

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
 Data File : BM026706.D
 Acq On : 08 Jul 2020 15:59
 Operator : JU/CG
 Sample : L3216-07
 Misc : LOD-MDL-WTR-4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Manual Integrations
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mohammad
 7/9/2020 11:00:06 AM

Quant Time: Jul 08 16:32:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 13:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	45230	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	189387	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	124659	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	294945	20.00	ng	0.00
76) Chrysene-d12	20.96	240	370102	20.00	ng	0.00
86) Perylene-d12	23.03	264	423656	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	413140	153.10	ng	0.00
7) Phenol-d6	6.53	99	590553	137.36	ng	0.00
23) Nitrobenzene-d5	8.47	82	327296	73.73	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	280488	154.46	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	683921	72.95	ng	0.00
79) Terphenyl-d14	19.41	244	1051962	55.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	7841	6.047	ng	# 84
3) Pyridine	3.39	79	10836m	2.922	ng	
4) n-Nitrosodimethylamine	3.29	42	8150	3.672	ng	# 75
6) Aniline	6.67	93	17462	3.309	ng	99
8) 2-Chlorophenol	6.90	128	11012	3.426	ng	95
9) Benzaldehyde	6.49	77	13036	5.463	ng	91
10) Phenol	6.56	94	14855	3.496	ng	# 76
11) bis(2-Chloroethyl)ether	6.77	93	11967	3.368	ng	94
12) 1,3-Dichlorobenzene	7.22	146	12250	3.506	ng	95
13) 1,4-Dichlorobenzene	7.36	146	12725	3.578	ng	99
14) 1,2-Dichlorobenzene	7.67	146	12338	3.482	ng	97
15) Benzyl Alcohol	7.59	79	8741	2.376	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	23108	3.151	ng	93
17) 2-Methylphenol	7.79	107	8634	2.674	ng	# 93
18) Hexachloroethane	8.37	117	5021	3.555	ng	95
19) n-Nitroso-di-n-propylamine	8.14	70	9729	2.720	ng	# 95
20) 3+4-Methylphenols	8.12	107	11170	2.516	ng	94
22) Acetophenone	8.16	105	18387	3.416	ng	# 97
24) Nitrobenzene	8.52	77	16750	3.587	ng	95
25) Isophorone	9.05	82	25278	2.970	ng	99
26) 2-Nitrophenol	9.23	139	4113	2.386	ng	90
27) 2,4-Dimethylphenol	9.30	122	8762	3.126	ng	98
28) bis(2-Chloroethoxy)methane	9.55	93	14095	2.997	ng	99
29) 2,4-Dichlorophenol	9.78	162	7599	2.462	ng	93
30) 1,2,4-Trichlorobenzene	9.95	180	11616	3.373	ng	97
31) Naphthalene	10.13	128	35578	3.378	ng	96
32) Benzoic acid	9.46	122	681	0.320	ng	# 64
33) 4-Chloroaniline	10.27	127	12438	2.699	ng	94
34) Hexachlorobutadiene	10.42	225	7656	3.357	ng	90
35) Caprolactam	11.06	113	2123	1.942	ng	# 87
36) 4-Chloro-3-methylphenol	11.42	107	10640	2.727	ng	# 93
37) 2-Methylnaphthalene	11.76	142	24950	3.198	ng	97
38) 1-Methylnaphthalene	11.98	142	24899	3.331	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	13918	3.454	ng	98

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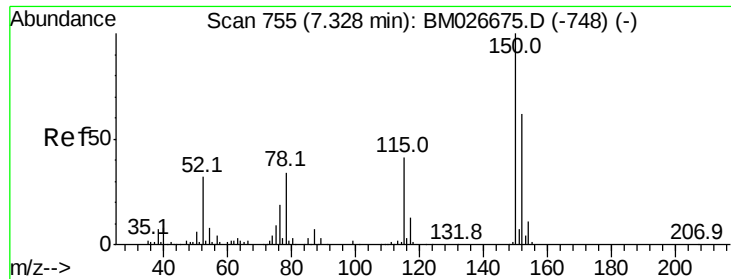
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	2552	1.327	nq	85
43) 2,4,6-Trichlorophenol	12.41	196	6812	2.580	nq	95
44) 2,4,5-Trichlorophenol	12.49	196	7372	2.376	nq	# 84
46) 1,1'-Biphenyl	12.81	154	37110	3.769	nq	96
47) 2-Chloronaphthalene	12.84	162	26350	3.313	nq	97
48) 2-Nitroaniline	13.08	65	7437	2.272	nq	96
49) Acenaphthylene	13.70	152	38617	3.037	nq	95
50) Dimethylphthalate	13.46	163	35626	3.341	nq	98
51) 2,6-Dinitrotoluene	13.59	165	6420	2.812	nq	93
52) Acenaphthene	14.05	154	25776	3.335	nq	97
53) 3-Nitroaniline	13.93	138	4668	1.965	nq	95
54) 2,4-Dinitrophenol	14.17	184	918m	0.687	nq	
55) Dibenzofuran	14.39	168	41713	3.292	nq	97
56) 4-Nitrophenol	14.31	139	1366	0.733	nq	# 77
57) 2,4-Dinitrotoluene	14.39	165	7201	2.185	nq	# 63
58) Fluorene	15.05	166	33367	3.180	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	7723	2.851	nq	# 92
60) Diethylphthalate	14.85	149	35300	3.131	nq	97
61) 4-Chlorophenyl-phenylether	15.06	204	18014	3.169	nq	97
62) 4-Nitroaniline	15.10	138	3591m	1.449	nq	
63) Azobenzene	15.35	77	35556	2.871	nq	93
65) 4,6-Dinitro-2-methylphenol	15.17	198	3136	1.564	nq	# 72
66) n-Nitrosodiphenylamine	15.27	169	28367	3.027	nq	93
67) 4-Bromophenyl-phenylether	15.95	248	10584	2.883	nq	98
68) Hexachlorobenzene	16.06	284	12516	3.239	nq	97
69) Atrazine	16.25	200	10436	3.703	nq	98
70) Pentachlorophenol	16.43	266	4270	1.953	nq	93
71) Phenanthrene	16.79	178	58259	3.346	nq	100
72) Anthracene	16.88	178	53606	3.093	nq	96
73) Carbazole	17.17	167	44160	2.672	nq	99
74) Di-n-butylphthalate	17.74	149	52135	2.509	nq	98
75) Fluoranthene	18.82	202	68275	3.184	nq	98
77) Benzidine	19.03	184	17554	2.406	nq	# 94
78) Pyrene	19.19	202	71338	3.060	nq	99
80) Butylbenzylphthalate	20.13	149	24498	2.342	nq	89
81) Benzo(a)anthracene	20.95	228	82215	3.307	nq	98
82) 3,3'-Dichlorobenzidine	20.90	252	23371	2.962	nq	# 98
83) Chrysene	21.00	228	81632	3.374	nq	98
84) Bis(2-ethylhexyl)phthalate	20.92	149	40294	2.404	nq	100
85) Di-n-octyl phthalate	21.76	149	70153	2.449	nq	96
87) Indeno(1,2,3-cd)pyrene	25.04	276	111059	3.682	nq	99
88) Benzo(b)fluoranthene	22.43	252	85786	3.073	nq	99
89) Benzo(k)fluoranthene	22.47	252	92117	3.364	nq	98
90) Benzo(a)pyrene	22.94	252	78216	3.018	nq	98
91) Dibenzo(a,h)anthracene	25.05	278	94499	3.712	nq	97
92) Benzo(g,h,i)perylene	25.64	276	96592	4.117	nq	99

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



#1

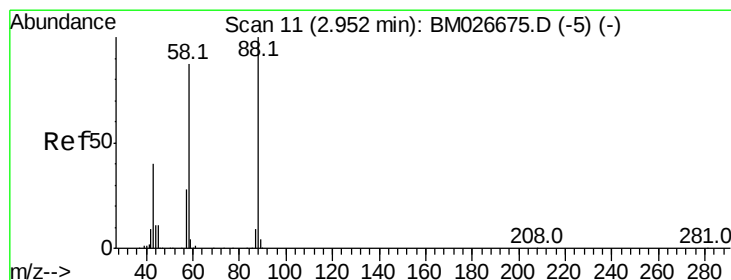
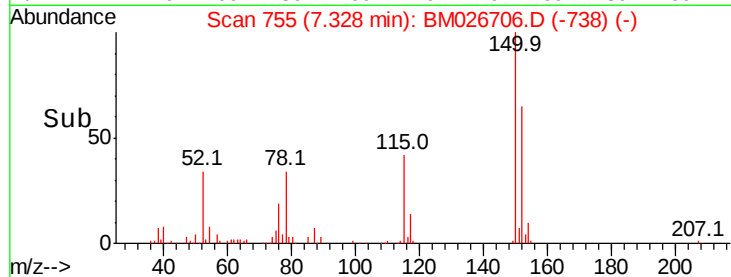
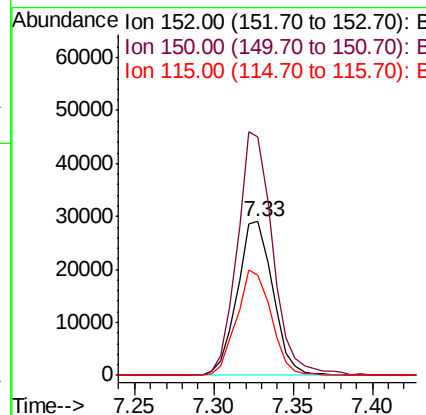
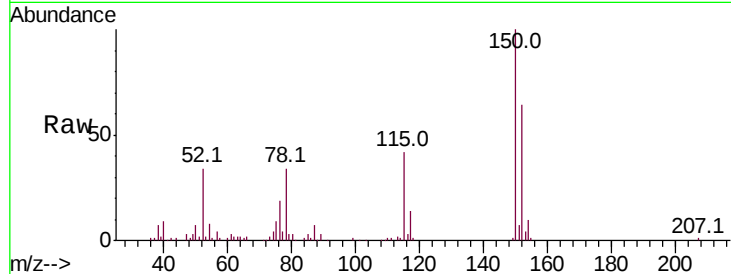
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.33 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.1	192.1
115	65.4	52.2	78.4

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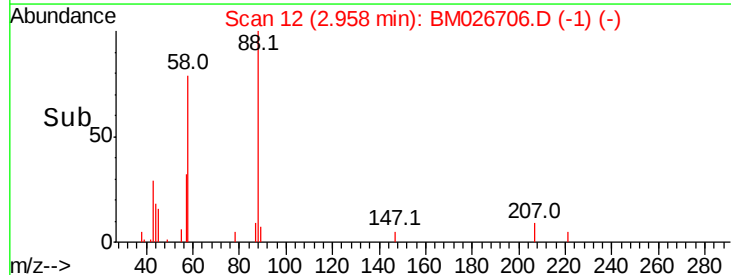
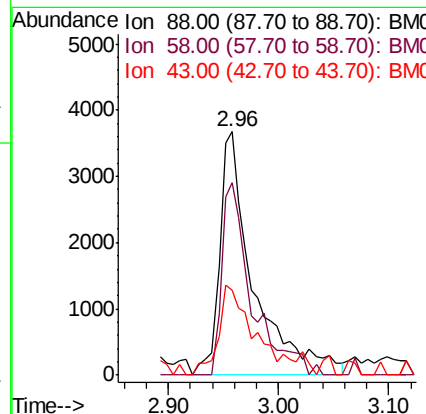
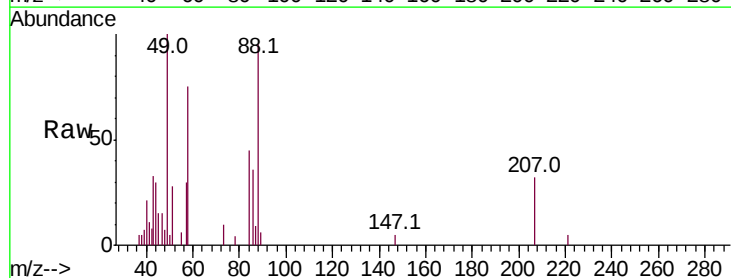
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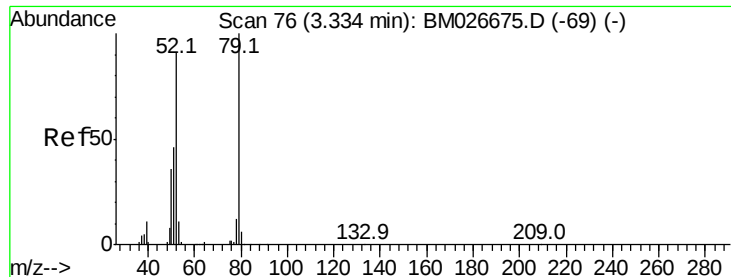


#2

1,4-Dioxane
Concen: 6.047 ng
RT: 2.96 min Scan# 12
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	73.2	109.8#
43	42.2	34.3	51.5





#3

Pvridine

Concen: 2.922 ng/ml

RT: 3.39 min Scan# 86

Delta R.T. 0.06 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

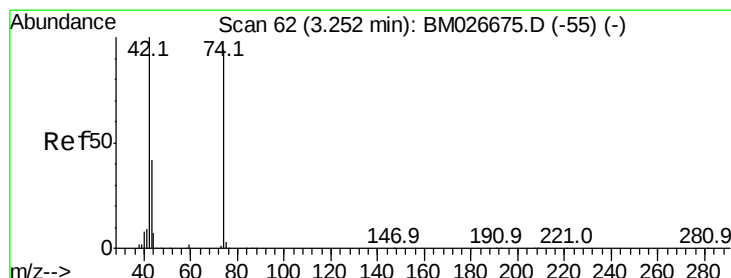
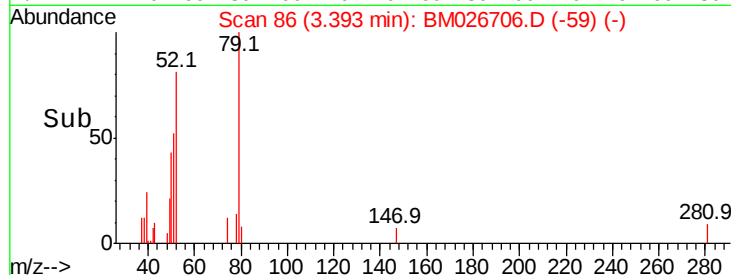
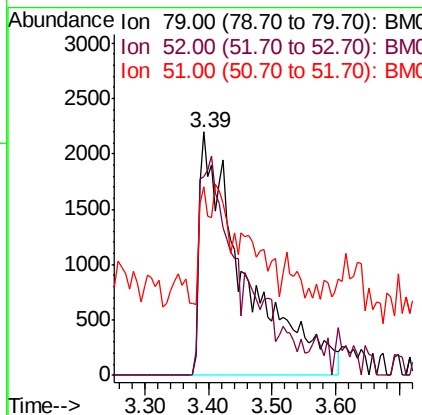
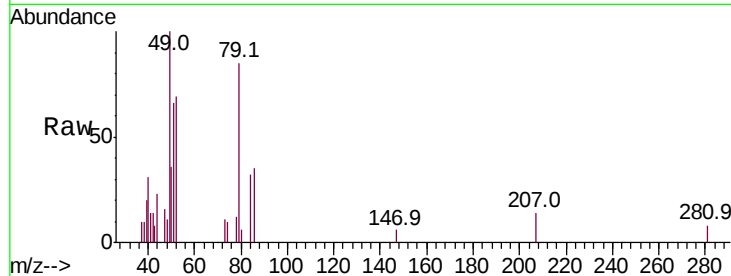
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	79	Resp:	10836
Ion Ratio	Lower	Upper	
79	100		
52	81.5	72.9	109.3
51	77.7	37.6	56.4#

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#4

n-Nitrosodimethylamine

Concen: 3.672 ng/ml

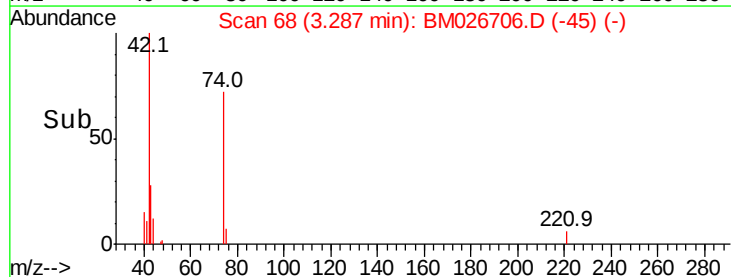
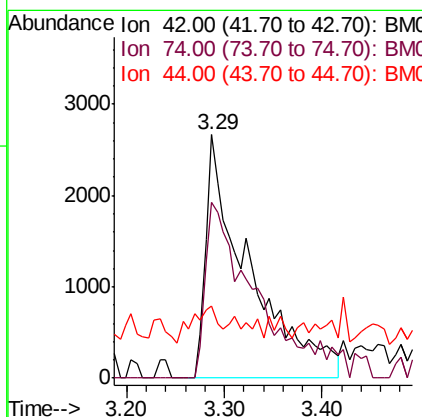
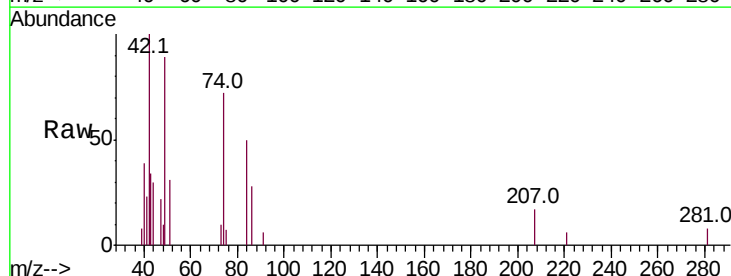
RT: 3.29 min Scan# 68

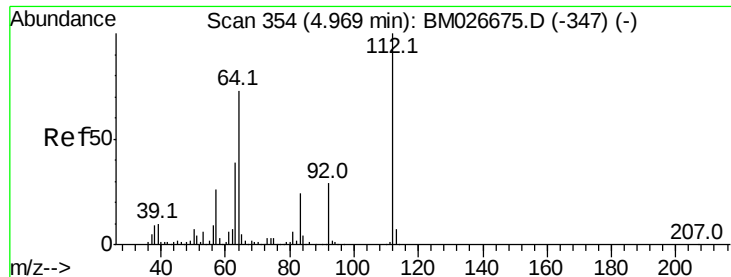
Delta R.T. 0.04 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	42	Resp:	8150
Ion Ratio	Lower	Upper	
42	100		
74	72.3	75.1	112.7#
44	29.9	5.7	8.5#





#5

2-Fluorophenol

Concen: 153.098 ng

RT: 4.96 min Scan# 353

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

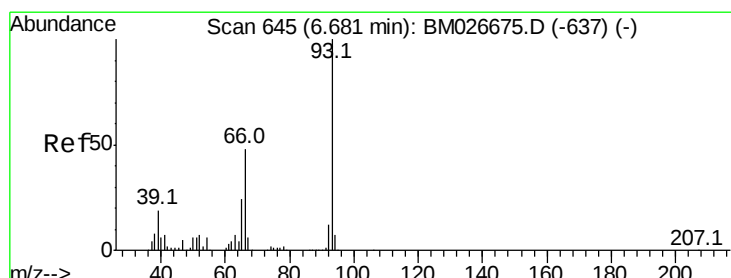
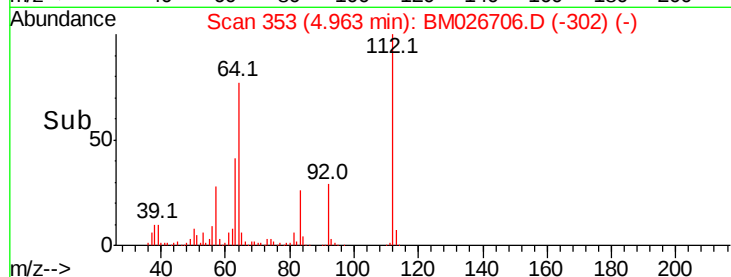
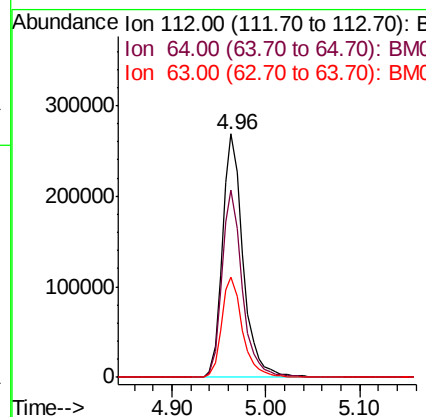
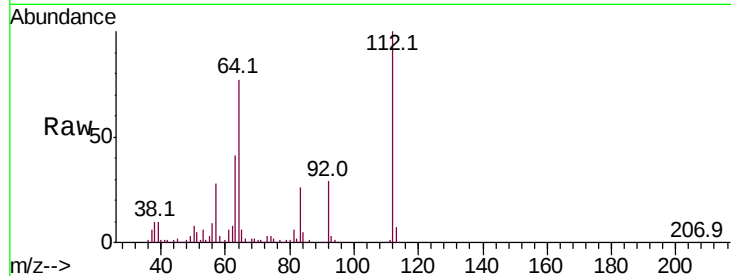
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	112	Resp:	413140
Ion Ratio	Lower	Upper	
112	100		
64	77.0	58.4	87.6
63	41.4	31.5	47.3

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#6

Aniline

Concen: 3.309 ng

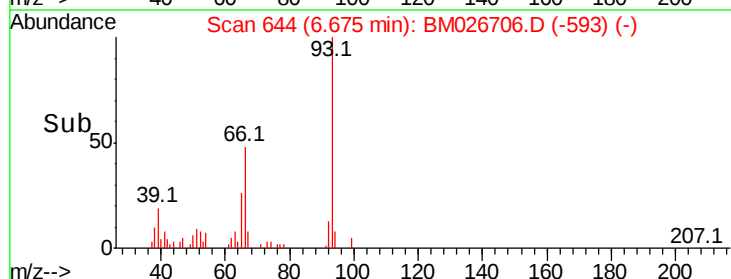
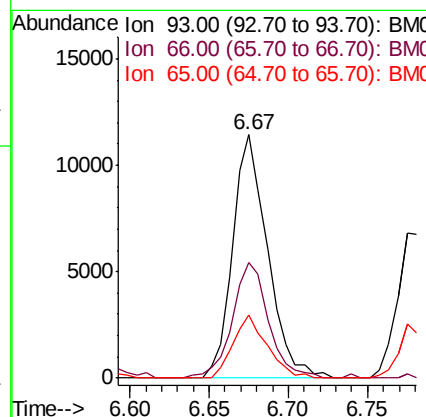
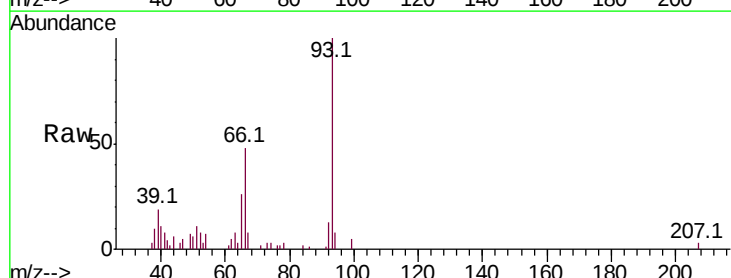
RT: 6.67 min Scan# 644

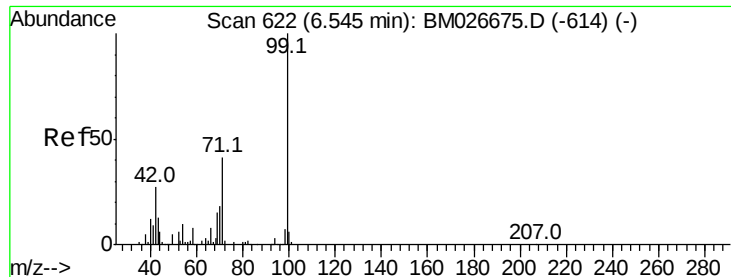
Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	93	Resp:	17462
Ion Ratio	Lower	Upper	
93	100		
66	47.7	38.2	57.4
65	25.8	19.6	29.4





#7

Phenol-d6

Concen: 137.355 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

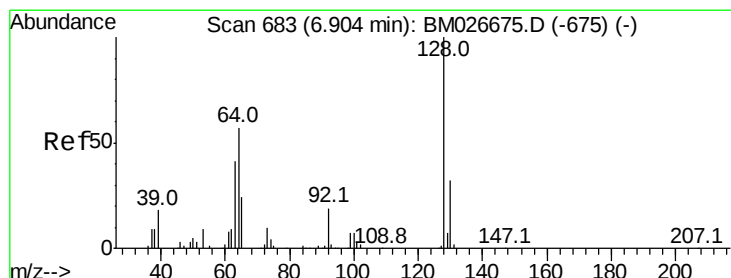
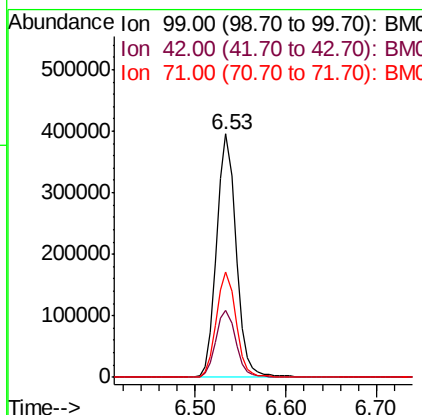
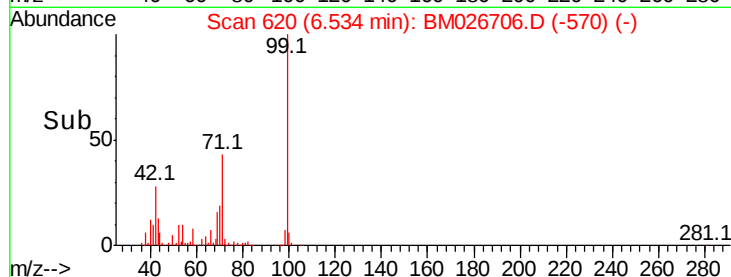
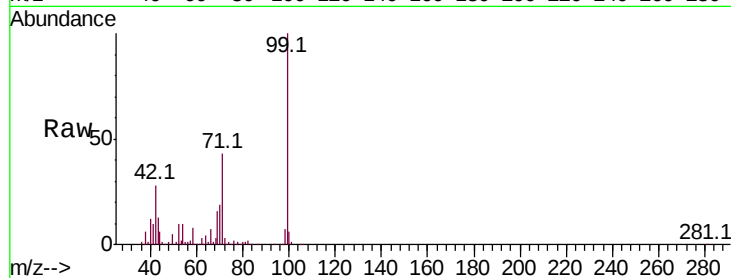
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	99	Resp	590553
Ion	Ratio	Lower	Upper
99	100		
42	27.7	21.7	32.5
71	43.2	33.2	49.8

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#8

2-Chlorophenol

Concen: 3.426 ng

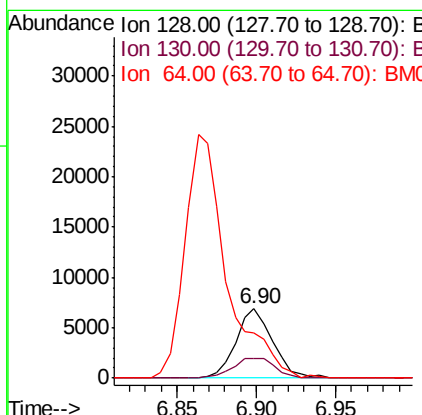
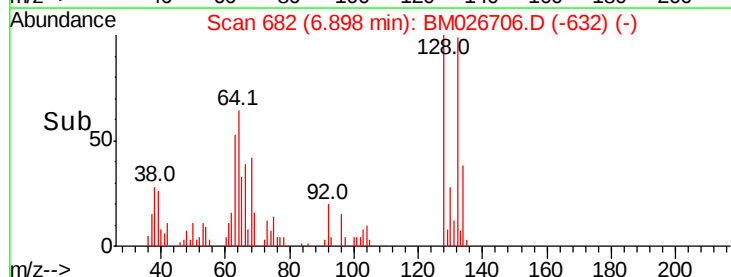
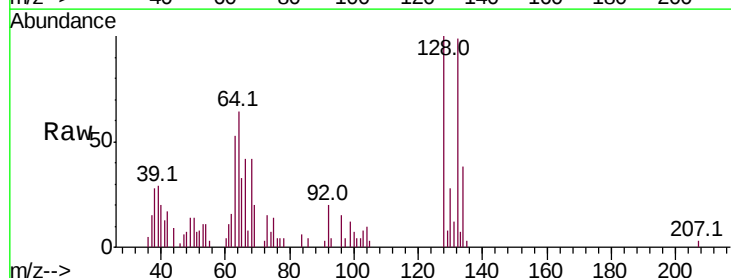
RT: 6.90 min Scan# 682

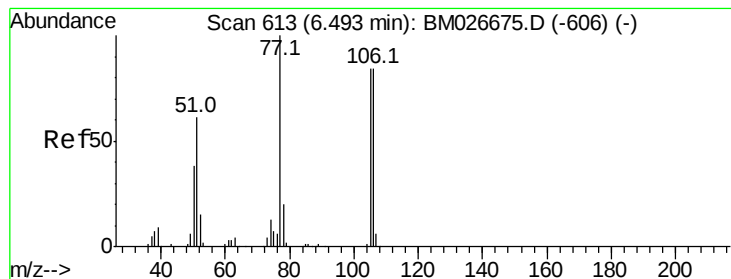
Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion	128	Resp	11012
Ion	Ratio	Lower	Upper
128	100		
130	27.7	12.2	52.2
64	64.5	41.4	81.4





#9

Benzaldehyde

Concen: 5.463 ng

RT: 6.49 min Scan# 613

Delta R.T. 0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

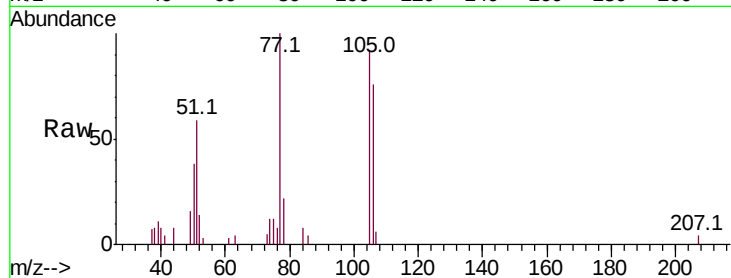
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.8	64.4	104.4
106	76.0	64.3	104.3

Manual Integrations
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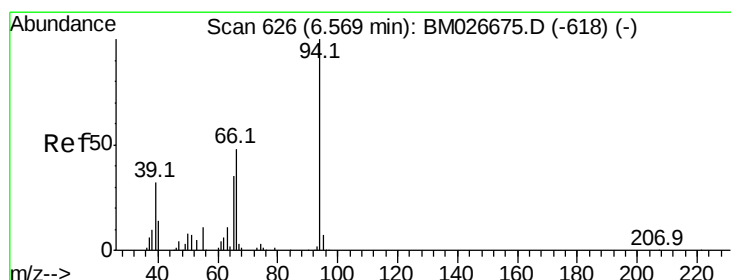
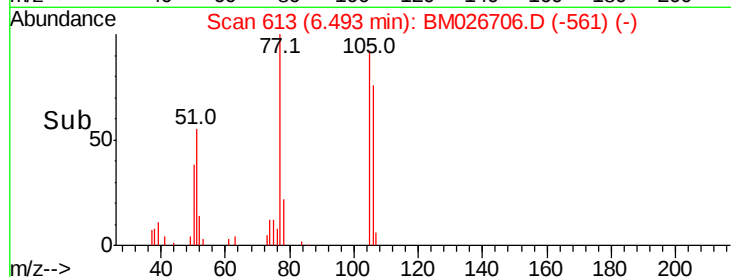
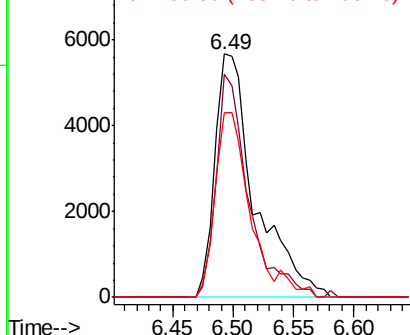
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Abundance Ion 77.00 (76.70 to 77.70): BM026706.D (-561) (-)

Ion 105.00 (104.70 to 105.70): BM026706.D (-561) (-)

Ion 106.00 (105.70 to 106.70): BM026706.D (-561) (-)



#10

Phenol

Concen: 3.496 ng

RT: 6.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BM026706.D

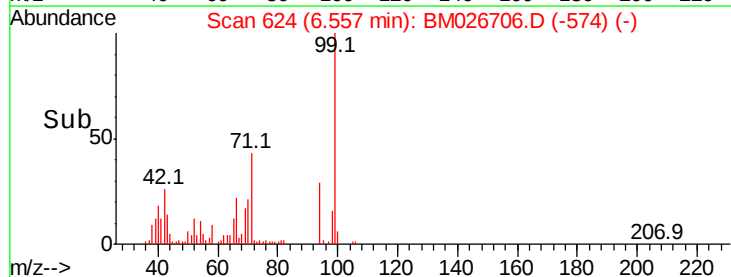
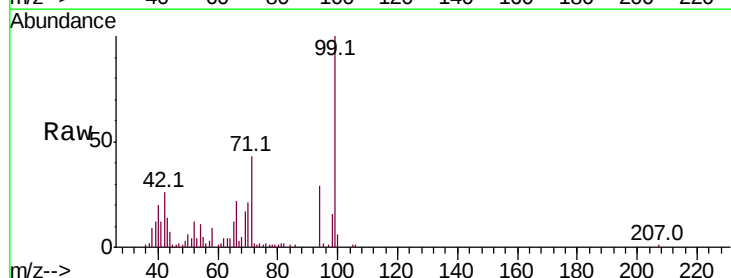
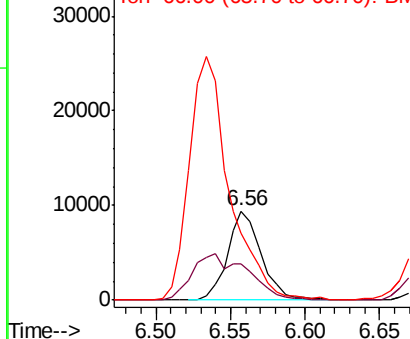
Acq: 08 Jul 2020 15:59

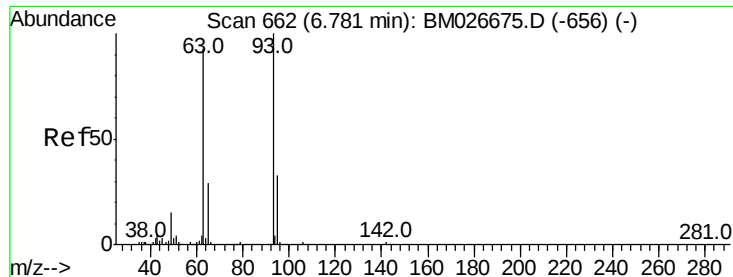
Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.2	15.5	55.5
66	74.7	29.8	69.8

Abundance Ion 94.00 (93.70 to 94.70): BM026706.D (-574) (-)

Ion 65.00 (64.70 to 65.70): BM026706.D (-574) (-)

Ion 66.00 (65.70 to 66.70): BM026706.D (-574) (-)





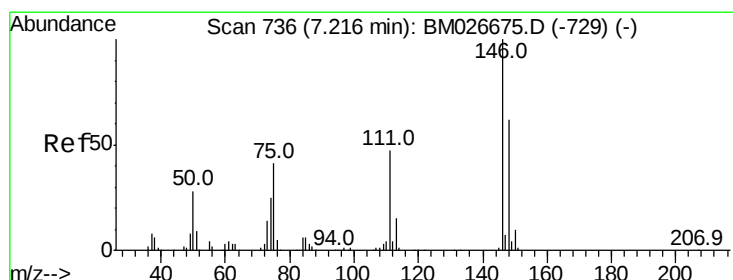
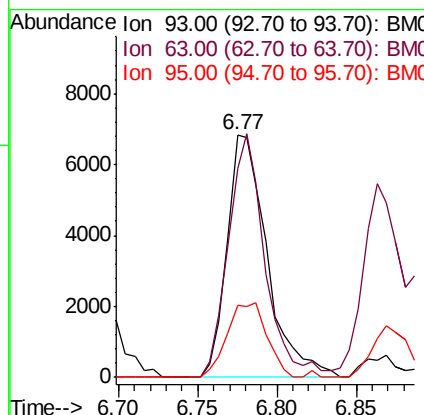
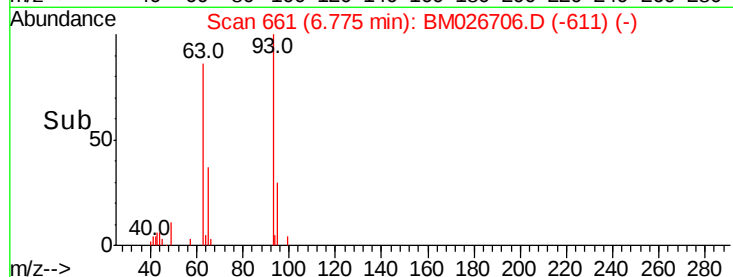
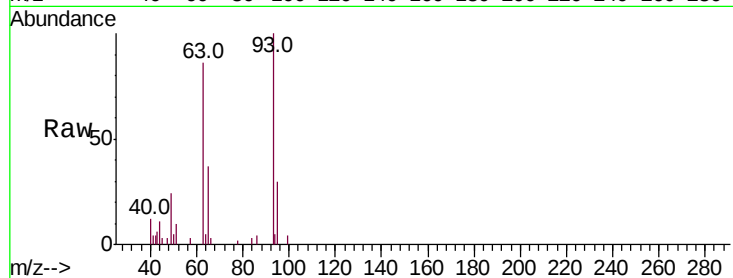
#11
bis(2-Chloroethyl)ether
Concen: 3.368 ng
RT: 6.77 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:	93	Resp:	11967
Ion Ratio	Lower	Upper	
93	100		
63	86.4	72.6	112.6
95	29.7	12.3	52.3

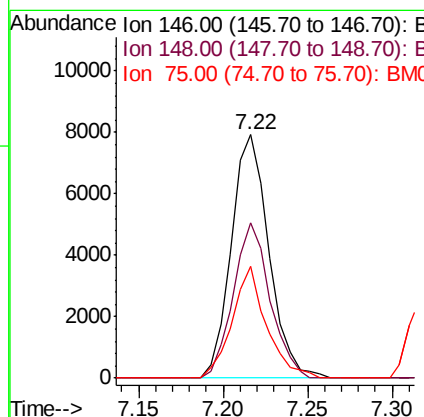
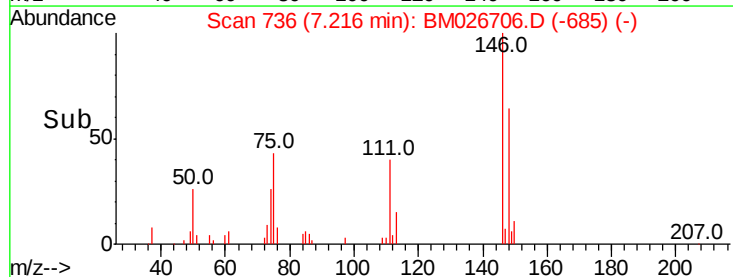
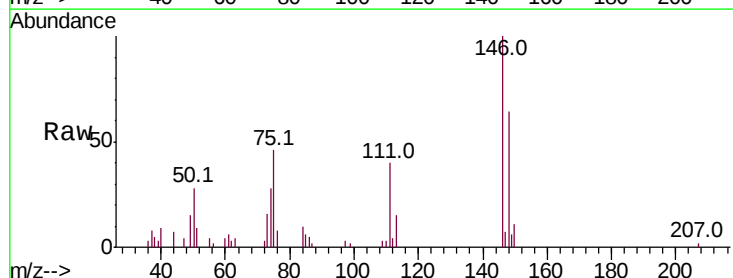
Manual Integrations
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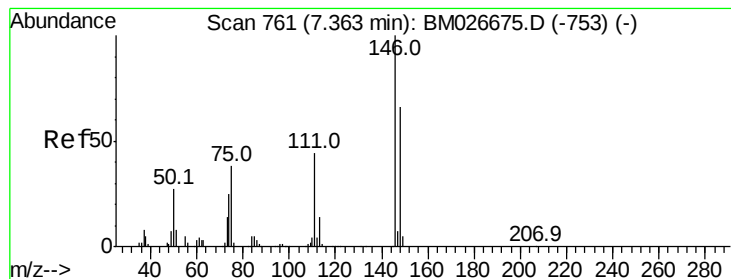
mohammad
7/9/2020 11:00:06 AM



#12
1,3-Dichlorobenzene
Concen: 3.506 ng
RT: 7.22 min Scan# 736
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion:	146	Resp:	12250
Ion Ratio	Lower	Upper	
146	100		
148	63.7	49.7	74.5
75	46.0	32.7	49.1





#13

1,4-Dichlorobenzene

Concen: 3.578 ng

RT: 7.36 min Scan# 761

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

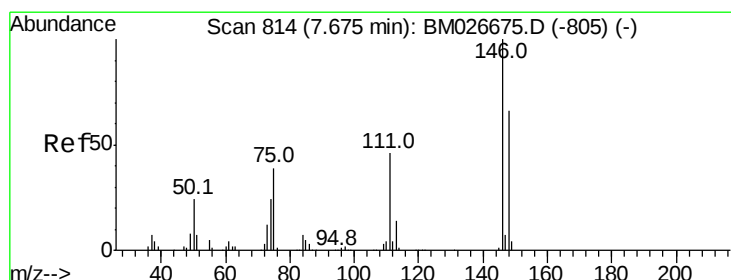
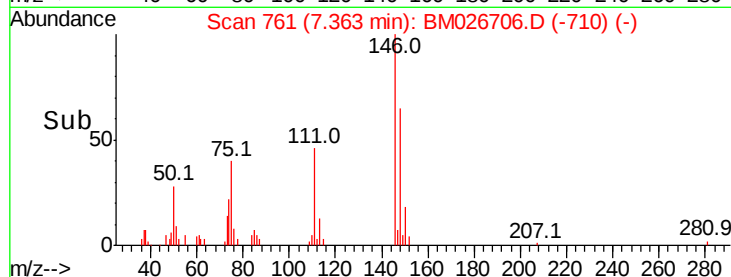
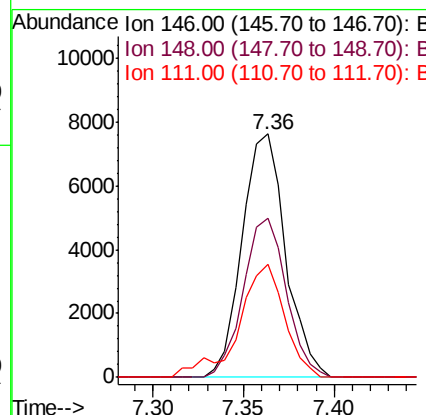
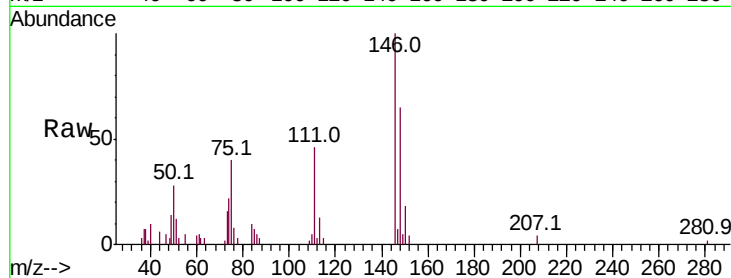
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	146	Resp:	12725
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.4	78.6
111	46.3	35.6	53.4

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#14

1,2-Dichlorobenzene

Concen: 3.482 ng

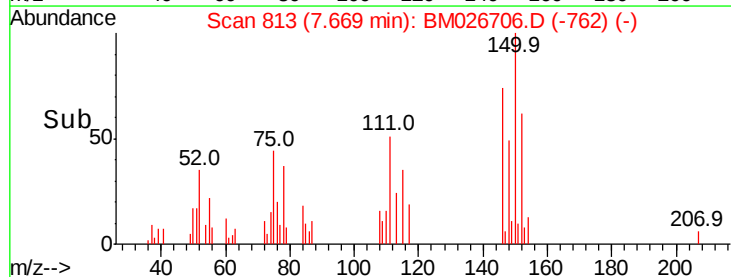
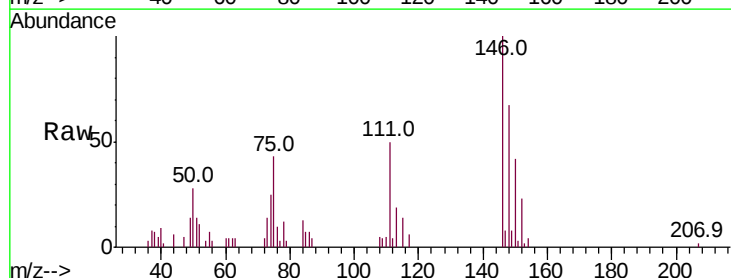
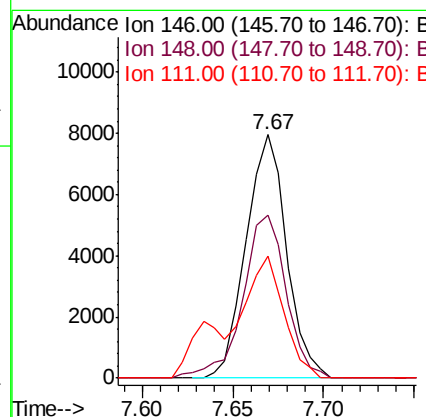
RT: 7.67 min Scan# 813

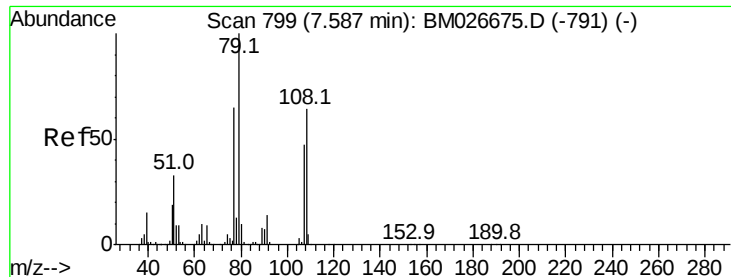
Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	146	Resp:	12338
Ion Ratio	Lower	Upper	
146	100		
148	67.0	52.6	78.8
111	50.2	37.2	55.8





#15

Benzyl Alcohol

Concen: 2.376 ng

RT: 7.59 min Scan# 800

Delta R.T. 0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

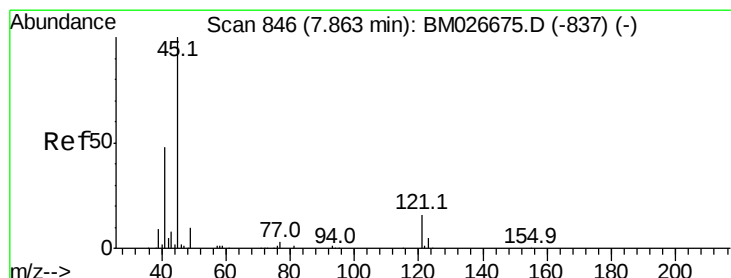
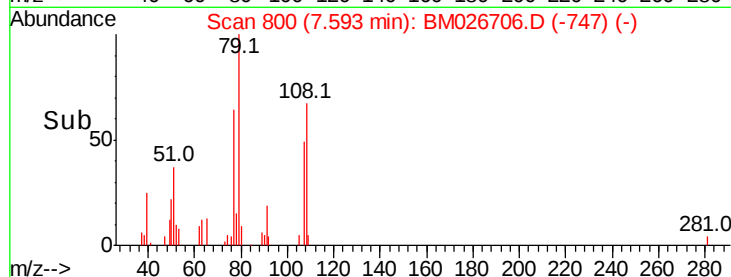
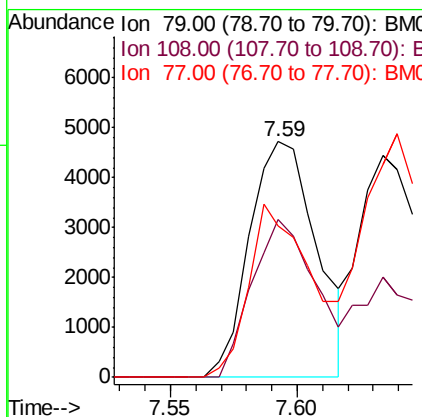
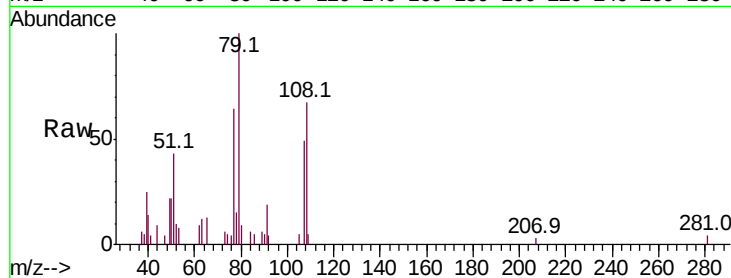
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	79	Resp:	8741
Ion	Ratio	Lower	Upper
79	100		
108	66.8	51.0	76.4
77	64.3	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.151 ng

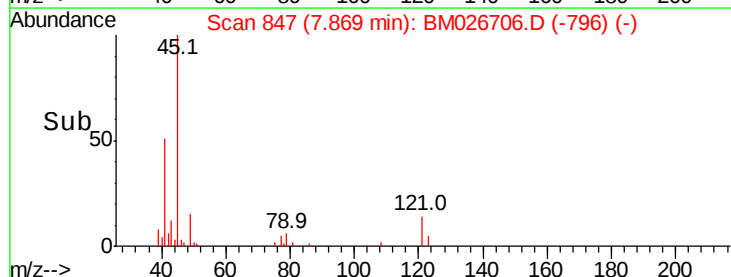
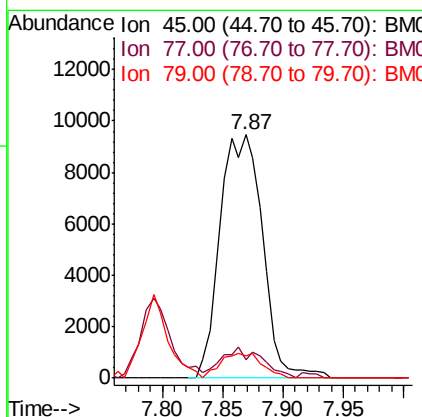
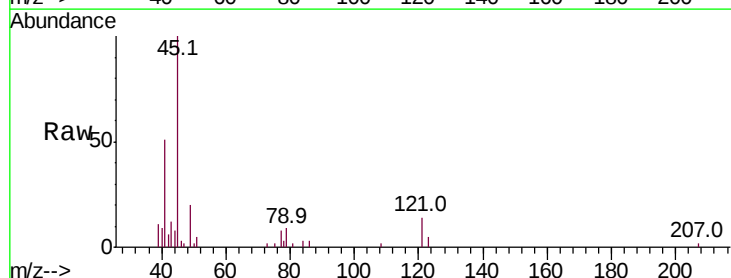
RT: 7.87 min Scan# 847

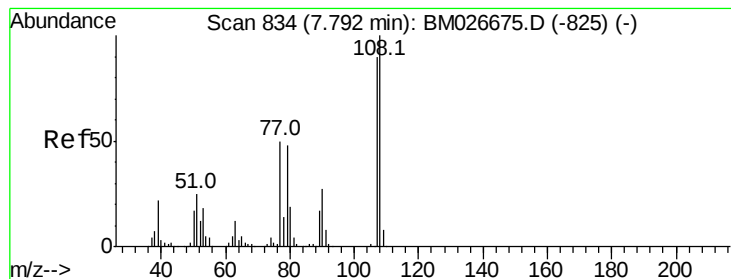
Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	45	Resp:	23108
Ion	Ratio	Lower	Upper
45	100		
77	7.5	0.0	31.4
79	9.1	0.0	28.4





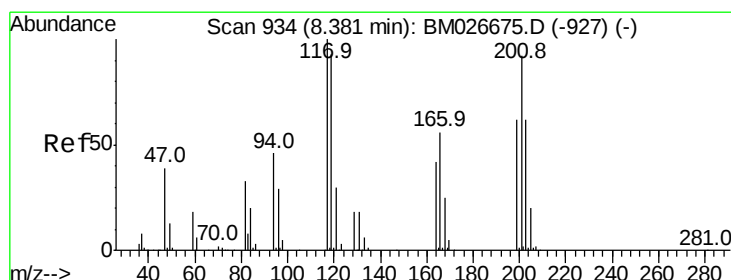
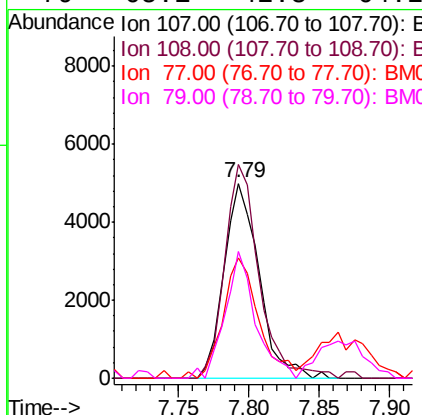
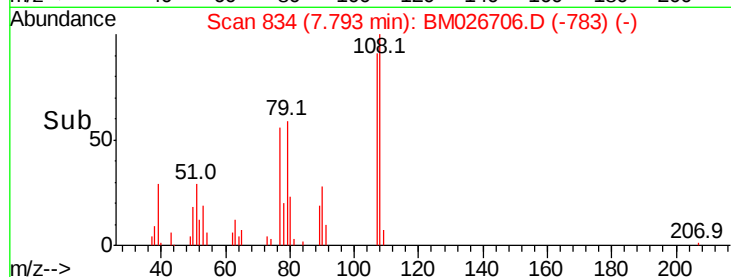
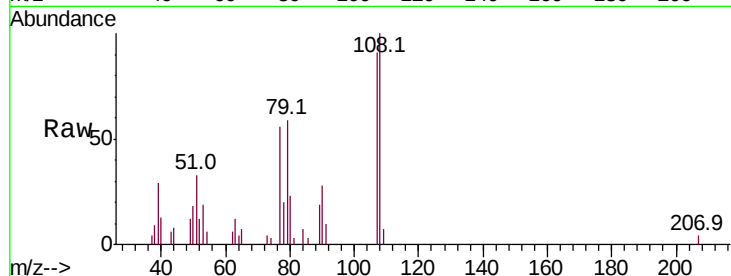
#17
2-Methylphenol
Concen: 2.674 ng
RT: 7.79 min Scan# 834
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	89.4	134.0	
77	61.9	45.2	67.8	
79	65.1	42.8	64.2	

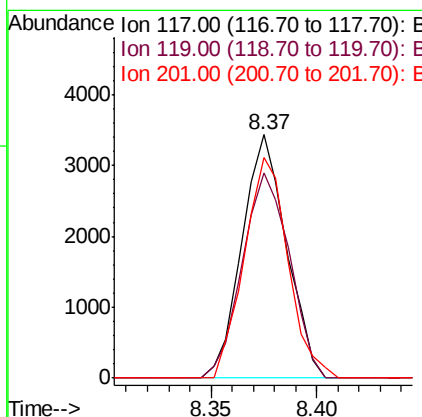
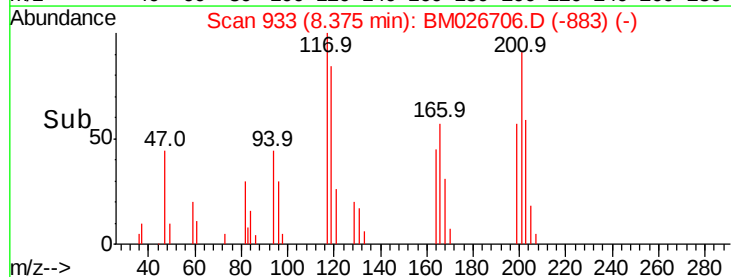
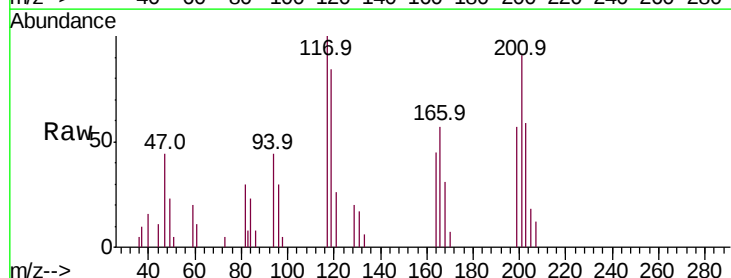
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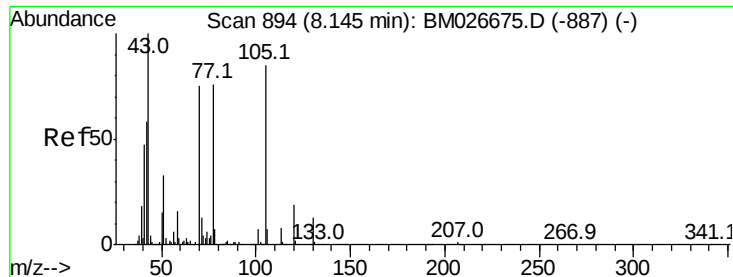
mohammad
7/9/2020 11:00:06 AM



#18
Hexachloroethane
Concen: 3.555 ng
RT: 8.37 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	84.4	74.2	111.2	
201	90.8	73.6	110.4	





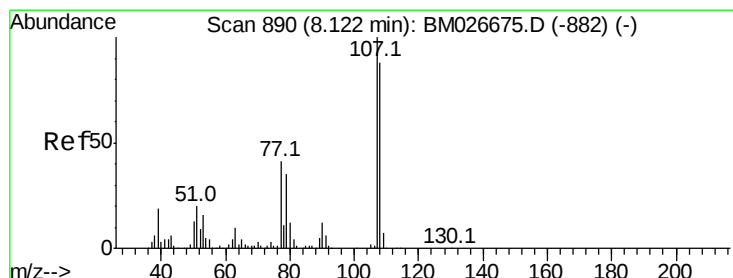
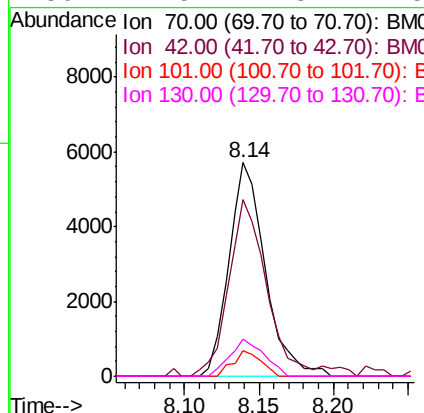
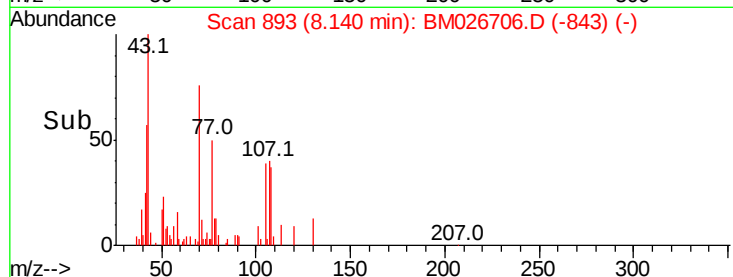
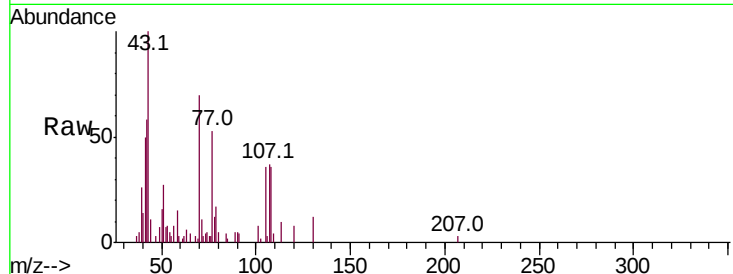
#19
n-Nitroso-di-n-propylamine
Concen: 2.720 ng
RT: 8.14 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	70	Resp:	9729
Ion	Ratio	Lower	Upper
70	100		
42	82.6	62.3	93.5
101	12.0	7.1	10.7#
130	17.5	14.3	21.5

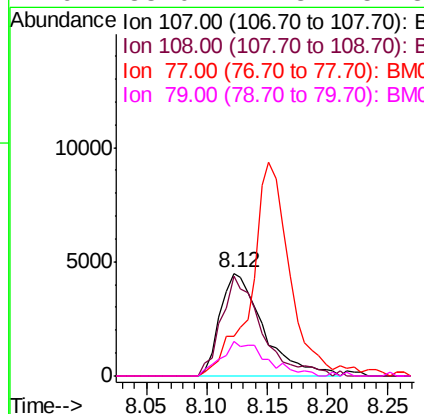
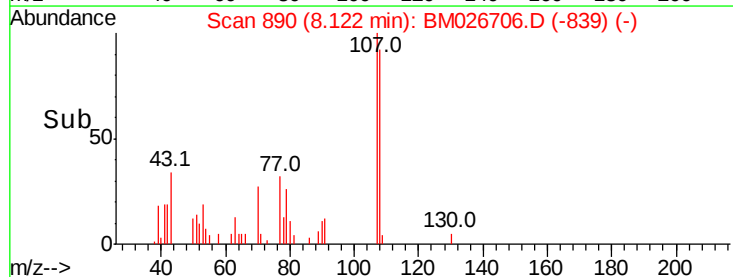
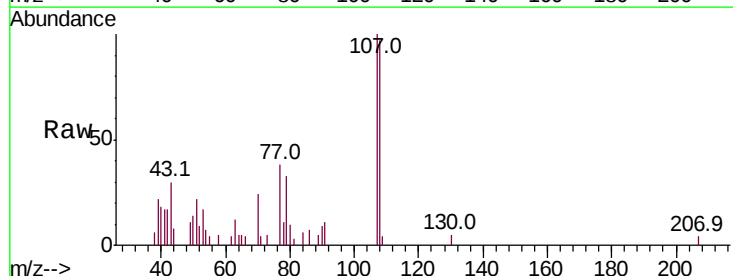
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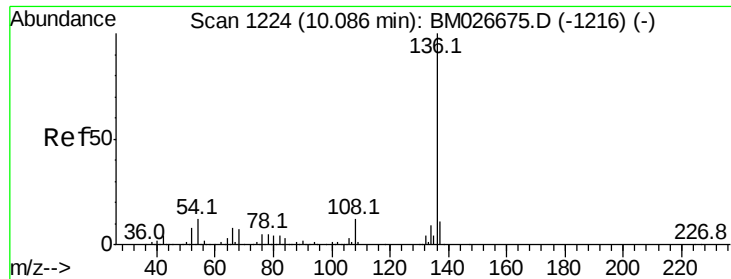
mohammad
7/9/2020 11:00:06 AM



#20
3+4-Methylphenols
Concen: 2.516 ng
RT: 8.12 min Scan# 890
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	107	Resp:	11170
Ion	Ratio	Lower	Upper
107	100		
108	96.9	68.5	108.5
77	38.3	20.8	60.8
79	33.0	14.8	54.8





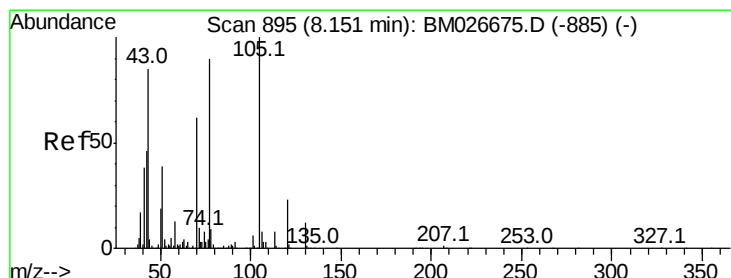
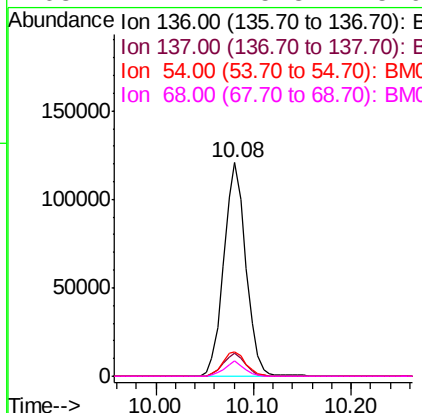
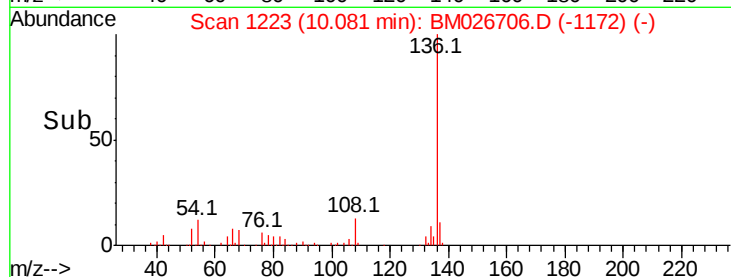
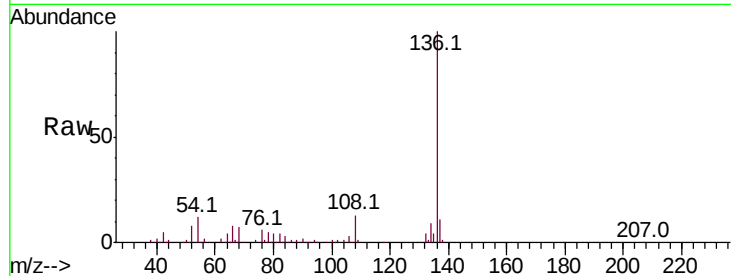
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	189387		
137	11.1	8.6	12.8	
54	11.5	9.8	14.6	
68	7.1	5.8	8.6	

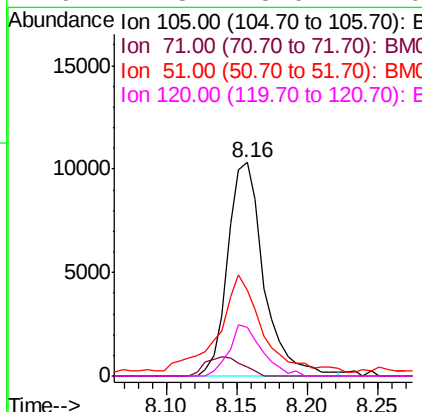
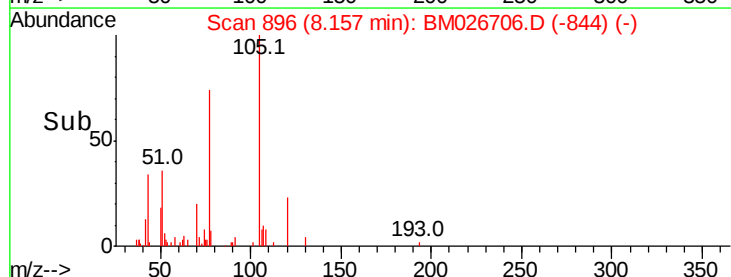
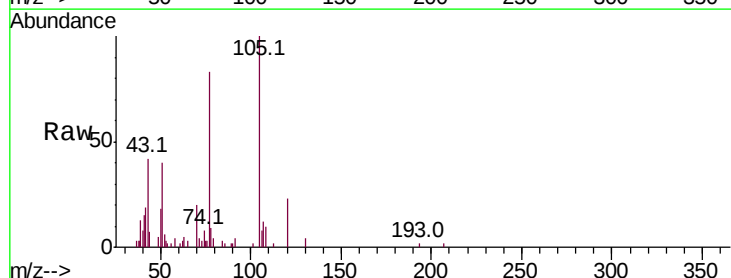
Manual Integrations
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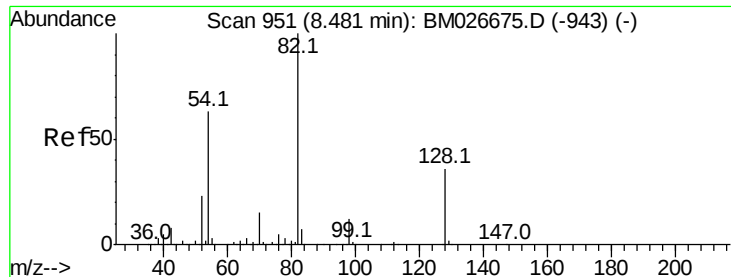
mohammad
7/9/2020 11:00:06 AM



#22
Acetophenone
Concen: 3.416 ng
RT: 8.16 min Scan# 896
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	18387		
71	4.1	8.1	12.1#	
51	40.4	31.9	47.9	
120	22.8	18.0	27.0	





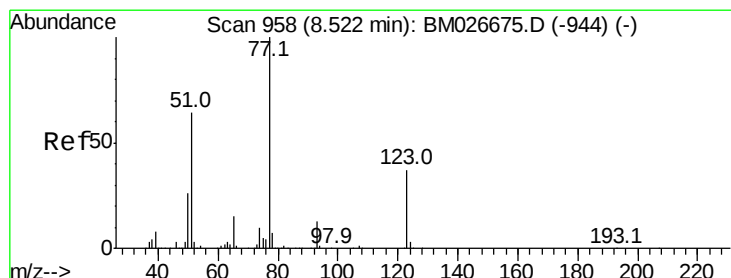
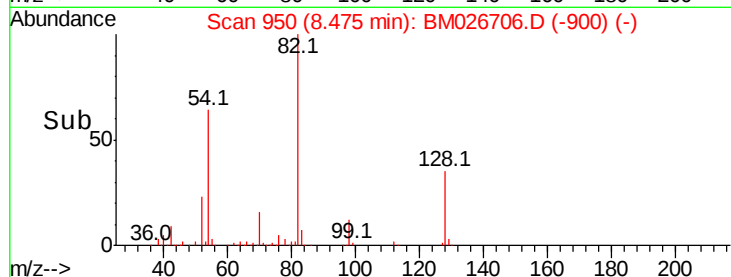
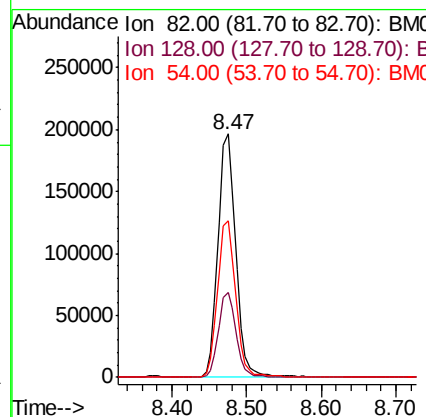
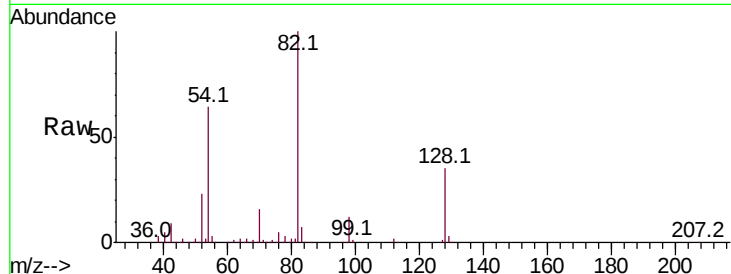
#23
 Nitrobenzene-d5
 Concen: 73.730 ng
 RT: 8.47 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.1	43.7
54	64.1	50.2	75.4

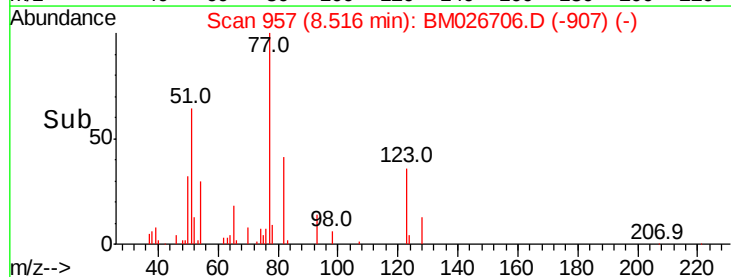
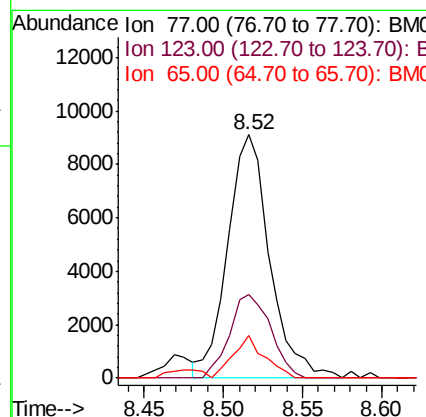
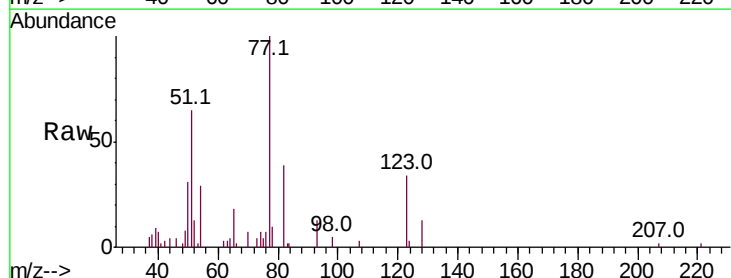
Manual Integrations
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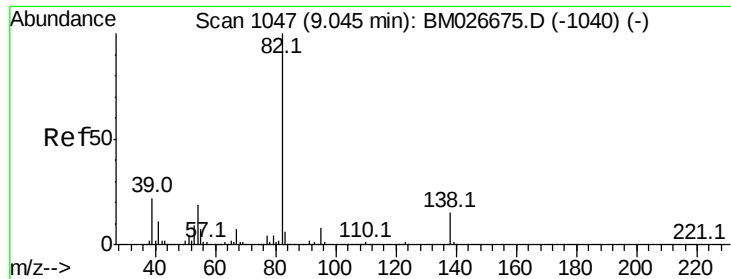
mohammad
 7/9/2020 11:00:06 AM



#24
 Nitrobenzene
 Concen: 3.587 ng
 RT: 8.52 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.2	29.8	44.6
65	17.7	12.2	18.4





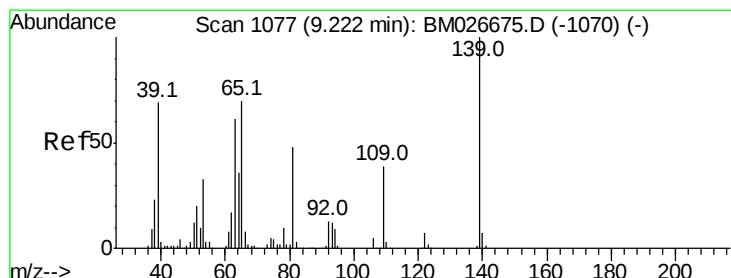
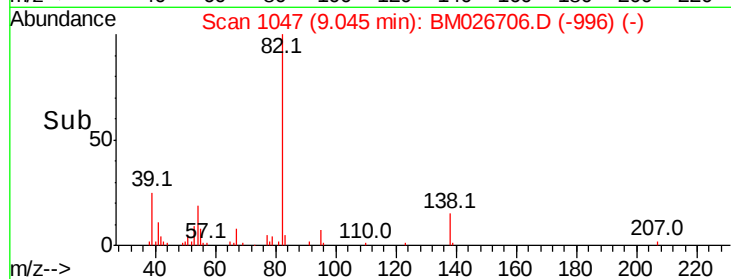
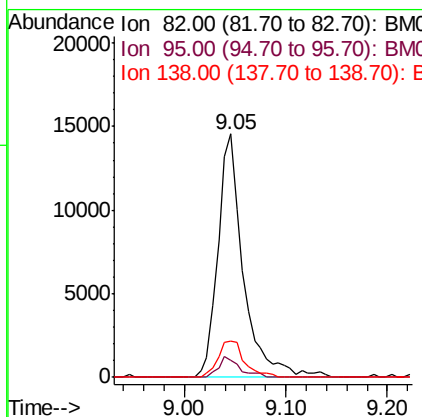
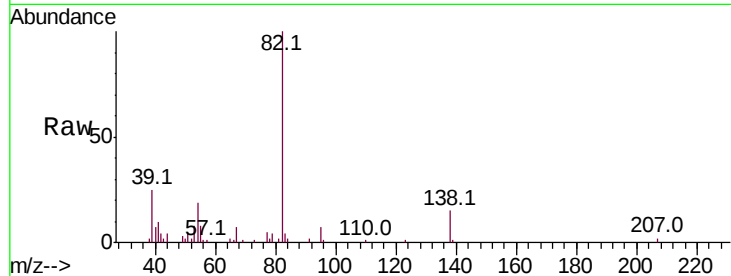
#25
Isophorone
Concen: 2.970 ng
RT: 9.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.3	9.5
138	15.1	12.0	18.0

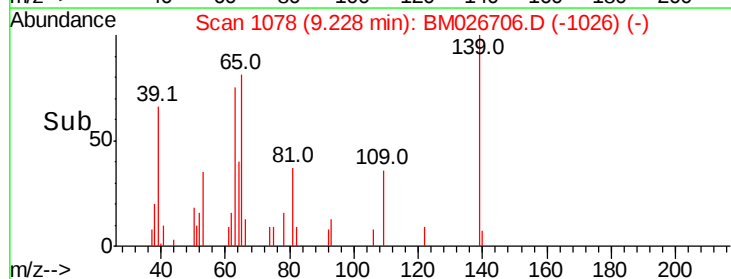
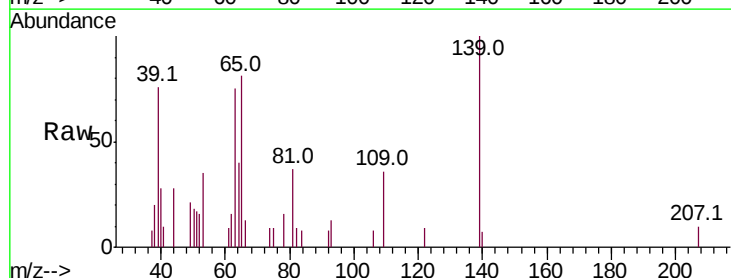
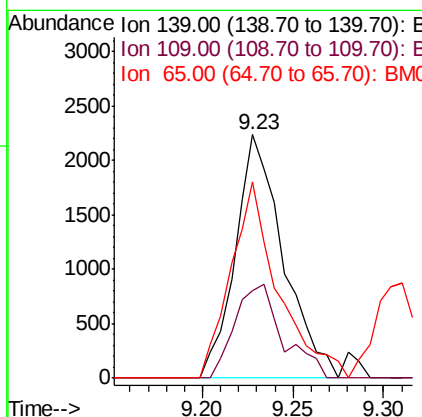
Manual Integrations
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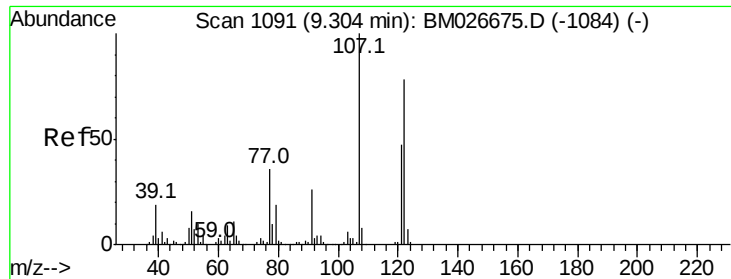
mohammad
7/9/2020 11:00:06 AM



#26
2-Nitrophenol
Concen: 2.386 ng
RT: 9.23 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	36.1	30.8	46.2
65	80.8	56.2	84.4





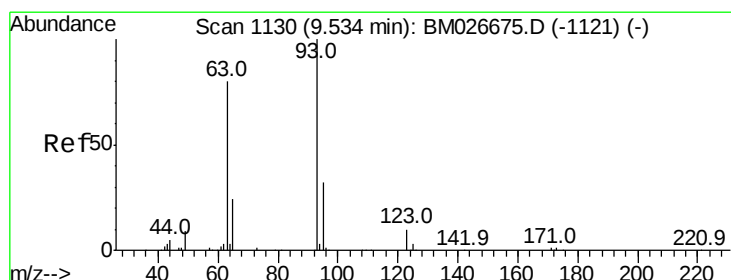
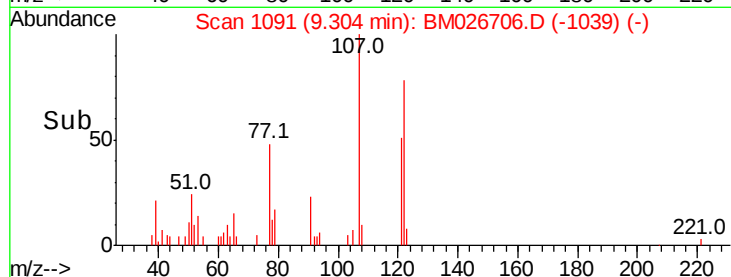
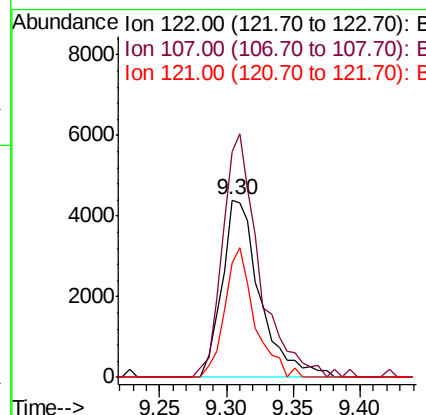
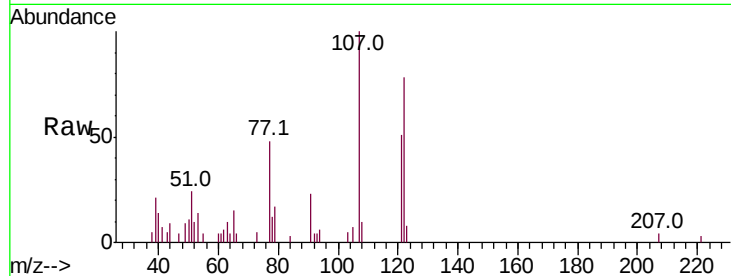
#27
2,4-Dimethylphenol
Concen: 3.126 ng
RT: 9.30 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.6	102.1	153.1
121	64.5	48.2	72.2

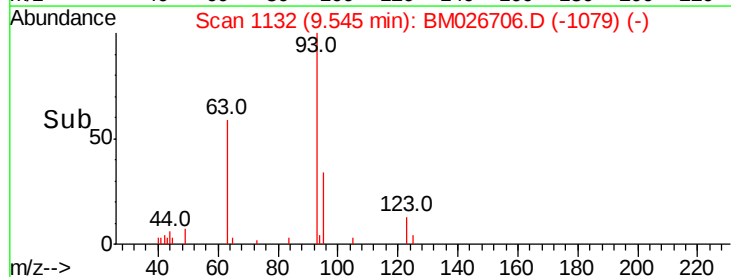
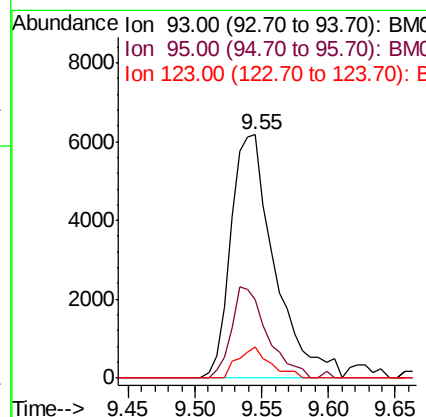
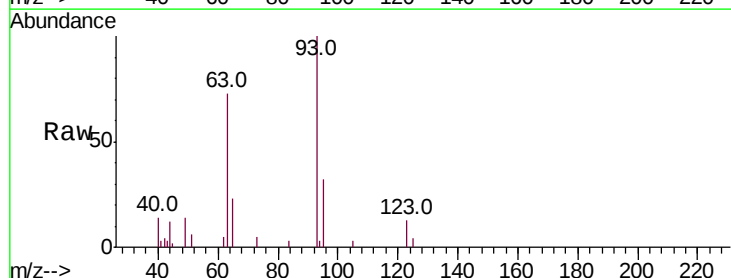
Manual Integrations
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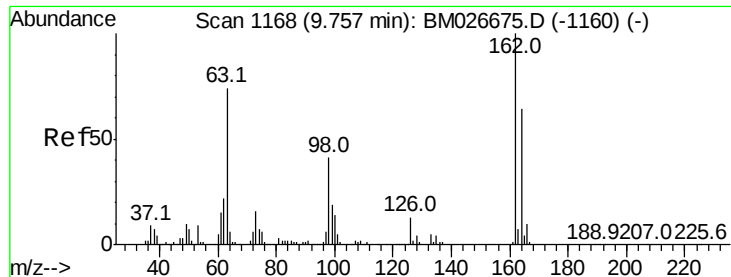
mohammad
7/9/2020 11:00:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 2.997 ng
RT: 9.55 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	12.6	8.7	13.1





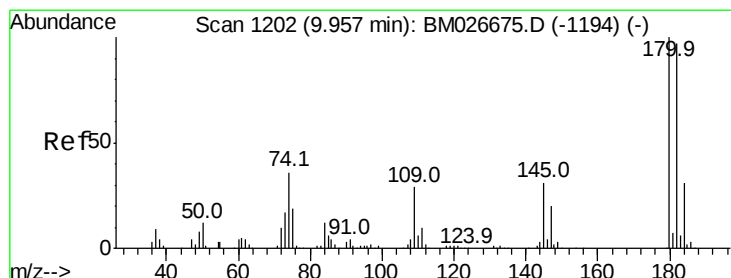
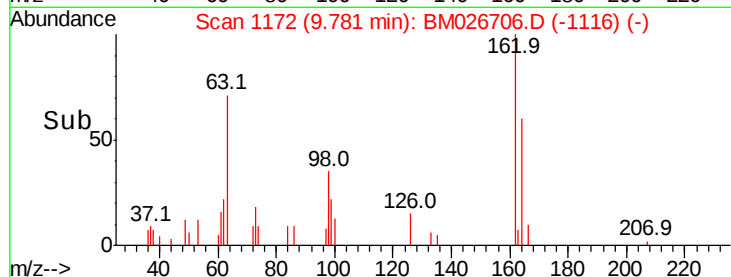
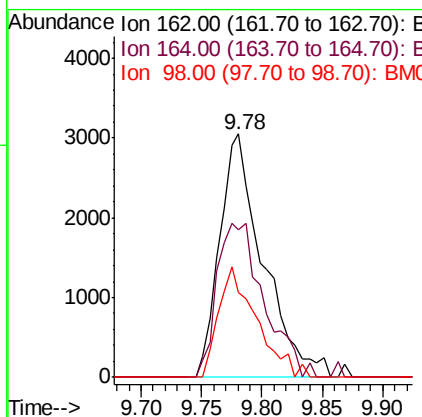
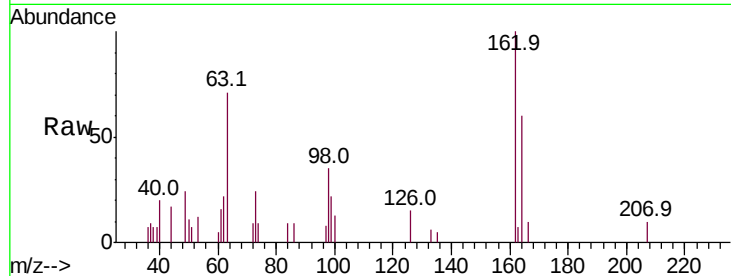
#29
 2,4-Dichlorophenol
 Concen: 2.462 ng
 RT: 9.78 min Scan# 1172
 Delta R.T. 0.03 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:	162	Resp:	7599
Ion Ratio	Lower	Upper	
162	100		
164	60.4	44.3	84.3
98	35.1	21.0	61.0

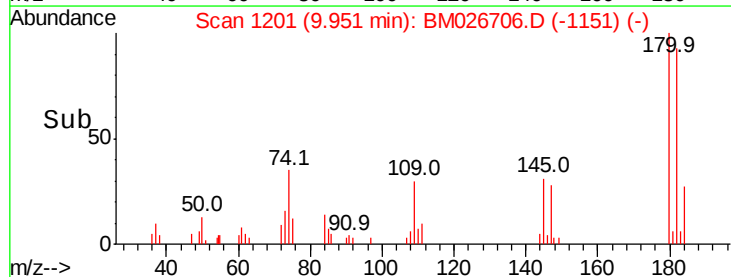
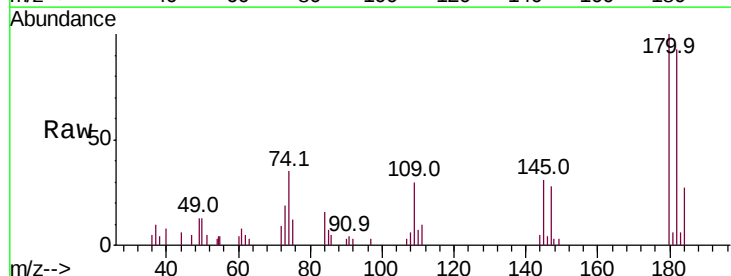
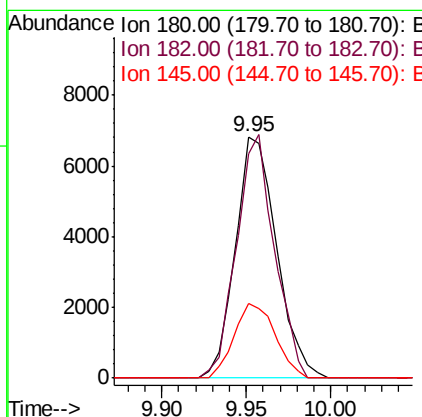
Manual Integrations
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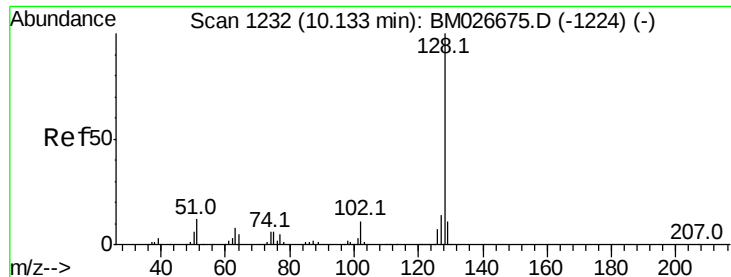
mohammad
 7/9/2020 11:00:06 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 3.373 ng
 RT: 9.95 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion:	180	Resp:	11616
Ion Ratio	Lower	Upper	
180	100		
182	93.0	77.8	116.6
145	30.8	25.0	37.6





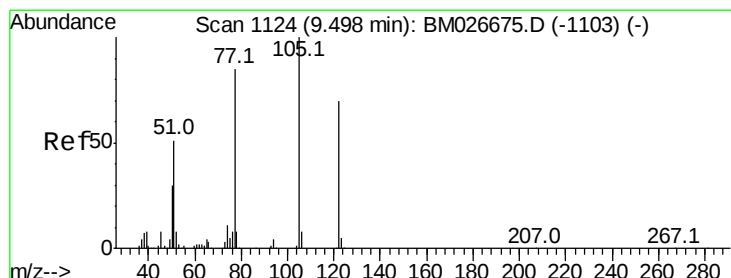
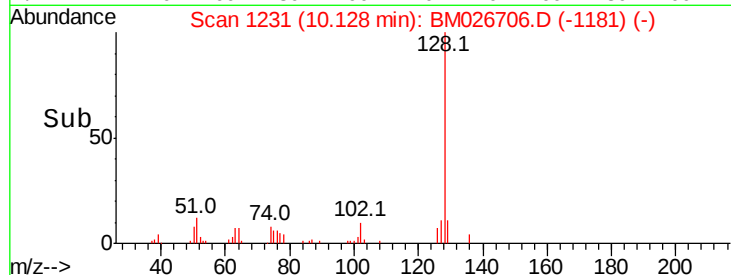
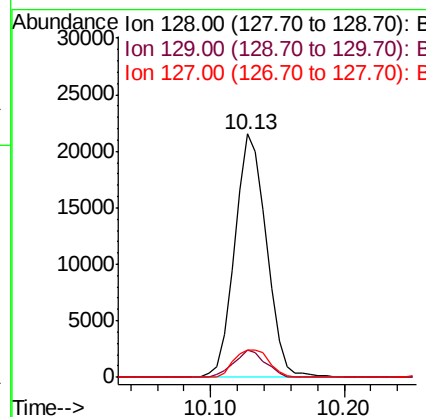
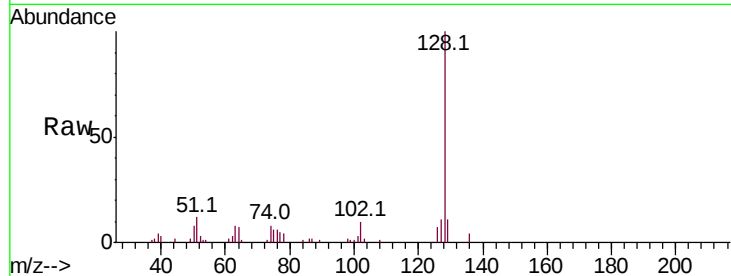
#31
Naphthalene
Concen: 3.378 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	11.0	10.8	16.2	

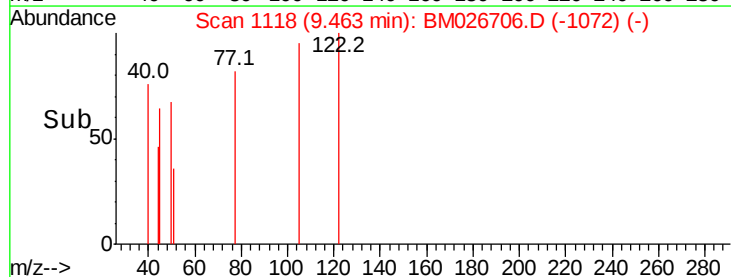
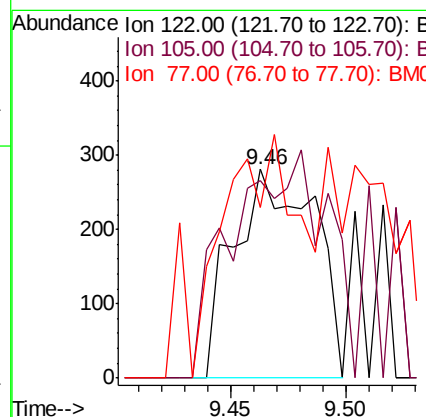
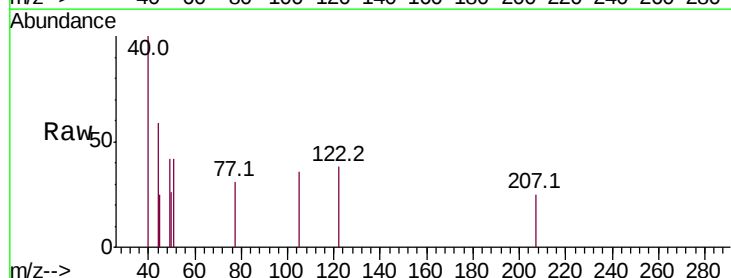
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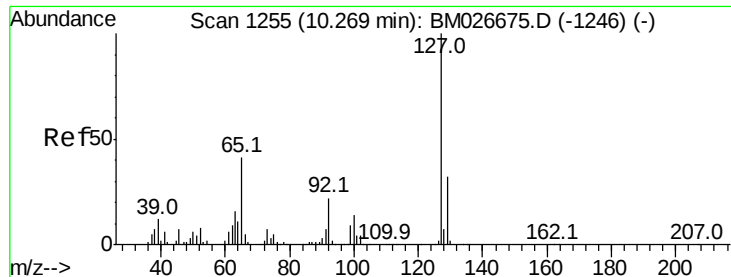
mohammad
7/9/2020 11:00:06 AM



#32
Benzoic acid
Concen: 0.320 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	94.7	120.9	160.9#	
77	81.9	100.0	140.0#	





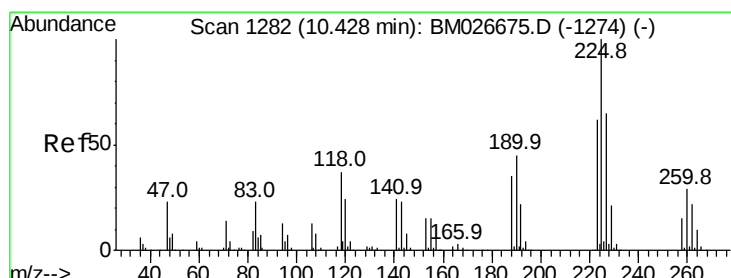
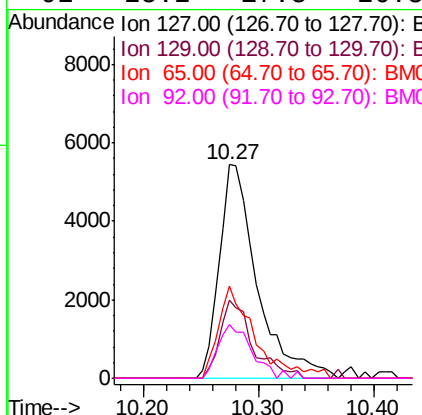
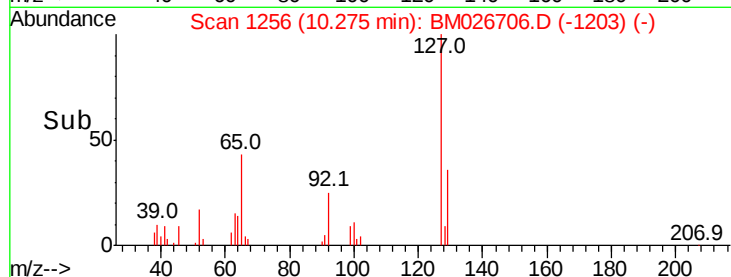
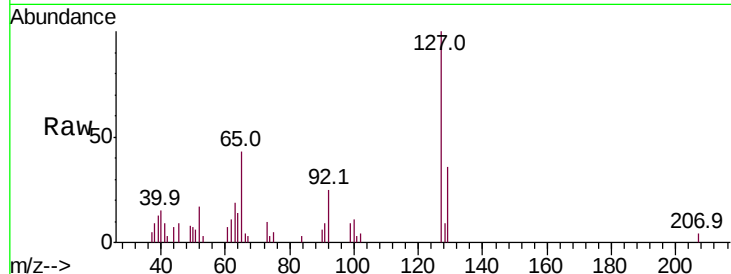
#33
4-Chloroaniline
Concen: 2.699 ng
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.4	25.8	38.6
65	43.3	32.5	48.7
92	25.2	17.8	26.8

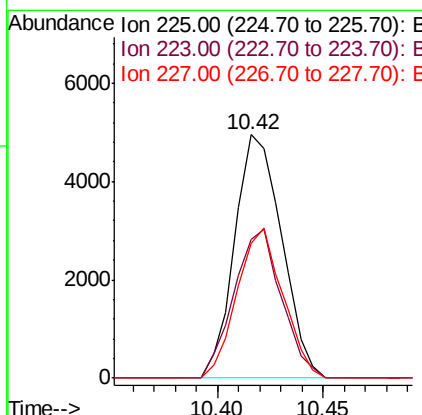
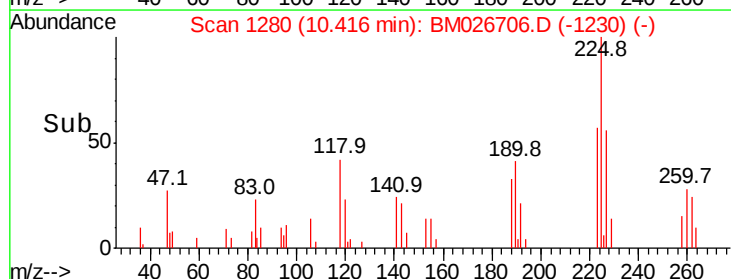
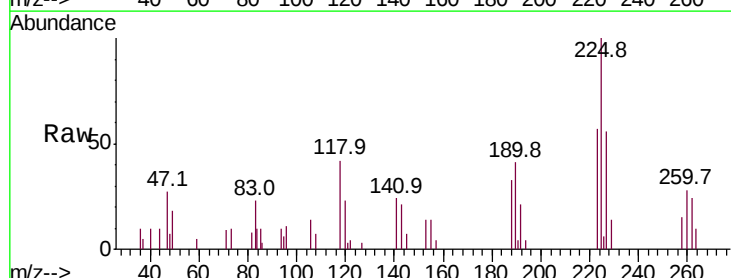
Manual Integrations
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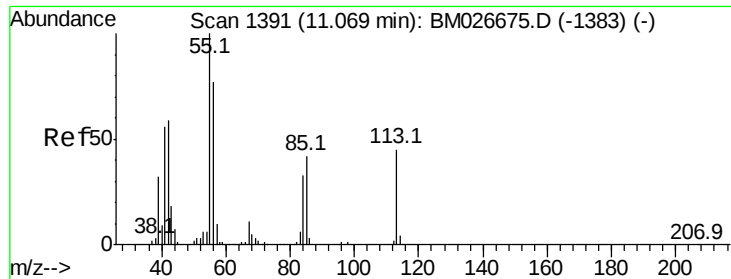
mohammad
7/9/2020 11:00:06 AM



#34
Hexachlorobutadiene
Concen: 3.357 ng
RT: 10.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.7	49.8	74.8
227	55.5	52.3	78.5





#35

Caprolactam

Concen: 1.942 ng

RT: 11.06 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:113 Resp: 2123

Ion Ratio Lower Upper

113 100

55 253.2 203.5 243.5#

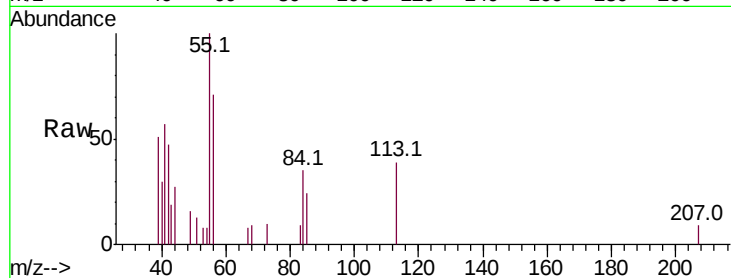
56 180.1 151.6 191.6

Manual Integrations

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mohammad

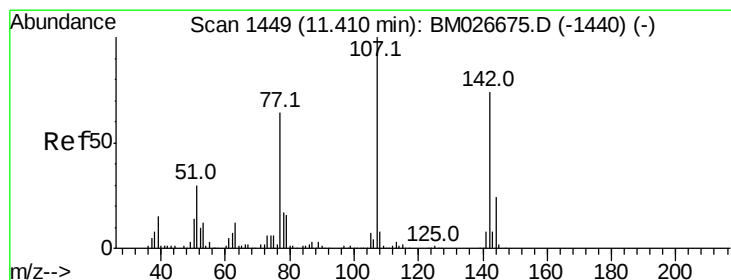
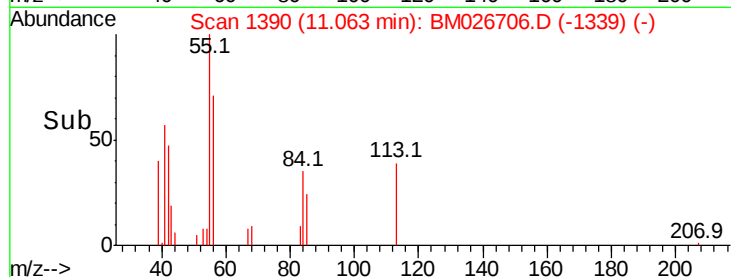
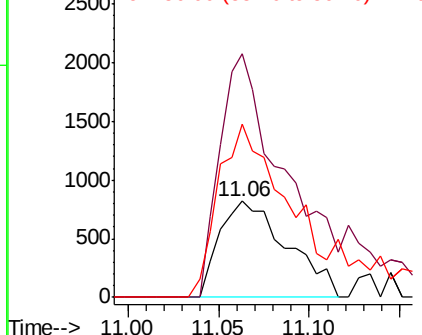
7/9/2020 11:00:06 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 2.727 ng

RT: 11.42 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

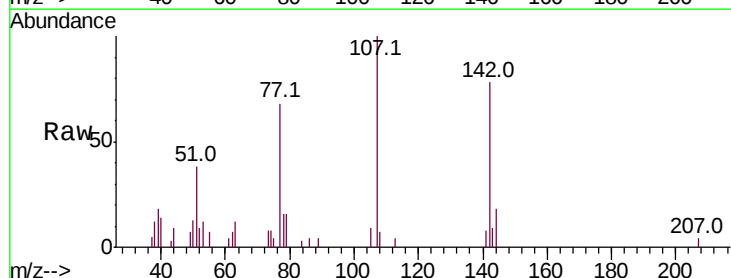
Tgt Ion:107 Resp: 10640

Ion Ratio Lower Upper

107 100

144 17.7 18.9 28.3#

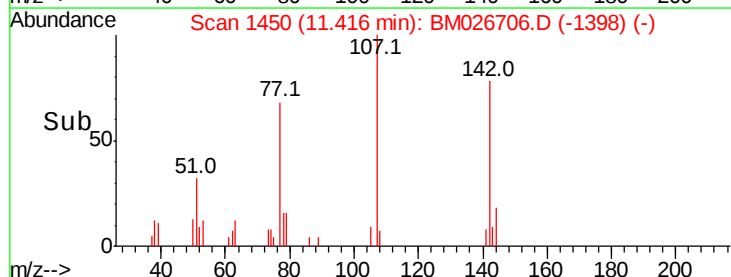
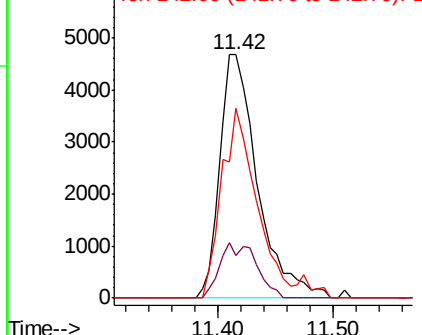
142 77.7 59.0 88.4

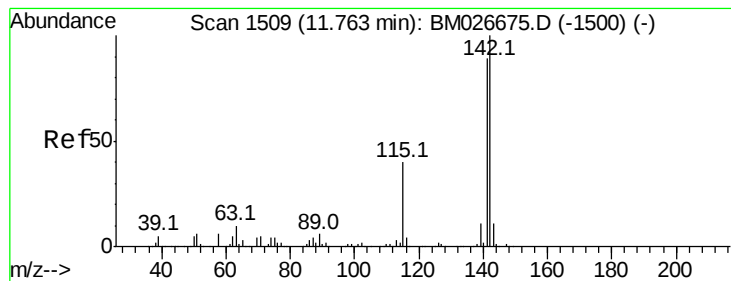


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





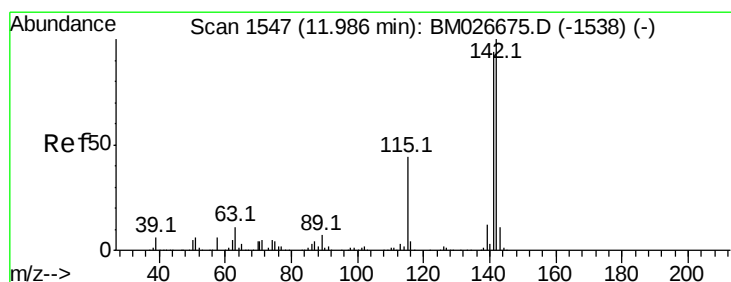
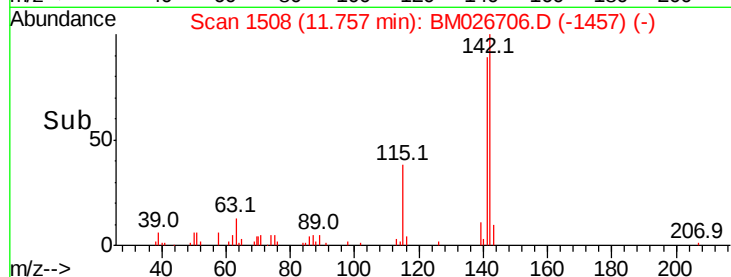
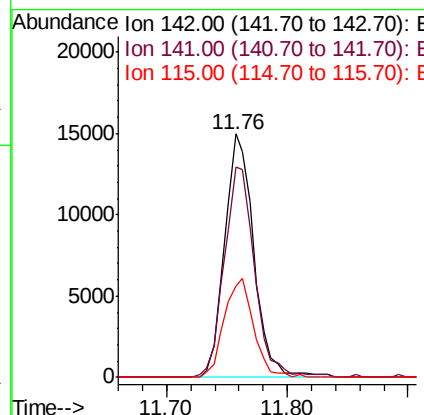
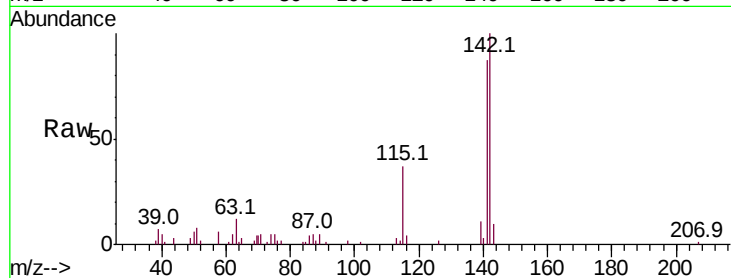
#37
2-Methylnaphthalene
Concen: 3.198 ng
RT: 11.76 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.4	107.0
115	37.4	32.1	48.1

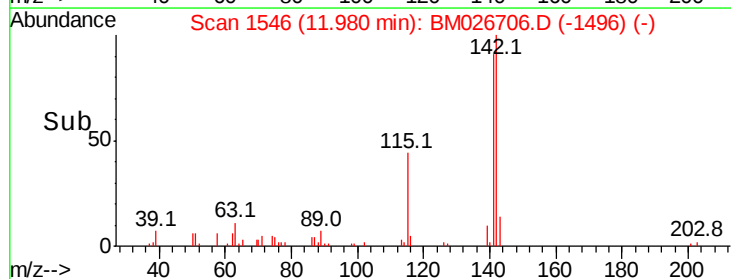
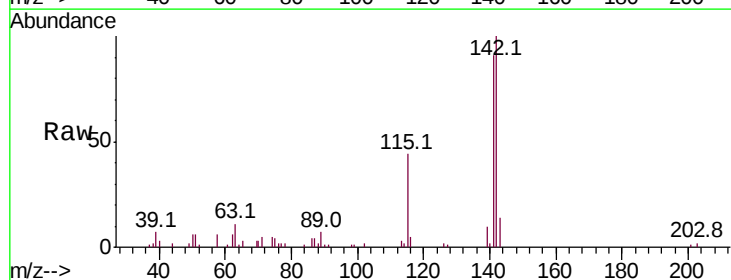
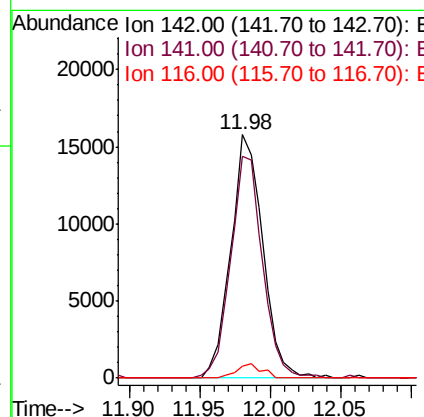
Manual Integrations
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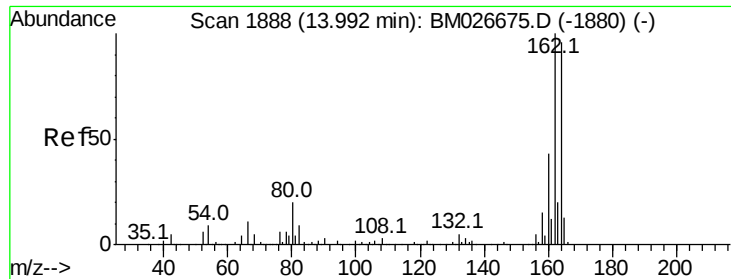
mohammad
7/9/2020 11:00:06 AM



#38
1-Methylnaphthalene
Concen: 3.331 ng
RT: 11.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.0	112.6
116	4.9	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:164 Resp: 124659

Ion Ratio Lower Upper

164 100

162 106.7 83.7 125.5

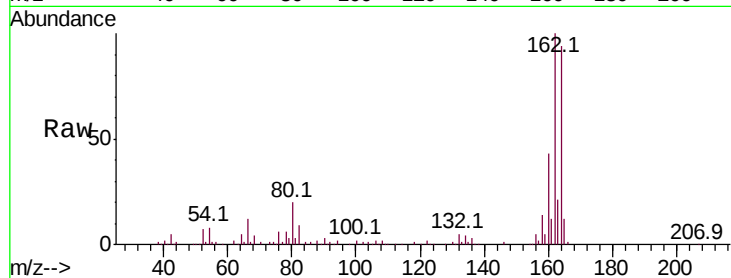
160 46.3 36.2 54.2

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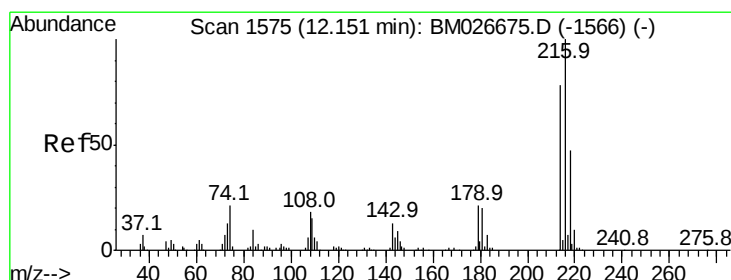
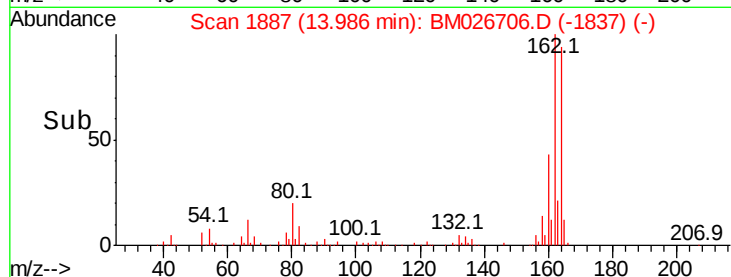
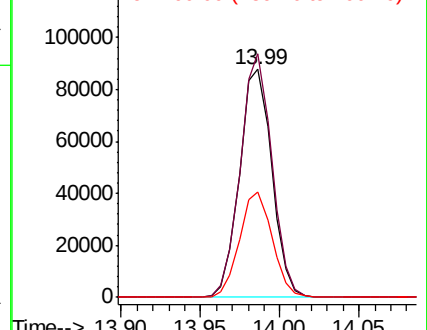


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.454 ng

RT: 12.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:216 Resp: 13918

Ion Ratio Lower Upper

216 100

214 76.5 62.6 93.8

179 21.4 17.5 26.3

108 18.1 16.7 25.1

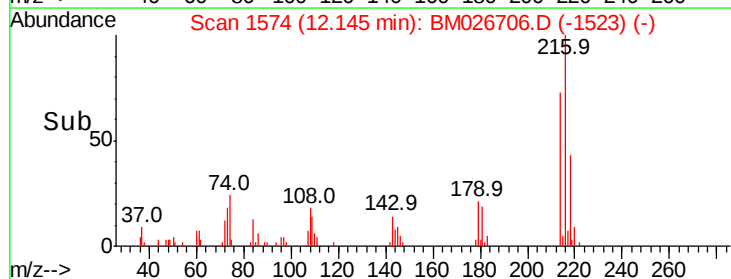
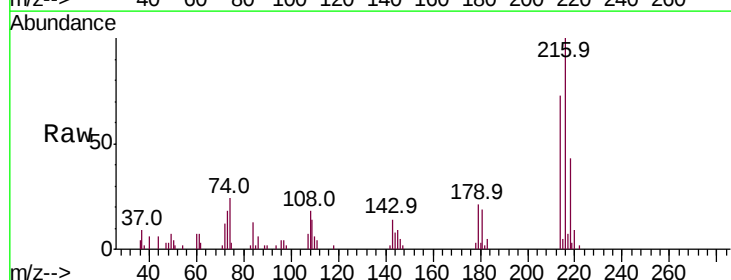
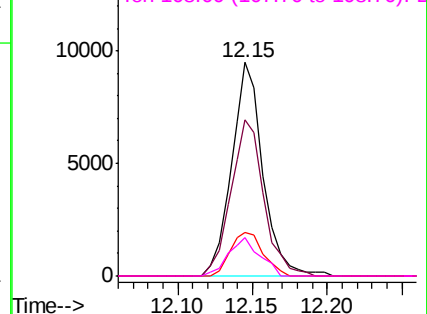
Abundance

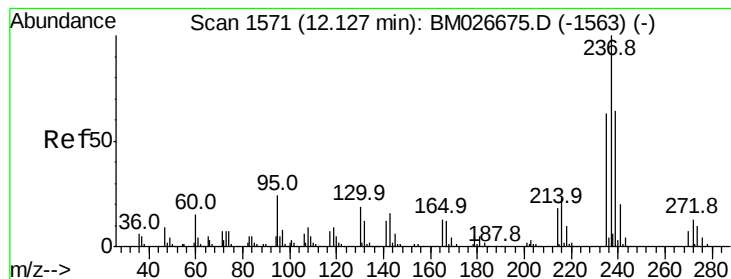
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1.327 ng

RT: 12.12 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

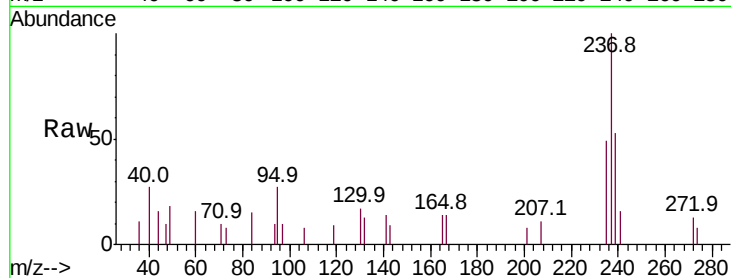
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

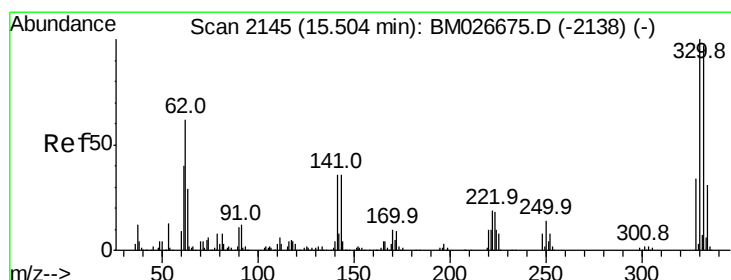
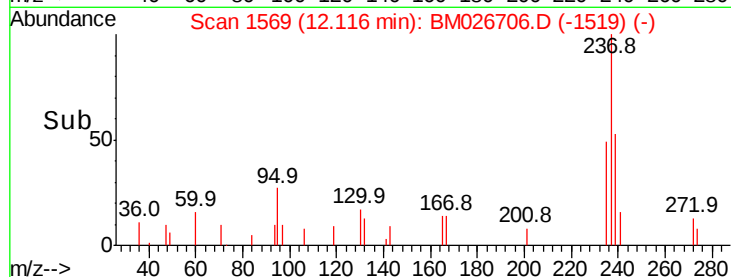
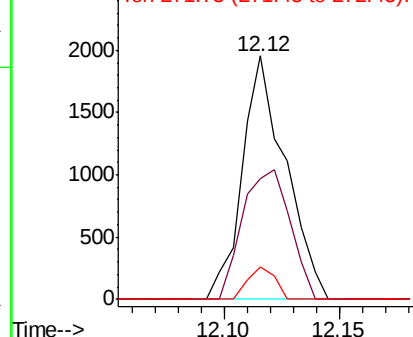
Tot Ion:	237	Resp:	2552
Ion Ratio	Lower	Upper	
237	100		
235	49.5	42.8	82.8
272	13.5	0.0	32.8

Manual Integrations
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mohammad
7/9/2020 11:00:06 AM



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: 154.462 ng

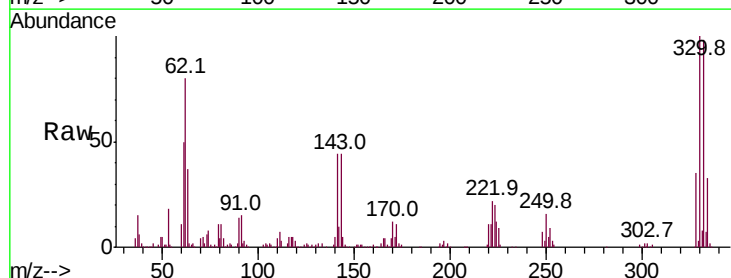
RT: 15.49 min Scan# 2143

Delta R.T. -0.01 min

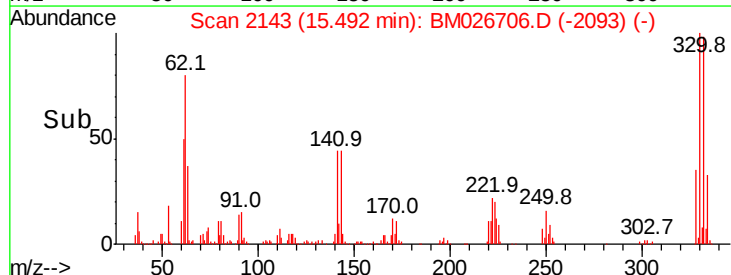
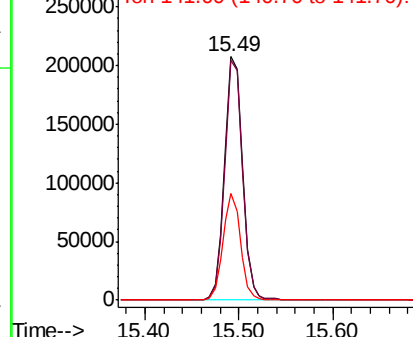
Lab File: BM026706.D

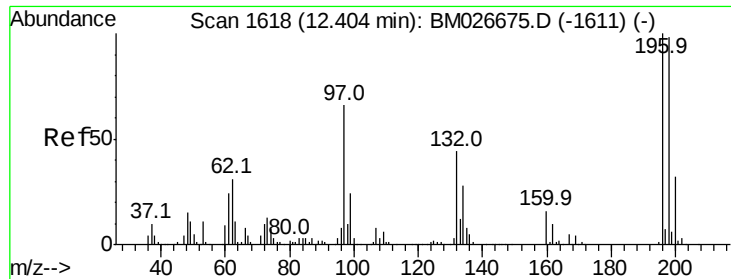
Acq: 08 Jul 2020 15:59

Tgt Ion:	330	Resp:	280488
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.5	116.3
141	42.5	32.4	48.6



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





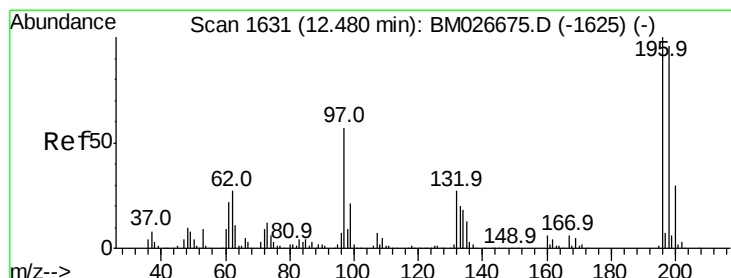
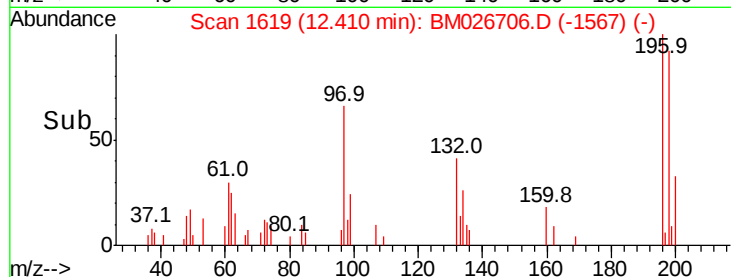
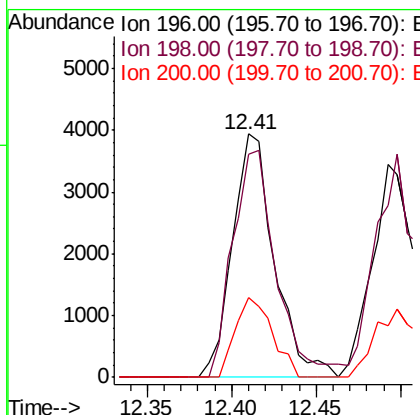
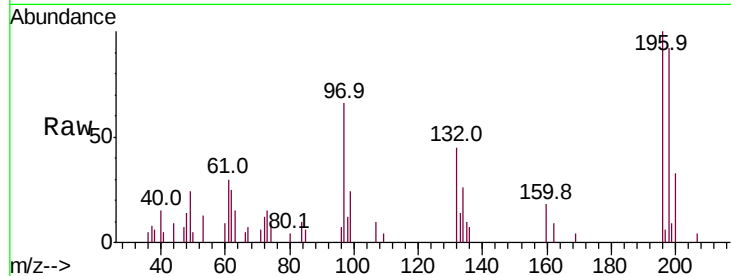
#43
 2,4,6-Trichlorophenol
 Concen: 2.580 ng
 RT: 12.41 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	6812		
198	91.9		78.6	118.0
200	33.0		25.3	37.9

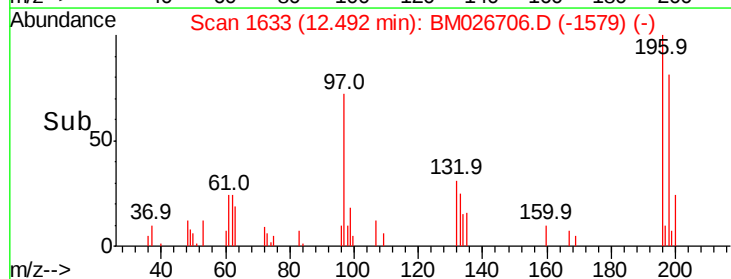
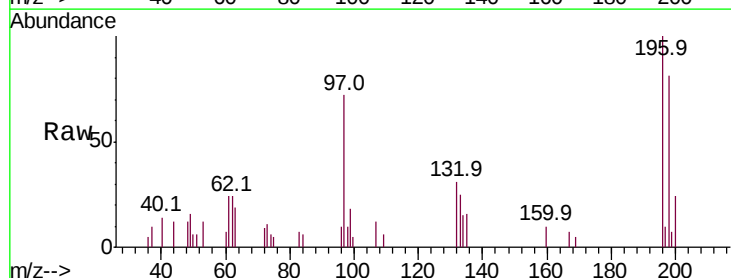
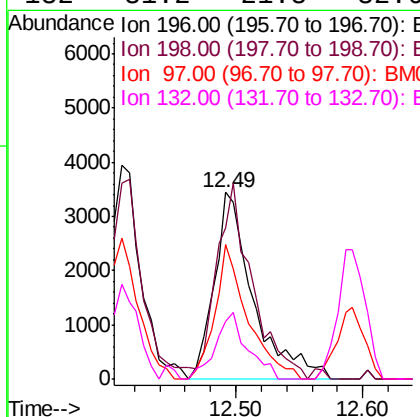
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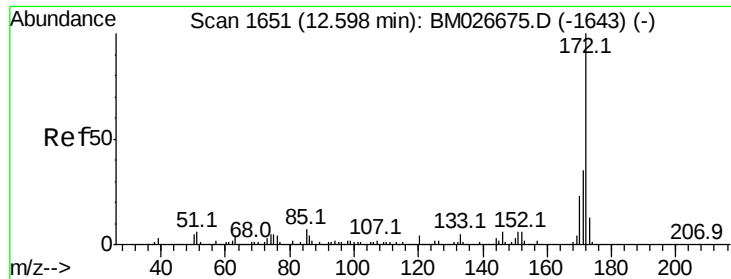
mohammad
 7/9/2020 11:00:06 AM



#44
 2,4,5-Trichlorophenol
 Concen: 2.376 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. 0.02 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	7372		
198	81.1		77.0	115.6
97	71.8		45.7	68.5#
132	31.2		21.8	32.6





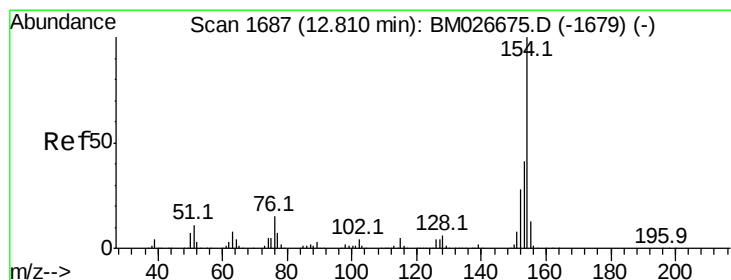
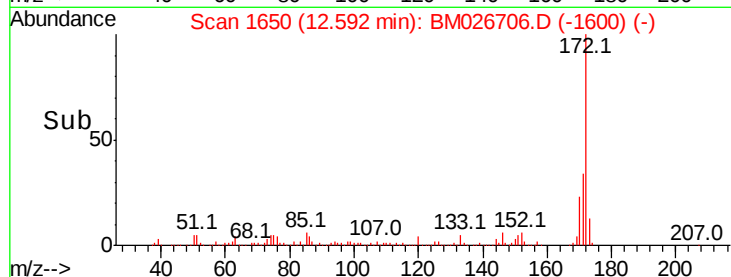
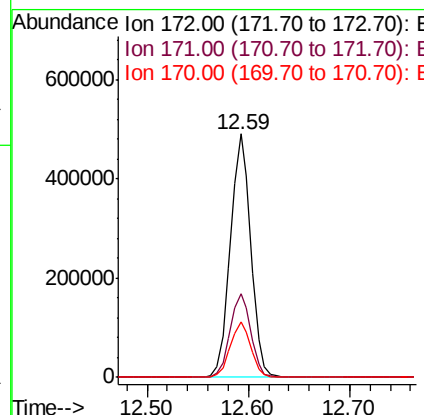
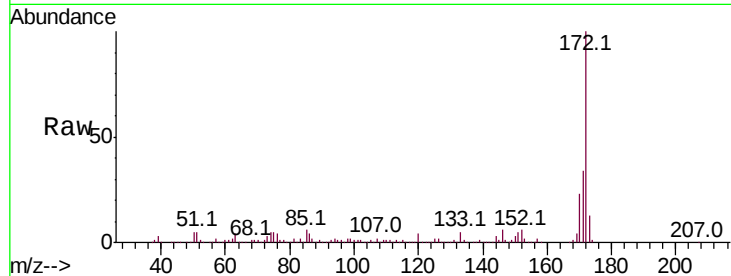
#45
2-Fluorobiphenyl
Concen: 72.948 ng
RT: 12.59 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
172	100	683921		
171	34.2		27.8	41.6
170	22.8		18.5	27.7

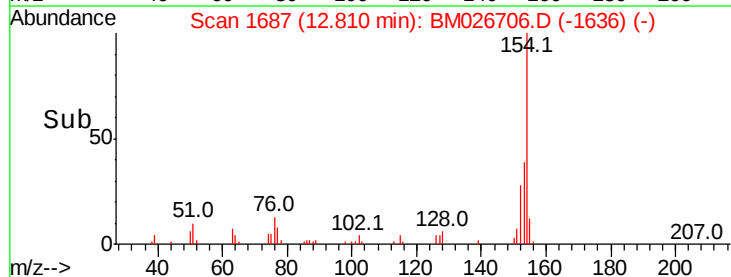
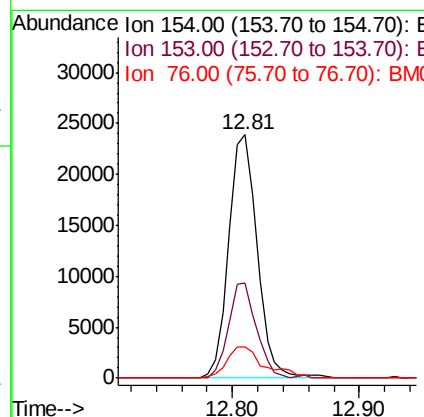
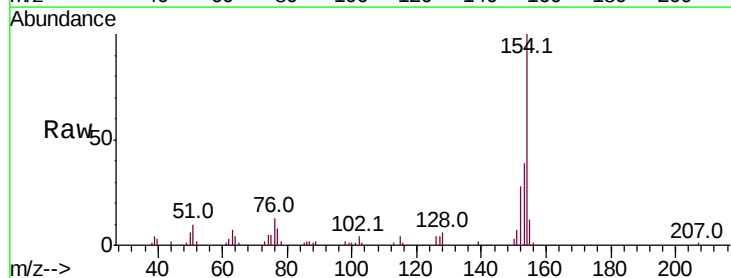
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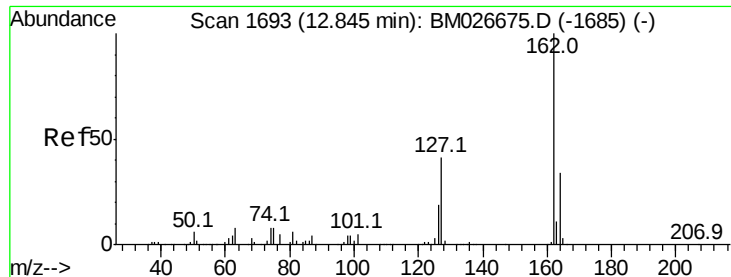
mohammad
7/9/2020 11:00:06 AM



#46
1,1'-Biphenyl
Concen: 3.769 ng
RT: 12.81 min Scan# 1687
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	37110		
153	38.9		20.9	60.9
76	13.0		0.0	35.2





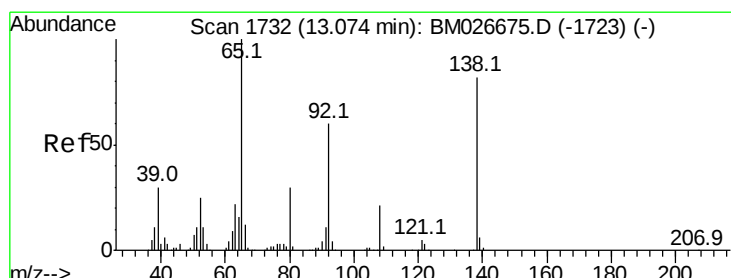
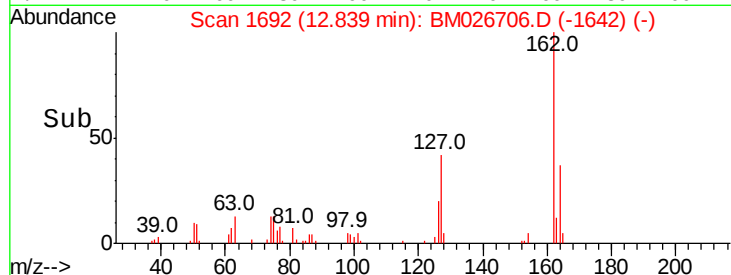
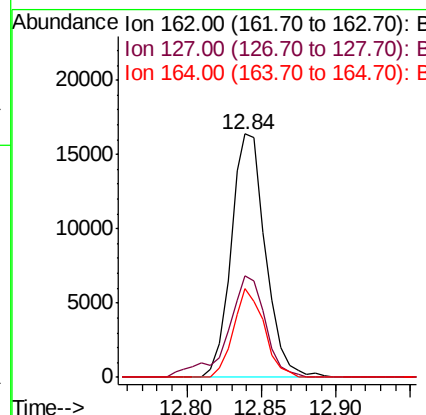
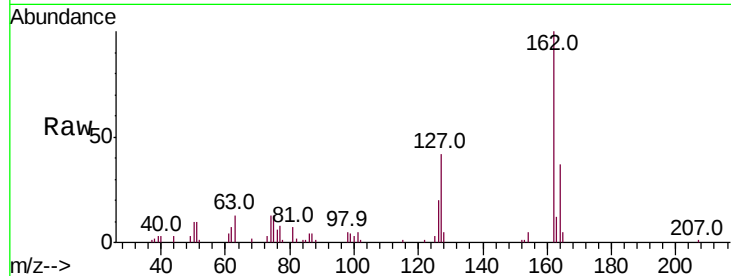
#47
2-Chloronaphthalene
Concen: 3.313 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	26350		
127	41.5		34.0	51.0
164	36.6		26.9	40.3

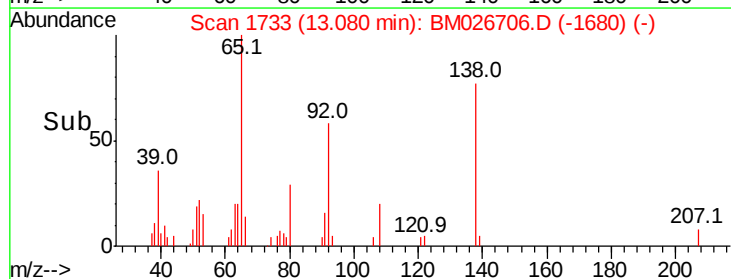
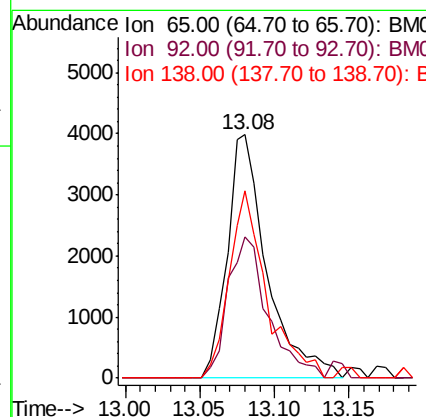
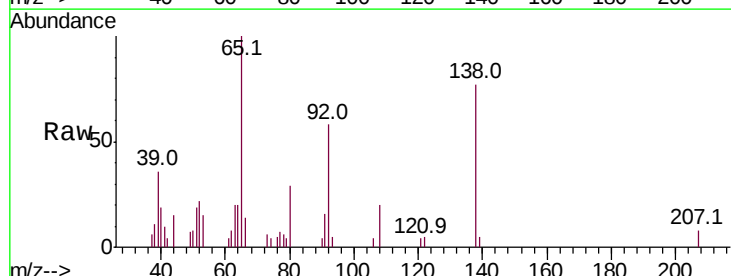
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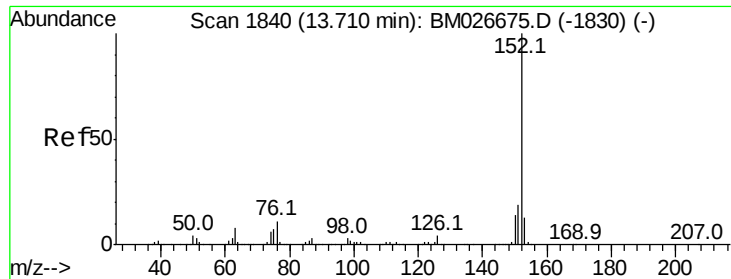
mohammad
7/9/2020 11:00:06 AM



#48
2-Nitroaniline
Concen: 2.272 ng
RT: 13.08 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	7437		
92	58.0		47.8	71.8
138	76.7		65.6	98.4





#49

Acenaphthylene

Concen: 3.037 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

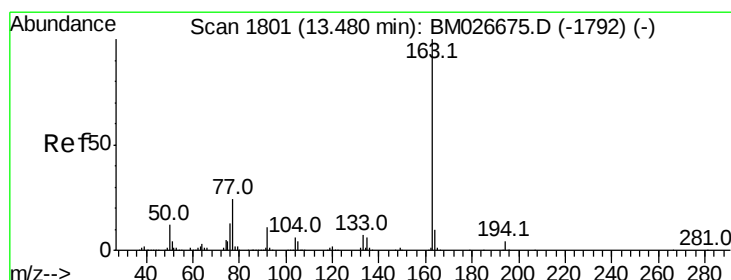
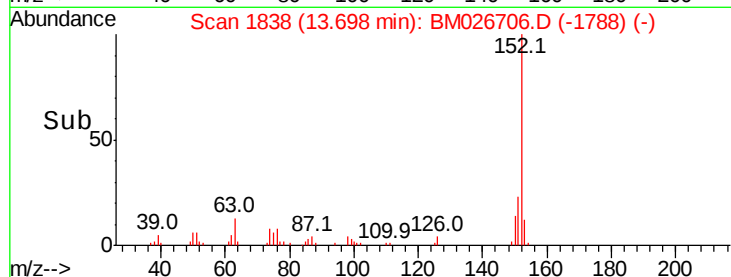
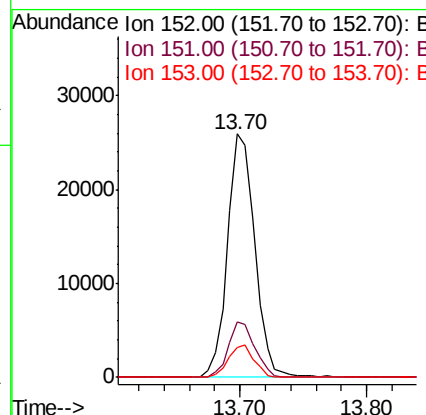
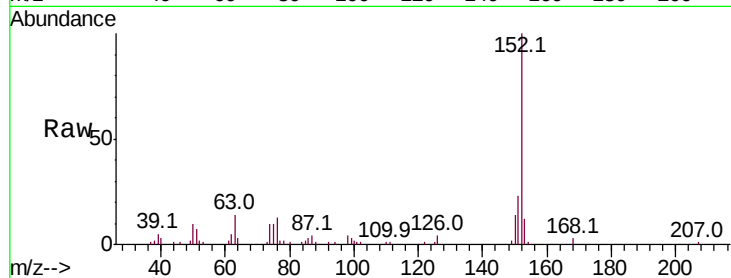
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	152	Resp:	38617
Ion Ratio	Lower	Upper	
152	100		
151	22.7	15.6	23.4
153	12.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 3.341 ng

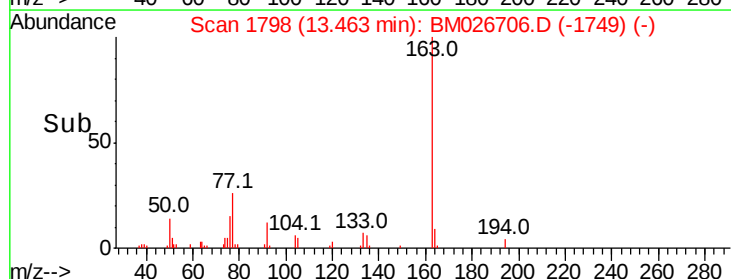
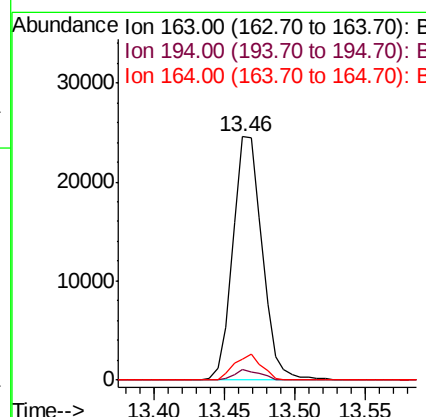
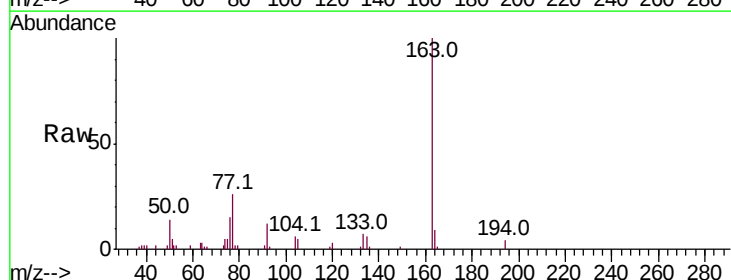
RT: 13.46 min Scan# 1798

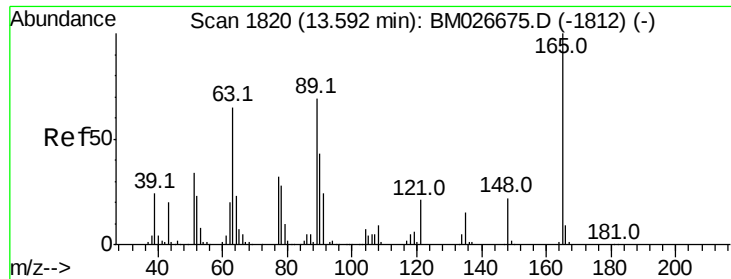
Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	163	Resp:	35626
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	8.6	7.8	11.6





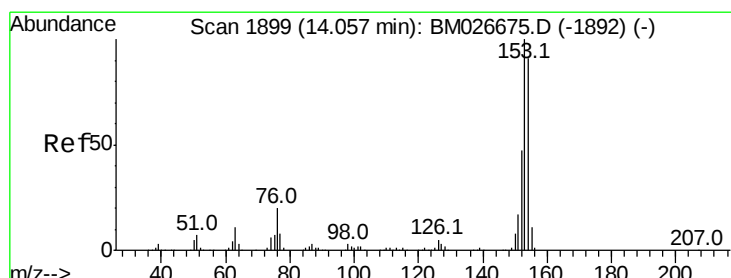
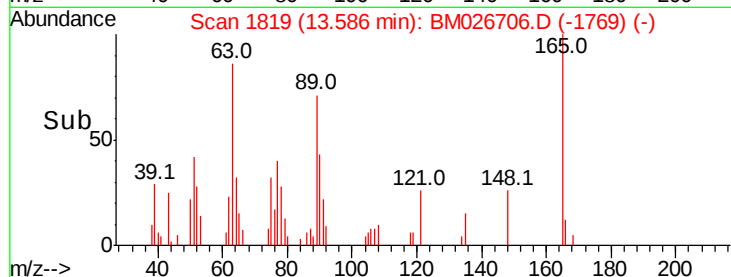
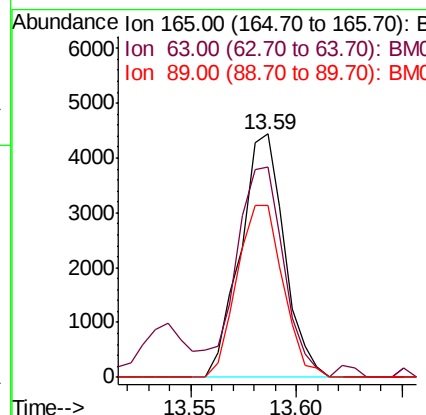
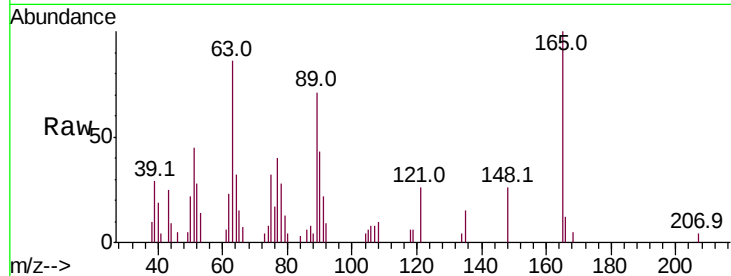
#51
2,6-Dinitrotoluene
Concen: 2.812 ng
RT: 13.59 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	6420		
63	86.3		61.1	91.7
89	70.9		54.9	82.3

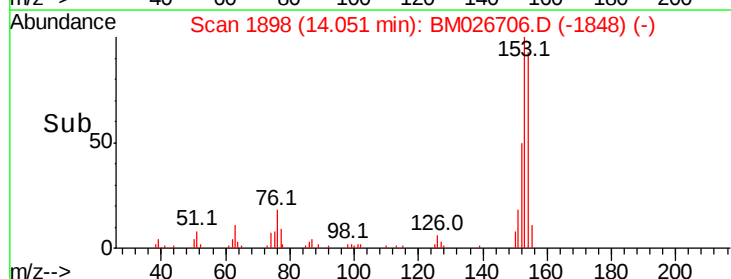
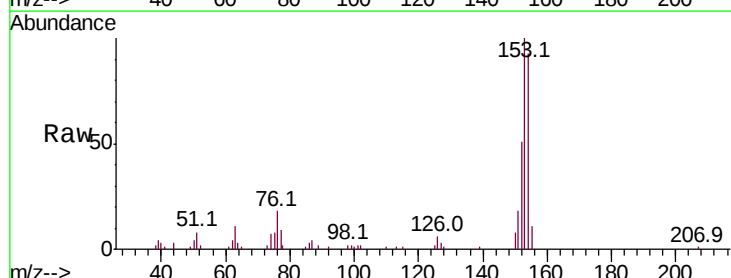
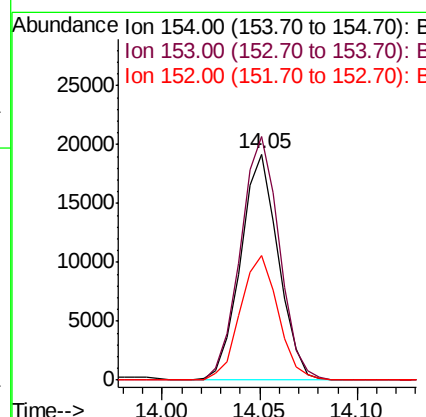
Manual Integrations
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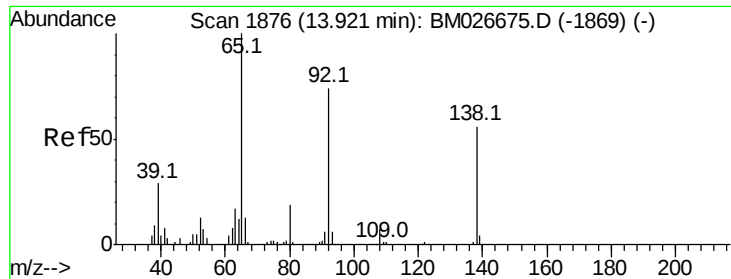
mohammad
7/9/2020 11:00:06 AM



#52
Acenaphthene
Concen: 3.335 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	25776		
153	107.8		88.3	132.5
152	54.9		41.1	61.7





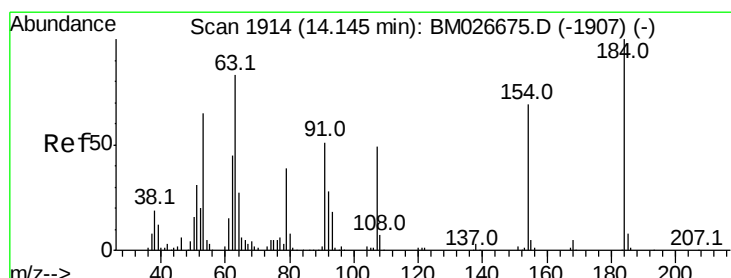
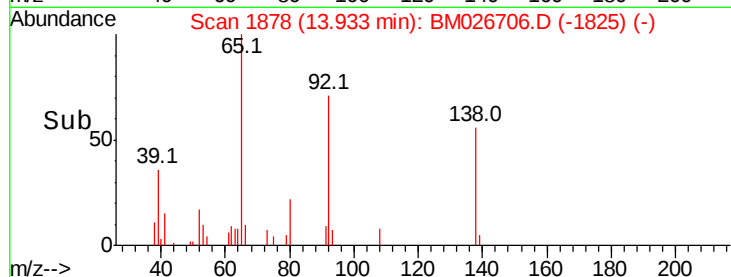
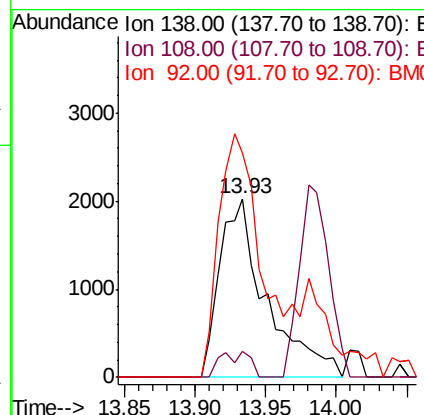
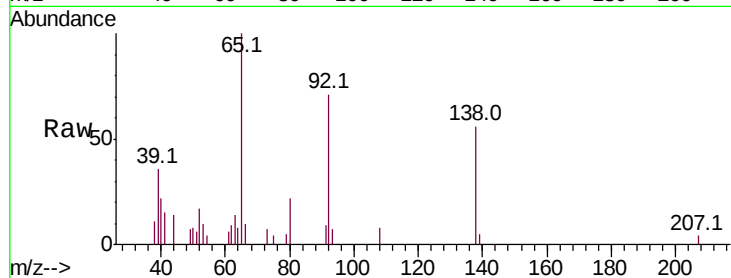
#53
3-Nitroaniline
Concen: 1.965 ng
RT: 13.93 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:138 Resp: 4668
Ion Ratio Lower Upper
138 100
108 14.5 9.7 14.5
92 125.6 105.6 158.4

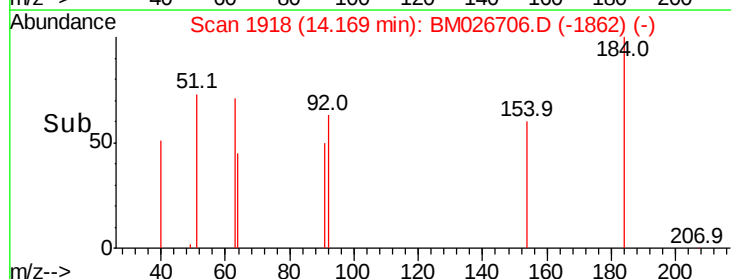
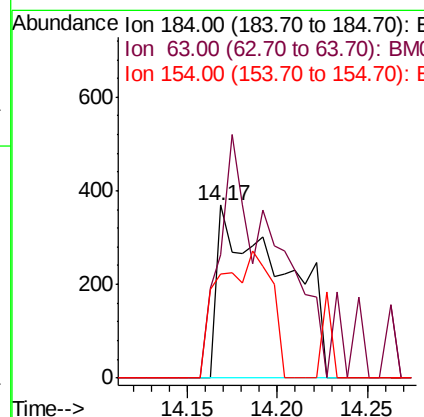
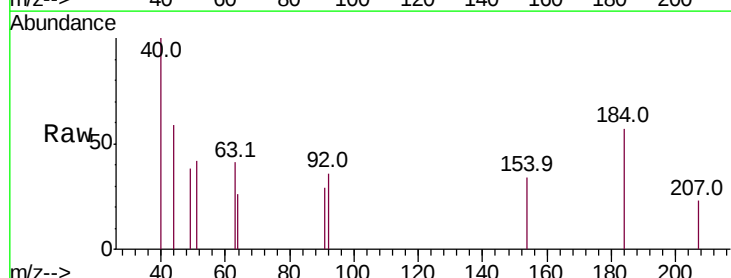
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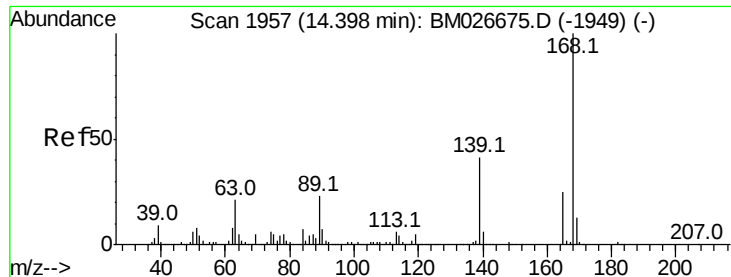
mohammad
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#54
2,4-Dinitrophenol
Concen: 0.687 ng m
RT: 14.17 min Scan# 1918
Delta R.T. 0.03 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion:184 Resp: 918
Ion Ratio Lower Upper
184 100
63 71.3 66.2 99.4
154 60.2 55.2 82.8





#55

Dibenzofuran

Concen: 3.292 ng

RT: 14.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

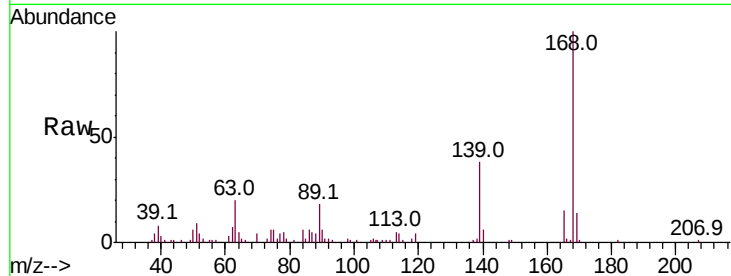
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	168	Resp:	41713
Ion Ratio	Lower	Upper	
168	100		
139	38.2	32.6	48.8
169	13.5	10.5	15.7

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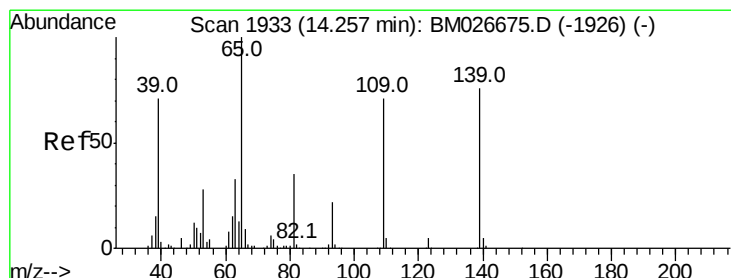
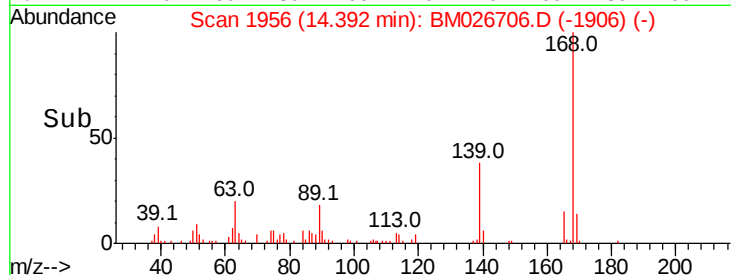
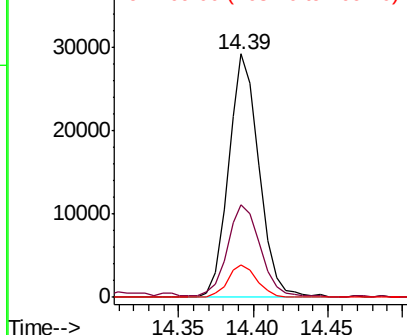


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.733 ng

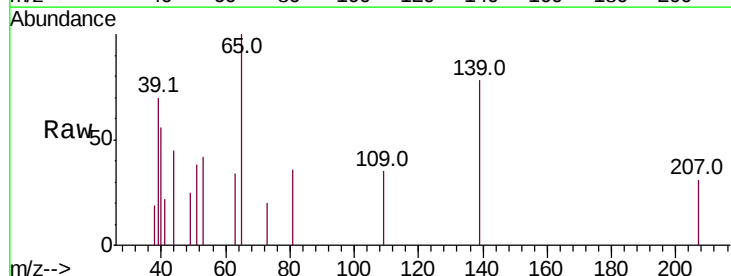
RT: 14.31 min Scan# 1942

Delta R.T. 0.05 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	139	Resp:	1366
Ion Ratio	Lower	Upper	
139	100		
109	44.8	73.7	113.7#
65	127.5	111.5	151.5

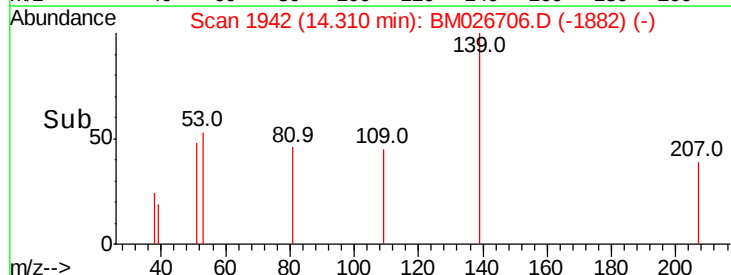
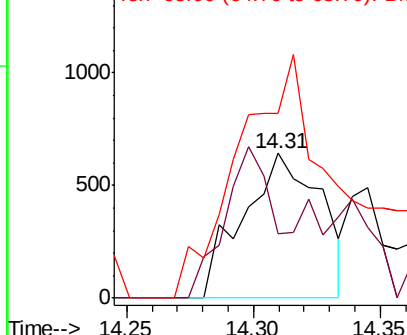


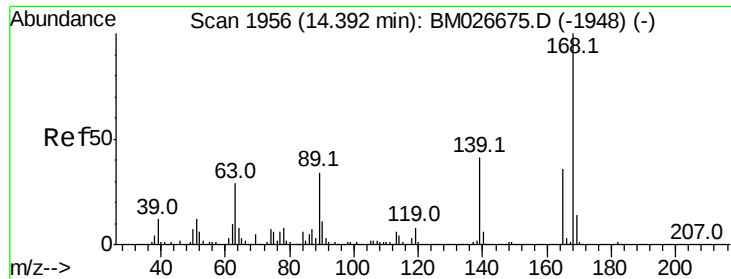
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 2.185 ng

RT: 14.39 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:165 Resp: 7201

Ion Ratio Lower Upper

165 100

63 129.5 64.6 97.0#

89 116.9 75.4 113.2#

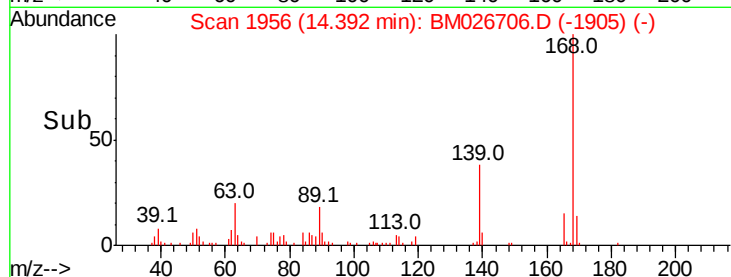
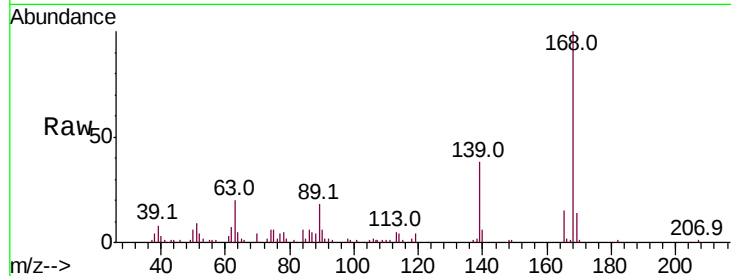
182 4.8 2.2 3.4#

Manual Integrations

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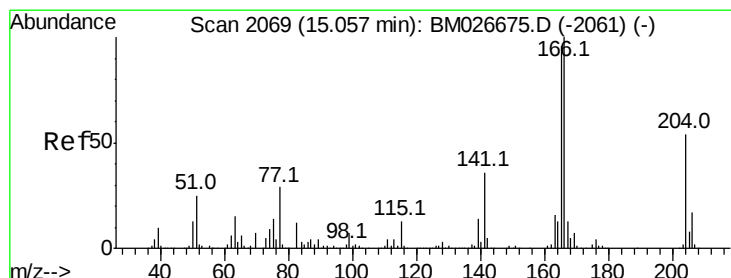
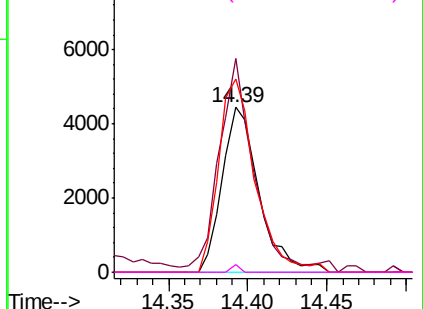


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 3.180 ng

RT: 15.05 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

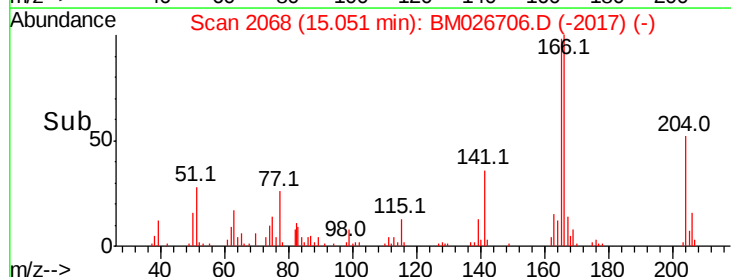
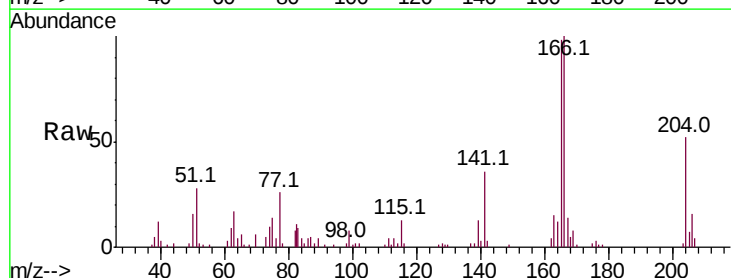
Tgt Ion:166 Resp: 33367

Ion Ratio Lower Upper

166 100

165 97.8 77.1 115.7

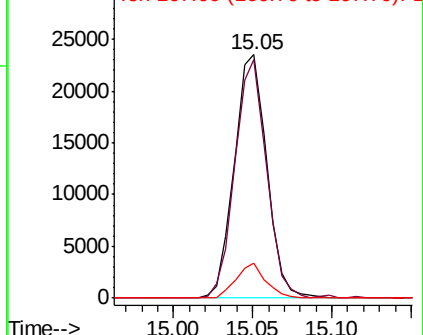
167 14.2 10.8 16.2

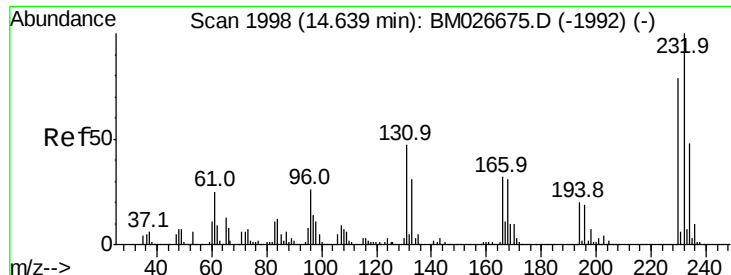


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





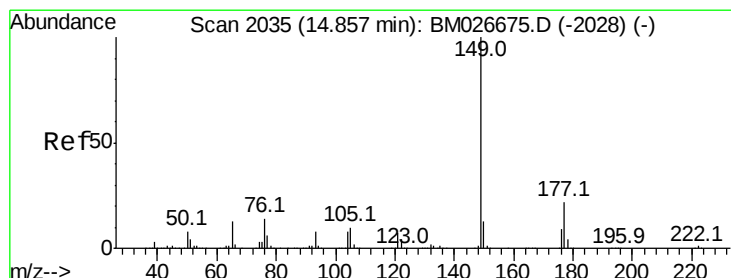
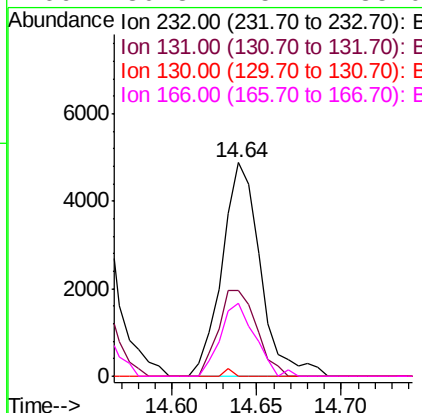
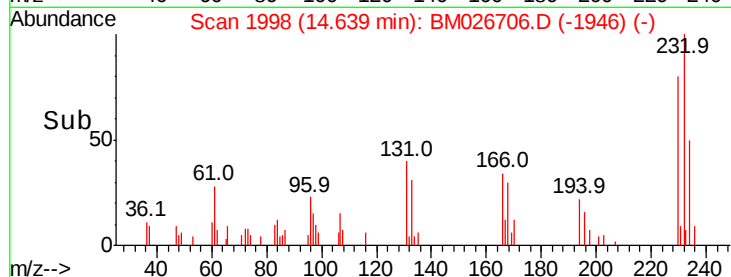
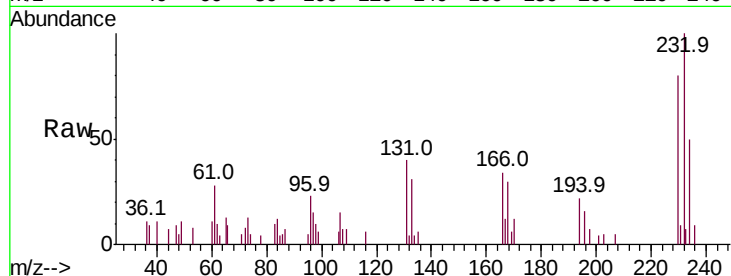
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.851 ng
 RT: 14.64 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.1	38.4	57.6
130	0.7	2.2	3.2
166	30.8	25.4	38.0

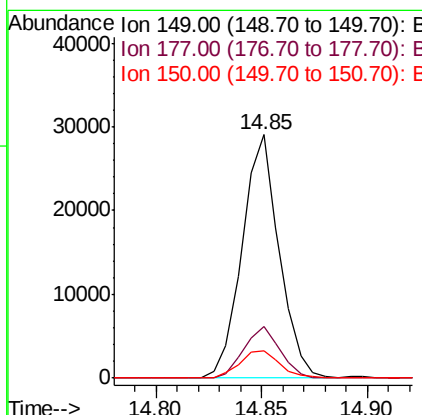
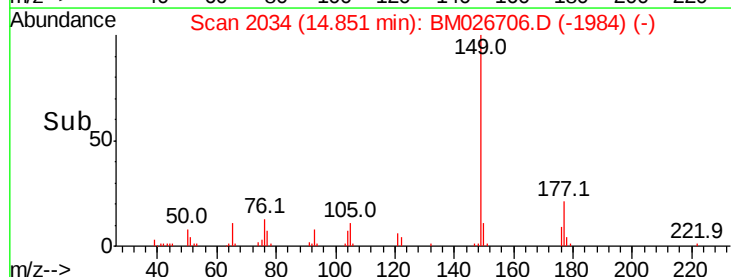
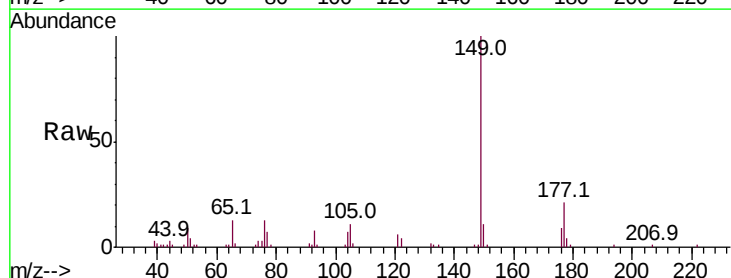
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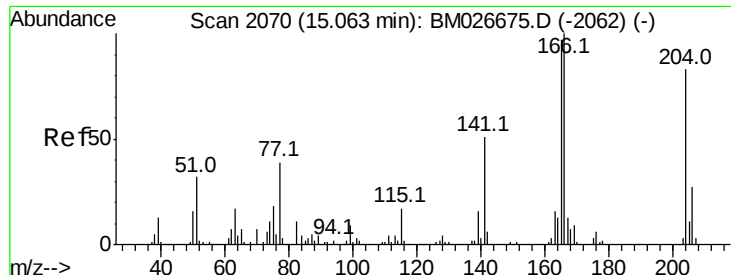
mohammad
 7/9/2020 11:00:06 AM



#60
 Diethylphthalate
 Concen: 3.131 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.6
150	11.4	10.2	15.4





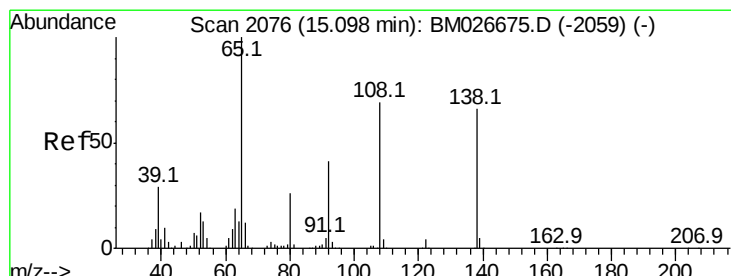
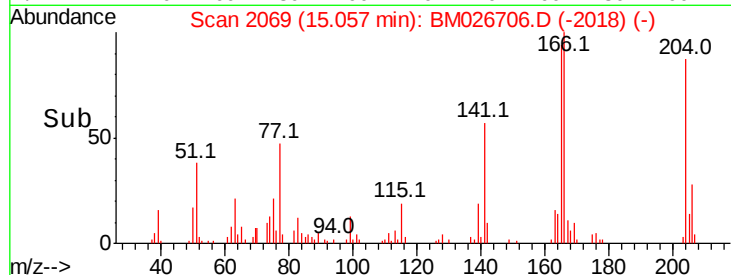
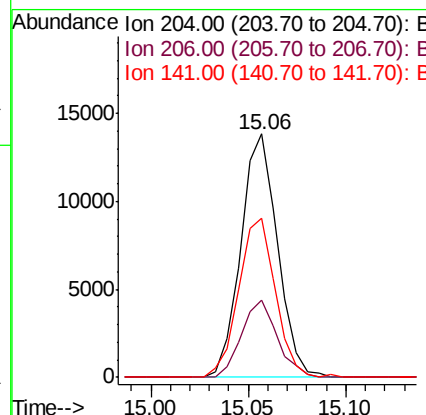
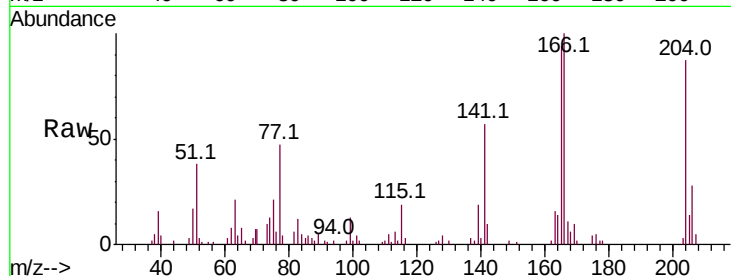
#61
 4-Chlorophenyl-phenylether
 Concen: 3.169 ng
 RT: 15.06 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	25.9	38.9
141	65.3	49.5	74.3

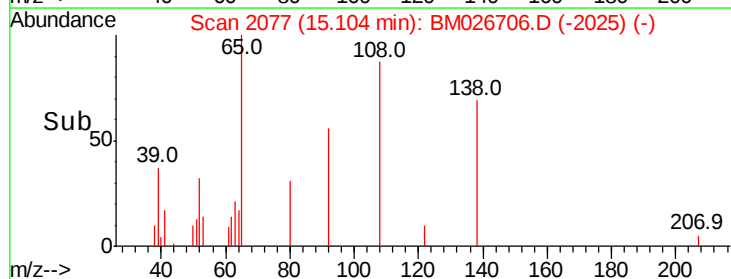
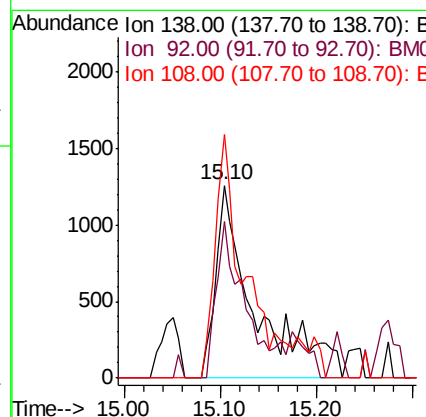
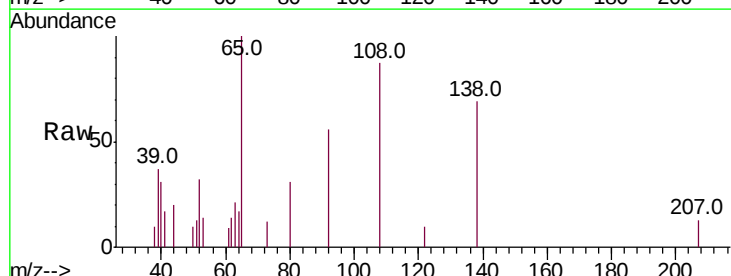
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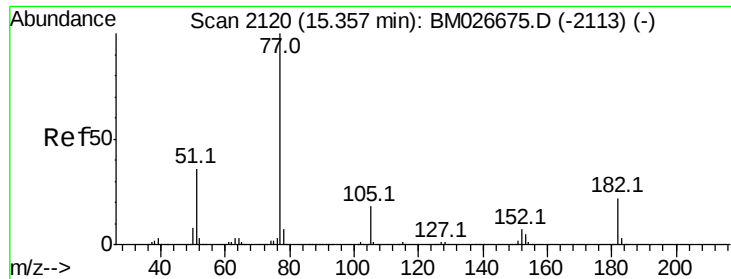
mohammad
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#62
 4-Nitroaniline
 Concen: 1.449 ng m
 RT: 15.10 min Scan# 2077
 Delta R.T. 0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	81.3	41.5	81.5
108	126.5	84.8	124.8#





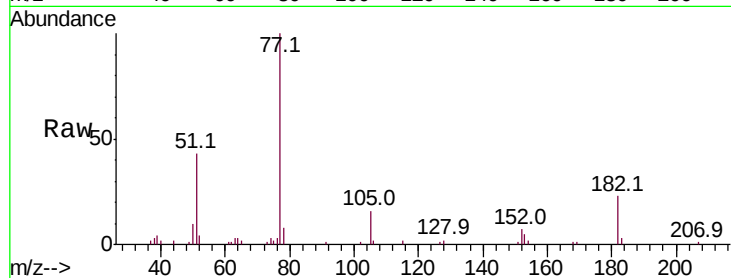
#63
Azobenzene
Concen: 2.871 ng
RT: 15.35 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.5	1.6	41.6	
105	16.4	0.0	37.8	
51	42.8	16.5	56.5	

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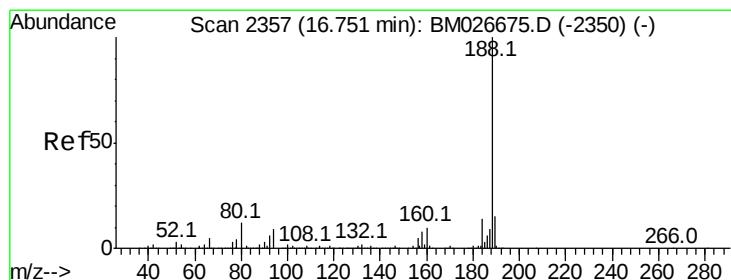
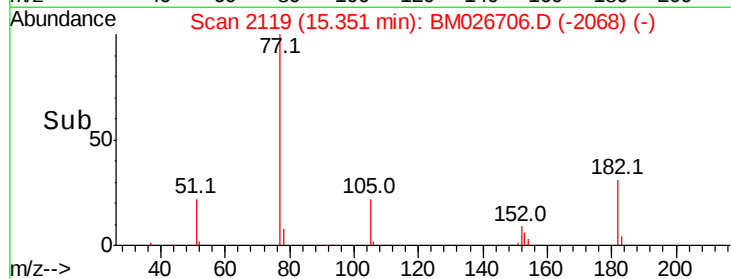
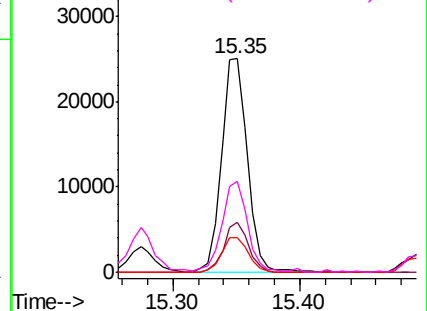
Abundance

Ion 77.00 (76.70 to 77.70): BM026675.D (-2113) (-)

Ion 182.00 (181.70 to 182.70): BM026675.D (-2113) (-)

Ion 105.00 (104.70 to 105.70): BM026675.D (-2113) (-)

Ion 51.00 (50.70 to 51.70): BM026675.D (-2113) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

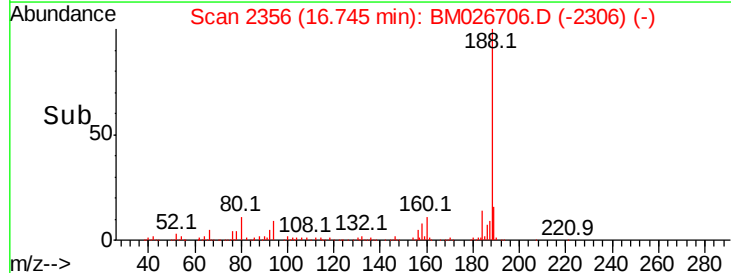
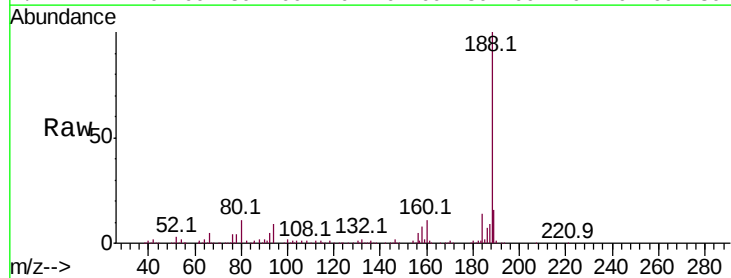
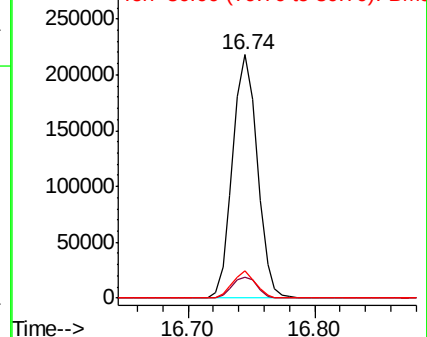
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	7.4	11.0	
80	11.5	9.3	13.9	

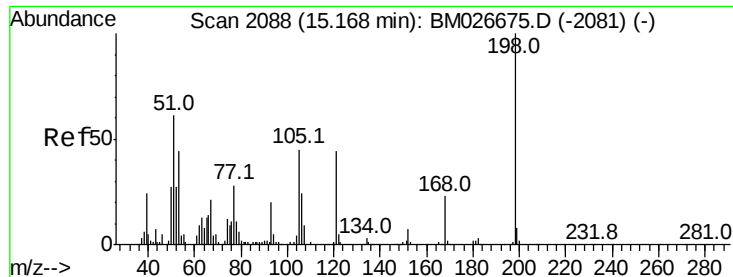
Abundance

Ion 188.00 (187.70 to 188.70): BM026675.D (-2350) (-)

Ion 94.00 (93.70 to 94.70): BM026675.D (-2350) (-)

Ion 80.00 (79.70 to 80.70): BM026675.D (-2350) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 1.564 ng

RT: 15.17 min Scan# 2089

Delta R.T. 0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

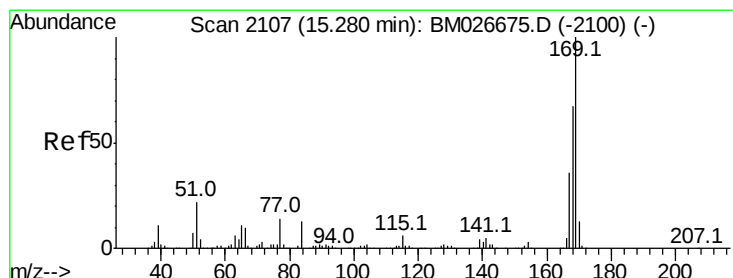
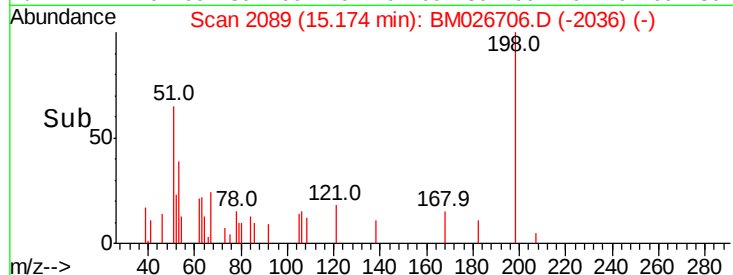
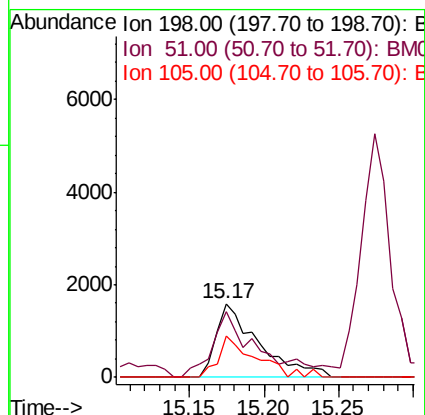
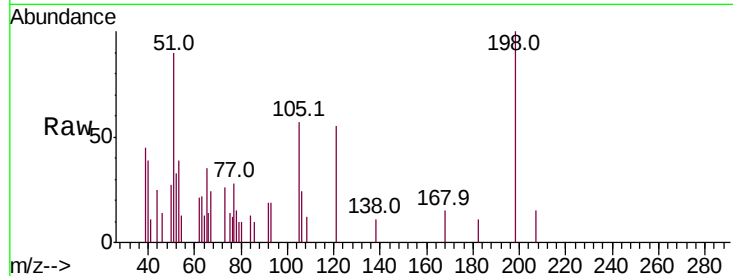
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	198	Resp:	3136
Ion Ratio	Lower	Upper	
198	100		
51	89.5	42.0	82.0#
105	56.7	24.9	64.9

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#66

n-Nitrosodiphenylamine

Concen: 3.027 ng

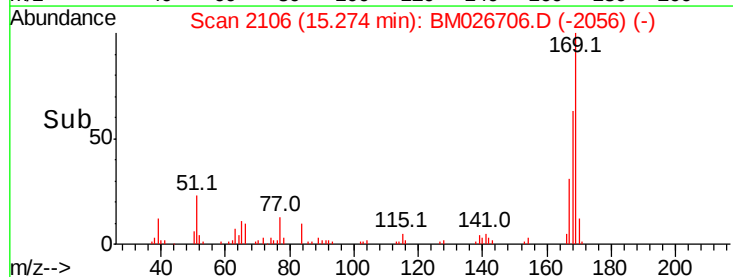
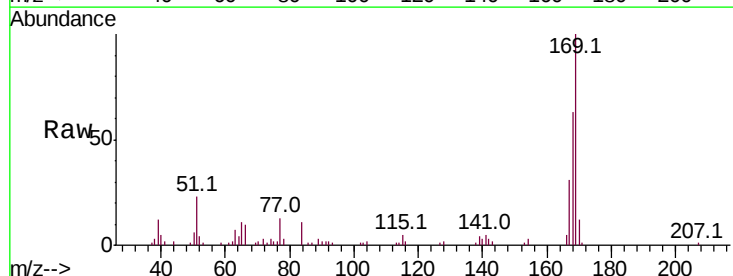
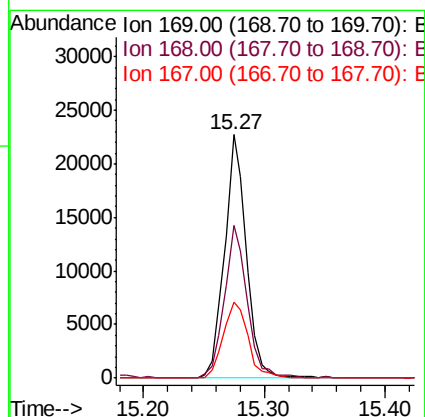
RT: 15.27 min Scan# 2106

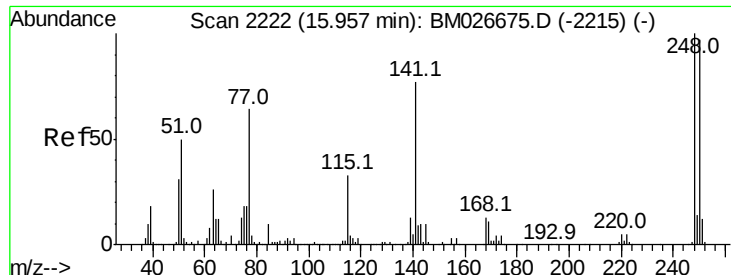
Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	169	Resp:	28367
Ion Ratio	Lower	Upper	
169	100		
168	62.6	53.8	80.8
167	31.1	28.6	43.0





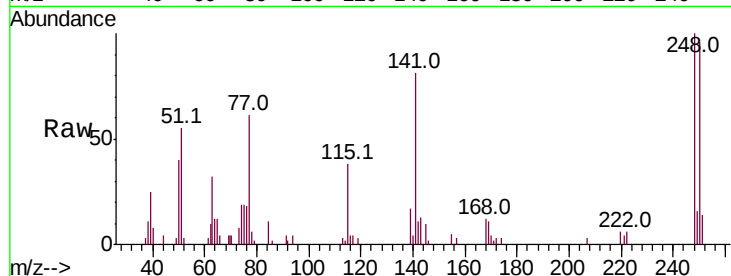
#67
 4-Bromophenyl-phenylether
 Concen: 2.883 ng
 RT: 15.95 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.4	116.2
141	80.6	61.9	92.9

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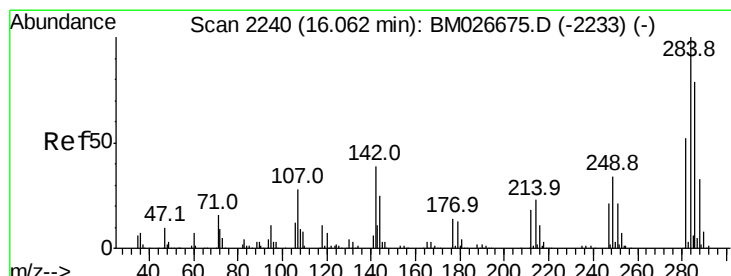
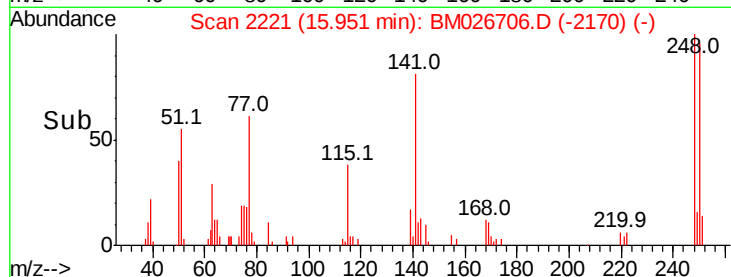
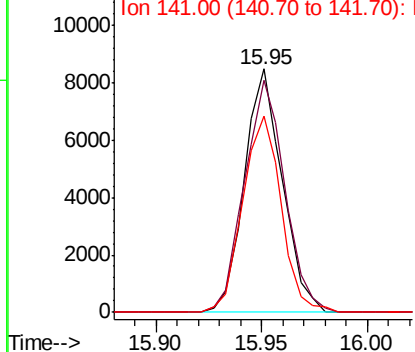


Abundance

Ion 248.00 (247.70 to 248.70): E

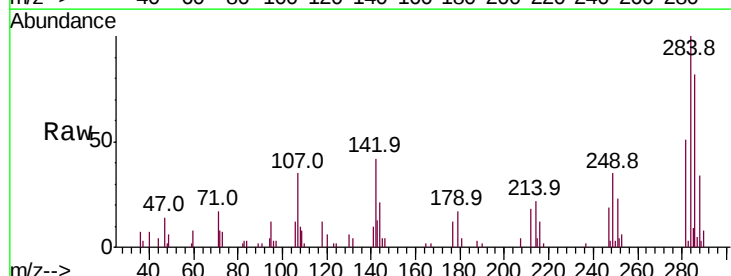
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 3.239 ng
 RT: 16.06 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.5	31.1	46.7
249	34.8	27.4	41.0

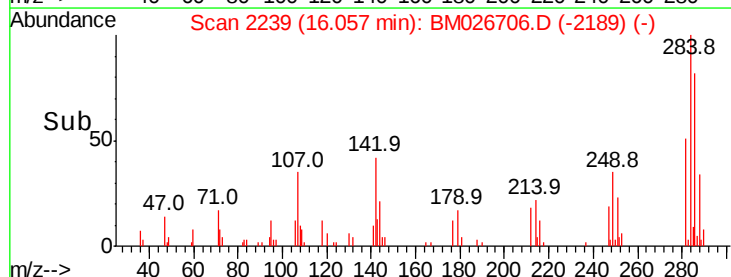
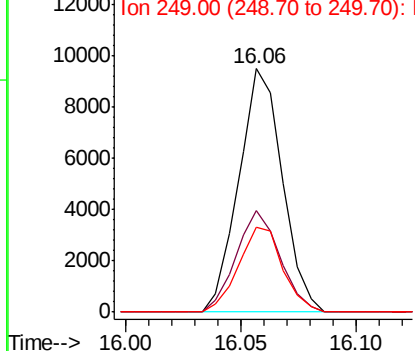


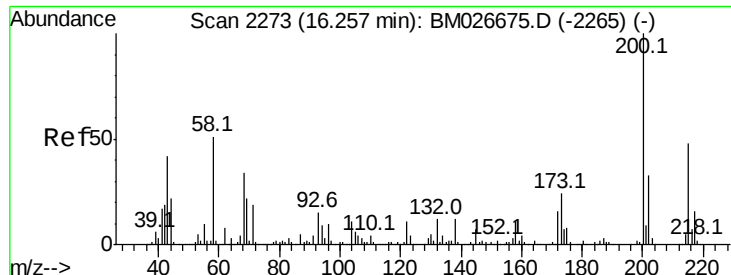
Abundance

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





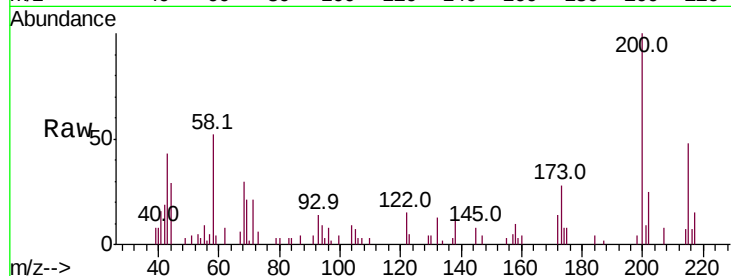
#69
Atrazine
Concen: 3.703 ng
RT: 16.25 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

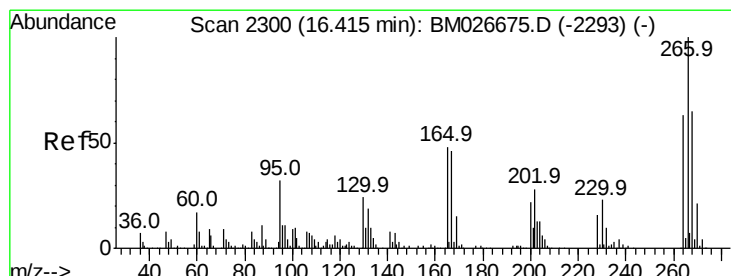
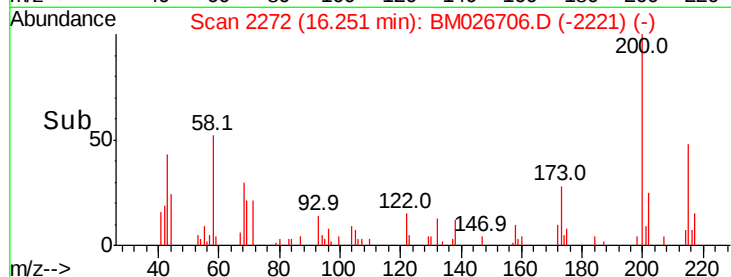
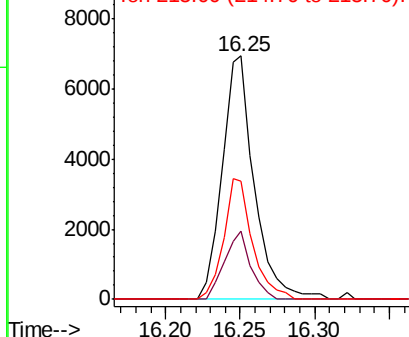
Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	4.5	44.5	
215	48.3	28.4	68.4	

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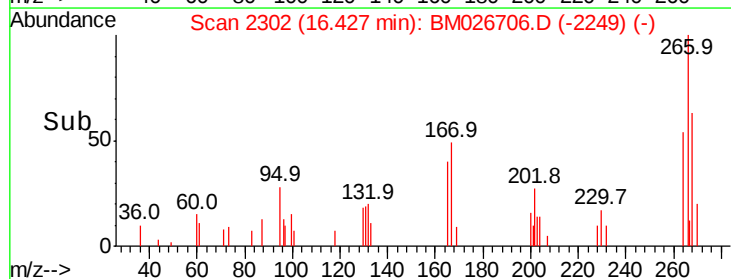
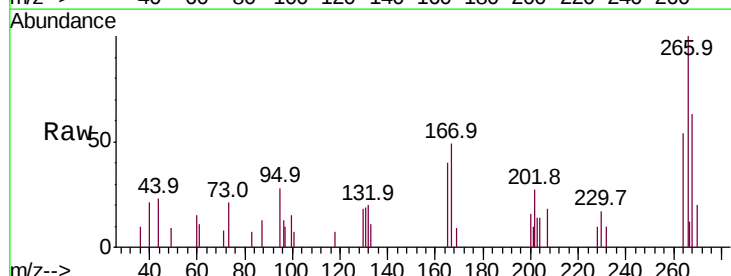
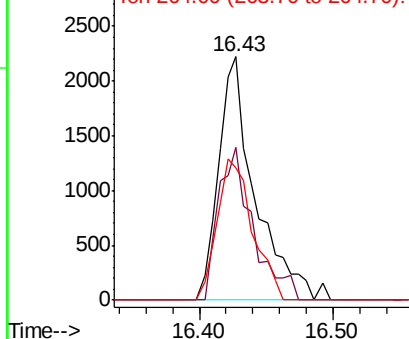
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

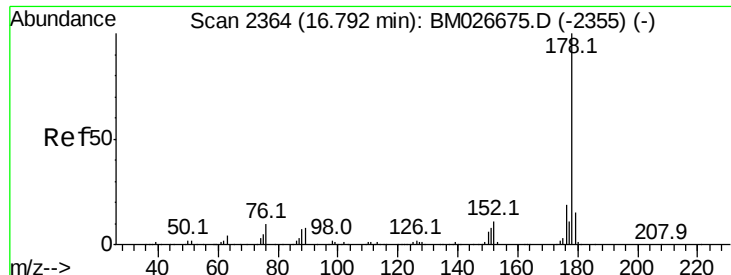


#70
Pentachlorophenol
Concen: 1.953 ng
RT: 16.43 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.7	51.8	77.6	
264	54.3	50.1	75.1	

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





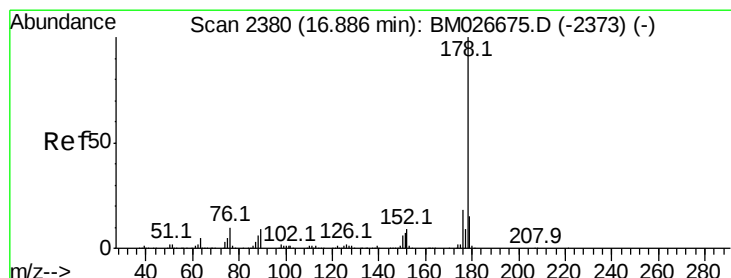
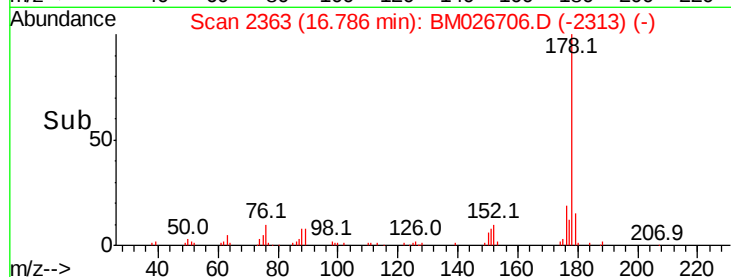
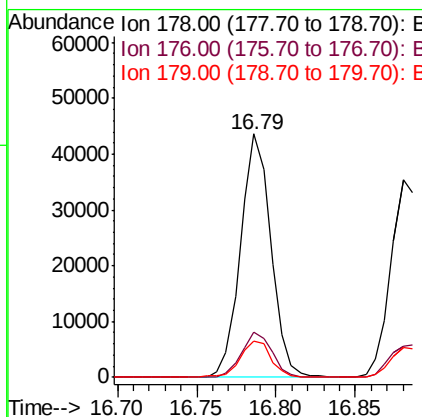
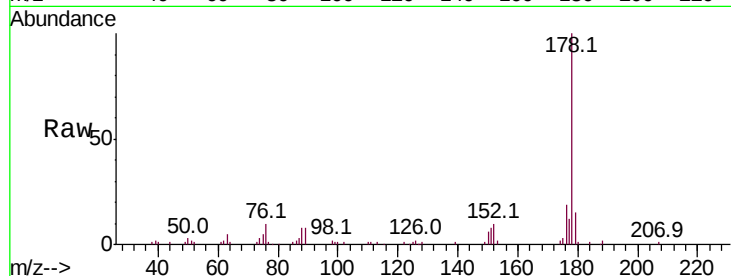
#71
Phenanthrene
Concen: 3.346 ng
RT: 16.79 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.0	12.1	18.1

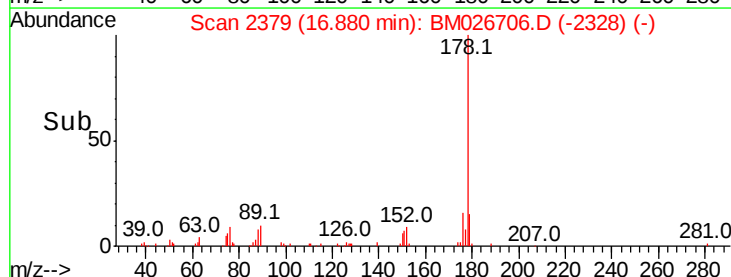
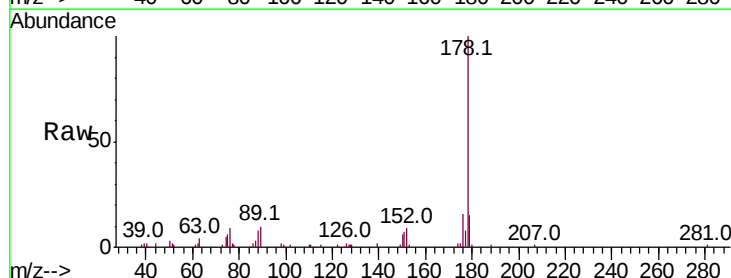
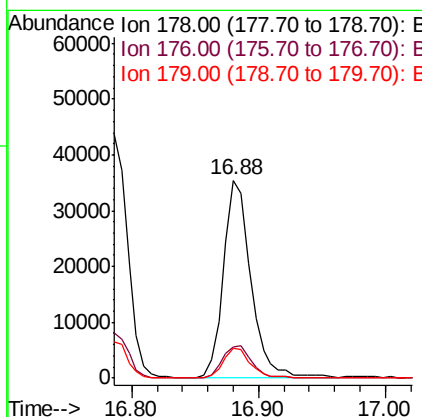
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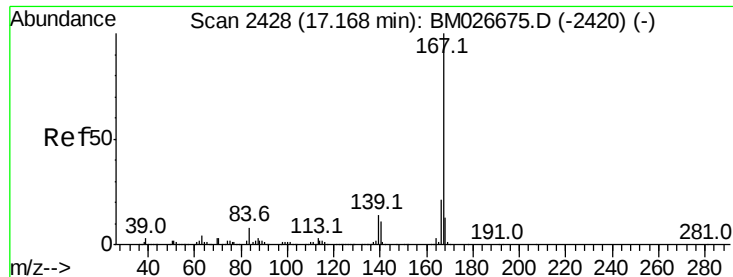
mohammad
7/9/2020 11:00:06 AM



#72
Anthracene
Concen: 3.093 ng
RT: 16.88 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.6	14.7	22.1
179	15.3	12.1	18.1





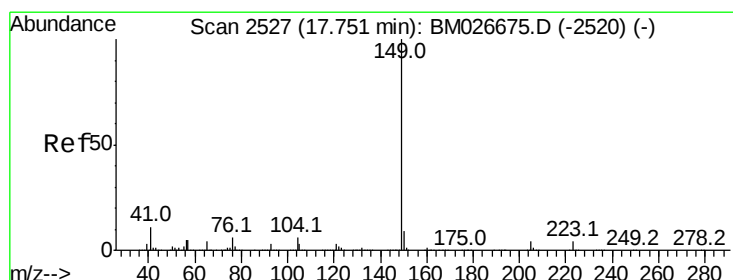
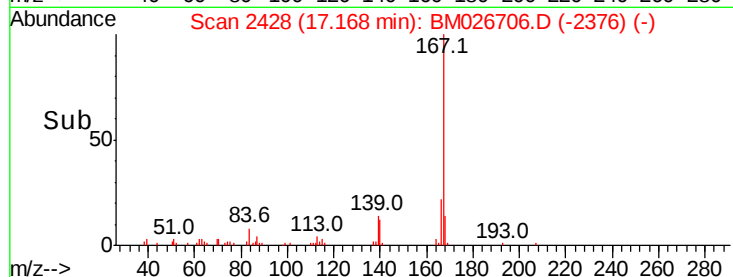
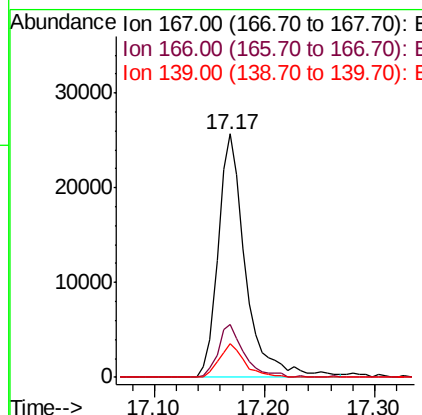
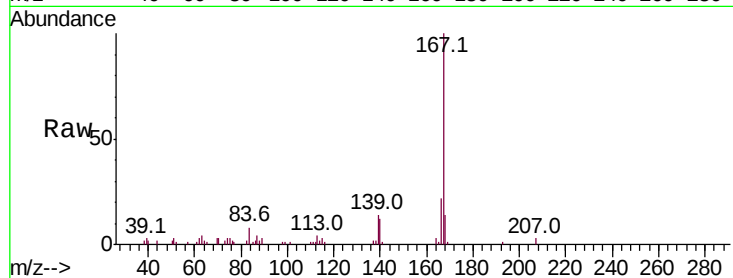
#73
 Carbazole
 Concen: 2.672 ng
 RT: 17.17 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	16.9	25.3
139	13.9	10.8	16.2

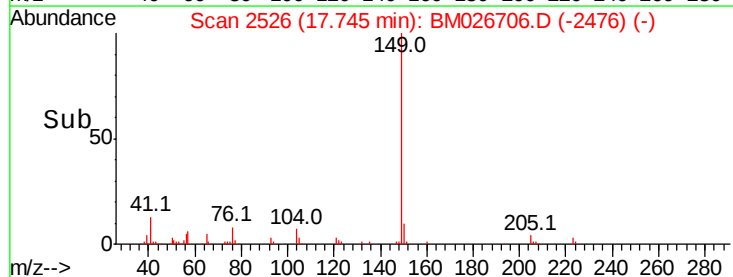
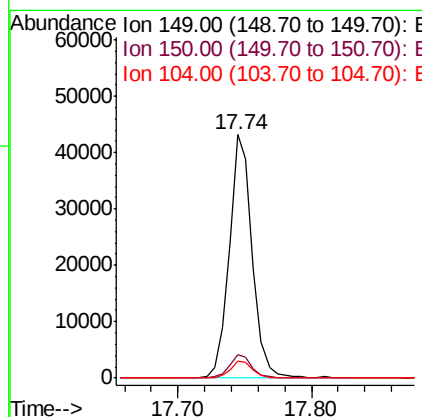
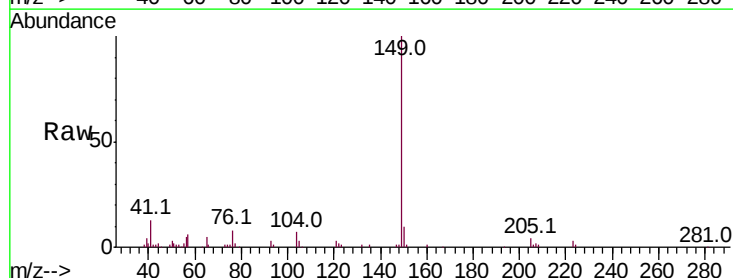
Manual Integrations
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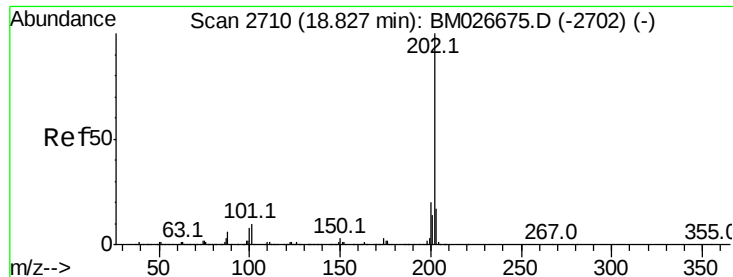
mohammad
 7/9/2020 11:00:06 AM



#74
 Di-n-butylphthalate
 Concen: 2.509 ng
 RT: 17.74 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	7.1	5.0	7.4





#75

Fluoranthene

Concen: 3.184 ng

RT: 18.82 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

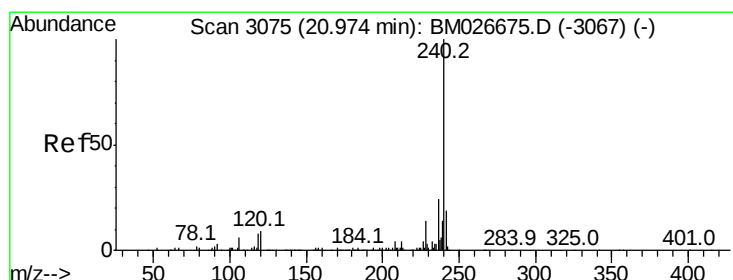
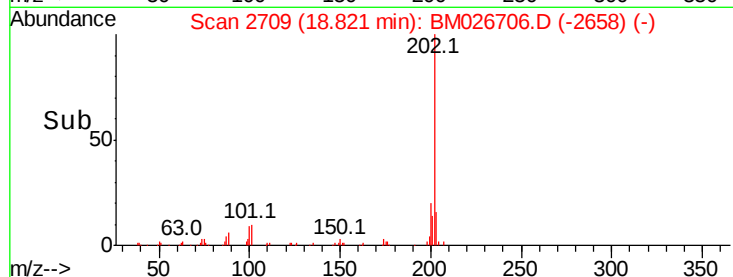
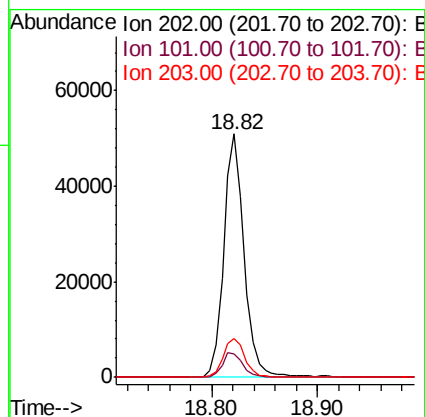
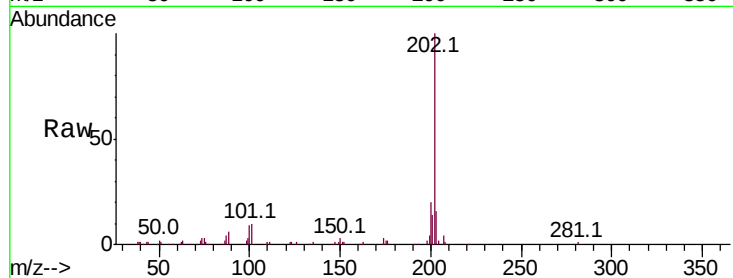
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	202	Resp:	68275
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.1
203	15.9	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

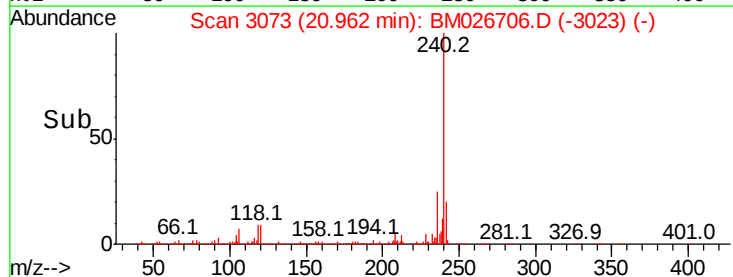
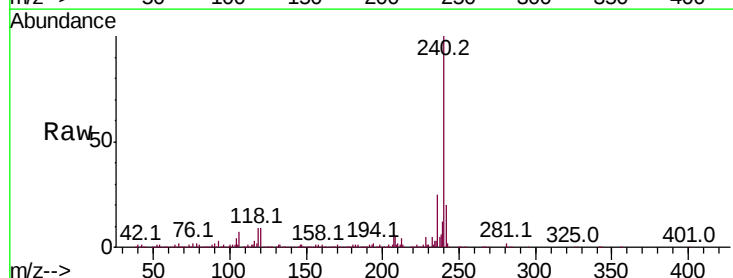
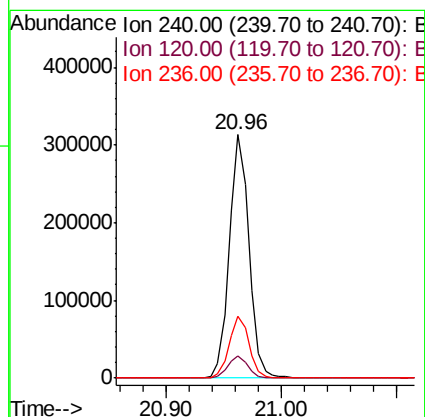
RT: 20.96 min Scan# 3073

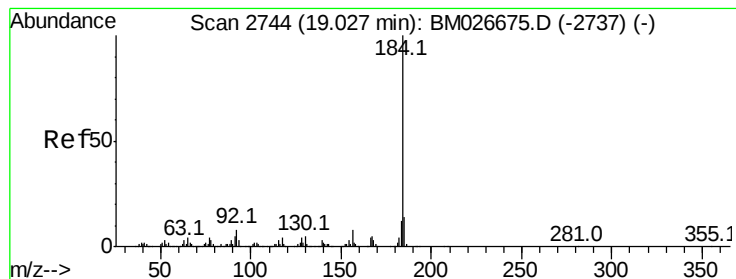
Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	240	Resp:	370102
Ion Ratio	Lower	Upper	
240	100		
120	9.0	7.3	10.9
236	25.4	19.4	29.2





#77

Benzidine

Concen: 2.406 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

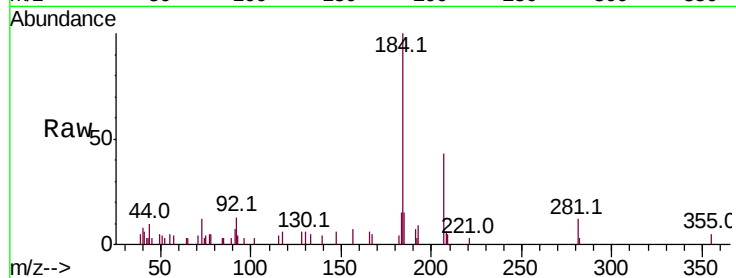
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	10.9	16.3
183	14.7	9.3	13.9

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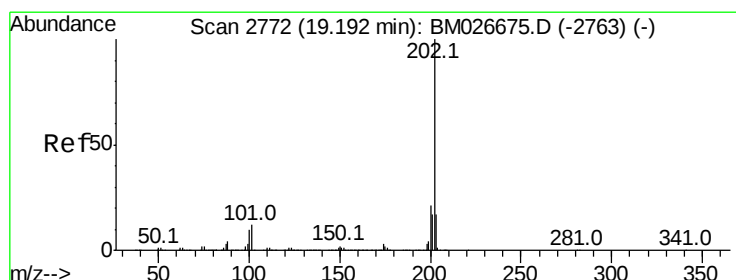
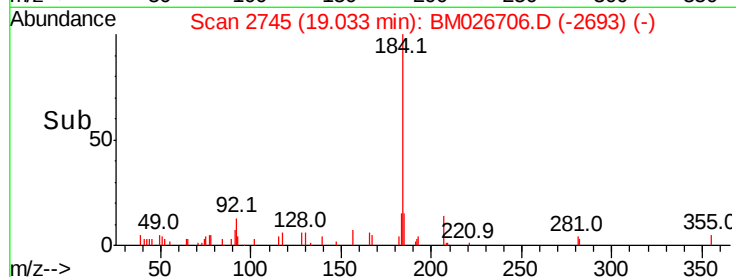
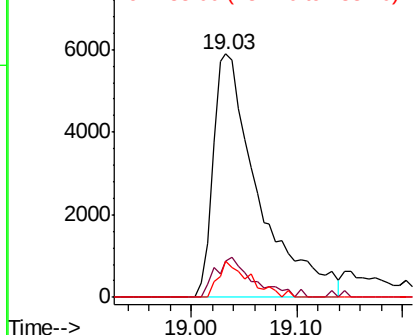


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 3.060 ng

RT: 19.19 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

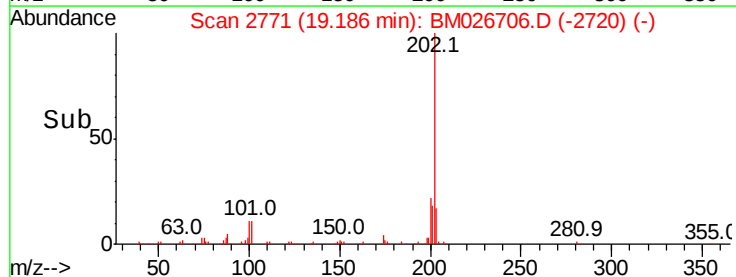
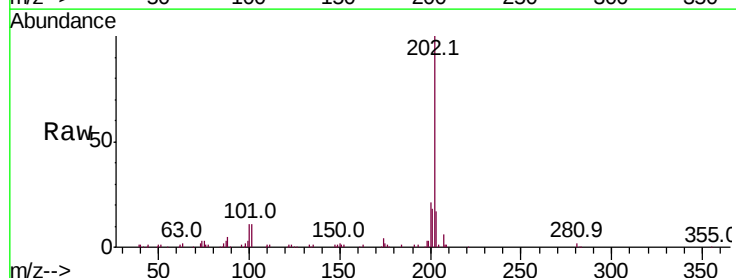
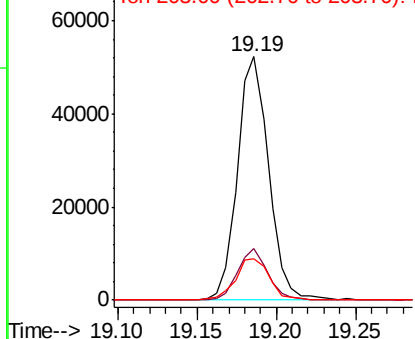
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	17.0	13.7	20.5

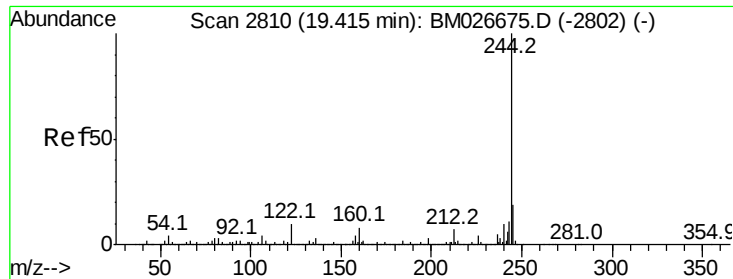
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 55.938 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

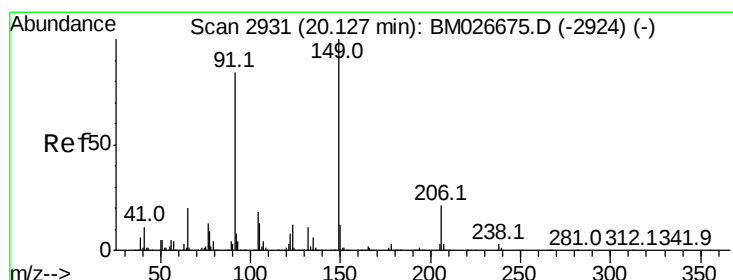
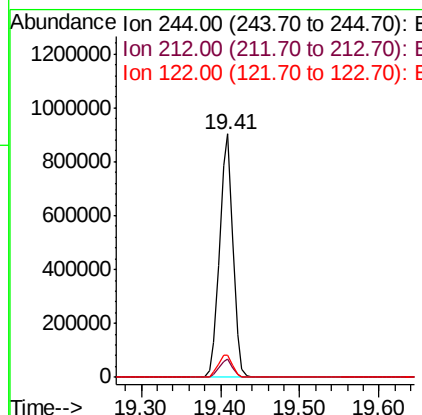
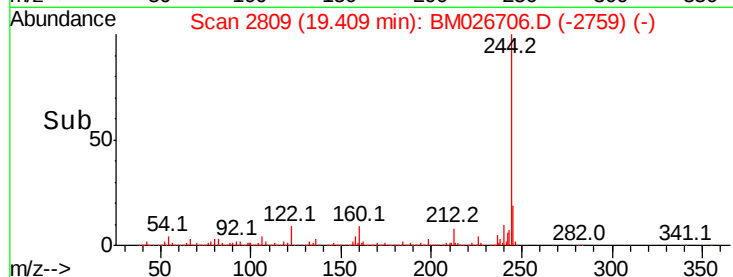
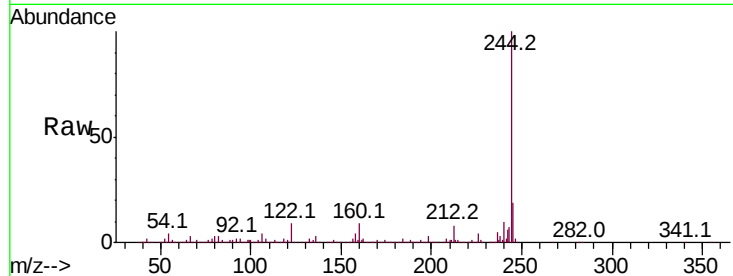
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:244 Resp: 1051962

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.1	8.2	12.4

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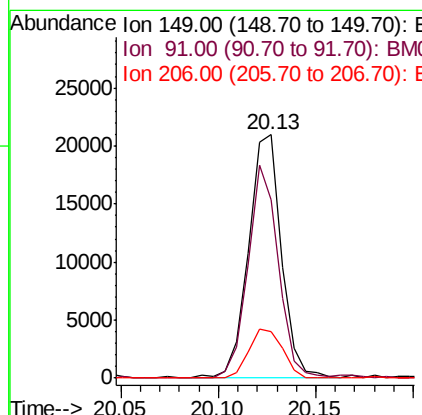
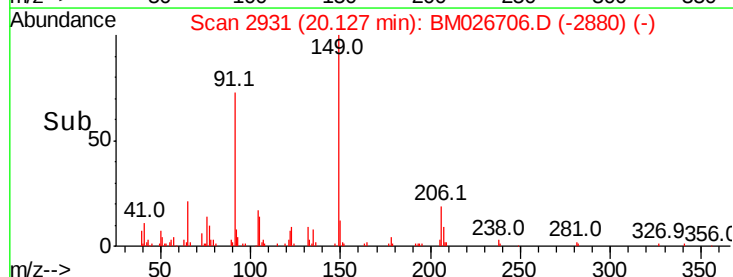
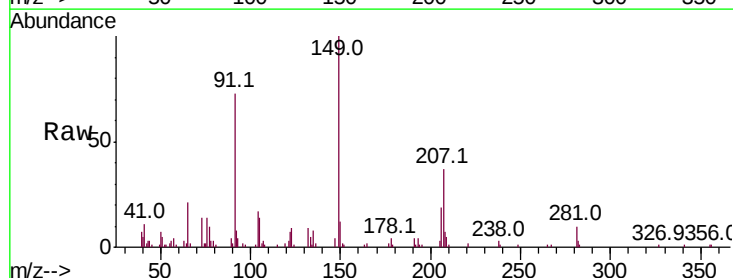
mohammad
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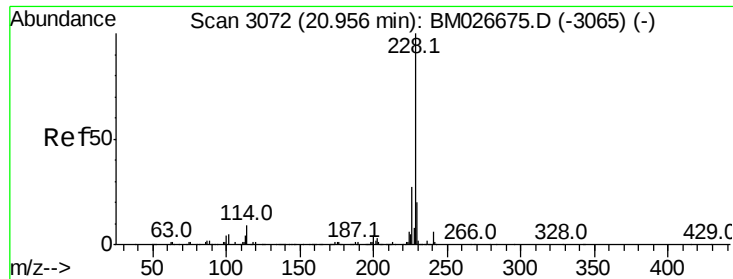


#80
 Butylbenzylphthalate
 Concen: 2.342 ng
 RT: 20.13 min Scan# 2931
 Delta R.T. 0.00 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion:149 Resp: 24498

Ion	Ratio	Lower	Upper
149	100		
91	73.0	67.6	101.4
206	19.0	16.7	25.1





#81

Benzo(a)anthracene

Concen: 3.307 ng

RT: 20.95 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Instrument :

BNA_M

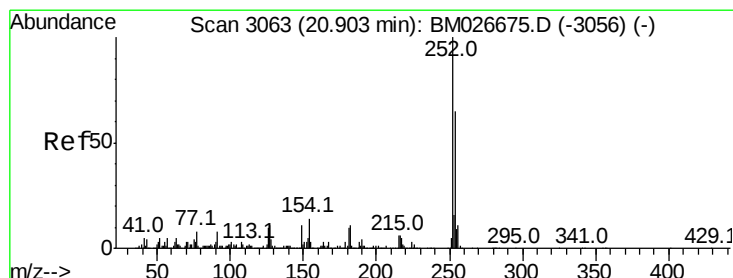
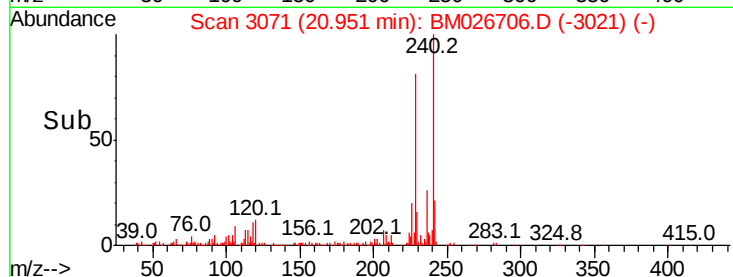
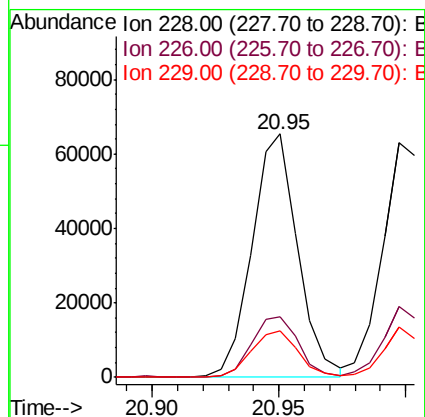
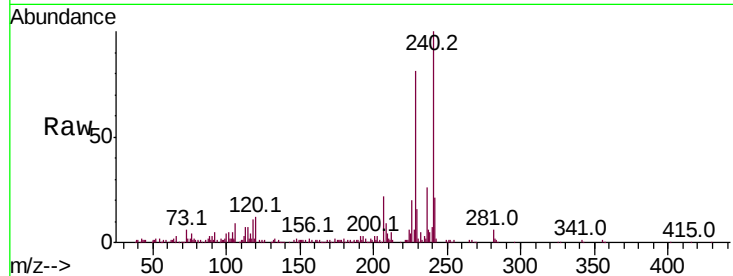
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	228	Resp:	82215
Ion Ratio	Lower	Upper	
228	100		
226	25.1	21.4	32.2
229	19.3	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 2.962 ng

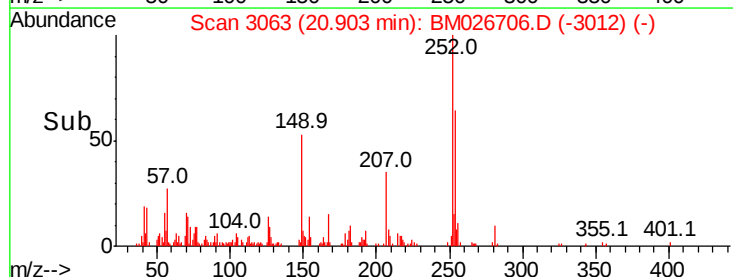
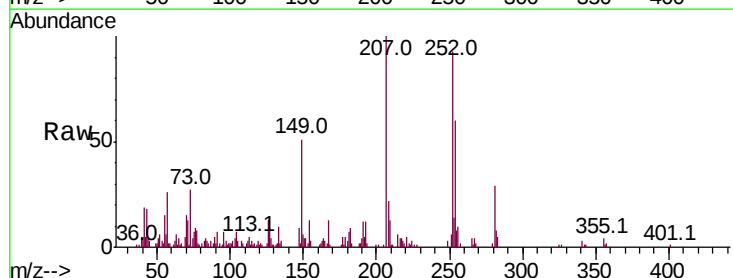
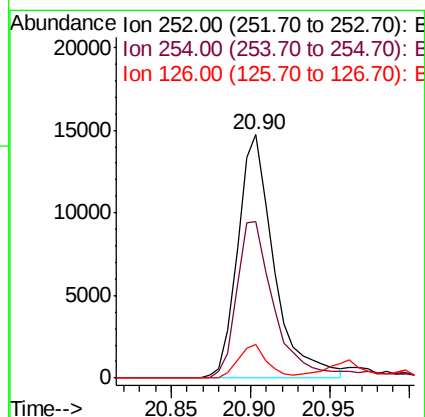
RT: 20.90 min Scan# 3063

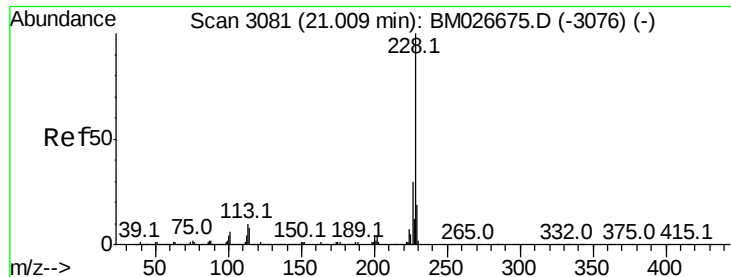
Delta R.T. 0.00 min

Lab File: BM026706.D

Acq: 08 Jul 2020 15:59

Tgt Ion:	252	Resp:	23371
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.9	77.9
126	13.8	8.2	12.2#





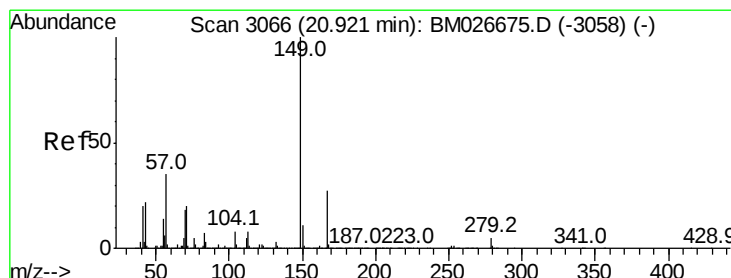
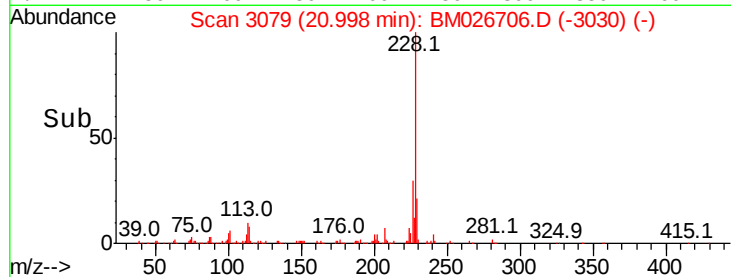
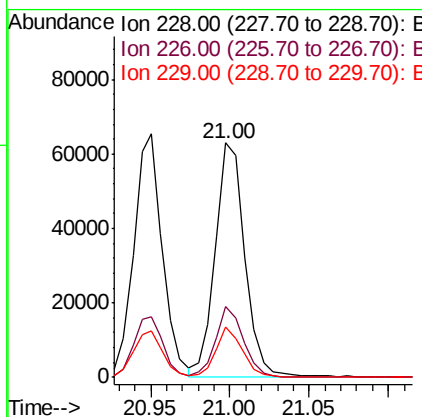
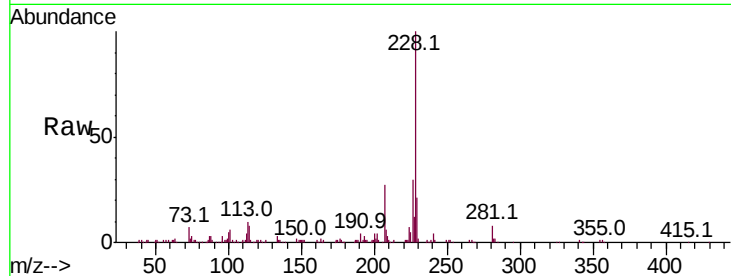
#83
Chrysene
Concen: 3.374 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	21.3	15.4	23.0

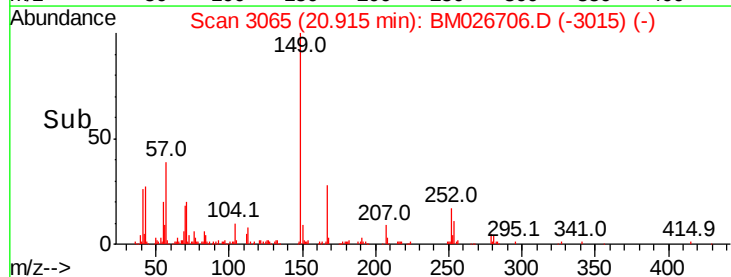
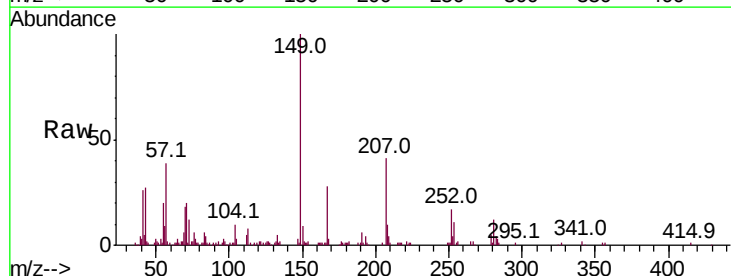
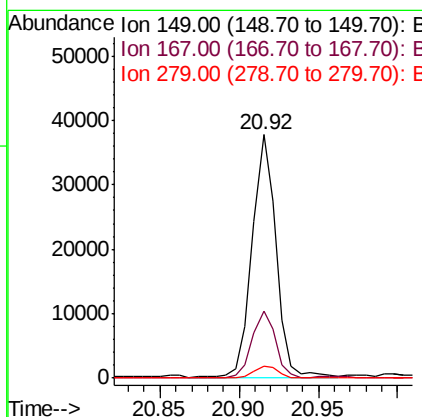
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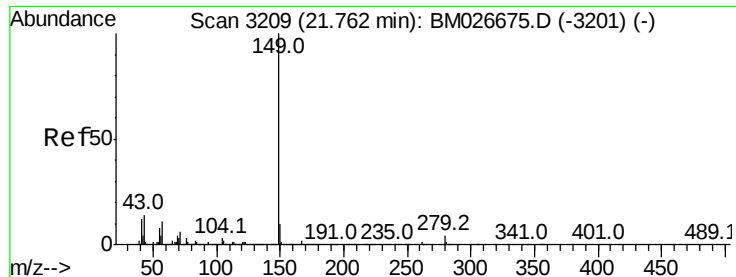
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.404 ng
RT: 20.92 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	4.7	3.7	5.5





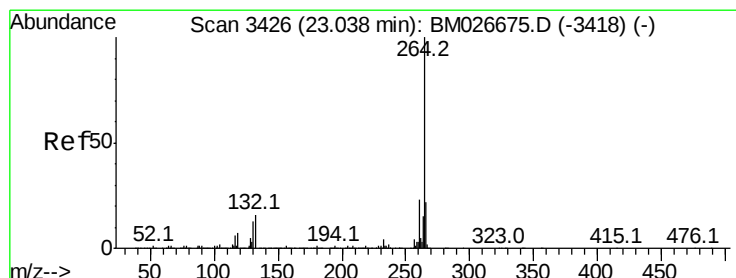
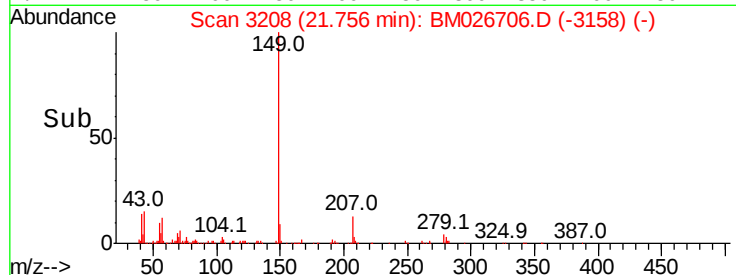
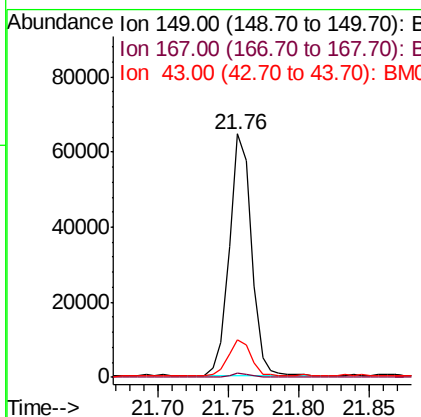
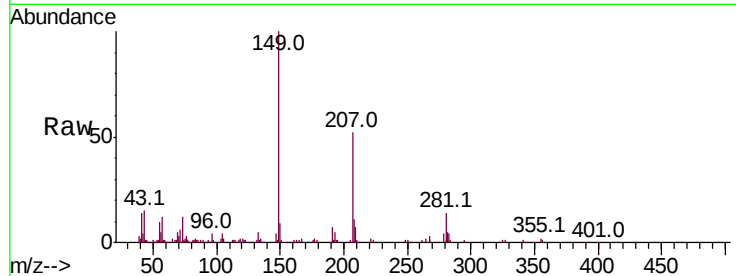
#85
Di-n-octyl phthalate
Concen: 2.449 ng
RT: 21.76 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
149	100	70153		
167	1.5		1.3	1.9
43	15.7		11.2	16.8

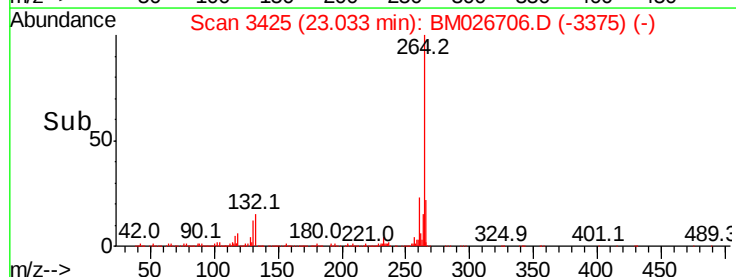
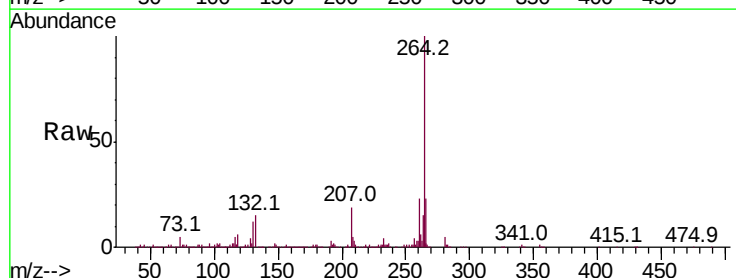
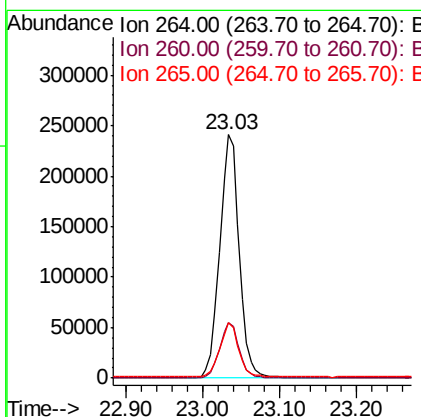
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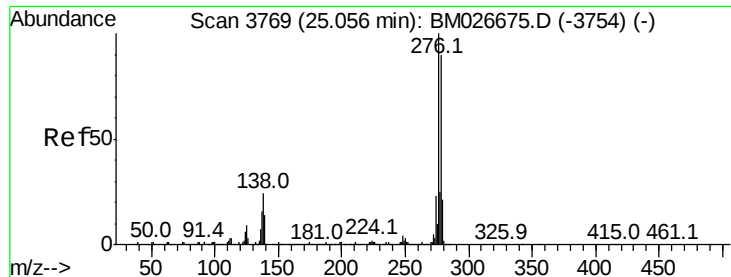
mohammad
7/9/2020 11:00:06 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	423656		
260	23.0		18.2	27.2
265	22.7		17.6	26.4





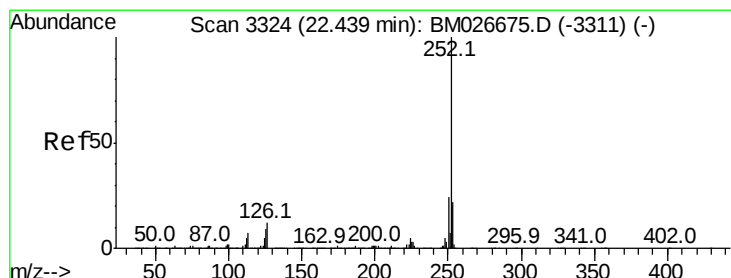
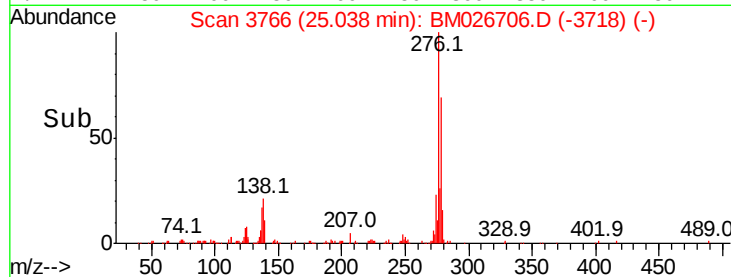
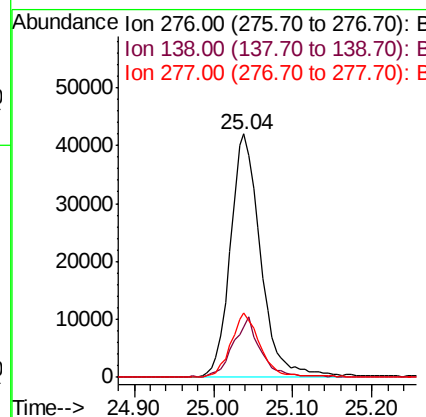
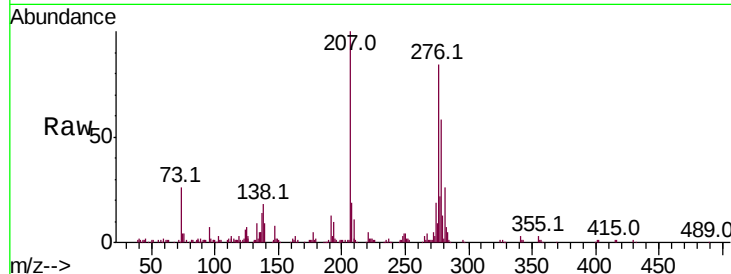
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.682 ng
 RT: 25.04 min Scan# 3766
 Delta R.T. -0.02 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.4	27.6
277	25.0	20.0	30.0

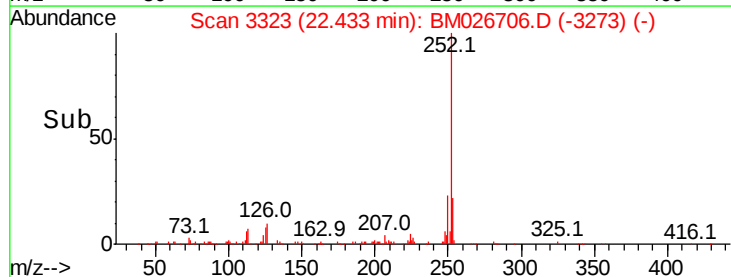
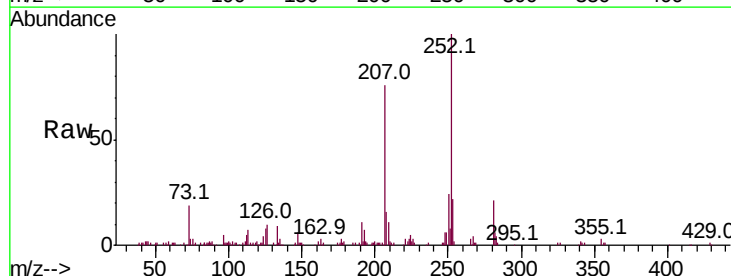
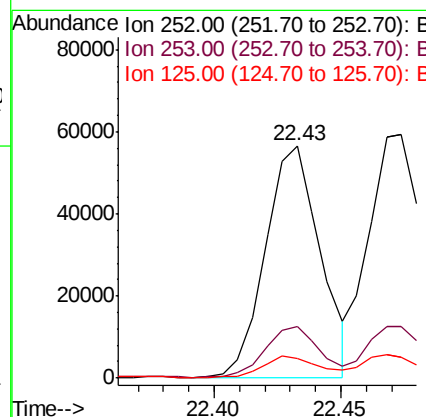
Manual Integrations
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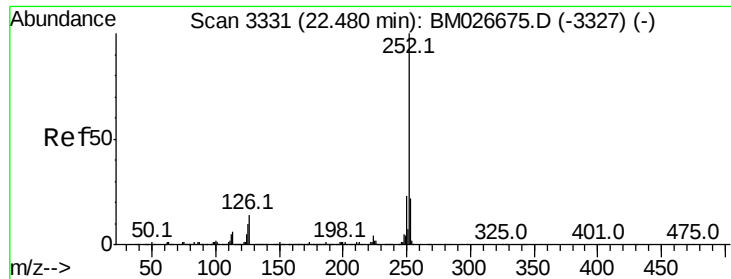
mohammad
 7/9/2020 11:00:06 AM



#88
 Benzo(b)fluoranthene
 Concen: 3.073 ng
 RT: 22.43 min Scan# 3323
 Delta R.T. -0.01 min
 Lab File: BM026706.D
 Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.5	7.5	11.3





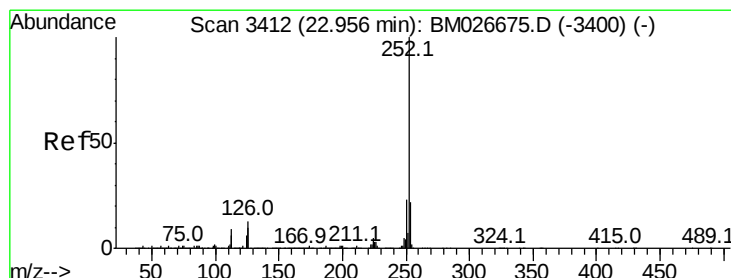
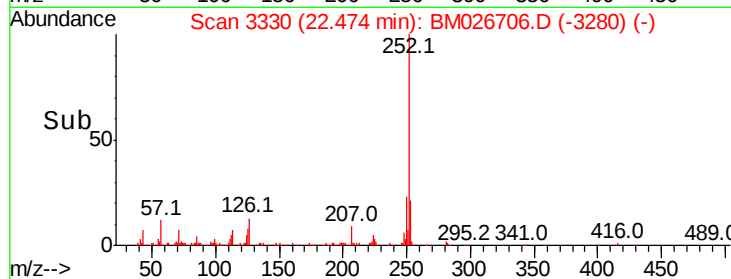
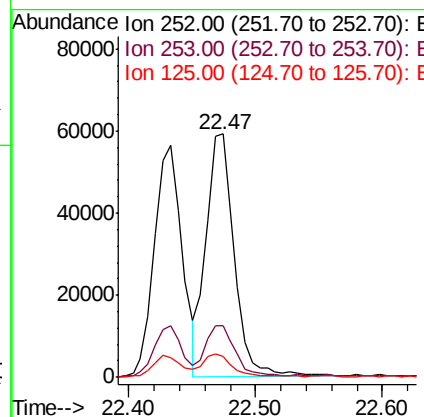
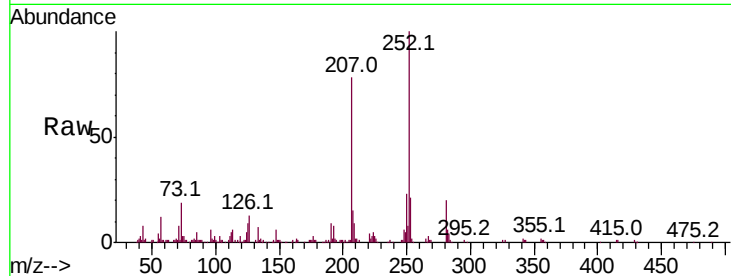
#89
Benzo(k)fluoranthene
Concen: 3.364 ng
RT: 22.47 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	8.7	7.8	11.8

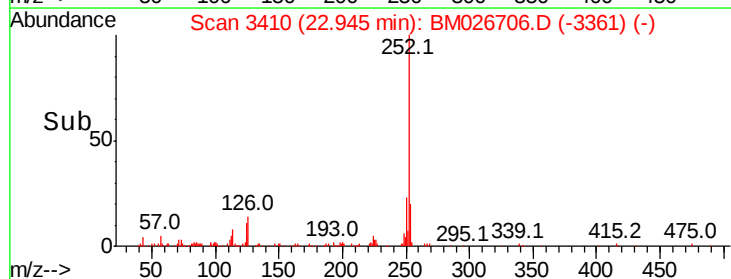
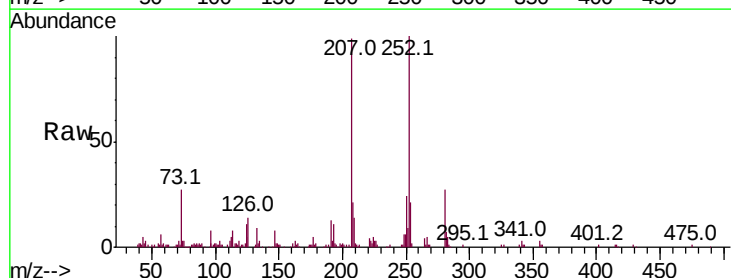
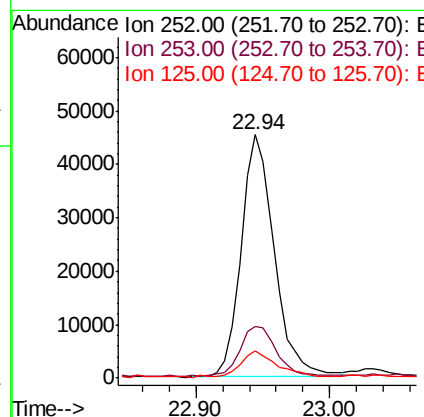
Manual Integrations
APPROVED

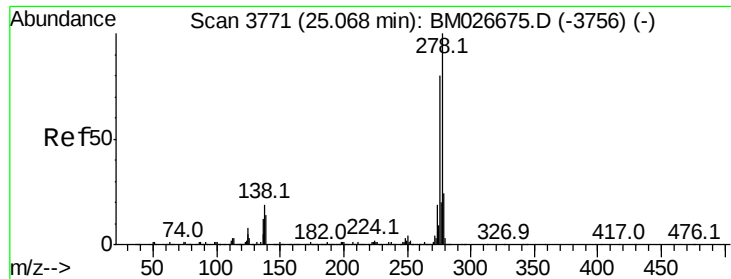
mohammad
7/9/2020 11:00:06 AM



#90
Benzo(a)pyrene
Concen: 3.018 ng
RT: 22.94 min Scan# 3410
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	11.3	8.2	12.4





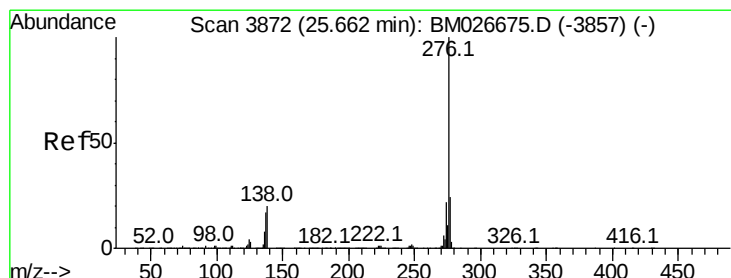
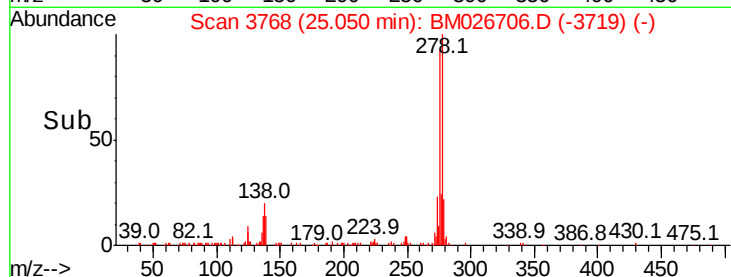
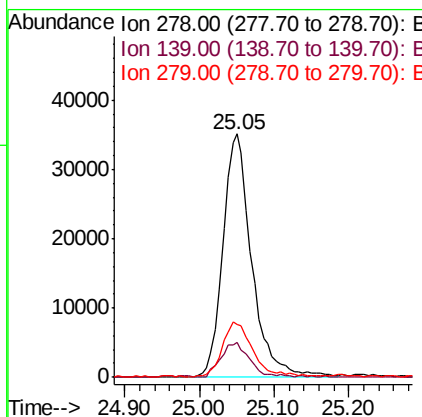
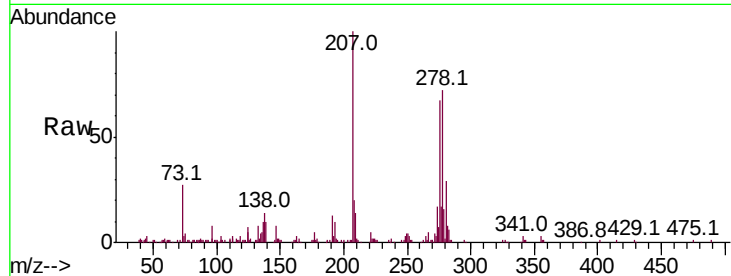
#91
Dibenzo(a,h)anthracene
Concen: 3.712 ng
RT: 25.05 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.2	16.8
279	21.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/9/2020 11:00:06 AM



#92
Benzo(g,h,i)perylene
Concen: 4.117 ng
RT: 25.64 min Scan# 3869
Delta R.T. -0.02 min
Lab File: BM026706.D
Acq: 08 Jul 2020 15:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.1	28.7
138	20.0	15.8	23.8

