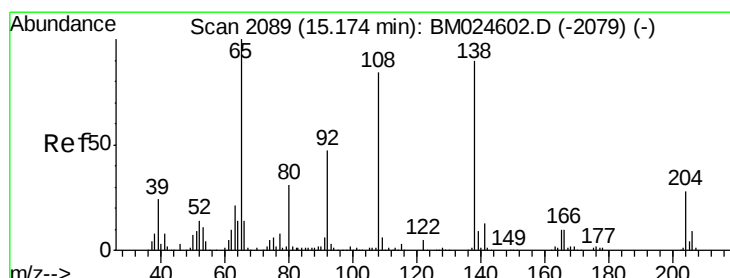
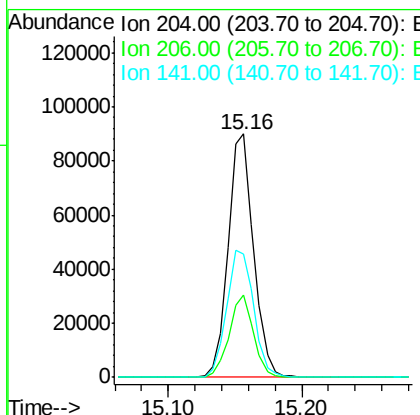
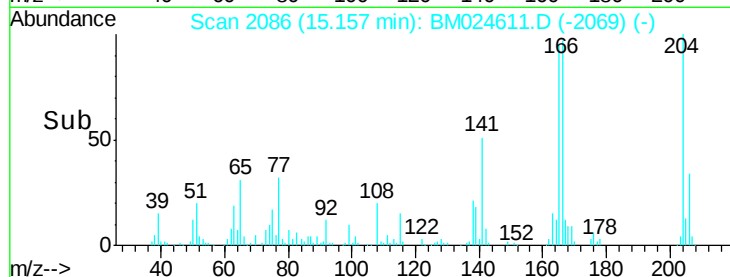
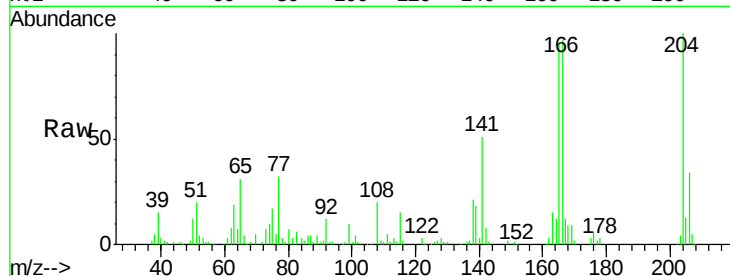
#61
 4-Chlorophenyl-phenylether
 Concen: 4.582 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion:	204	Resp:	120291
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.2	39.2
141	50.6	42.2	63.2

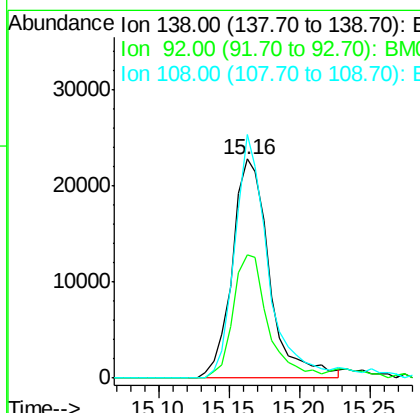
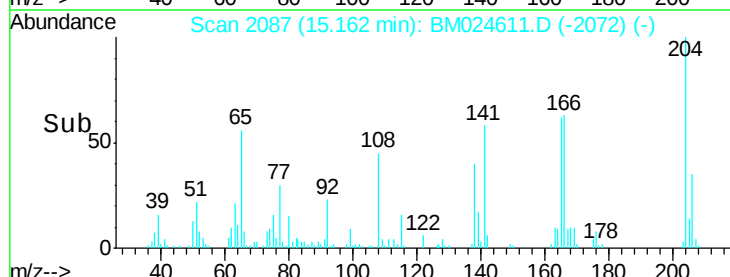
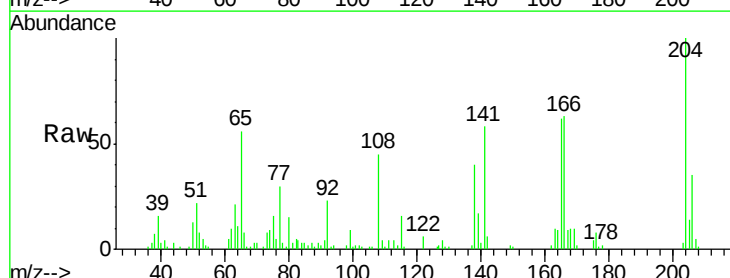
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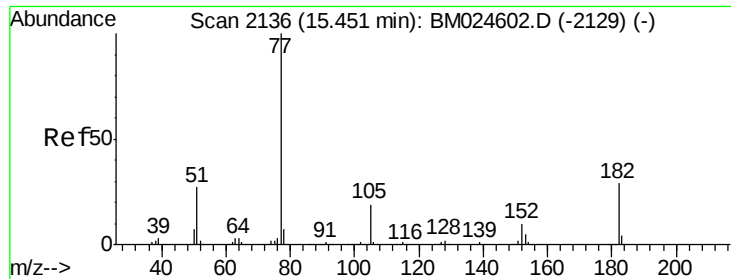
mohammad
 1/24/2020 1:55:13 PM



#62
 4-Nitroaniline
 Concen: 3.646 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Tgt Ion:	138	Resp:	42015
Ion Ratio	Lower	Upper	
138	100		
92	56.1	32.4	72.4
108	111.1	73.3	113.3





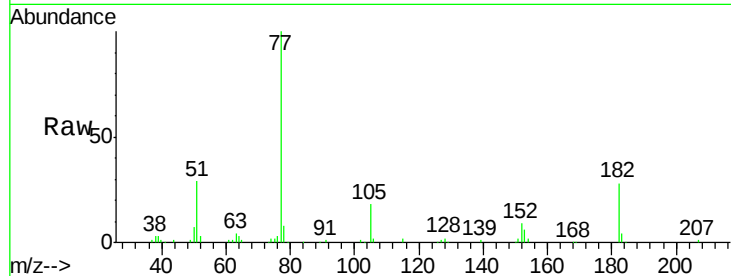
#63
Azobenzene
Concen: 4.484 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.2	8.7	48.7	
105	17.6	0.0	39.2	
51	29.1	7.5	47.5	

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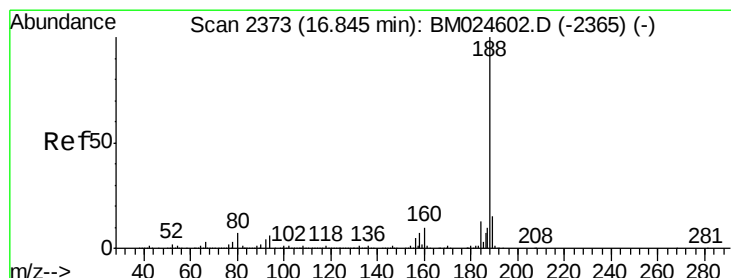
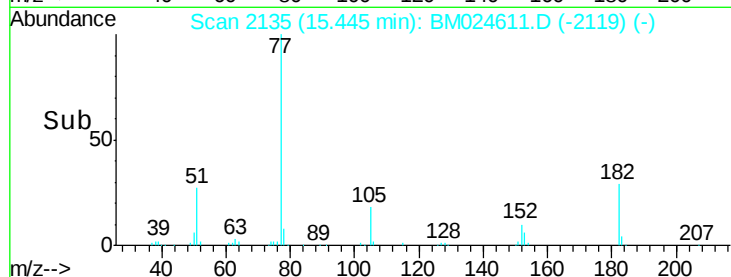
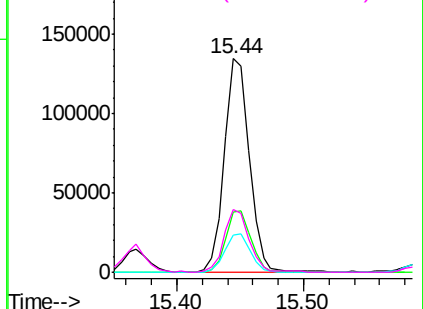


Abundance Ion 77.00 (76.70 to 77.70): BM024611.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024611.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024611.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024611.D (-2119) (-)



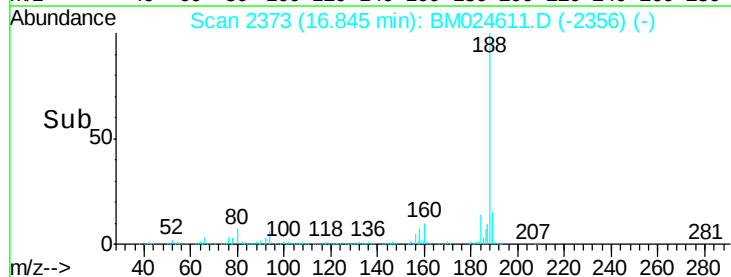
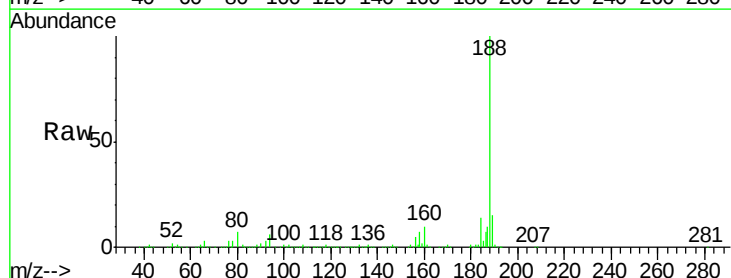
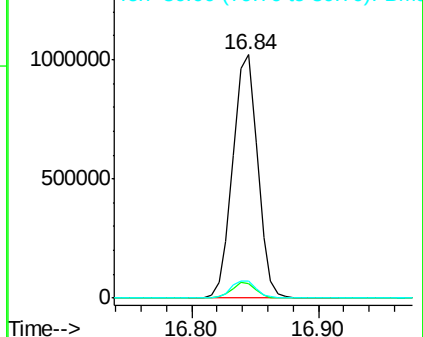
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

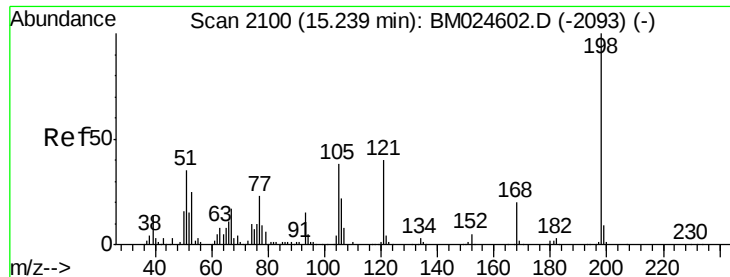
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.1	5.0	7.6	
80	6.8	5.8	8.8	

Abundance Ion 188.00 (187.70 to 188.70): BM024611.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024611.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024611.D (-2356) (-)





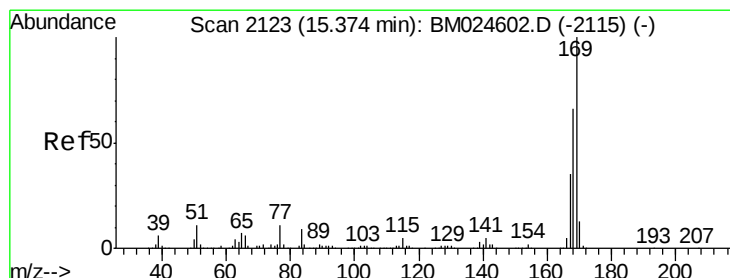
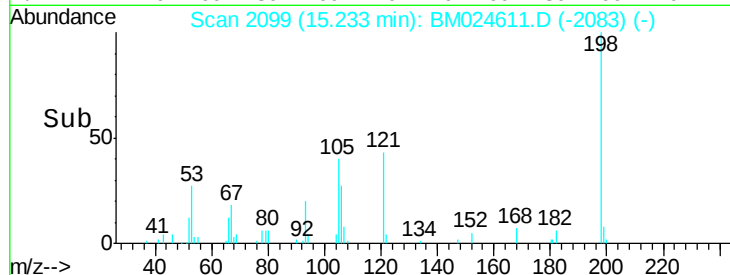
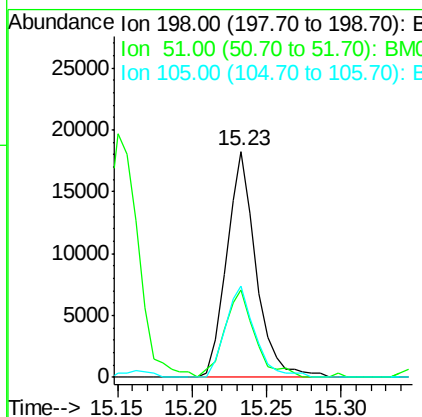
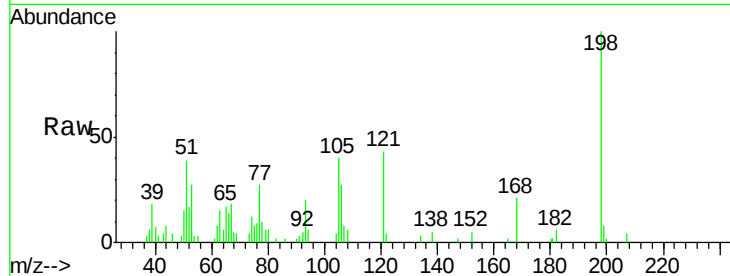
#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.096 ng
 RT: 15.23 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.6	15.8	55.8
105	40.4	18.5	58.5

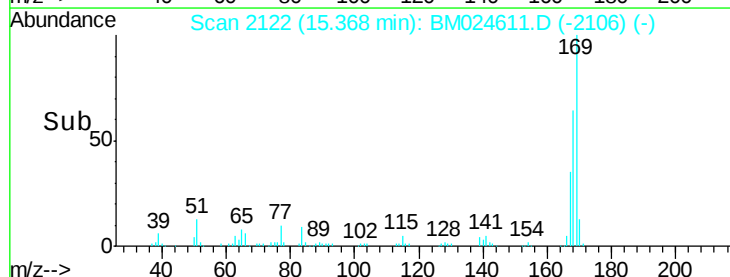
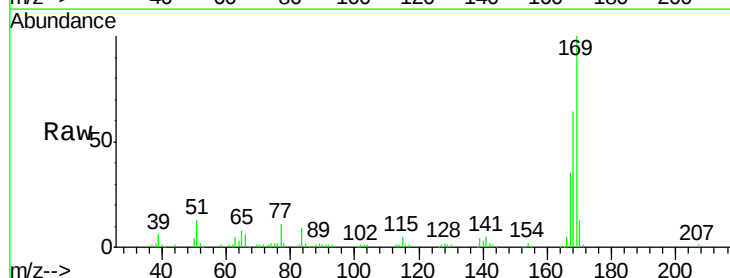
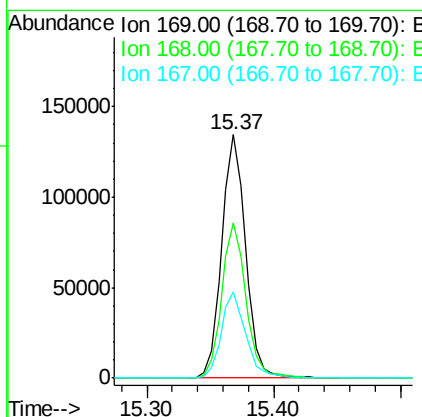
Manual Integrations
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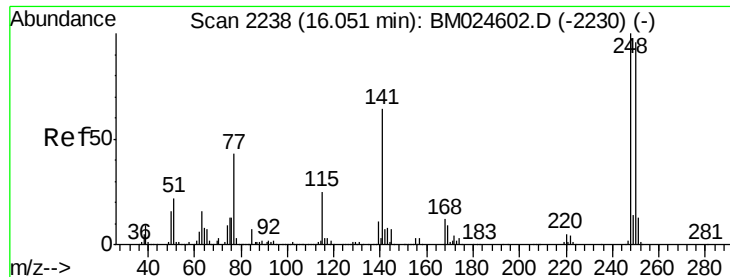
mohammad
 1/24/2020 1:55:13 PM



#66
 n-Nitrosodiphenylamine
 Concen: 4.436 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BM024611.D
 Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.0	52.8	79.2
167	35.5	28.2	42.2





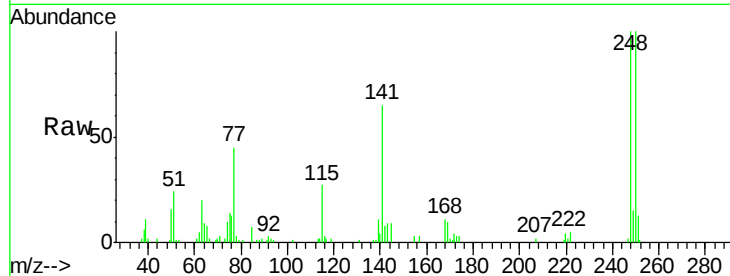
#67
4-Bromophenyl-phenylether
Concen: 4.401 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

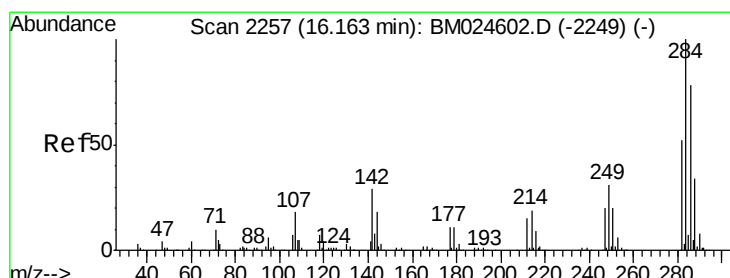
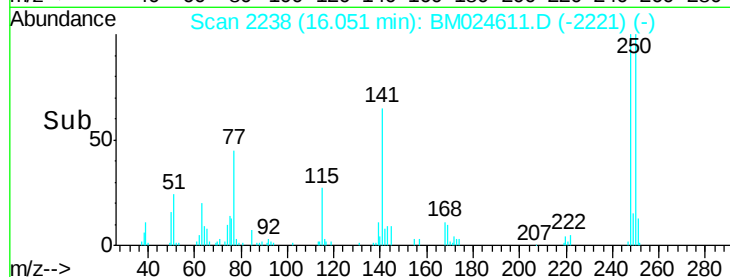
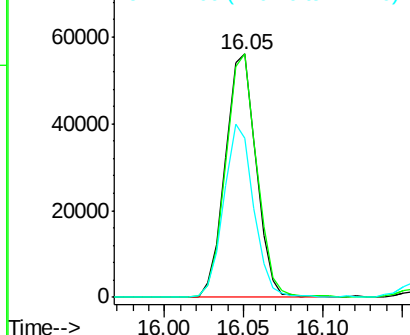
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.0	115.6
141	65.2	50.9	76.3

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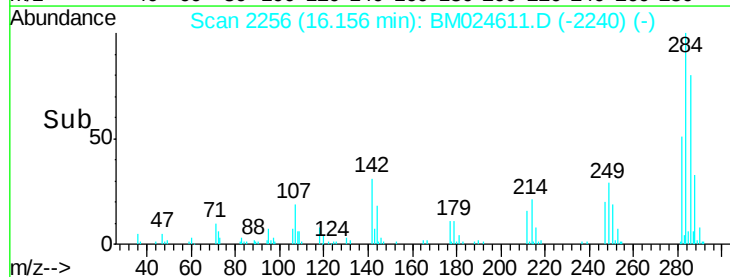
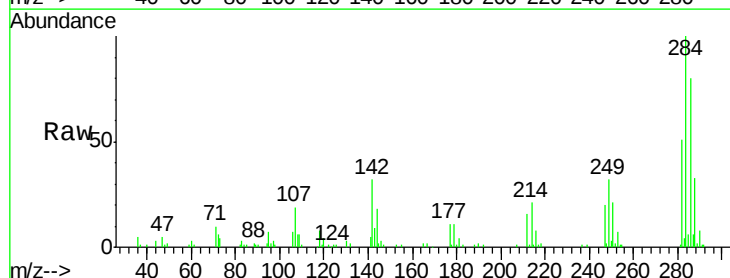
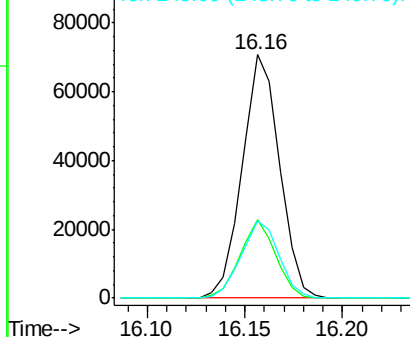
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

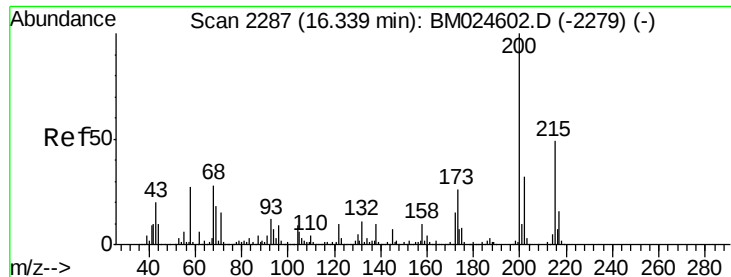


#68
Hexachlorobenzene
Concen: 4.740 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.5	35.3
249	31.7	24.6	36.8

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





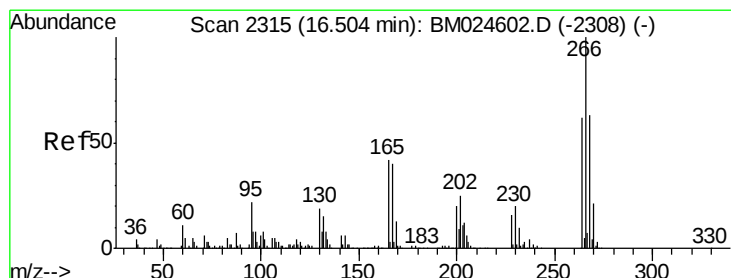
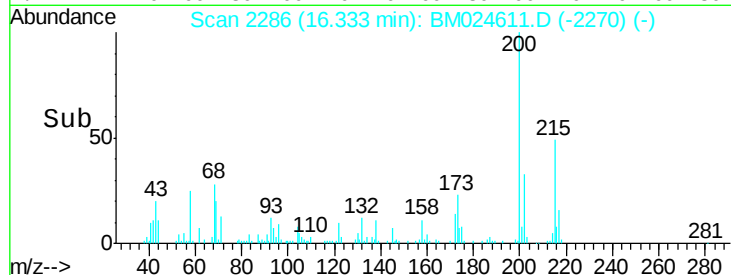
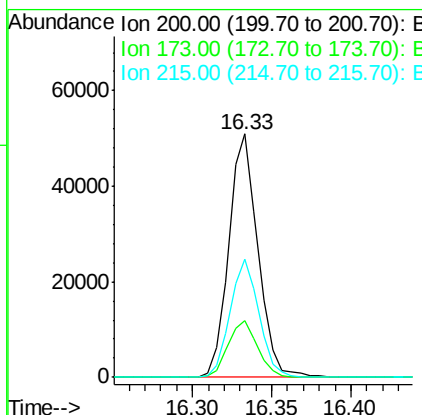
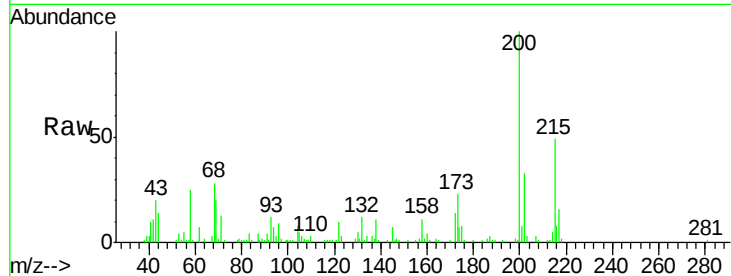
#69
Atrazine
Concen: 4.246 ng
RT: 16.33 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	5.5	45.5
215	48.6	29.4	69.4

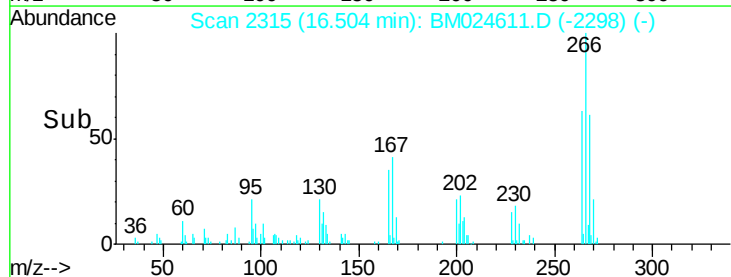
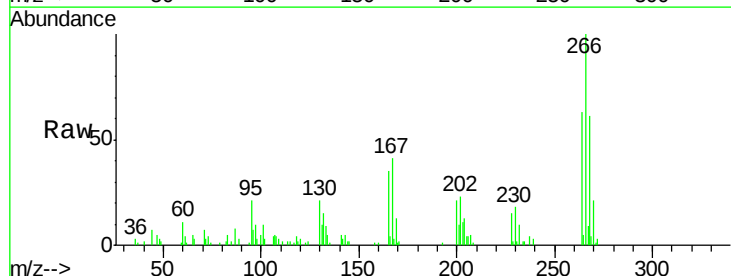
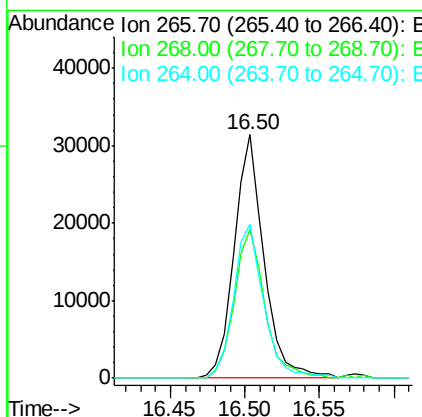
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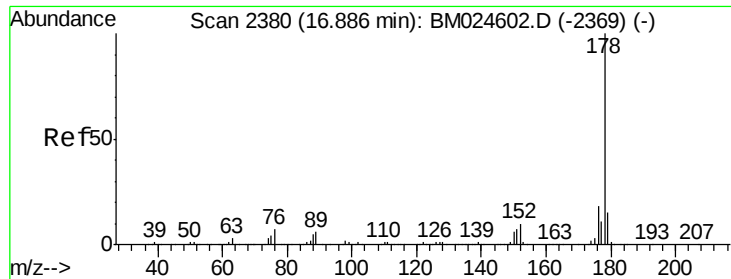
mohammad
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#70
Pentachlorophenol
Concen: 3.628 ng
RT: 16.50 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	50.4	75.6
264	63.0	49.9	74.9





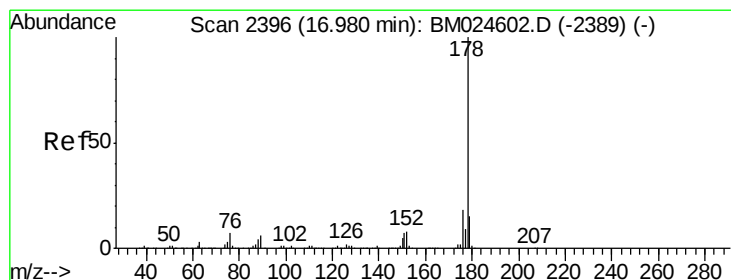
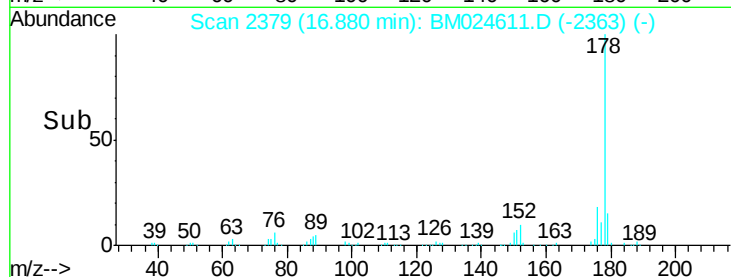
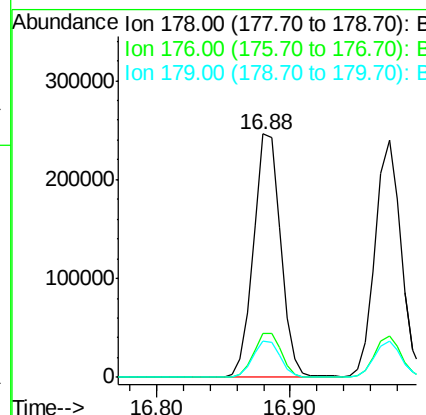
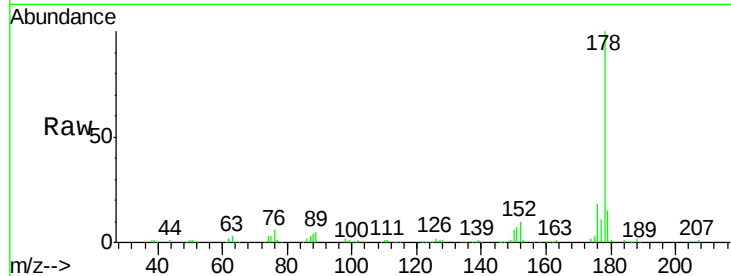
#71
Phenanthrene
Concen: 4.576 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.0	11.9	17.9

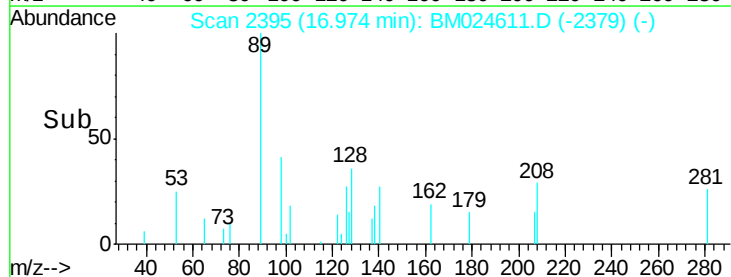
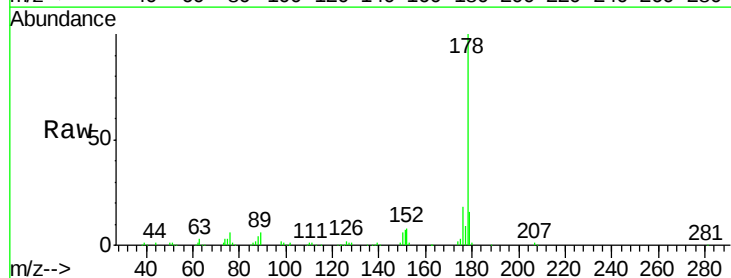
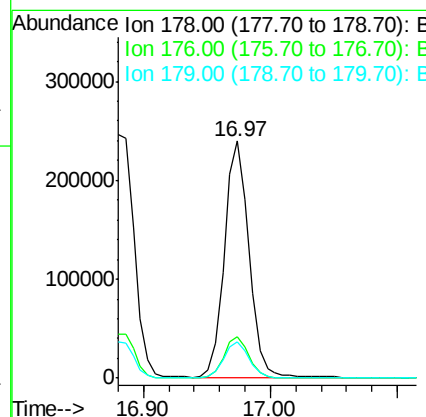
Manual Integrations
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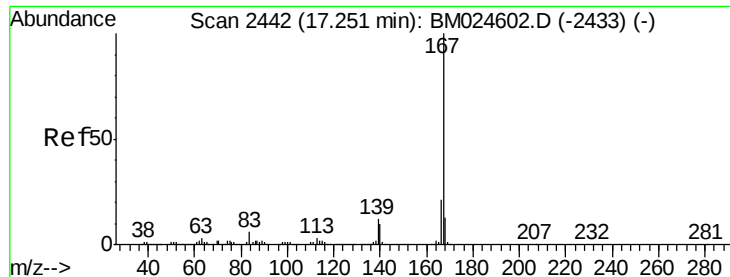
mohammad
1/24/2020 1:55:13 PM



#72
Anthracene
Concen: 4.356 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.5	12.1	18.1





#73

Carbazole

Concen: 4.290 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

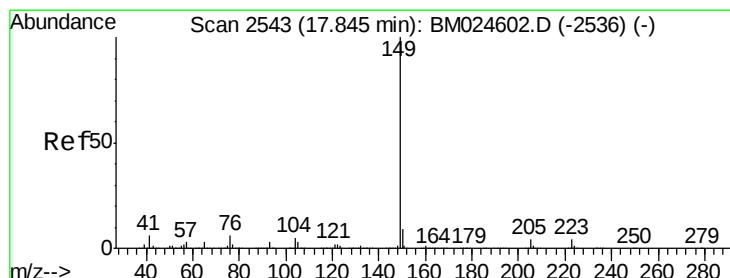
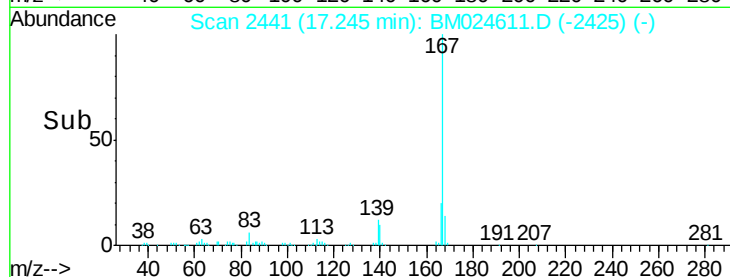
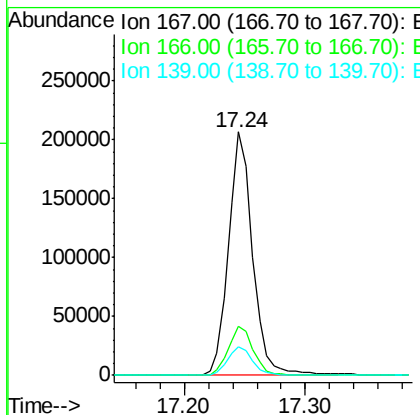
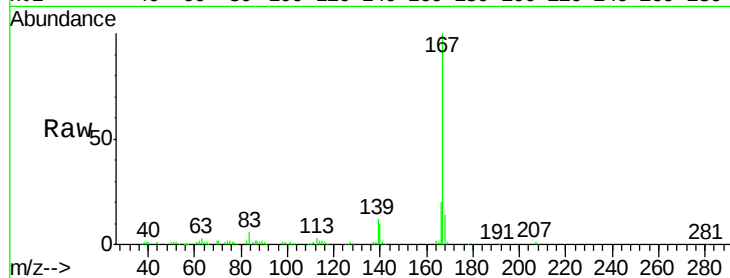
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	167	Resp:	286536
Ion Ratio	Lower	Upper	
167	100		
166	20.0	17.1	25.7
139	11.7	9.8	14.8

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#74

Di-n-butylphthalate

Concen: 4.029 ng

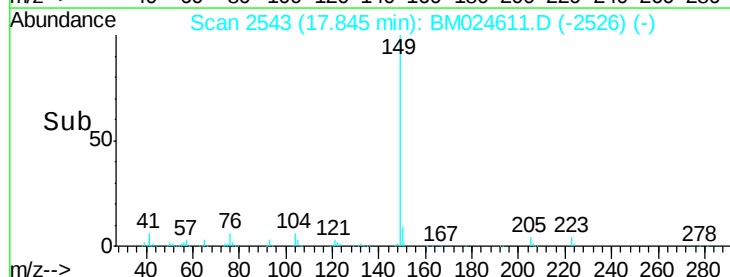
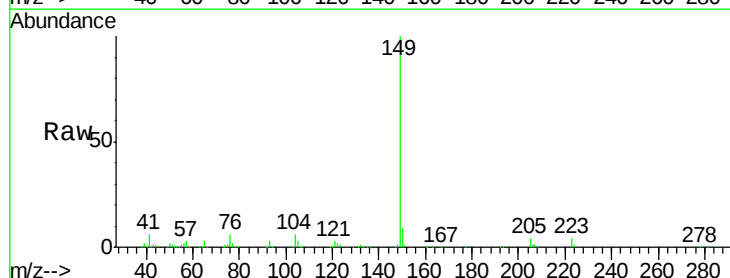
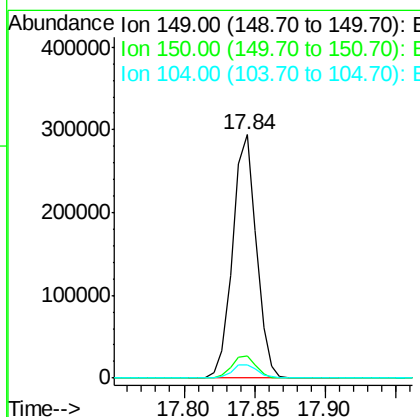
RT: 17.84 min Scan# 2543

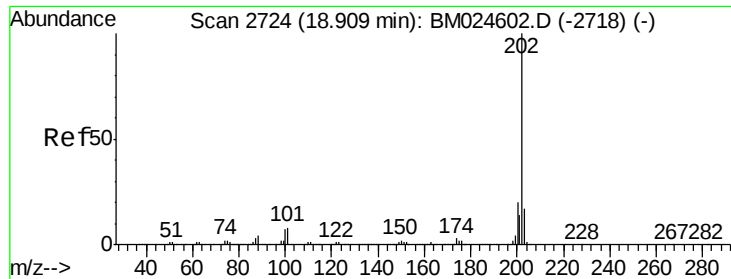
Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	149	Resp:	343992
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.0
104	5.7	4.3	6.5





#75

Fluoranthene

Concen: 4.387 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

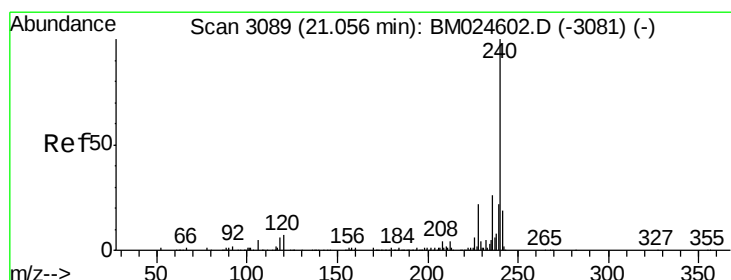
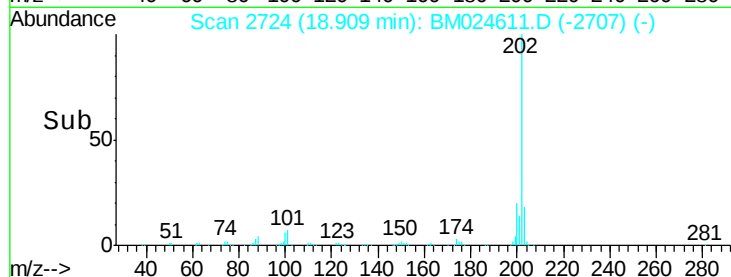
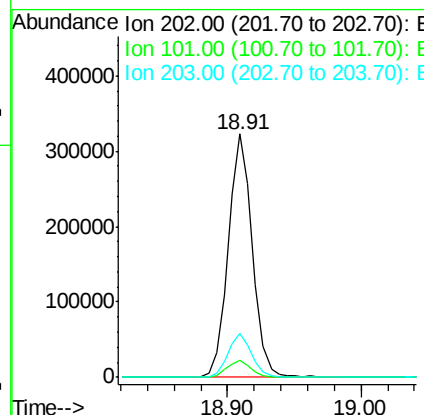
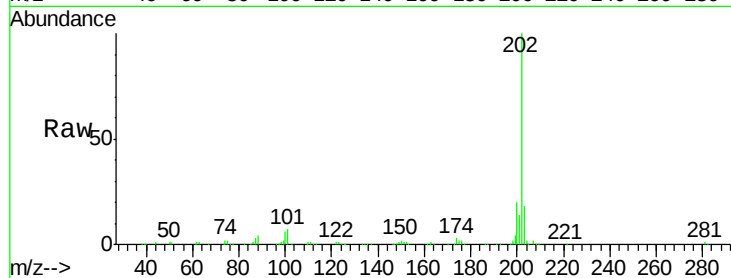
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	202	Resp:	410540
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	28.4
203	17.8	0.0	37.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

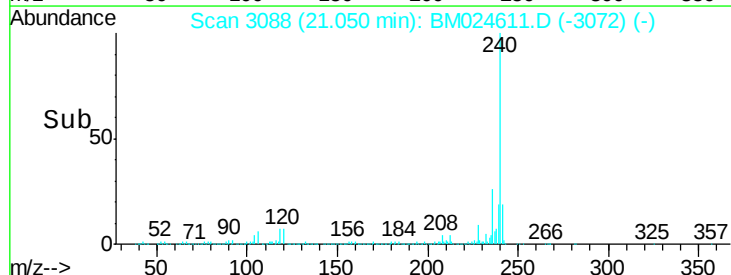
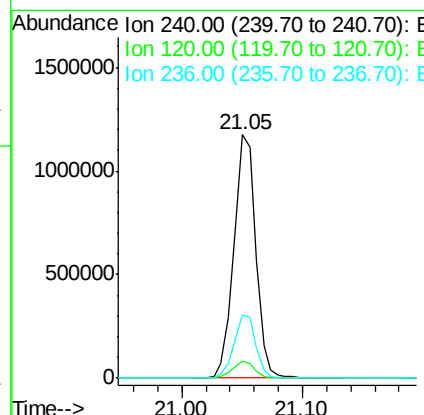
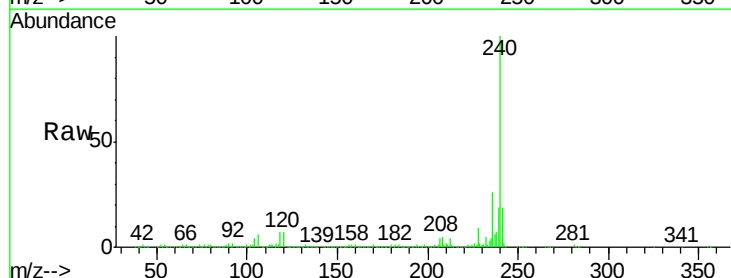
RT: 21.05 min Scan# 3088

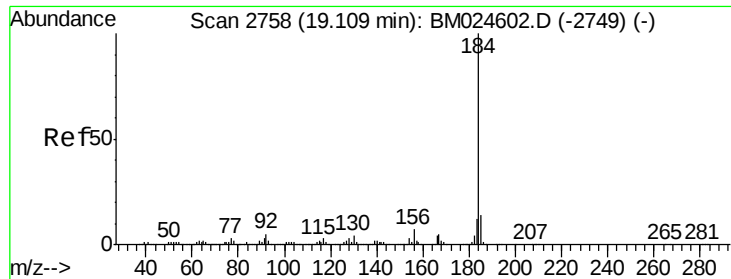
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	240	Resp:	1488438
Ion Ratio	Lower	Upper	
240	100		
120	7.2	5.3	7.9
236	25.7	20.6	31.0





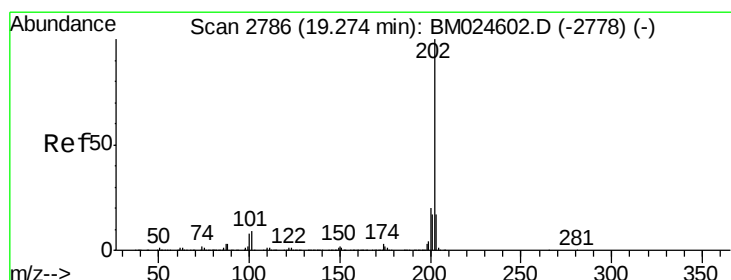
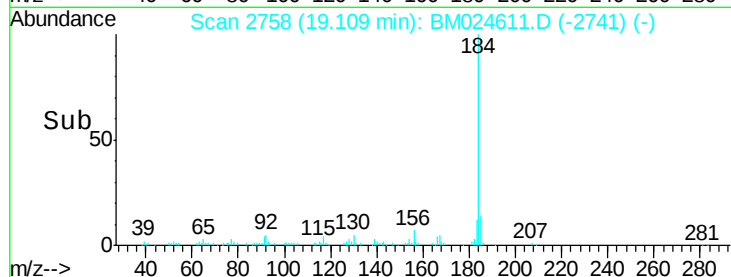
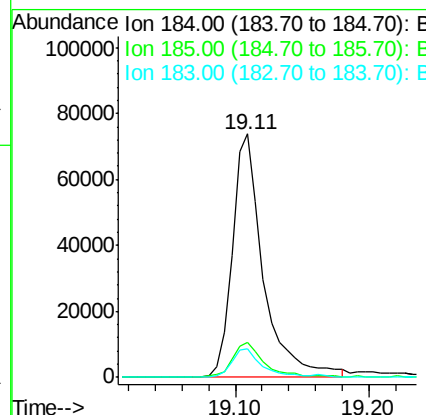
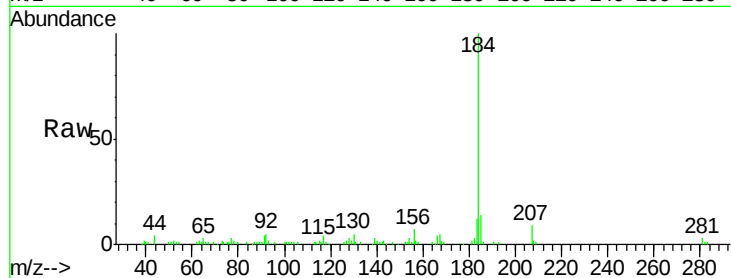
#77
Benzidine
Concen: 3.456 ng
RT: 19.11 min Scan# 2758
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.5	9.6	14.4

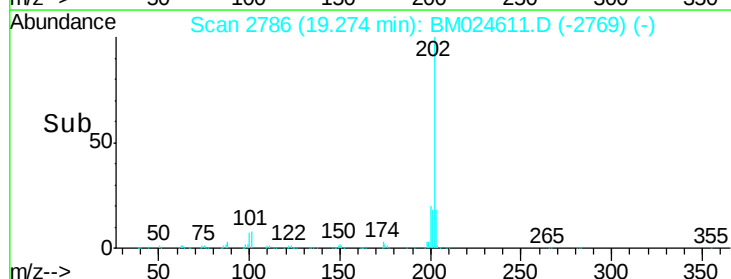
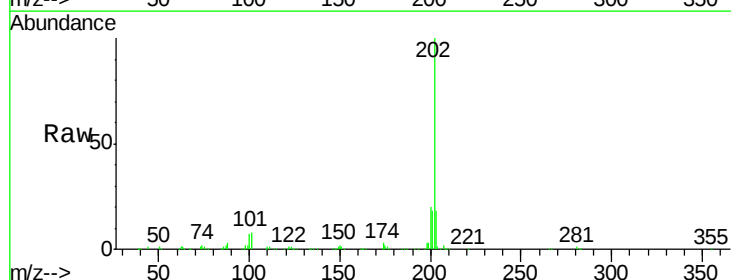
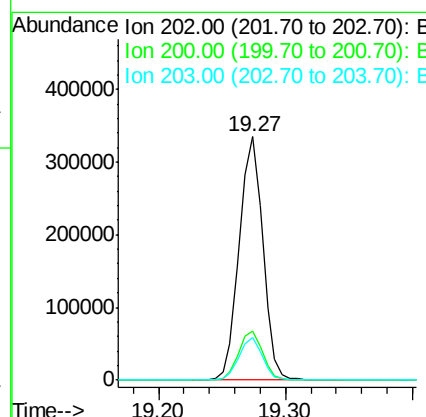
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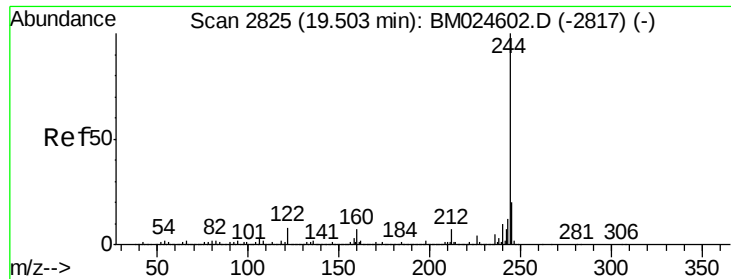
mohammad
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#78
Pyrene
Concen: 4.397 ng
RT: 19.27 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	17.7	14.0	21.0





#79

Terphenyl-d14

Concen: 88.063 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:244 Resp: 7021025

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

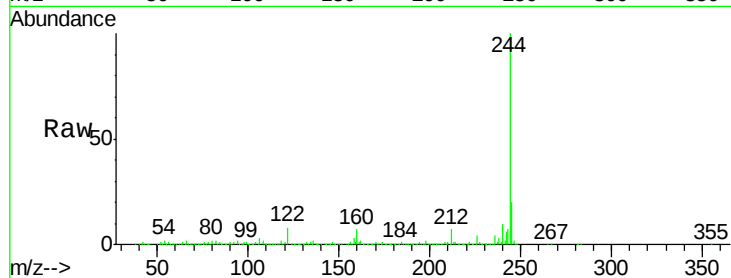
122 7.6 6.2 9.4

Manual Integrations

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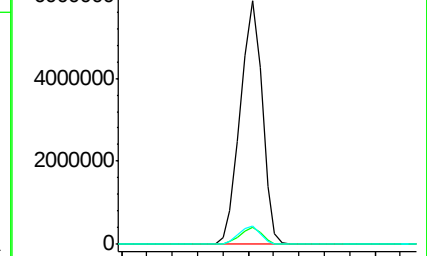
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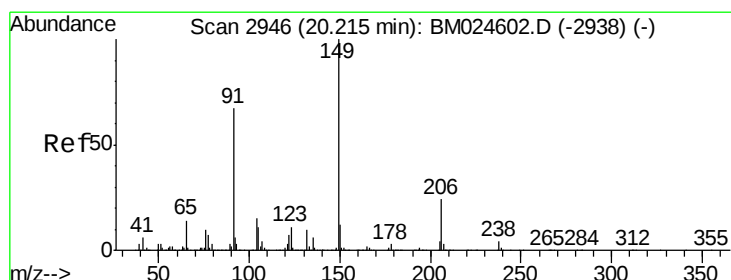
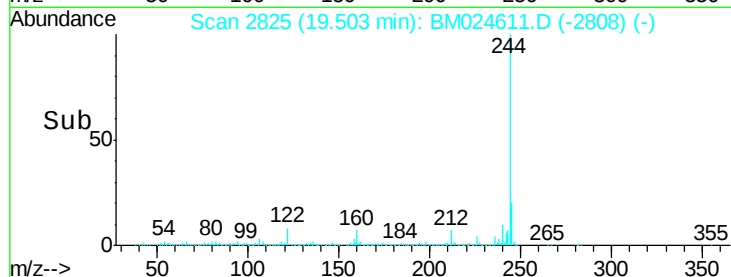
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.40 19.50 19.60



#80

Butylbenzylphthalate

Concen: 3.654 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

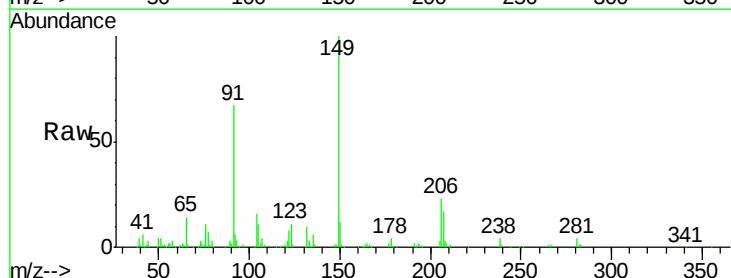
Tgt Ion:149 Resp: 150457

Ion Ratio Lower Upper

149 100

91 67.5 53.9 80.9

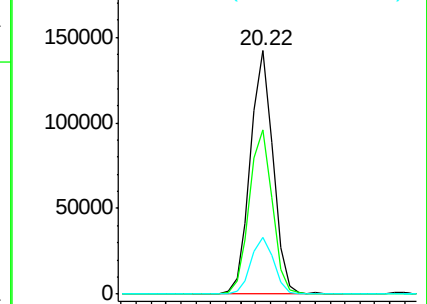
206 23.4 19.0 28.6



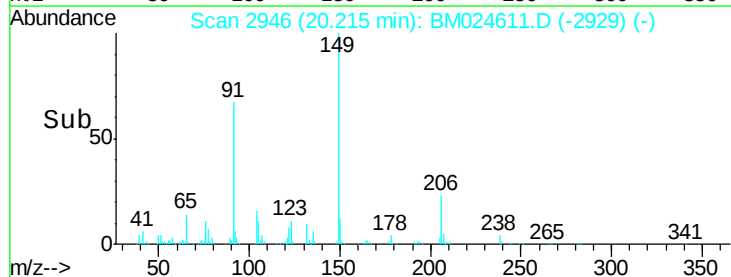
Abundance Ion 149.00 (148.70 to 149.70): E

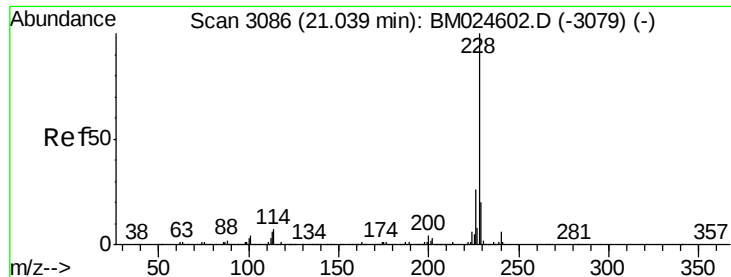
Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E



Time--> 20.15 20.20 20.25 20.30





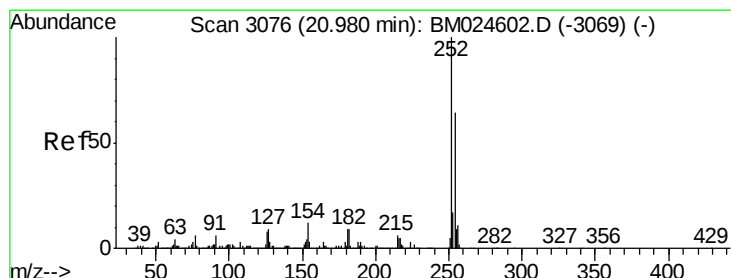
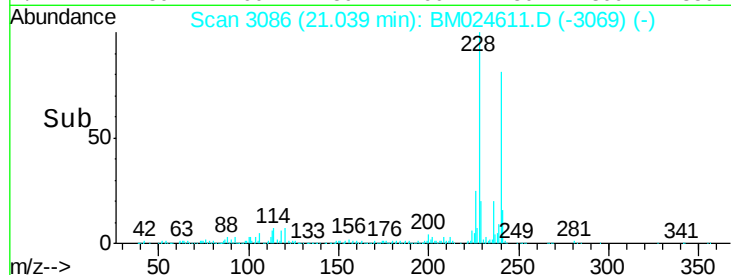
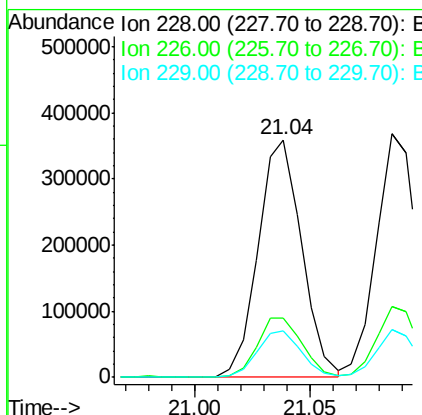
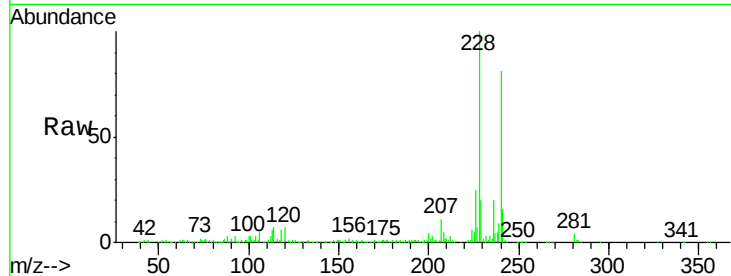
#81
Benzo(a)anthracene
Concen: 4.555 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	25.1		21.1	31.7	
229	19.6		15.8	23.6	

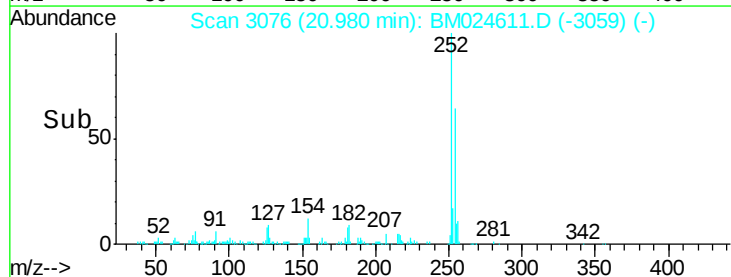
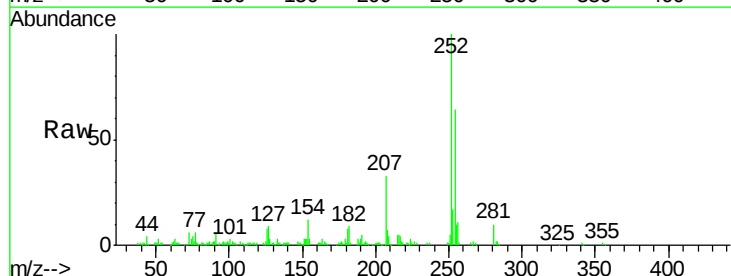
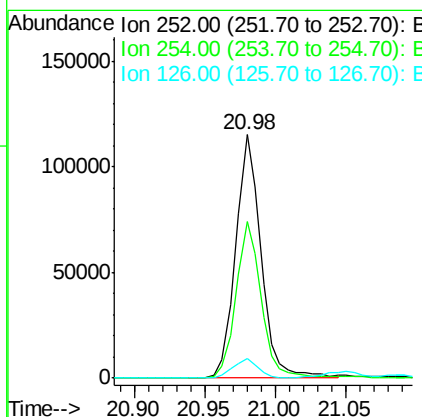
Manual Integrations
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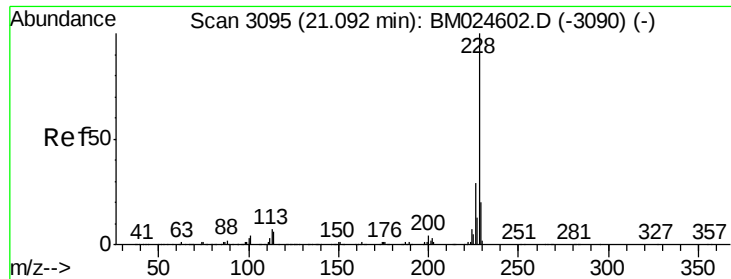
mohammad
1/24/2020 1:55:13 PM



#82
3,3'-Dichlorobenzidine
Concen: 3.894 ng
RT: 20.98 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.3		51.5	77.3	
126	8.2		6.7	10.1	





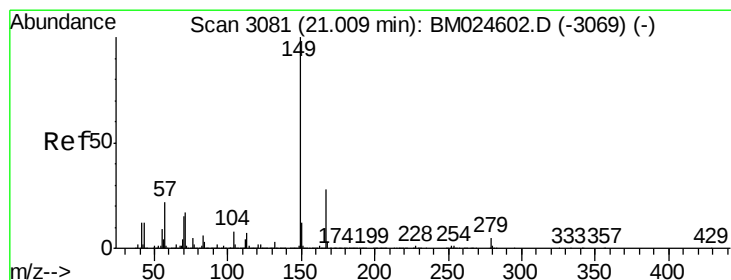
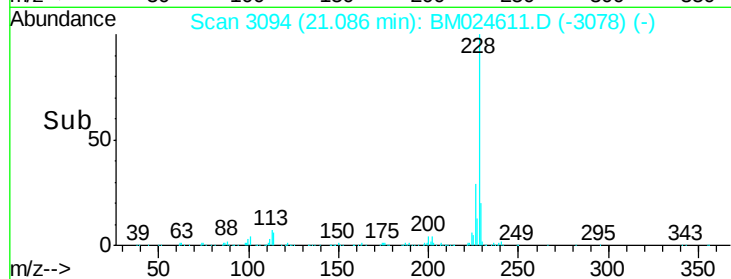
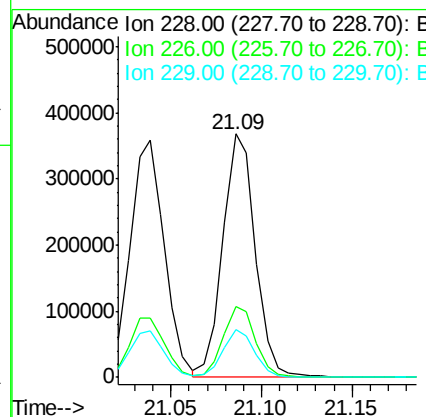
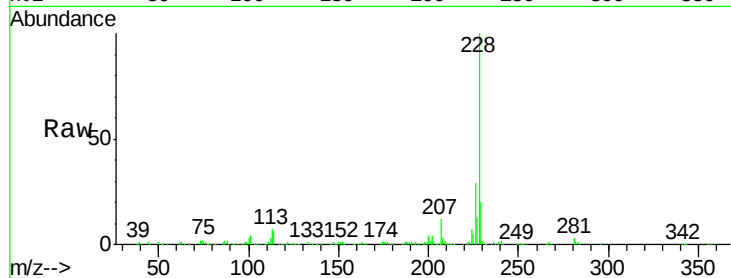
#83
Chrysene
Concen: 4.620 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.2	34.8
229	19.7	15.7	23.5

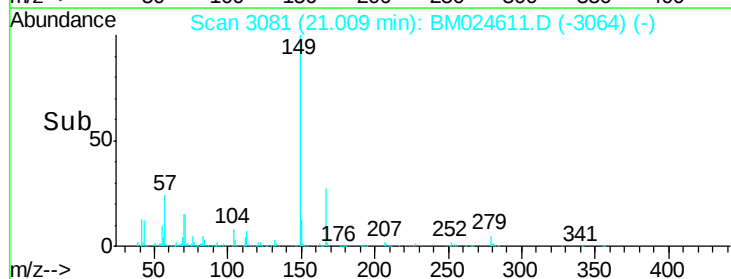
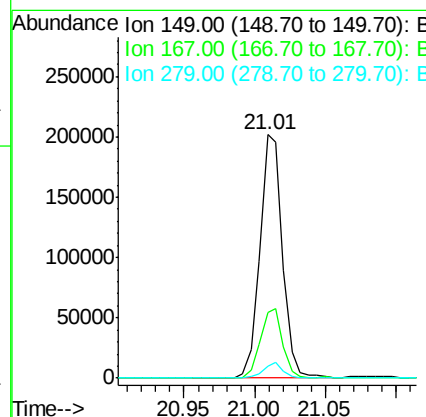
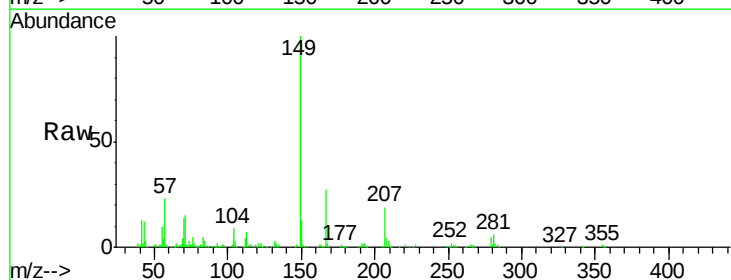
Manual Integrations
APPROVED

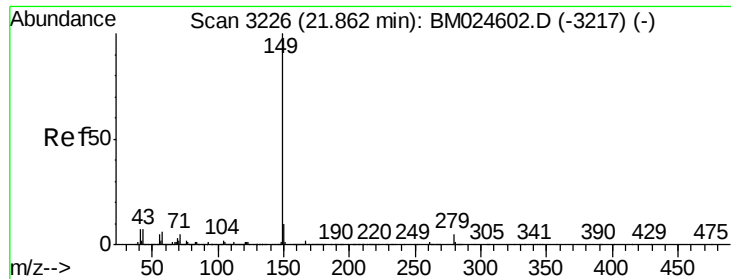
mohammad
1/24/2020 1:55:13 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.730 ng
RT: 21.01 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	4.8	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 3.626 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

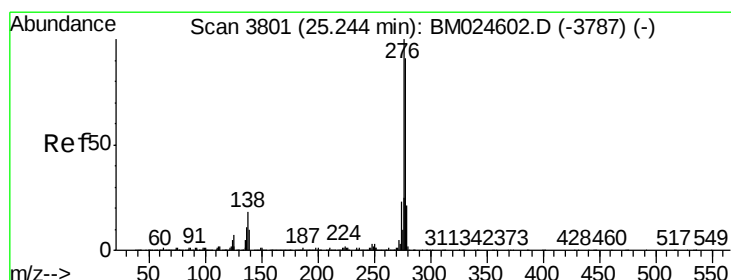
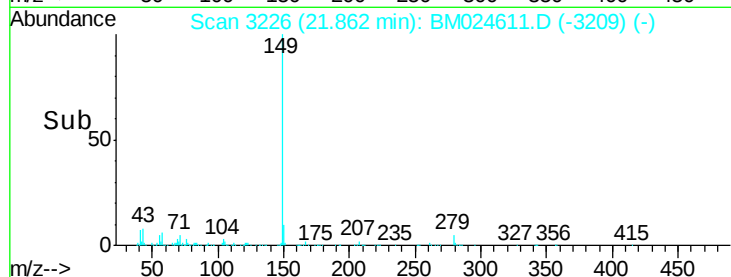
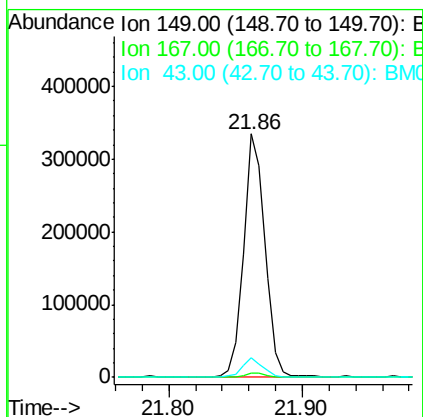
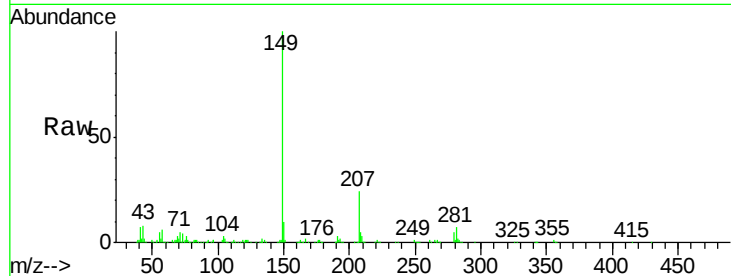
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	149	Resp:	363909
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	7.7	5.8	8.6

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.457 ng

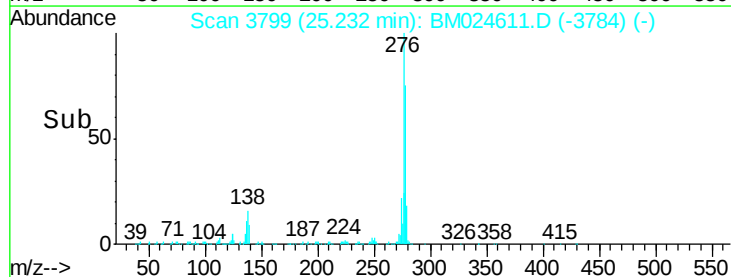
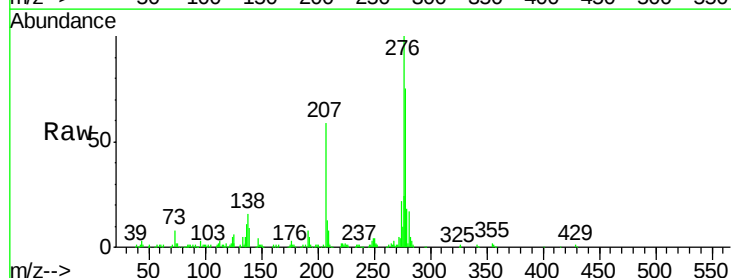
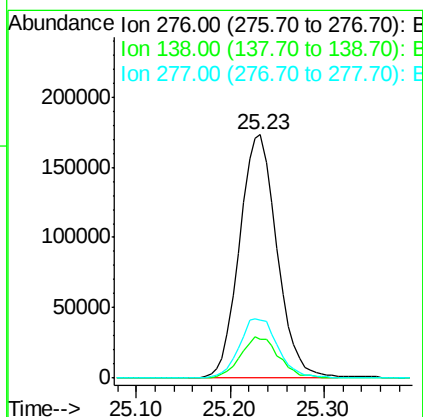
RT: 25.23 min Scan# 3799

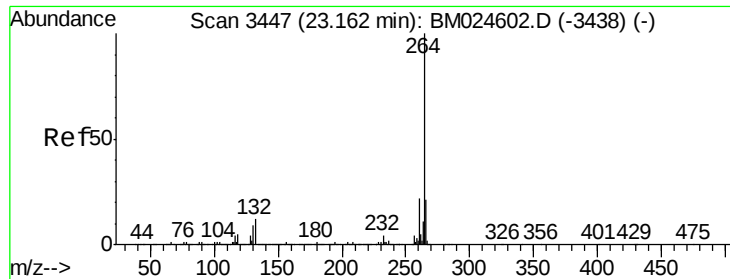
Delta R.T. -0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Tgt Ion:	276	Resp:	478865
Ion Ratio	Lower	Upper	
276	100		
138	17.3	13.4	20.0
277	25.2	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.17 min Scan# 3448

Delta R.T. 0.01 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:264 Resp: 1675975

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

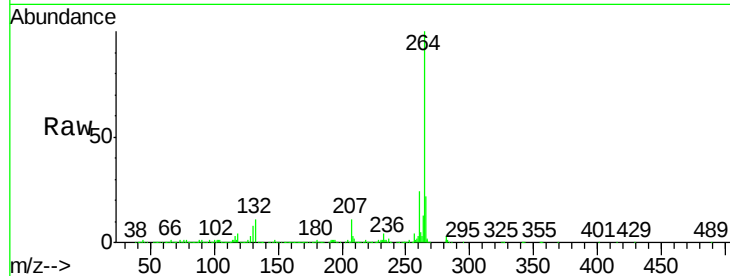
265 21.5 17.3 25.9

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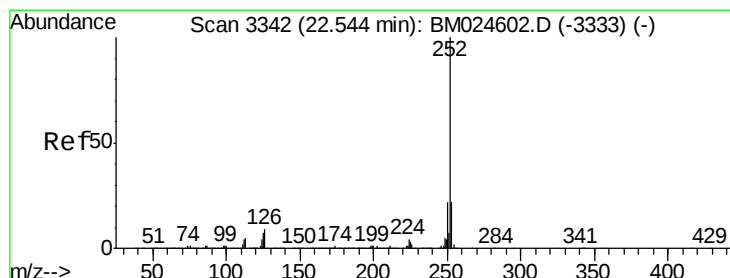
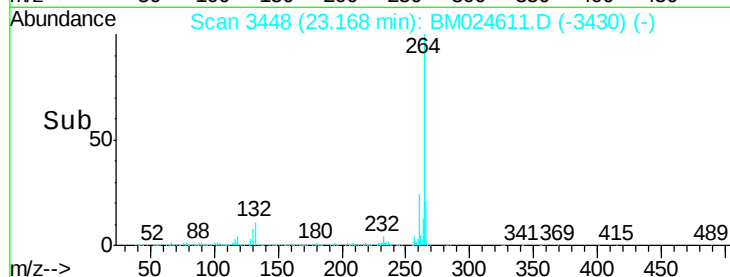
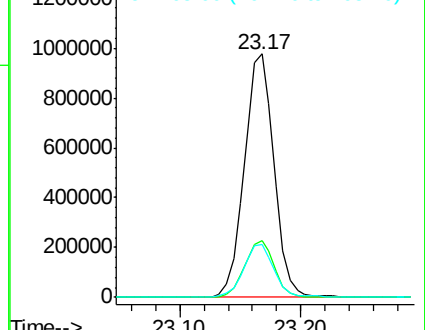
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.160 ng

RT: 22.54 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BM024611.D

Acq: 23 Jan 2020 17:09

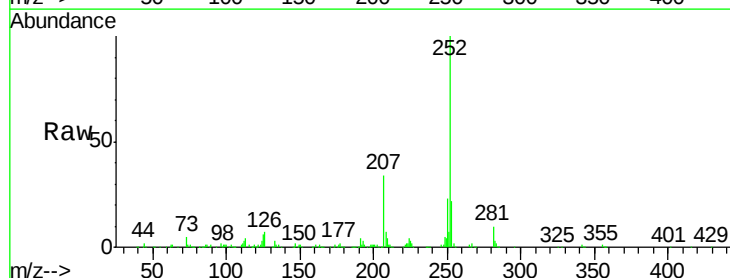
Tgt Ion:252 Resp: 452239

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

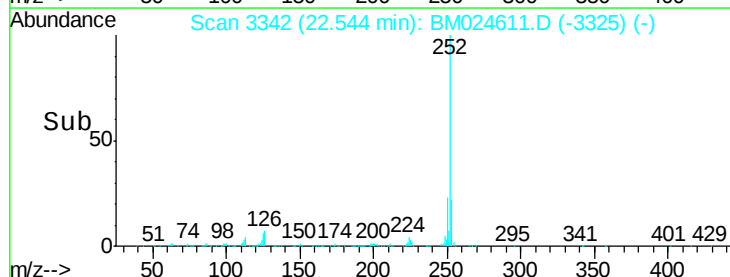
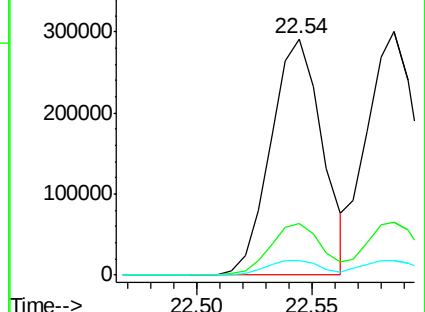
125 6.2 5.7 8.5

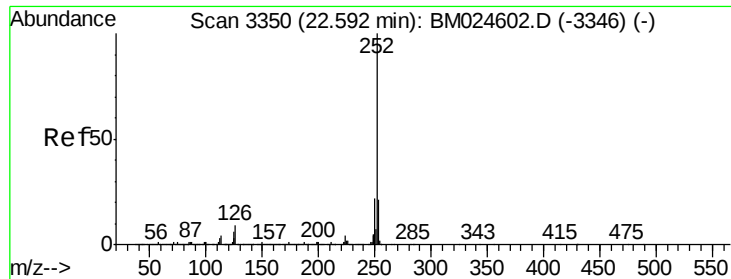


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





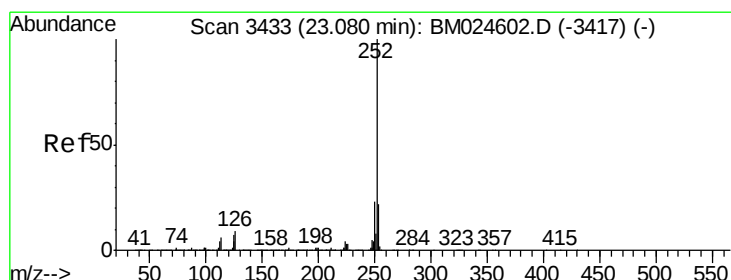
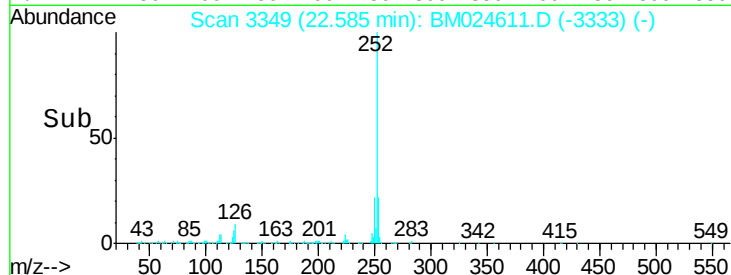
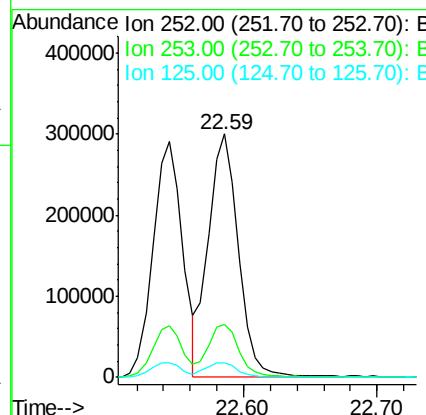
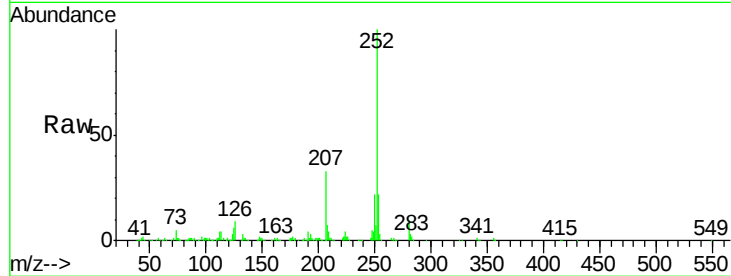
#89
Benzo(k)fluoranthene
Concen: 4.401 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	6.1	5.2	7.8

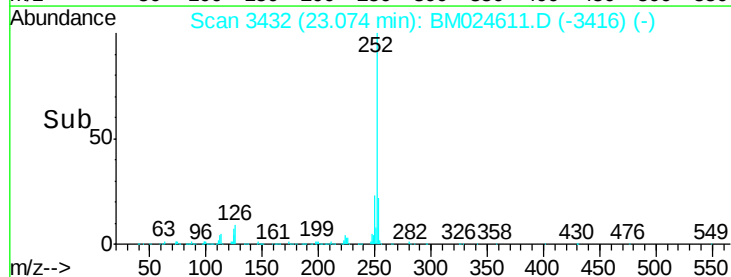
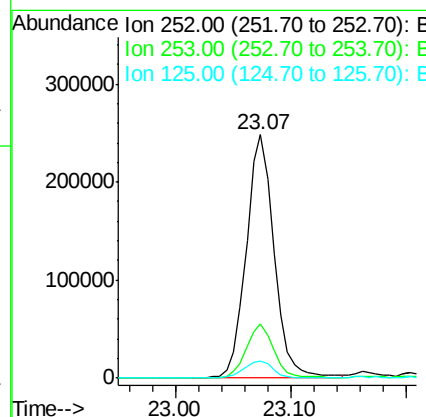
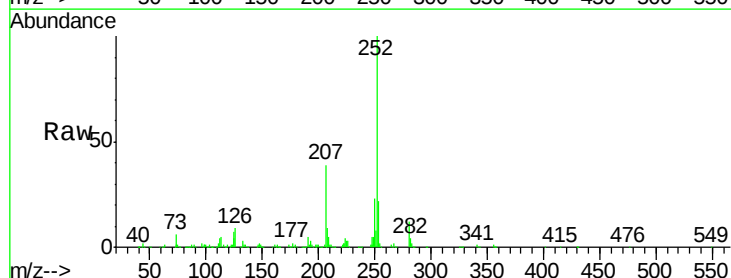
Manual Integrations
APPROVED

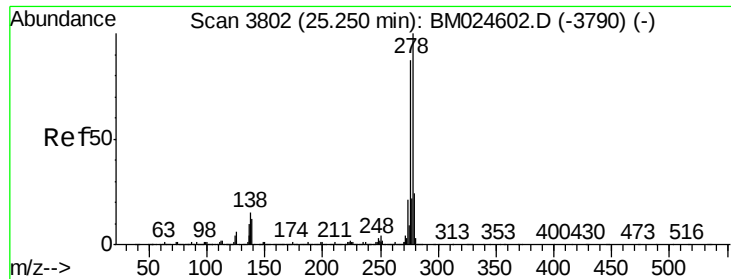
mohammad
1/24/2020 1:55:13 PM



#90
Benzo(a)pyrene
Concen: 4.182 ng
RT: 23.07 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	6.9	5.8	8.8





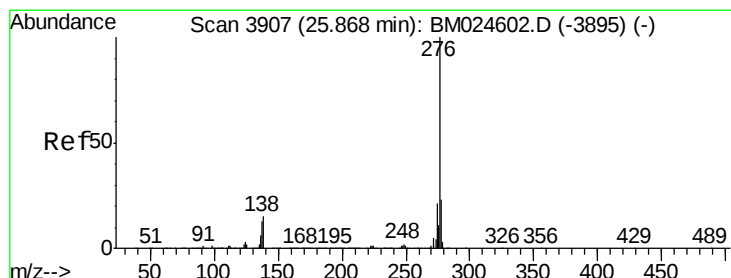
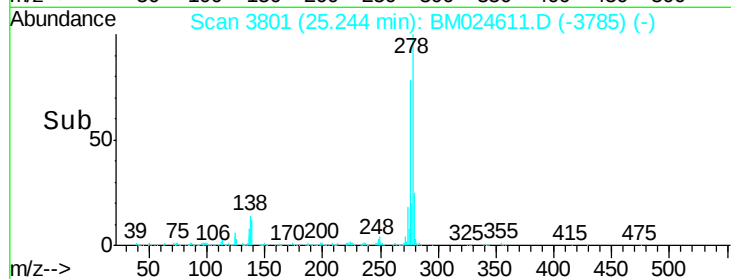
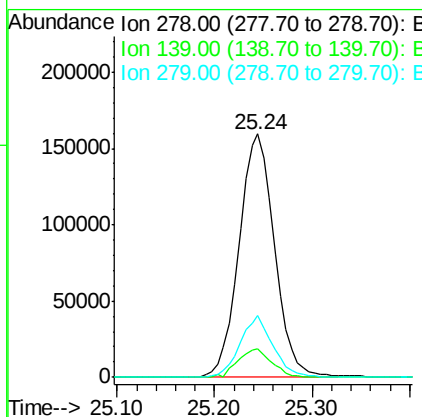
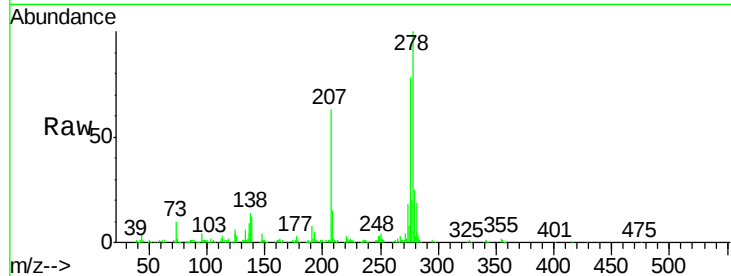
#91
Dibenzo(a,h)anthracene
Concen: 4.307 ng
RT: 25.24 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.3	13.9
279	25.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/24/2020 1:55:13 PM



#92
Benzo(g,h,i)perylene
Concen: 4.313 ng
RT: 25.85 min Scan# 3904
Delta R.T. -0.02 min
Lab File: BM024611.D
Acq: 23 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	14.3	11.9	17.9

