

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
 Data File : BM026468.D
 Acq On : 19 Jun 2020 15:57
 Operator : JU/CG
 Sample : L1161-07
 Misc : LOD-MDL-W-5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Manual Integrations
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Quant Time: Jun 20 06:27:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 10:20:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	97165	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	411848	20.00	ng	0.00
39) Acenaphthene-d10	14.05	164	286763	20.00	ng	0.00
64) Phenanthrene-d10	16.80	188	638162	20.00	ng	0.00
76) Chrysene-d12	21.01	240	629796	20.00	ng	0.00
86) Perylene-d12	23.10	264	599070	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	867587	157.87	ng	0.00
7) Phenol-d6	6.59	99	1272570	159.91	ng	0.00
23) Nitrobenzene-d5	8.53	82	961549	114.63	ng	0.00
42) 2,4,6-Tribromophenol	15.55	330	656486	188.99	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	2125588	112.52	ng	0.00
79) Terphenyl-d14	19.46	244	3750950	115.61	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.00	88	13113	5.292	ng	92
3) Pyridine	3.42	79	27513	3.781	ng	# 88
4) n-Nitrosodimethylamine	3.32	42	18706	5.191	ng	# 84
6) Aniline	6.73	93	47282	4.530	ng	91
8) 2-Chlorophenol	6.96	128	29648	4.677	ng	94
9) Benzaldehyde	6.55	77	33789	6.659	ng	97
10) Phenol	6.62	94	39281	4.635	ng	81
11) bis(2-Chloroethyl)ether	6.83	93	30795	4.511	ng	96
12) 1,3-Dichlorobenzene	7.28	146	32047	4.566	ng	91
13) 1,4-Dichlorobenzene	7.42	146	33043	4.622	ng	98
14) 1,2-Dichlorobenzene	7.73	146	32953	4.719	ng	96
15) Benzyl Alcohol	7.64	79	27615	4.086	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.93	45	62242	4.882	ng	98
17) 2-Methylphenol	7.85	107	24967	4.031	ng	93
18) Hexachloroethane	8.44	117	12564	4.641	ng	98
19) n-Nitroso-di-n-propylamine	8.20	70	29804	4.806	ng	95
20) 3+4-Methylphenols	8.18	107	31771	3.763	ng	97
22) Acetophenone	8.21	105	52282	4.937	ng	95
24) Nitrobenzene	8.57	77	41939	4.776	ng	97
25) Isophorone	9.10	82	74816	4.748	ng	98
26) 2-Nitrophenol	9.28	139	14327	4.123	ng	97
27) 2,4-Dimethylphenol	9.36	122	15171	2.765	ng	92
28) bis(2-Chloroethoxy)methane	9.59	93	43608	4.878	ng	95
29) 2,4-Dichlorophenol	9.82	162	24914	4.139	ng	94
30) 1,2,4-Trichlorobenzene	10.02	180	32716	4.957	ng	97
31) Naphthalene	10.19	128	103197	4.972	ng	99
32) Benzoic acid	9.46	122	4545m	1.115	ng	
33) 4-Chloroaniline	10.33	127	38150	4.214	ng	96
34) Hexachlorobutadiene	10.49	225	20425	4.902	ng	89
35) Caprolactam	11.10	113	9229	4.364	ng	# 80
36) 4-Chloro-3-methylphenol	11.47	107	33216	4.529	ng	100
37) 2-Methylnaphthalene	11.82	142	74981	5.070	ng	99
38) 1-Methylnaphthalene	12.05	142	73727	5.262	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	41271	5.056	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	8539	1.775	ng	93
43) 2,4,6-Trichlorophenol	12.46	196	22016	3.985	ng	97
44) 2,4,5-Trichlorophenol	12.54	196	25772	4.018	ng	96
46) 1,1'-Biphenyl	12.86	154	105487	5.247	ng	98
47) 2-Chloronaphthalene	12.90	162	76486	4.684	ng	98
48) 2-Nitroaniline	13.13	65	24731	3.821	ng	92
49) Acenaphthylene	13.76	152	120861	4.627	ng	98
50) Dimethylphthalate	13.52	163	101885	4.858	ng	99
51) 2,6-Dinitrotoluene	13.63	165	20237	4.397	ng	92
52) Acenaphthene	14.11	154	75795	4.834	ng	99
53) 3-Nitroaniline	13.97	138	16224	3.166	ng	# 92
54) 2,4-Dinitrophenol	14.20	184	4402	1.574	ng	97
55) Dibenzofuran	14.45	168	123280	4.880	ng	99
56) 4-Nitrophenol	14.32	139	8931m	2.197	ng	
57) 2,4-Dinitrotoluene	14.44	165	25843	4.038	ng	# 86
58) Fluorene	15.10	166	97314	4.742	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	24667	4.497	ng	# 99
60) Diethylphthalate	14.90	149	103738	4.856	ng	98
61) 4-Chlorophenyl-phenylether	15.11	204	52010	4.778	ng	99
62) 4-Nitroaniline	15.15	138	15265m	2.793	ng	
63) Azobenzene	15.40	77	111268	4.760	ng	98
65) 4,6-Dinitro-2-methylphenol	15.22	198	10609	2.734	ng	81
66) n-Nitrosodiphenylamine	15.33	169	85980	4.651	ng	99
67) 4-Bromophenyl-phenylether	16.00	248	32312	4.599	ng	97
68) Hexachlorobenzene	16.11	284	35834	4.888	ng	99
69) Atrazine	16.29	200	33404	6.048	ng	95
70) Pentachlorophenol	16.47	266	12660	2.868	ng	92
71) Phenanthrene	16.84	178	163813	4.929	ng	99
72) Anthracene	16.93	178	156776	4.727	ng	99
73) Carbazole	17.22	167	133930	4.258	ng	99
74) Di-n-butylphthalate	17.80	149	164827	4.444	ng	98
75) Fluoranthene	18.87	202	186682	4.900	ng	99
77) Benzidine	19.07	184	52997	4.051	ng	# 96
78) Pyrene	19.23	202	195330	4.694	ng	98
80) Butylbenzylphthalate	20.17	149	71171	4.229	ng	99
81) Benzo(a)anthracene	21.00	228	194945	5.157	ng	99
82) 3,3'-Dichlorobenzidine	20.94	252	62417	5.337	ng	98
83) Chrysene	21.04	228	187797	5.213	ng	98
84) Bis(2-ethylhexyl)phthalate	20.96	149	108603	4.526	ng	99
85) Di-n-octyl phthalate	21.80	149	173798	4.695	ng	96
87) Indeno(1,2,3-cd)pyrene	25.13	276	156420	4.514	ng	99
88) Benzo(b)fluoranthene	22.49	252	170814	4.740	ng	96
89) Benzo(k)fluoranthene	22.53	252	171876	4.909	ng	99
90) Benzo(a)pyrene	23.01	252	144688	4.521	ng	97
91) Dibenzo(a,h)anthracene	25.14	278	130912	4.525	ng	100
92) Benzo(g,h,i)perylene	25.75	276	128858	4.681	ng	98

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

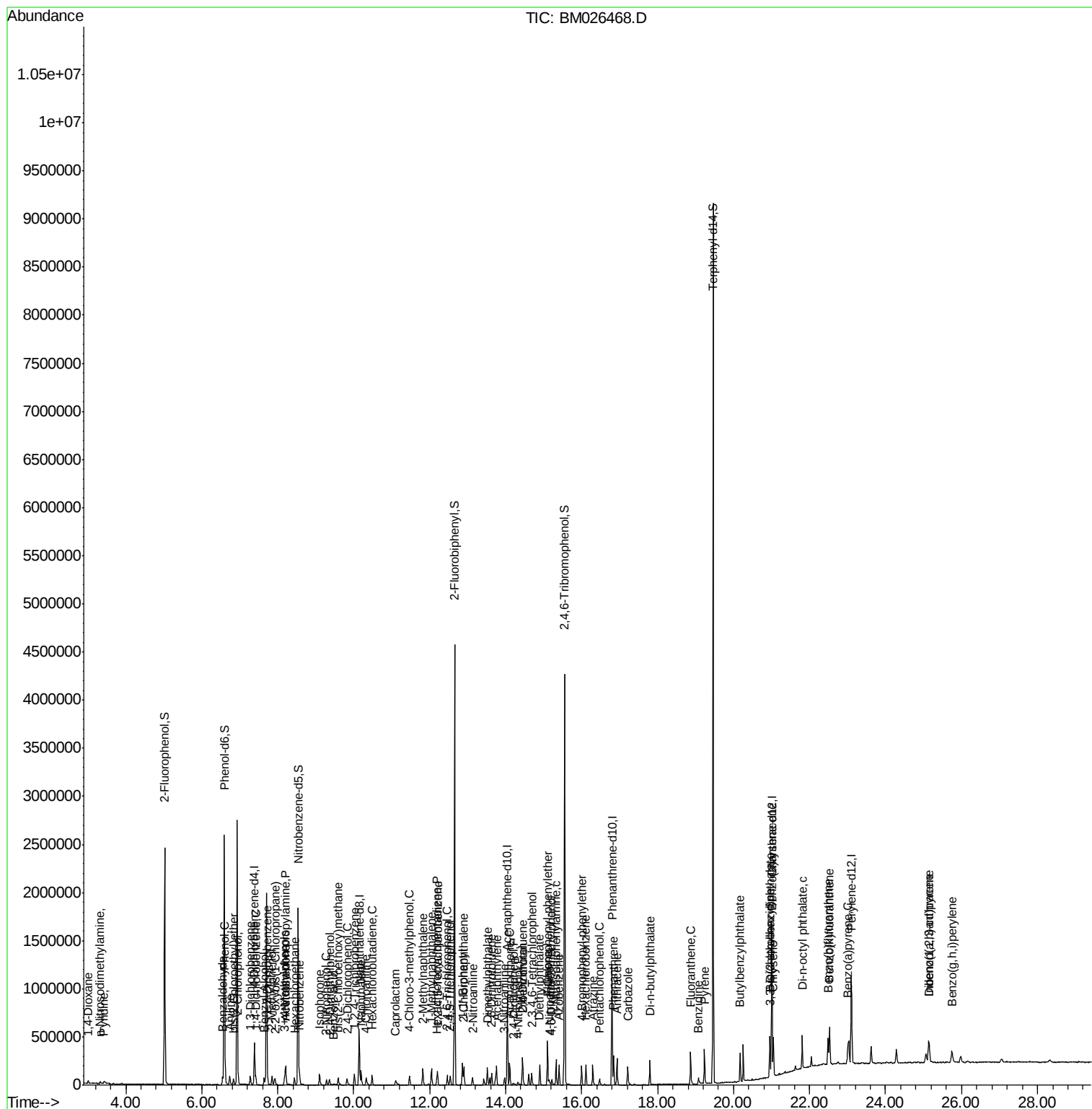
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
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ALS Vial : 8 Sample Multiplier: 1

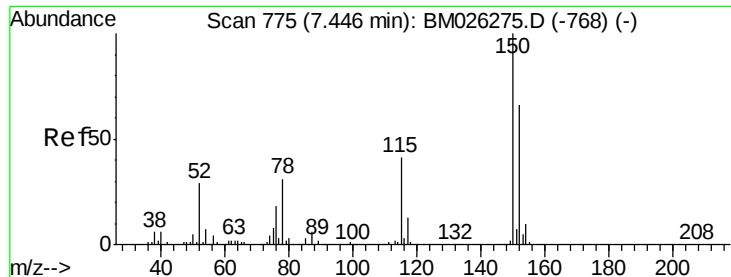
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

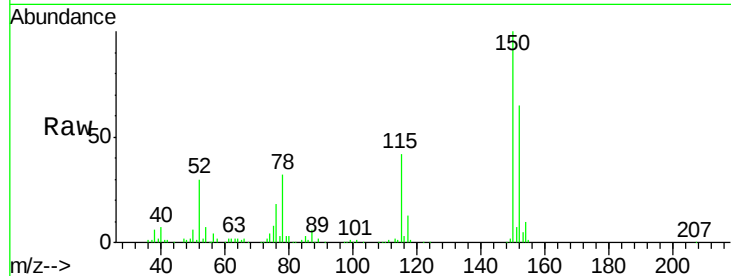
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

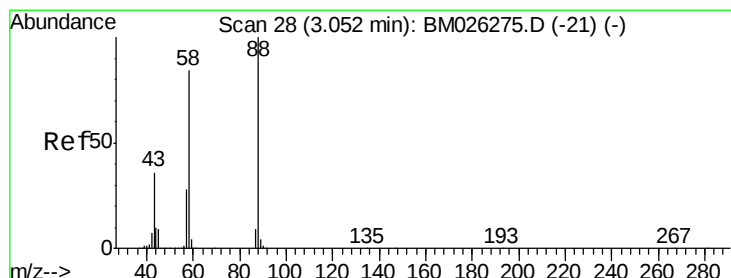
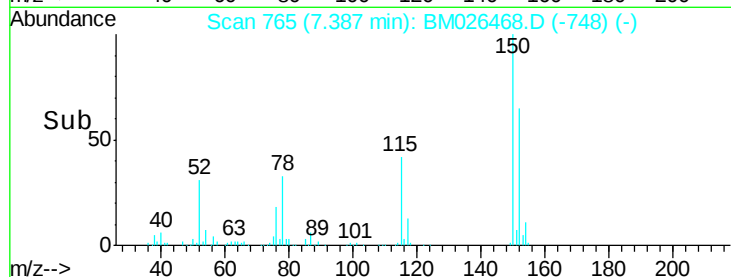
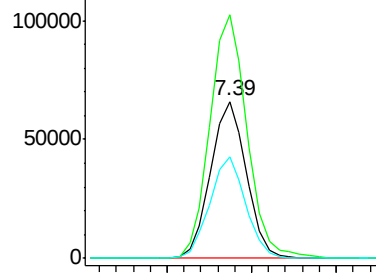
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.8	191.6
115	64.7	51.5	77.3

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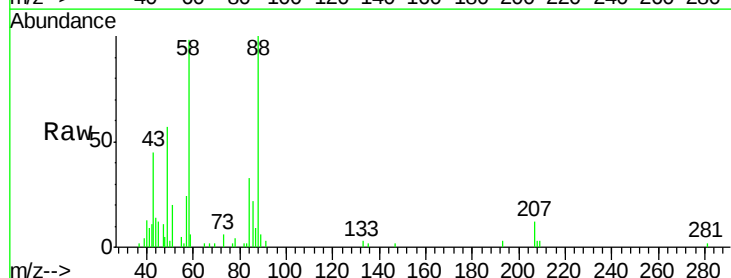
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



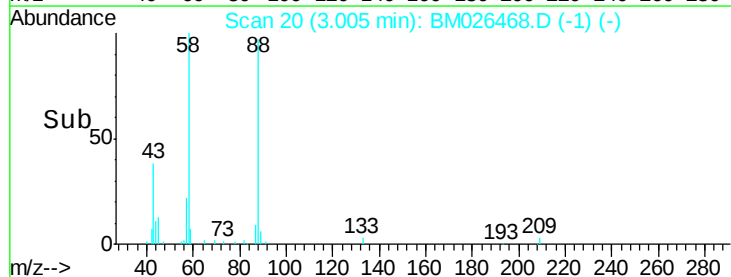
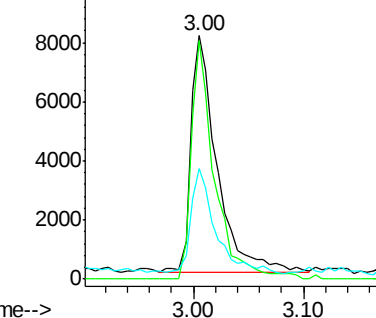
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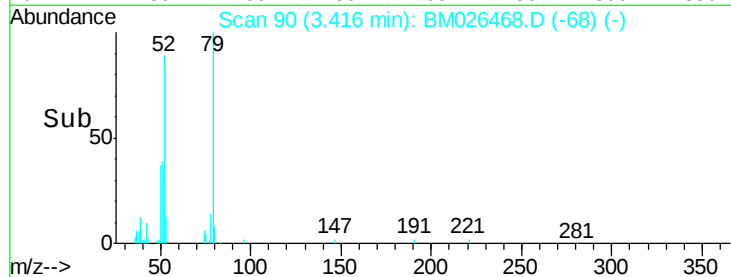
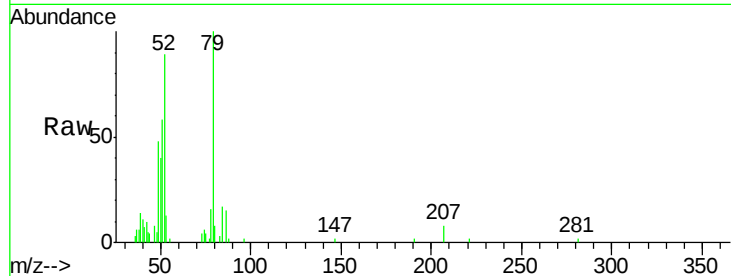
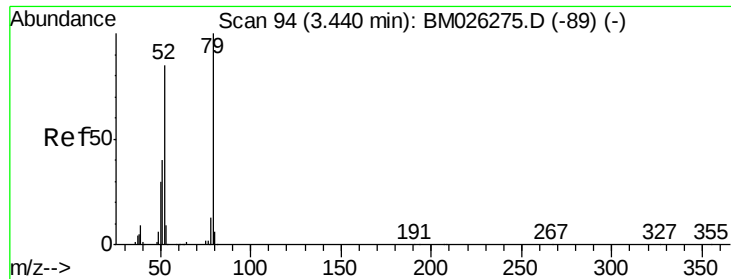
1,4-Dioxane
Concen: 5.292 ng
RT: 3.00 min Scan# 20
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.9	67.7	101.5
43	41.8	28.0	42.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





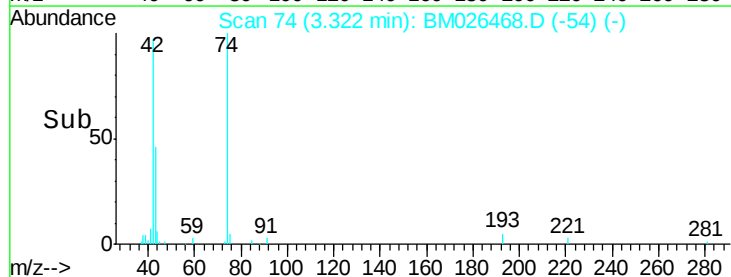
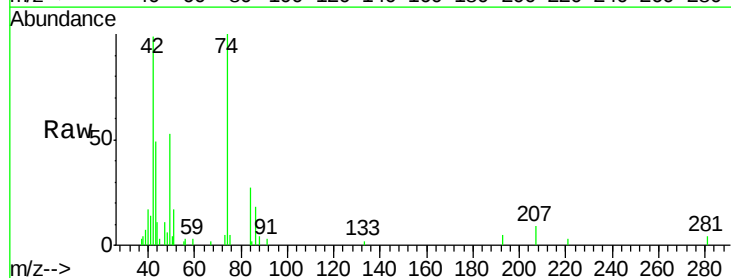
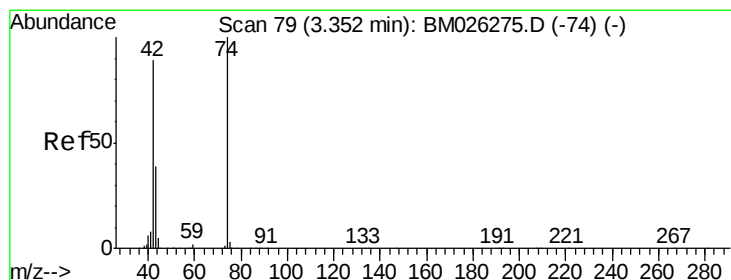
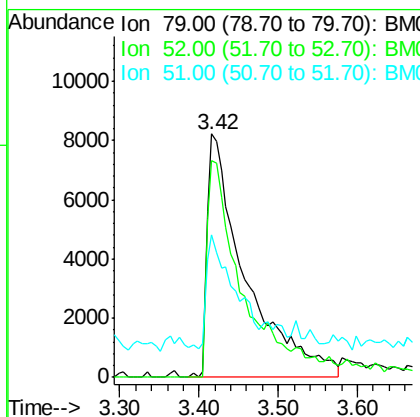
#3
 Pvridine
 Concen: 3.781 ng
 RT: 3.42 min Scan# 90
 Delta R.T. 0.03 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		27513		
52	88.8	67.4	101.2		
51	58.5	33.0	49.6#		

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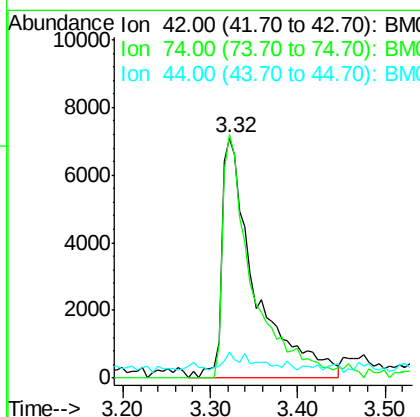
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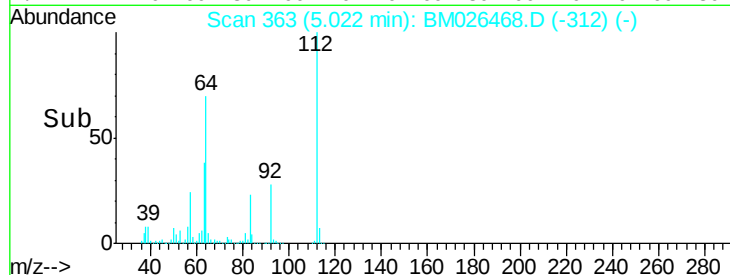
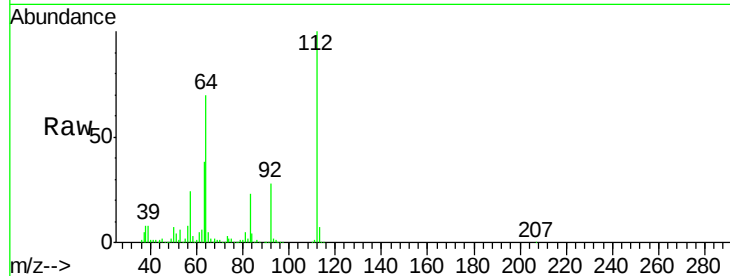
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#4
 n-Nitrosodimethylamine
 Concen: 5.191 ng
 RT: 3.32 min Scan# 74
 Delta R.T. 0.02 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		18706		
74	101.3	95.4	143.2		
44	10.8	5.9	8.9#		





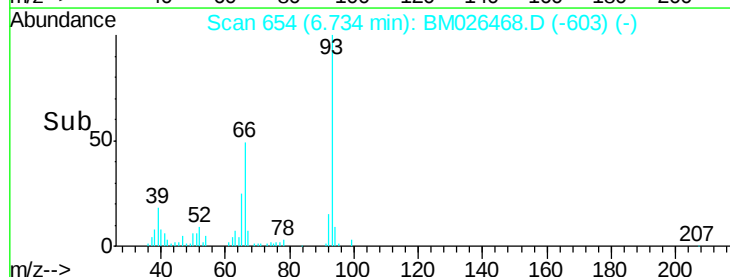
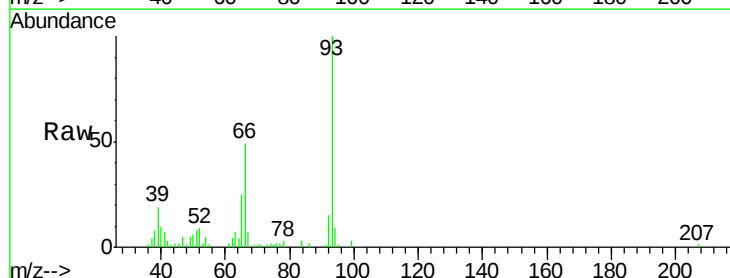
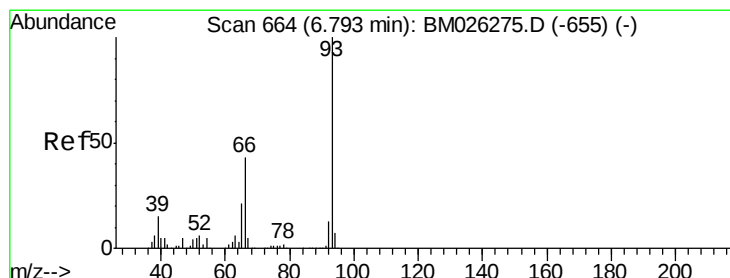
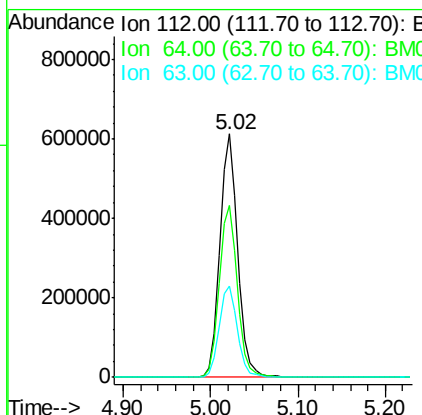
#5
2-Fluorophenol
Concen: 157.868 ng
RT: 5.02 min Scan# 363
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tot Ion	Ratio	Resp	Lower	Upper
112	100	867587		
64	70.4	56.0	84.0	
63	37.5	29.0	43.6	

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

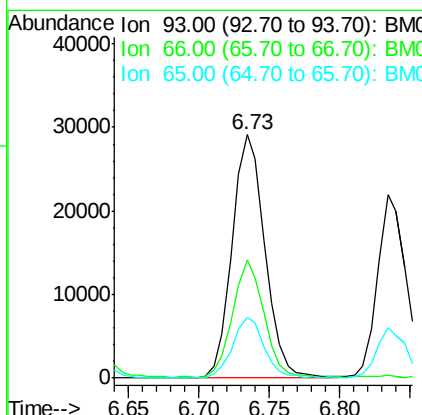
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#6
Aniline
Concen: 4.530 ng
RT: 6.73 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	47282		
66	48.7	34.1	51.1	
65	25.1	17.5	26.3	





#7

Phenol-d6

Concen: 159.911 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 99 Resp: 1272570

Ion Ratio Lower Upper

99 100

42 24.4 17.8 26.6

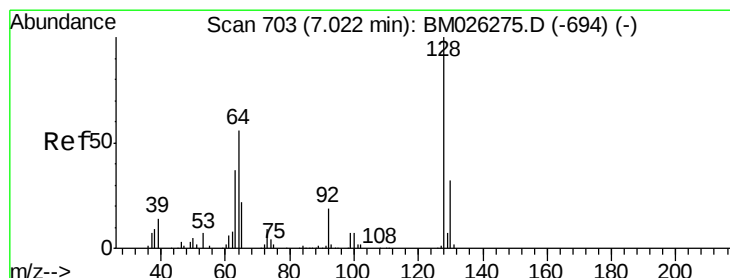
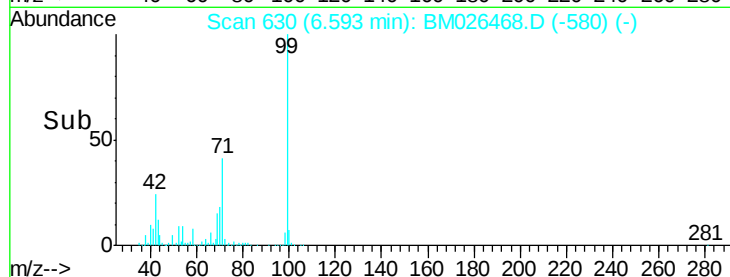
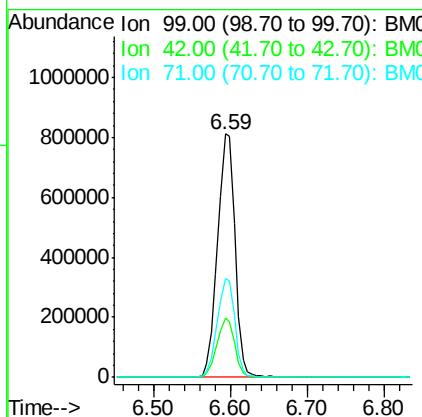
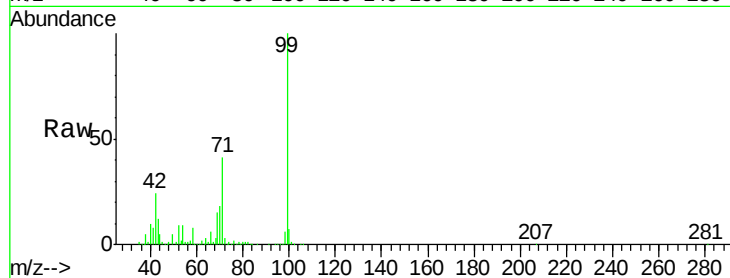
71 40.9 31.0 46.4

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#8

2-Chlorophenol

Concen: 4.677 ng

RT: 6.96 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

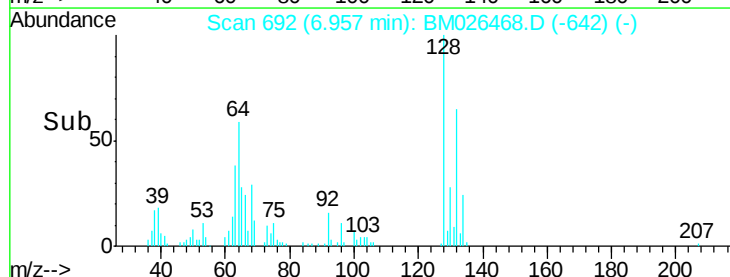
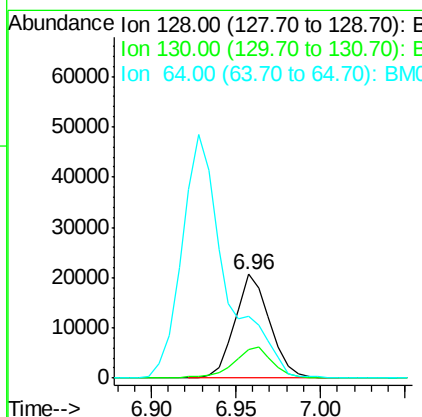
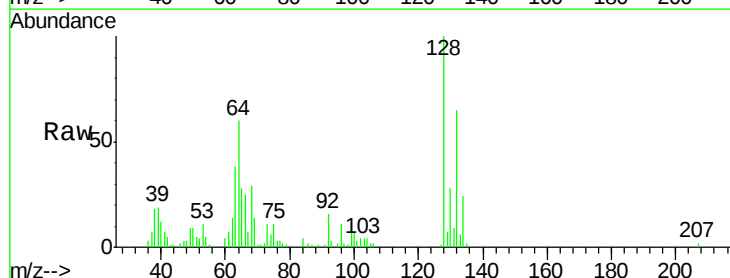
Tgt Ion: 128 Resp: 29648

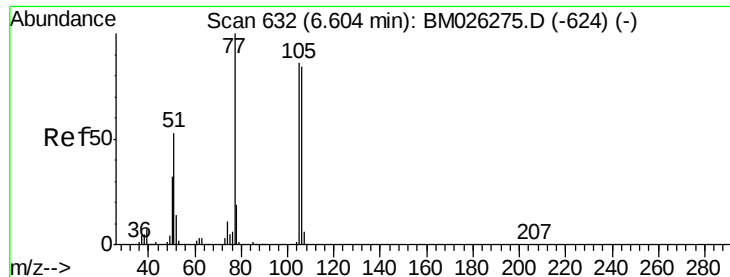
Ion Ratio Lower Upper

128 100

130 28.2 12.3 52.3

64 59.9 36.4 76.4





#9

Benzaldehyde

Concen: 6.659 ng

RT: 6.55 min Scan# 622

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 77 Resp: 33789

Ion Ratio Lower Upper

77 100

105 87.4 71.5 111.5

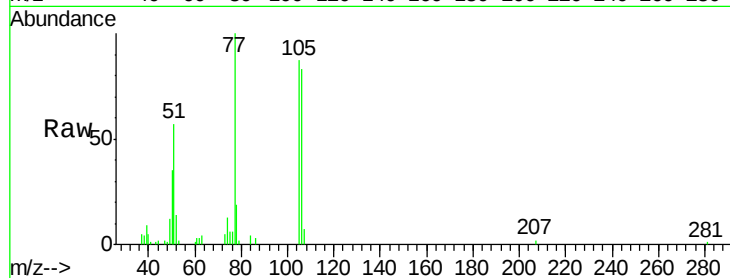
106 82.6 64.7 104.7

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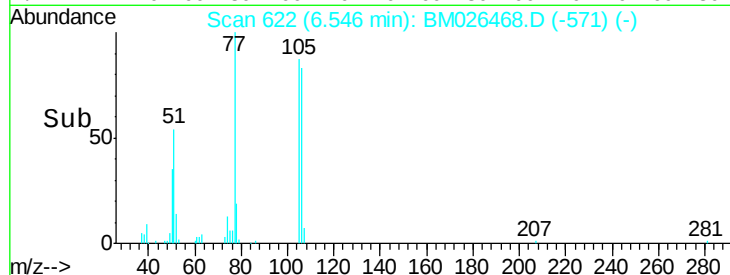


Abundance Ion 77.00 (76.70 to 77.70): BM026468.D (-571) (-)

Ion 105.00 (104.70 to 105.70): BM026468.D (-571) (-)

Ion 106.00 (105.70 to 106.70): BM026468.D (-571) (-)

Time-->



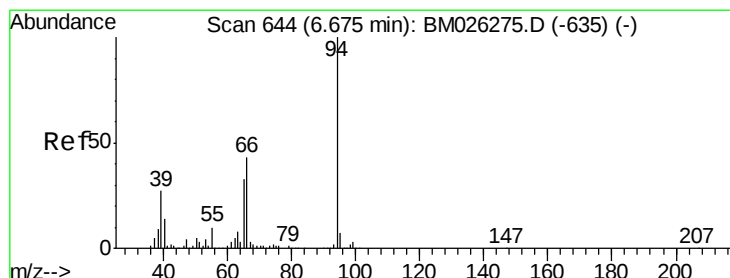
Abundance

Ion 77.00 (76.70 to 77.70): BM026468.D (-571) (-)

Ion 105.00 (104.70 to 105.70): BM026468.D (-571) (-)

Ion 106.00 (105.70 to 106.70): BM026468.D (-571) (-)

Time-->



#10

Phenol

Concen: 4.635 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

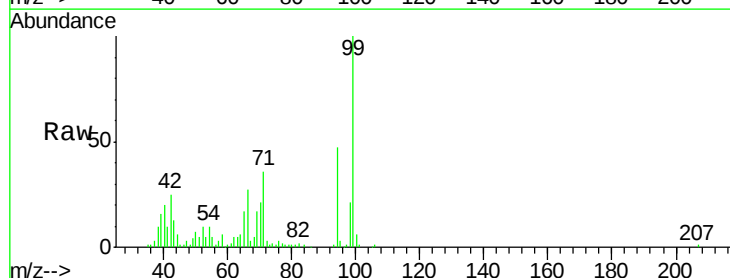
Tgt Ion: 94 Resp: 39281

Ion Ratio Lower Upper

94 100

65 37.4 11.4 51.4

66 57.2 21.7 61.7

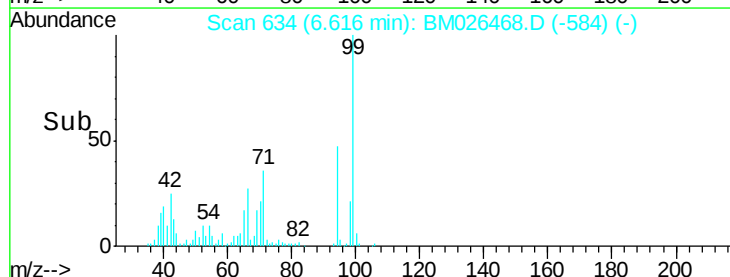


Abundance Ion 94.00 (93.70 to 94.70): BM026468.D (-584) (-)

Ion 65.00 (64.70 to 65.70): BM026468.D (-584) (-)

Ion 66.00 (65.70 to 66.70): BM026468.D (-584) (-)

Time-->



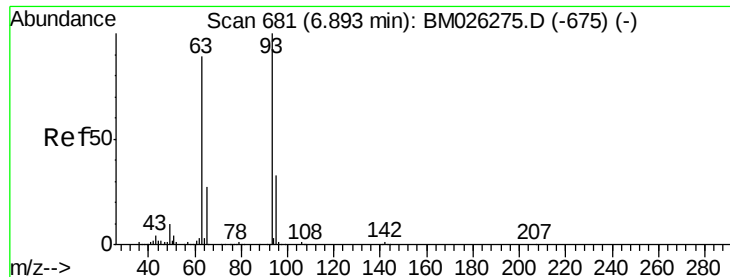
Abundance

Ion 94.00 (93.70 to 94.70): BM026468.D (-584) (-)

Ion 65.00 (64.70 to 65.70): BM026468.D (-584) (-)

Ion 66.00 (65.70 to 66.70): BM026468.D (-584) (-)

Time-->



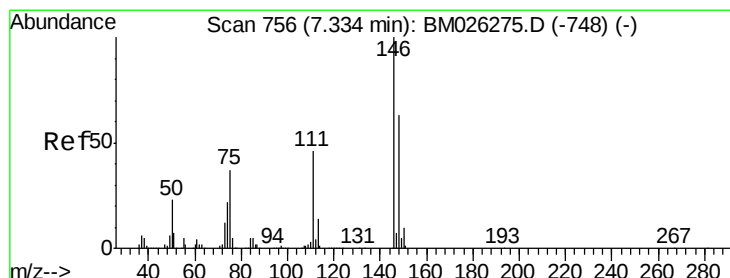
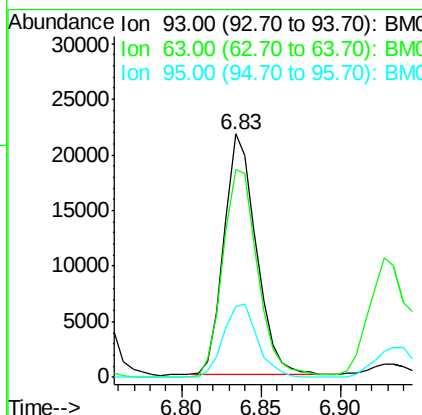
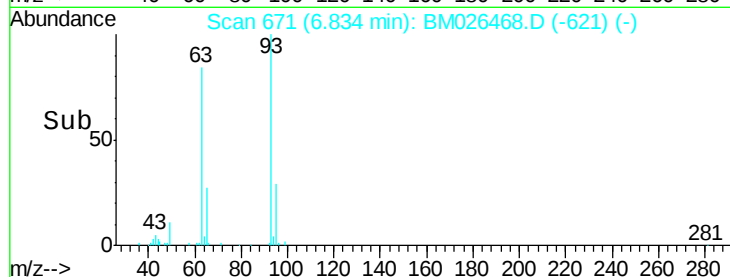
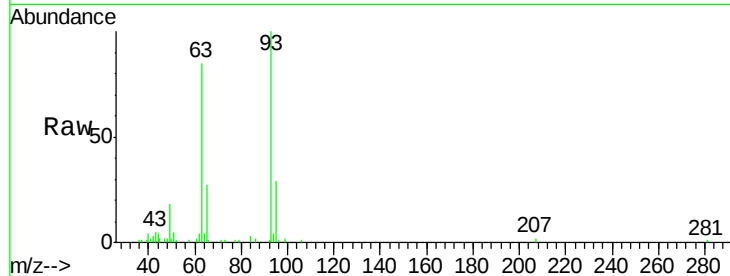
#11
bis(2-Chloroethyl)ether
Concen: 4.511 ng
RT: 6.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
93	100	30795		
63	85.4		66.7	106.7
95	29.2		14.5	54.5

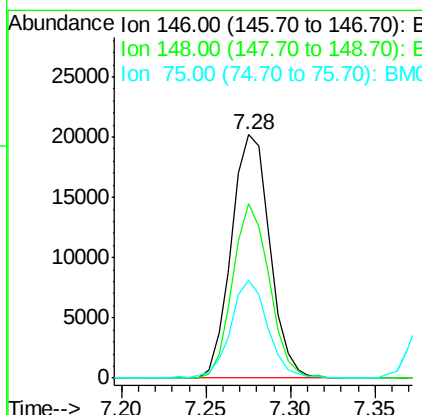
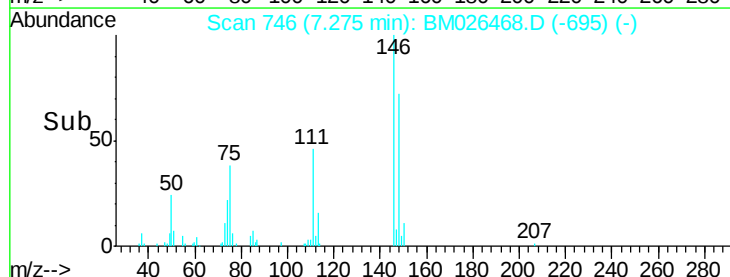
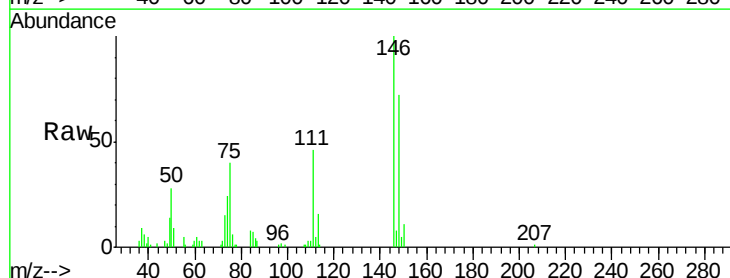
Manual Integrations
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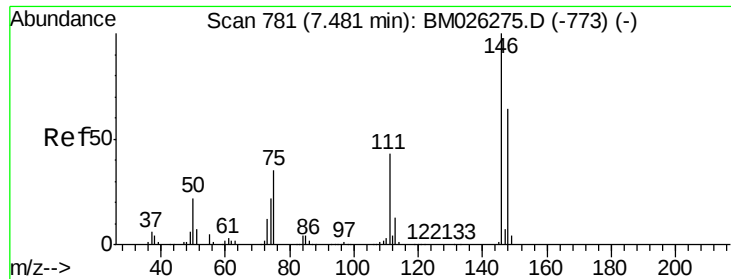
mohammad
6/22/2020 3:23:20 PM



#12
1,3-Dichlorobenzene
Concen: 4.566 ng
RT: 7.28 min Scan# 746
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	32047		
148	71.6		50.3	75.5
75	39.9		29.0	43.6





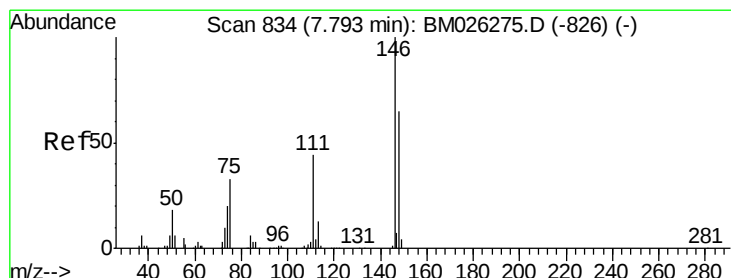
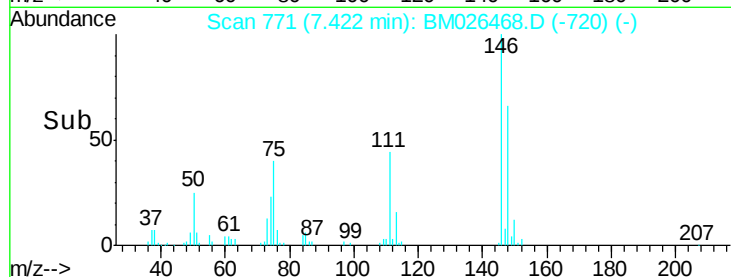
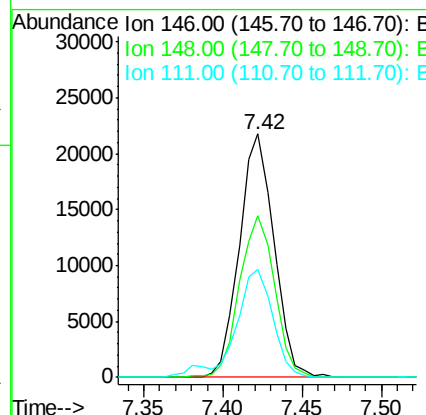
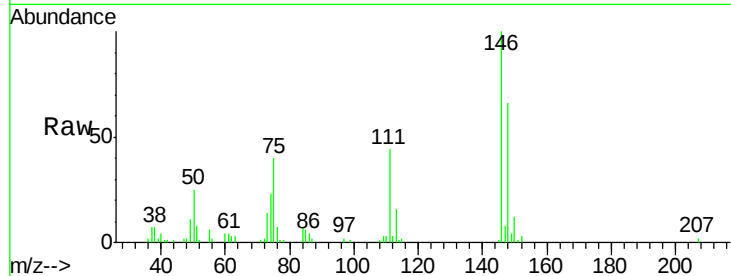
#13
 1,4-Dichlorobenzene
 Concen: 4.622 ng
 RT: 7.42 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.2	78.2
111	44.5	34.9	52.3

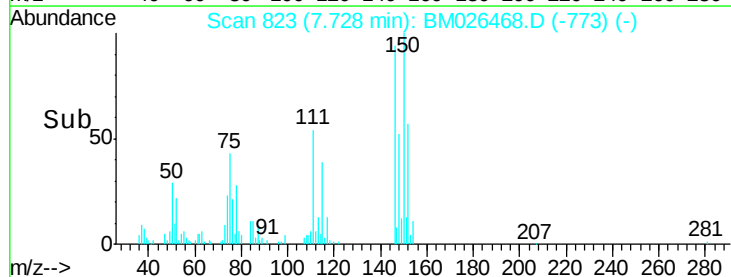
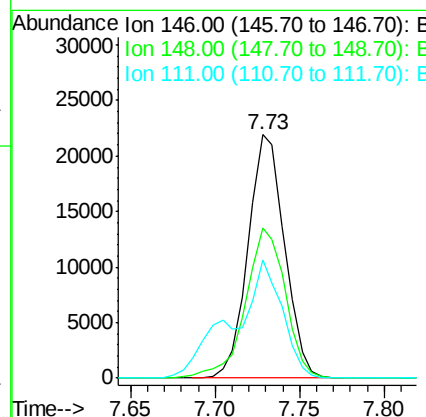
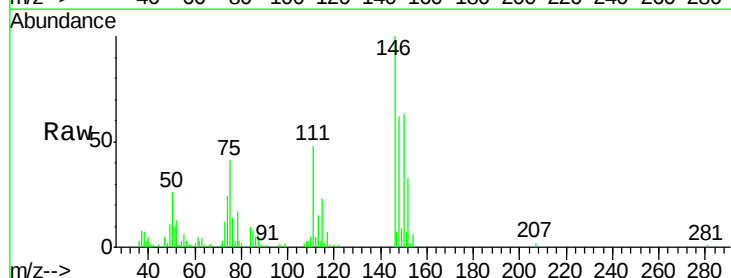
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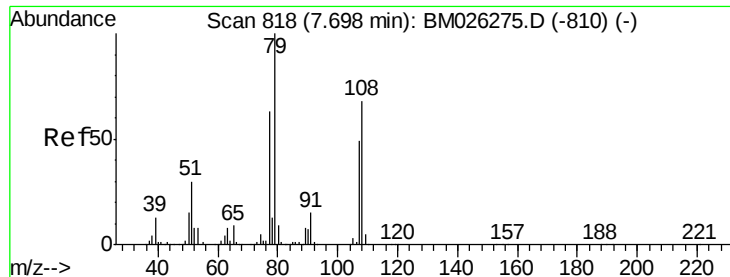
mohammad
 6/22/2020 3:23:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 4.719 ng
 RT: 7.73 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.8	76.2
111	48.4	35.4	53.0





#15

Benzyl Alcohol

Concen: 4.086 ng

RT: 7.64 min Scan# 808

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

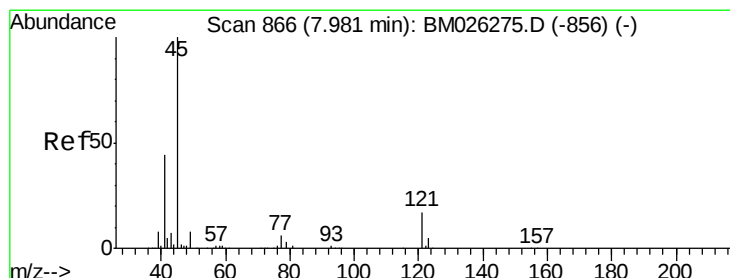
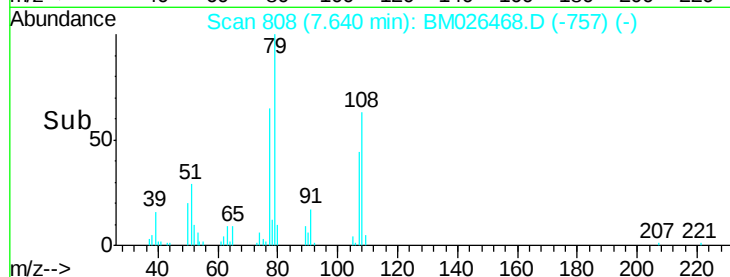
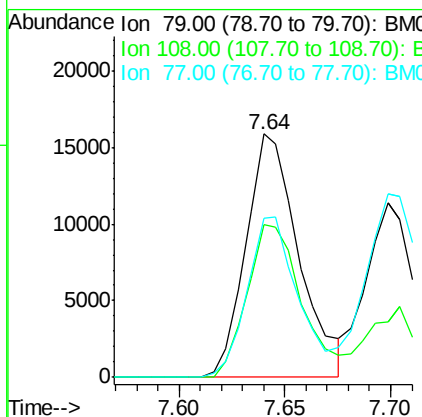
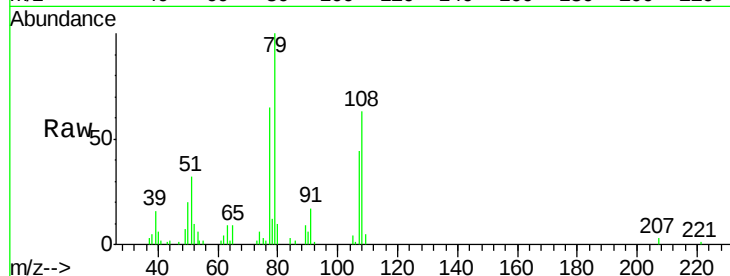
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	79	Resp:	27615
Ion Ratio	Lower	Upper	
79	100		
108	62.5	54.6	82.0
77	65.2	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 4.882 ng

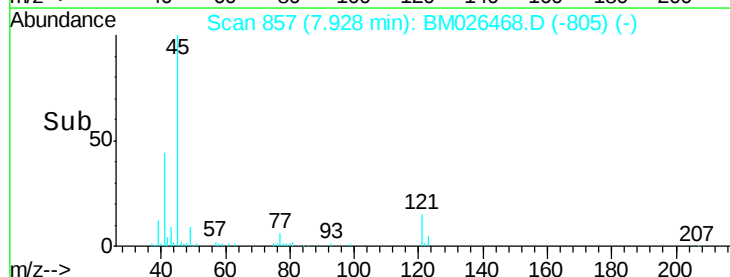
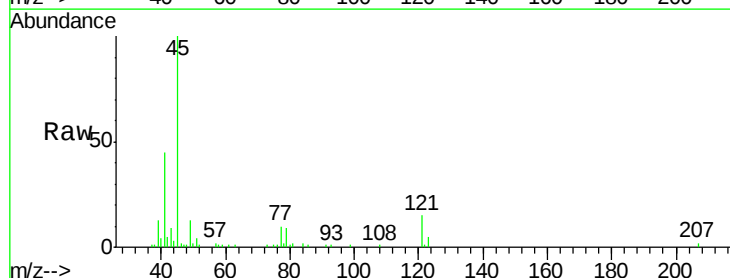
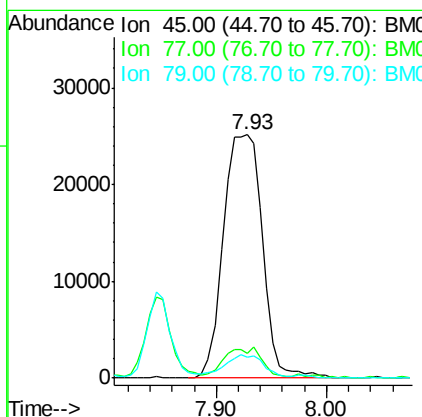
RT: 7.93 min Scan# 857

Delta R.T. 0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion:	45	Resp:	62242
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	31.8
79	8.8	0.0	28.9





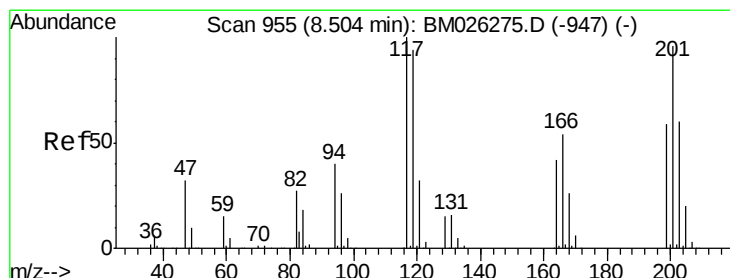
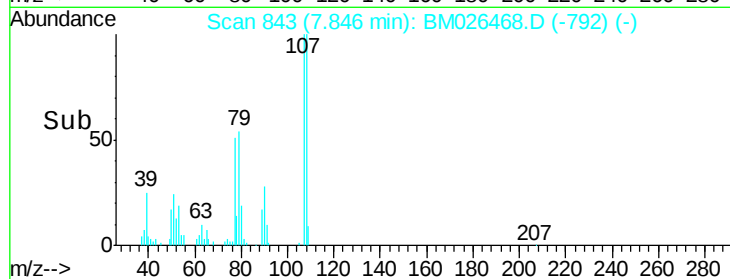
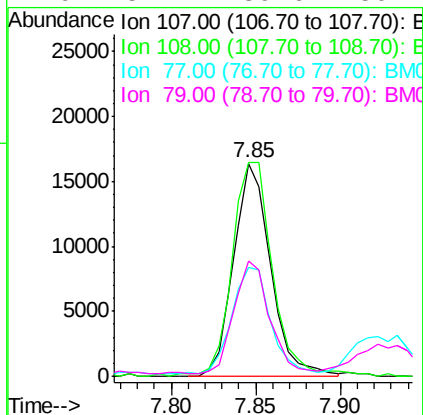
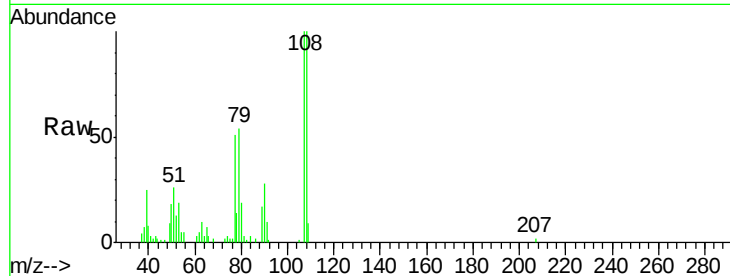
#17
2-Methylphenol
Concen: 4.031 ng
RT: 7.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	100.2	88.5	132.7	
77	51.0	40.6	60.8	
79	54.2	39.6	59.4	

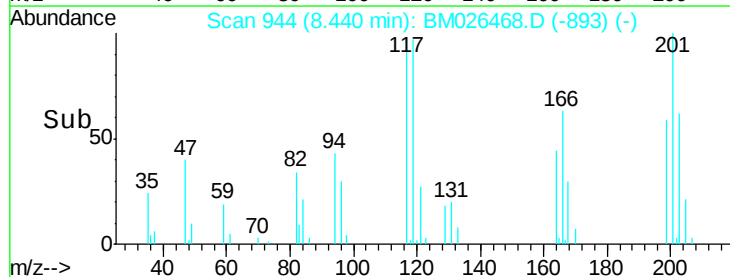
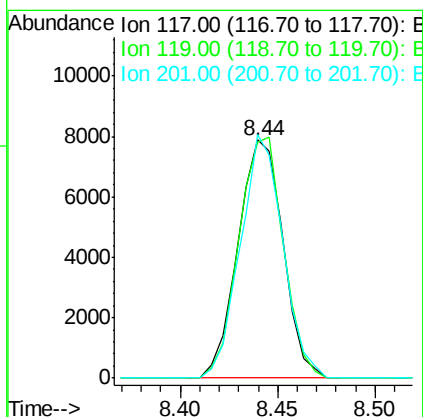
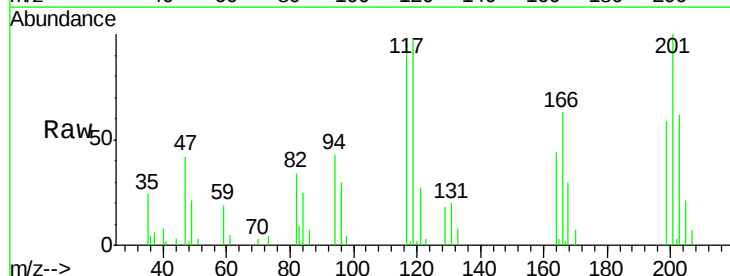
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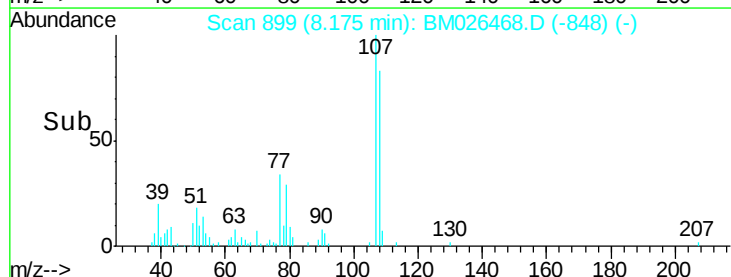
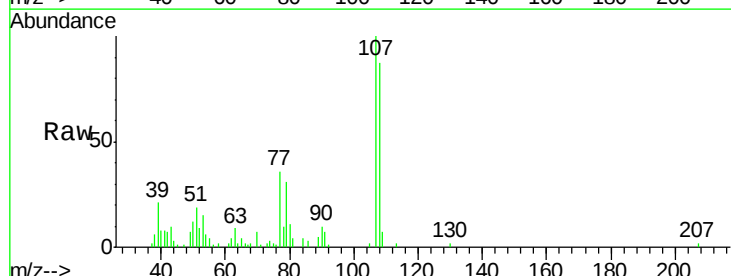
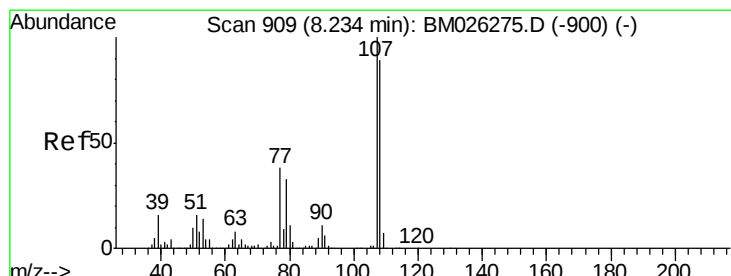
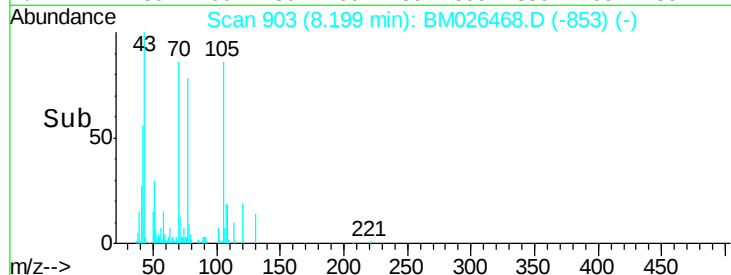
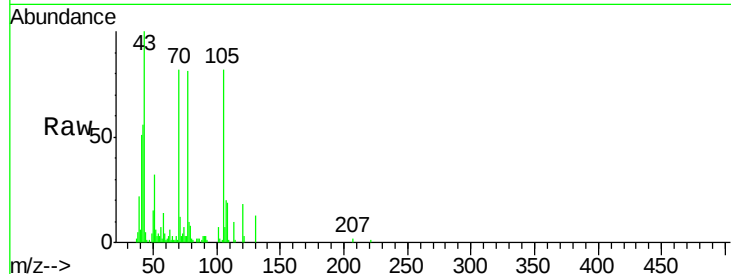
mohammad
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#18
Hexachloroethane
Concen: 4.641 ng
RT: 8.44 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

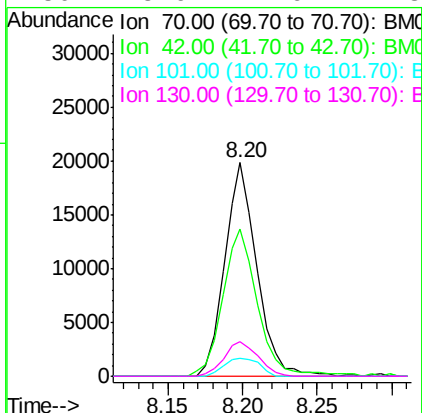
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	77.8	116.6	
201	102.1	79.9	119.9	





#19
n-Nitroso-di-n-propylamine
Concen: 4.806 ng
RT: 8.20 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.9	52.2	78.4
101	8.4	7.0	10.6
130	15.9	14.9	22.3



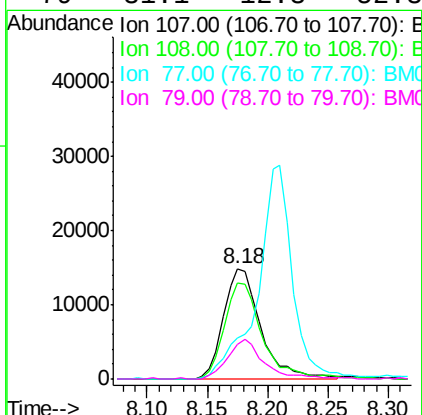
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

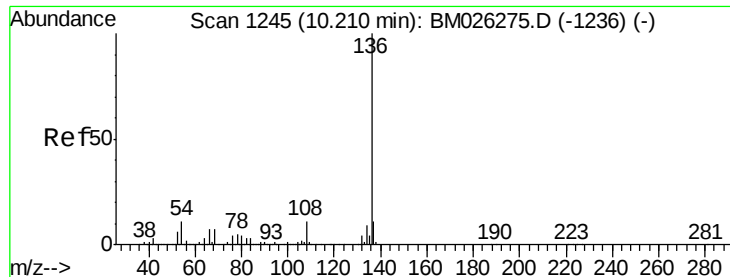
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#20
3+4-Methylphenols
Concen: 3.763 ng
RT: 8.18 min Scan# 899
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.4	110.4
77	36.5	17.3	57.3
79	31.1	12.3	52.3





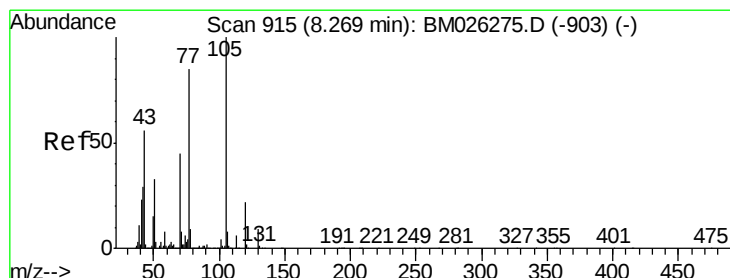
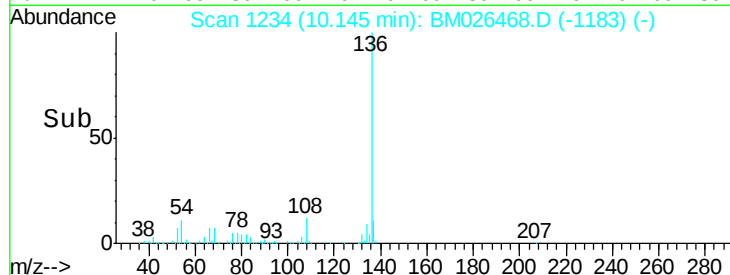
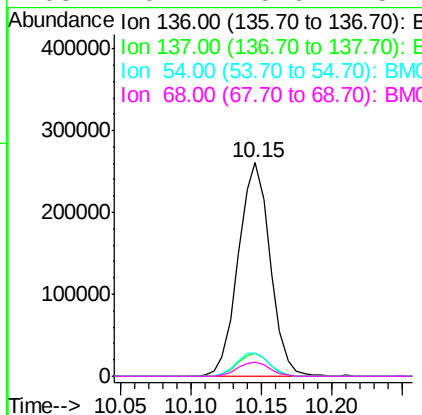
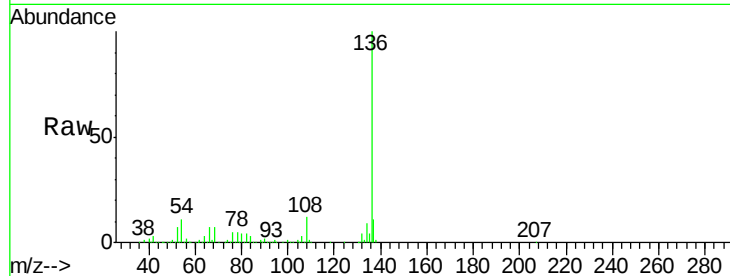
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	10.9	9.0	13.6	
68	6.7	5.6	8.4	

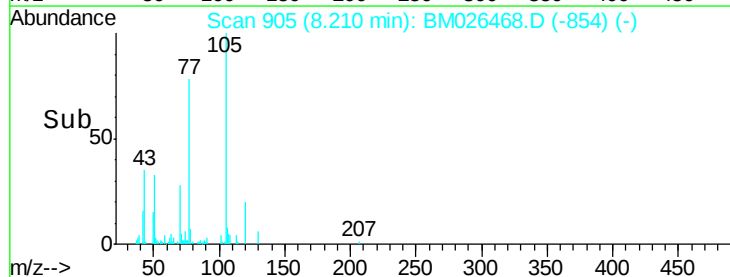
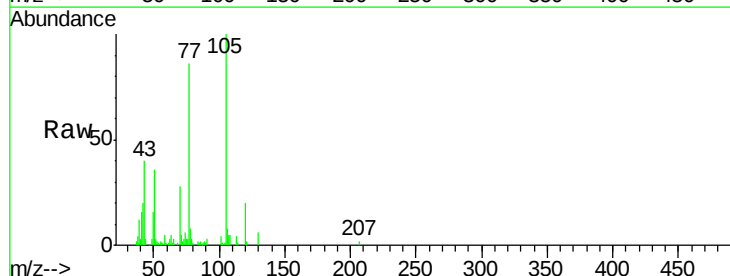
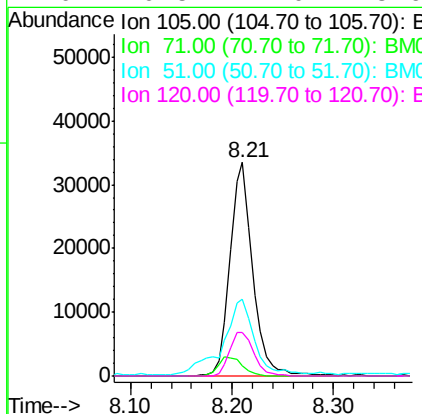
Manual Integrations
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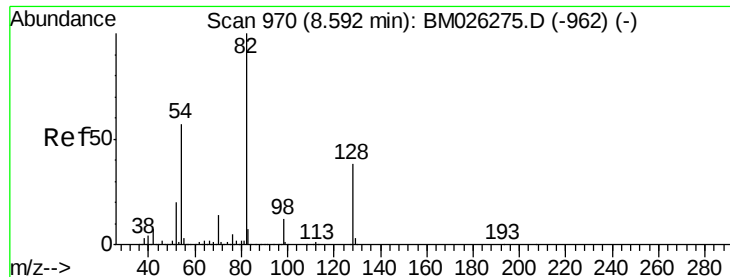
mohammad
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#22
Acetophenone
Concen: 4.937 ng
RT: 8.21 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.5	6.7	
51	35.8	25.2	37.8	
120	20.5	17.0	25.6	





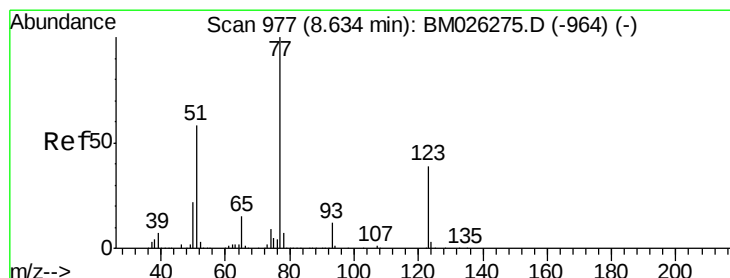
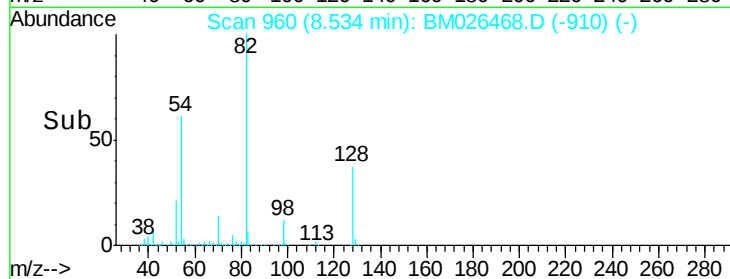
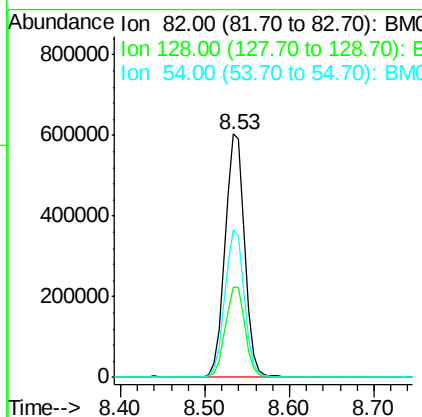
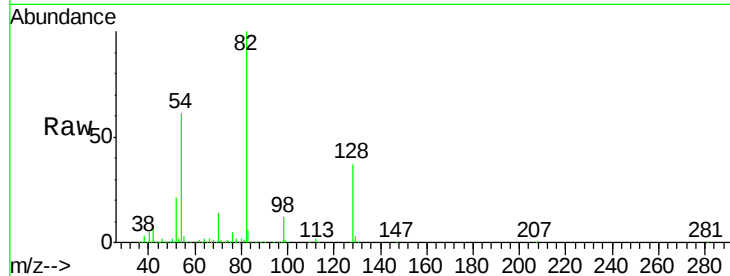
#23
 Nitrobenzene-d5
 Concen: 114.634 ng
 RT: 8.53 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	961549		
128	37.0		31.0	46.6
54	60.6		45.4	68.2

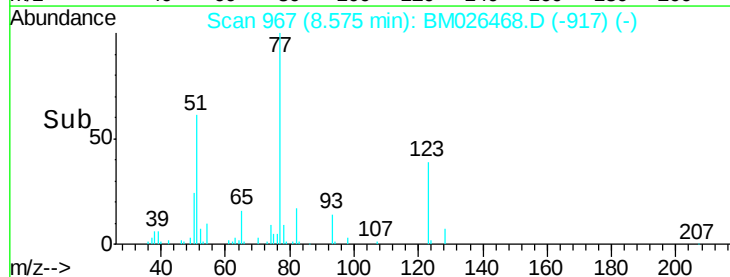
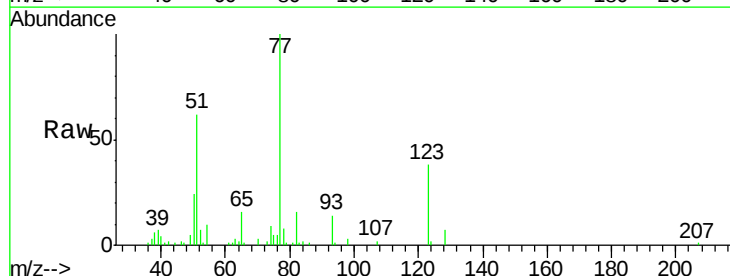
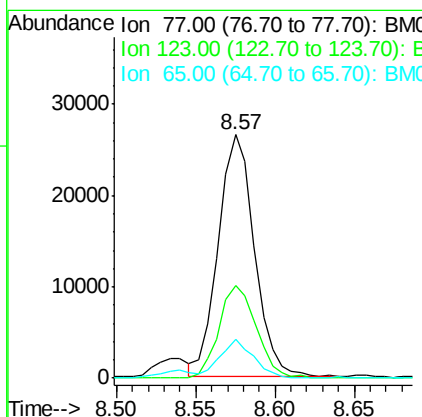
Manual Integrations
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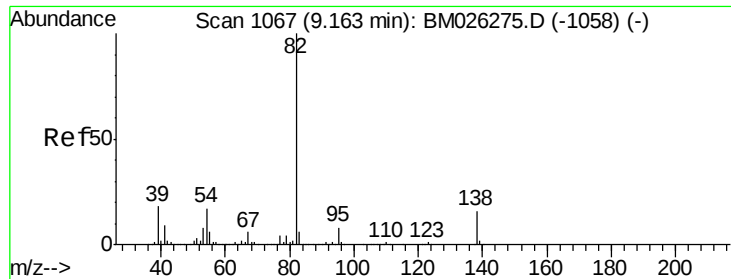
mohammad
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#24
 Nitrobenzene
 Concen: 4.776 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	41939		
123	38.2		32.0	48.0
65	15.8		11.8	17.8





#25

Isophorone

Concen: 4.748 ng

RT: 9.10 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

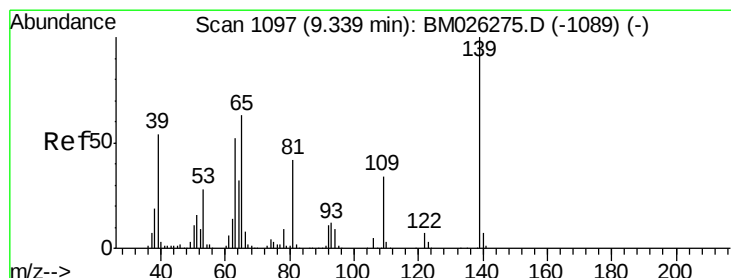
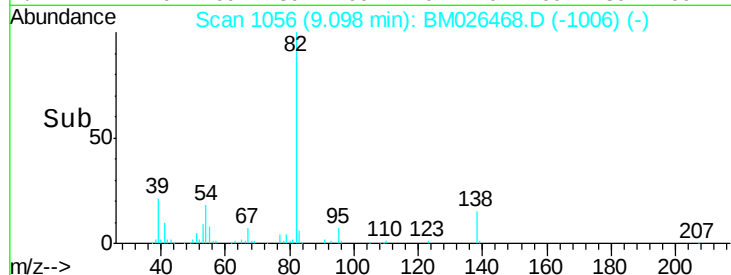
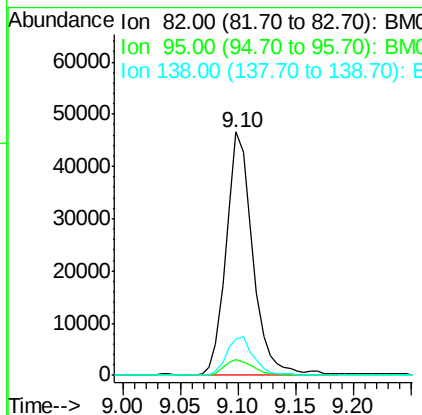
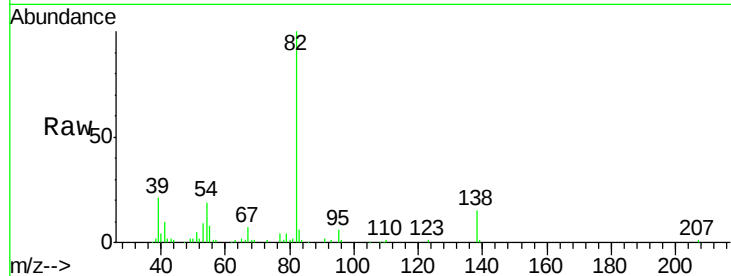
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	82	Resp:	74816
Ion	Ratio	Lower	Upper
82	100		
95	6.5	6.0	9.0
138	15.1	12.7	19.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 4.123 ng

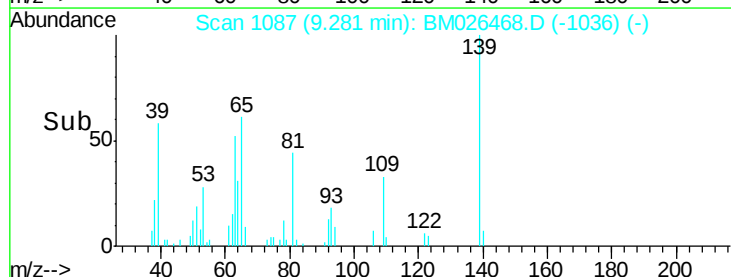
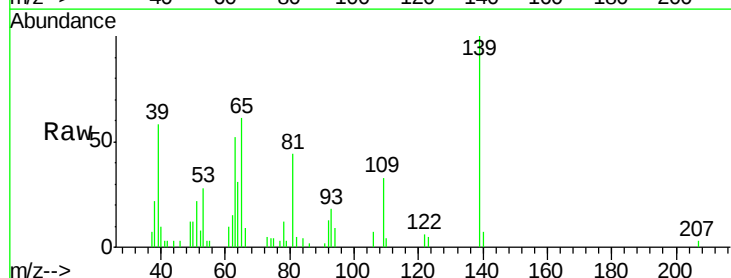
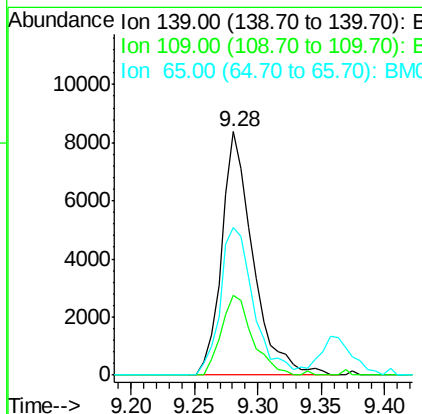
RT: 9.28 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion:	139	Resp:	14327
Ion	Ratio	Lower	Upper
139	100		
109	33.0	25.2	37.8
65	60.7	47.1	70.7





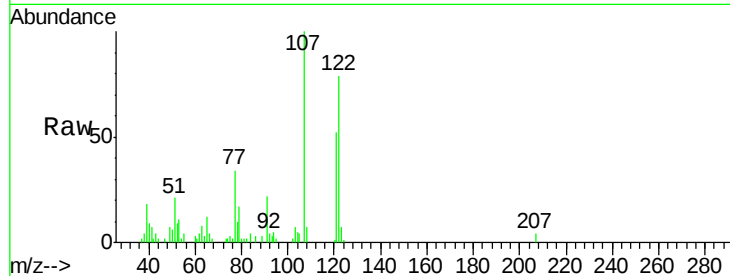
#27
 2,4-Dimethylphenol
 Concen: 2.765 ng
 RT: 9.36 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.7	96.1	144.1
121	66.4	46.0	69.0

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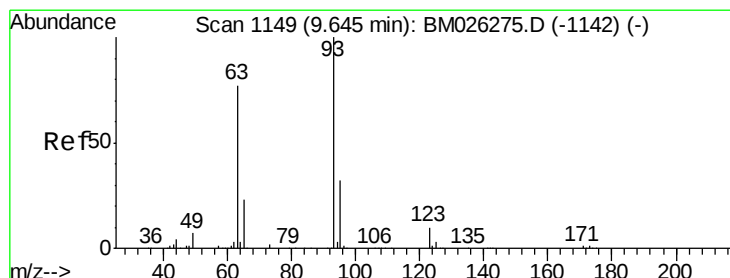
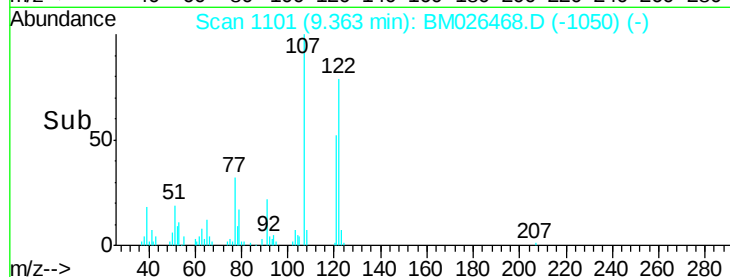
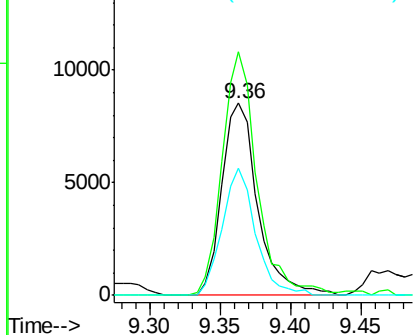


Abundance

Ion 122.00 (121.70 to 122.70): E

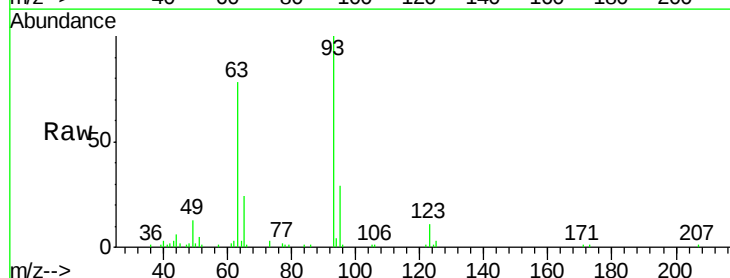
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.878 ng
 RT: 9.59 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	25.9	38.9
123	10.8	8.9	13.3

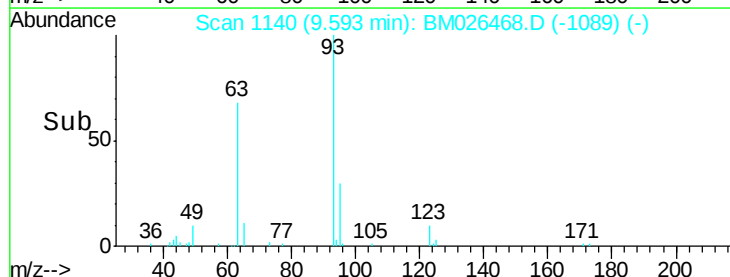
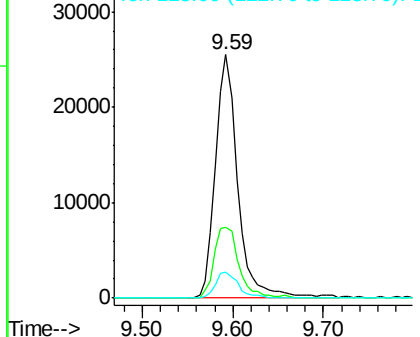


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





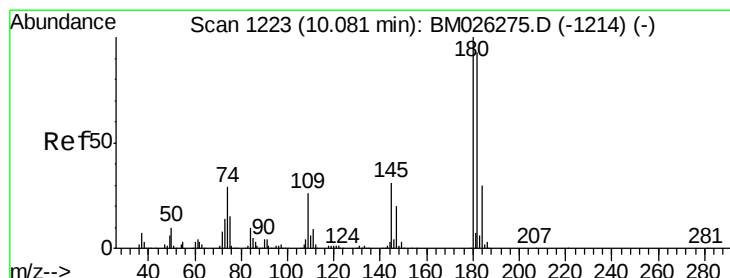
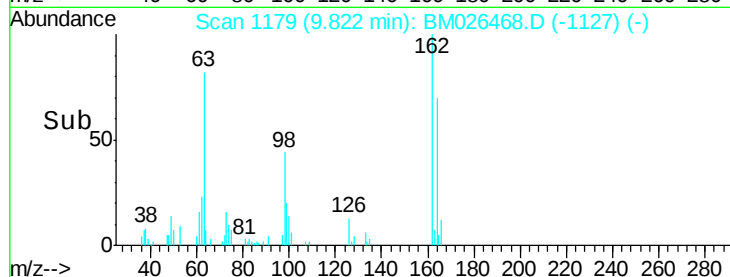
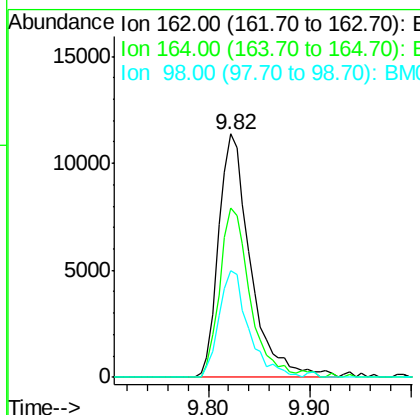
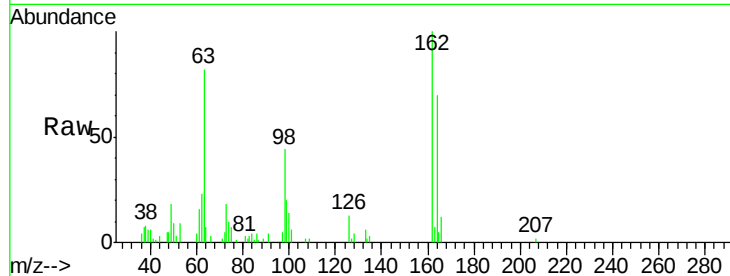
#29
 2,4-Dichlorophenol
 Concen: 4.139 ng
 RT: 9.82 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	24914		
164	69.8	46.2	86.2	
98	43.9	19.0	59.0	

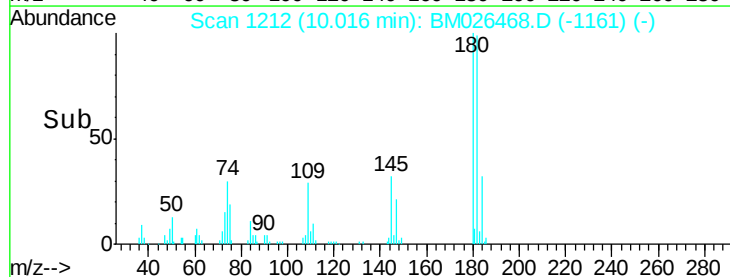
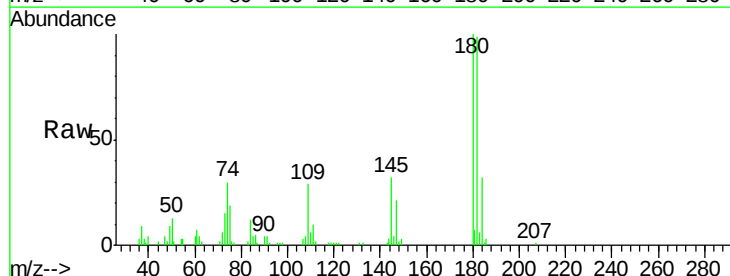
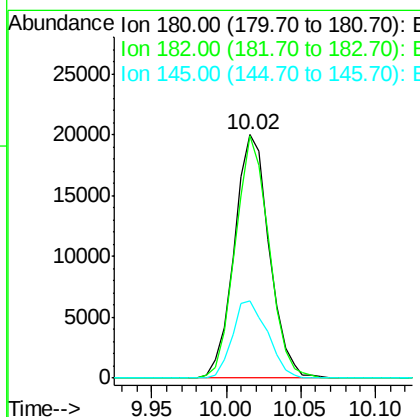
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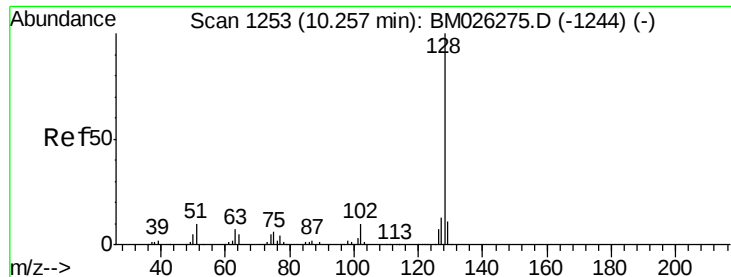
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#30
 1,2,4-Trichlorobenzene
 Concen: 4.957 ng
 RT: 10.02 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	32716		
182	99.4	77.3	115.9	
145	31.7	26.6	40.0	





#31

Naphthalene

Concen: 4.972 ng

RT: 10.19 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

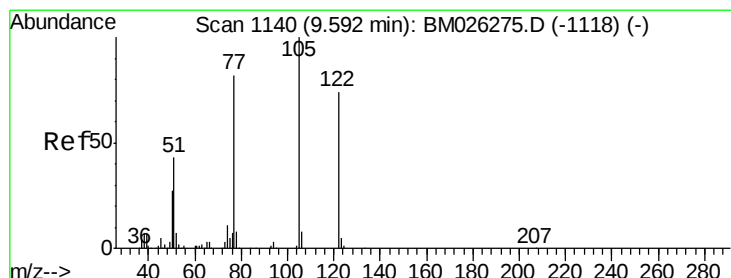
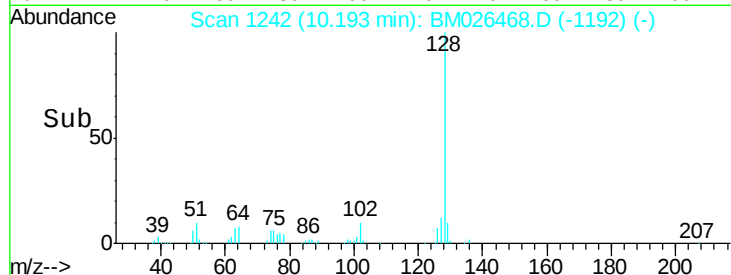
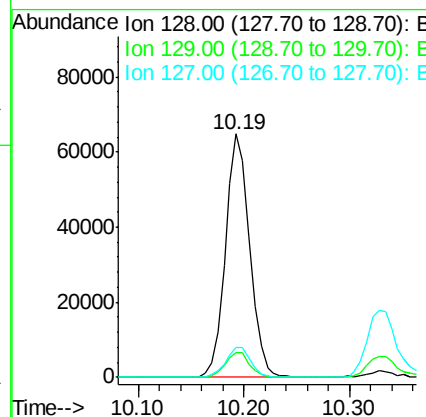
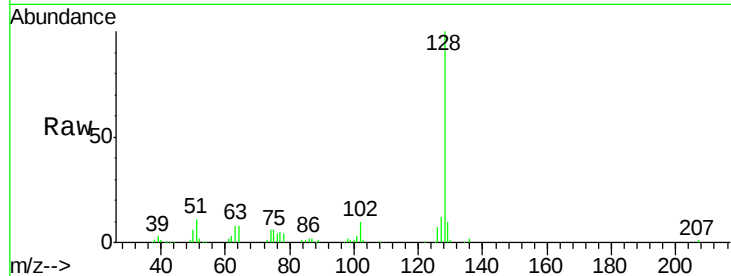
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	128	Resp:	103197
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.4	12.6
127	12.1	10.2	15.4

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#32

Benzoic acid

Concen: 1.115 ng m

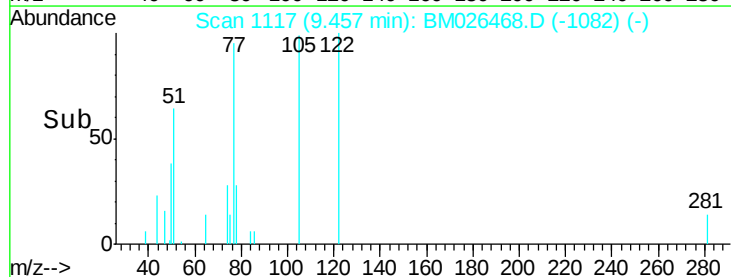
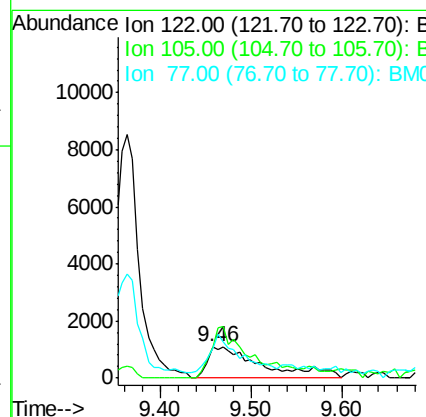
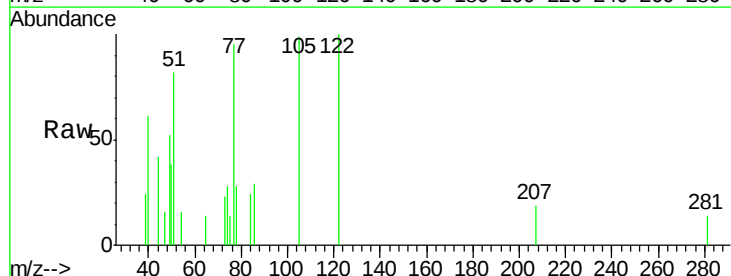
RT: 9.46 min Scan# 1117

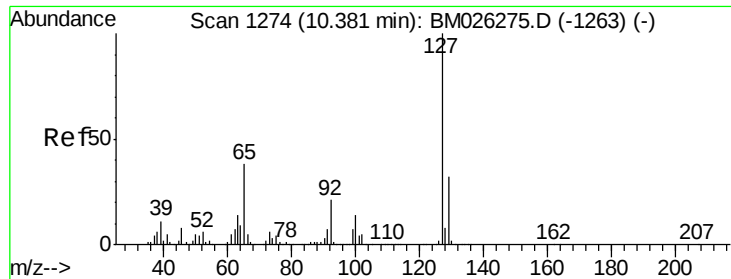
Delta R.T. -0.09 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion:	122	Resp:	4545
Ion Ratio	Lower	Upper	
122	100		
105	99.1	108.9	148.9#
77	95.0	90.1	130.1





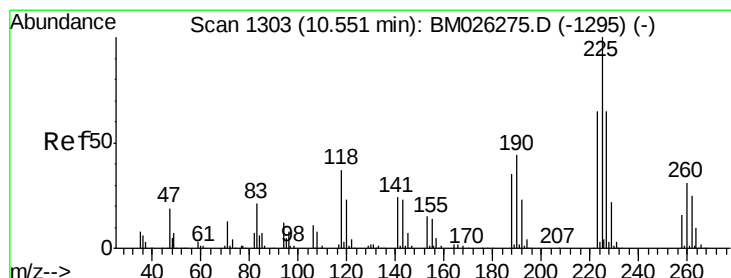
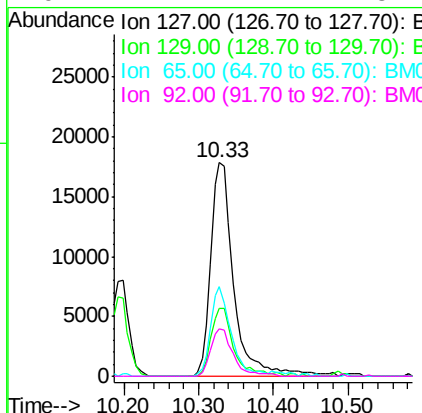
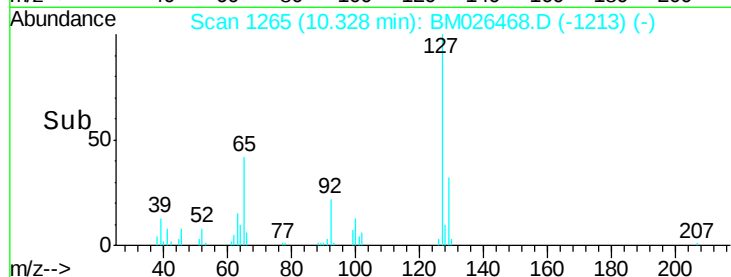
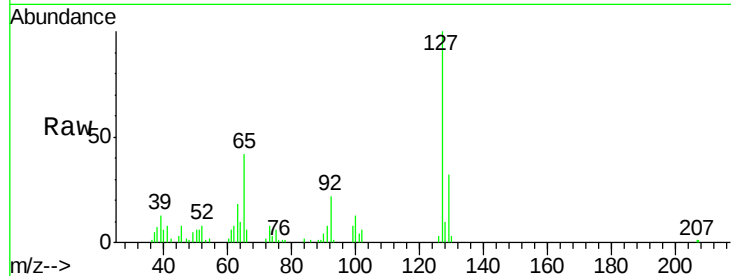
#33
4-Chloroaniline
Concen: 4.214 ng
RT: 10.33 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		38150		
129	32.0	25.3	37.9		
65	41.8	30.0	45.0		
92	22.2	17.1	25.7		

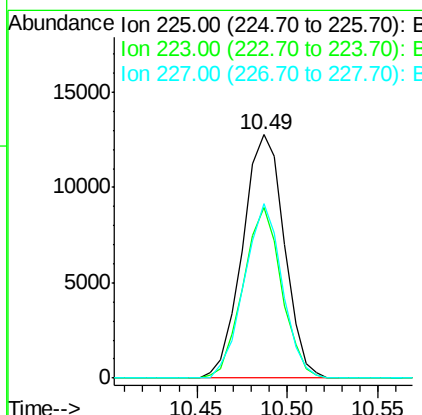
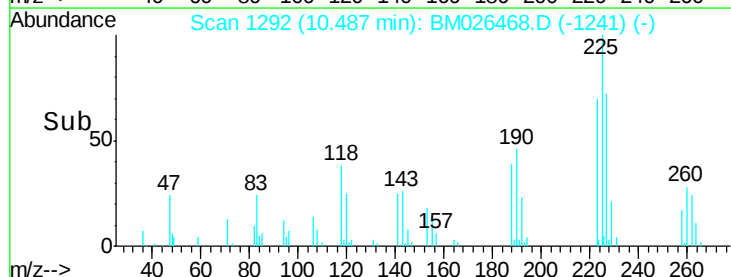
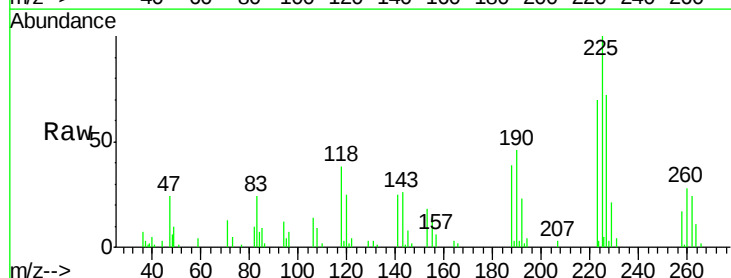
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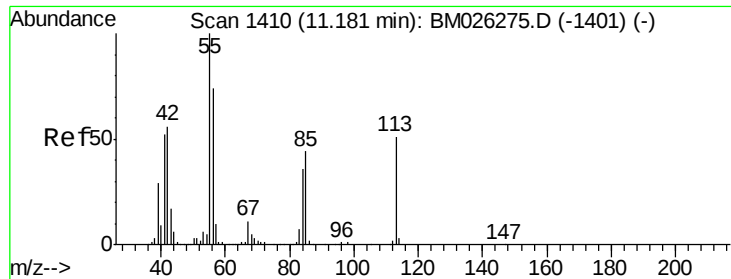
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#34
Hexachlorobutadiene
Concen: 4.902 ng
RT: 10.49 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		20425		
223	70.2	50.2	75.4		
227	71.5	49.5	74.3		





#35

Caprolactam

Concen: 4.364 ng

RT: 11.10 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:113 Resp: 9229

Ion Ratio Lower Upper

113 100

55 238.2 177.1 217.1#

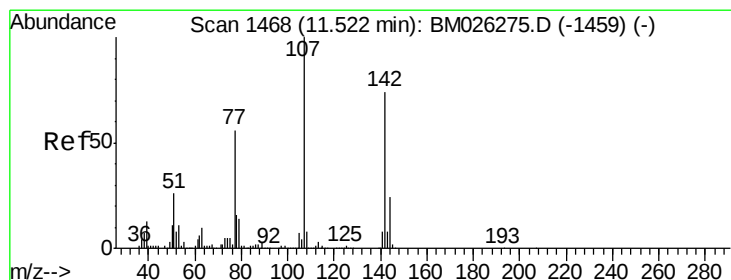
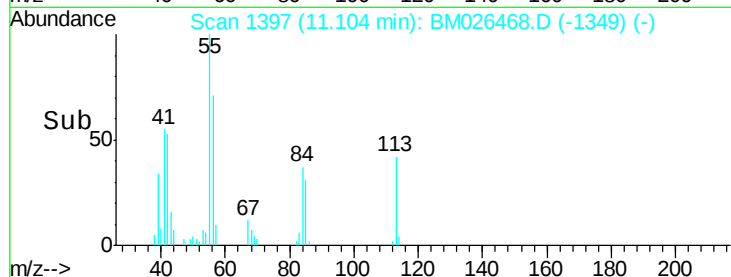
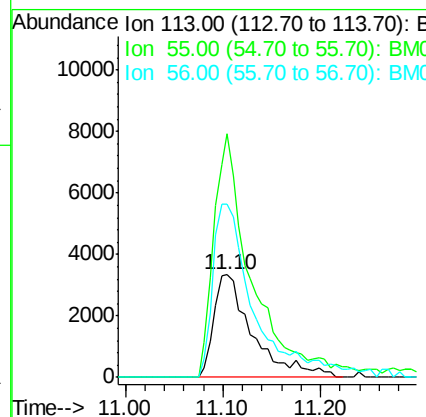
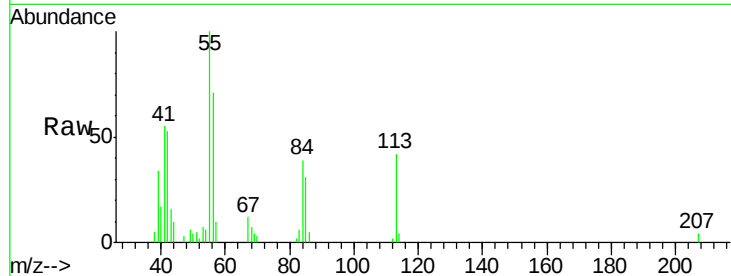
56 169.6 134.8 174.8

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#36

4-Chloro-3-methylphenol

Concen: 4.529 ng

RT: 11.47 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

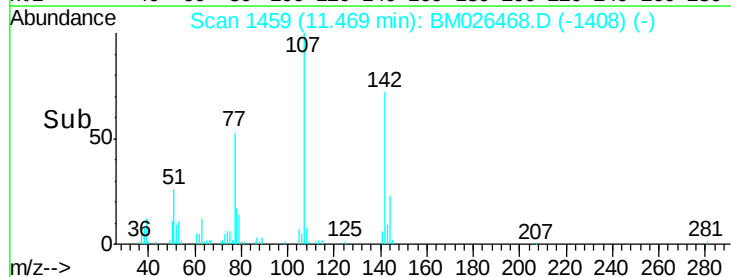
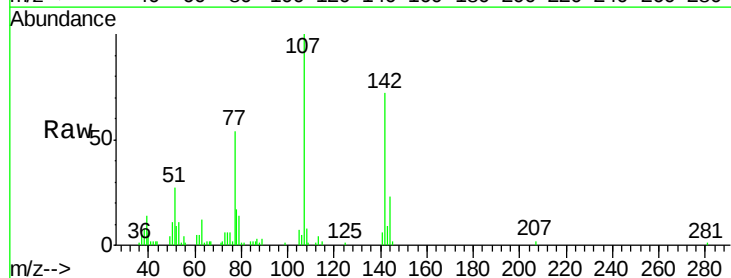
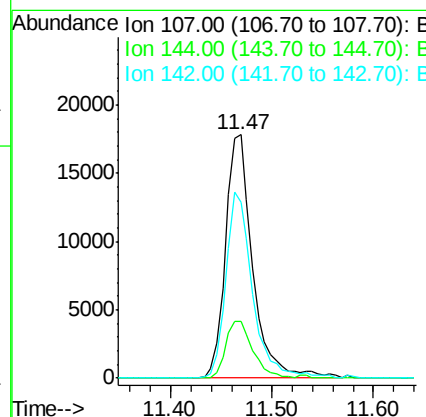
Tgt Ion:107 Resp: 33216

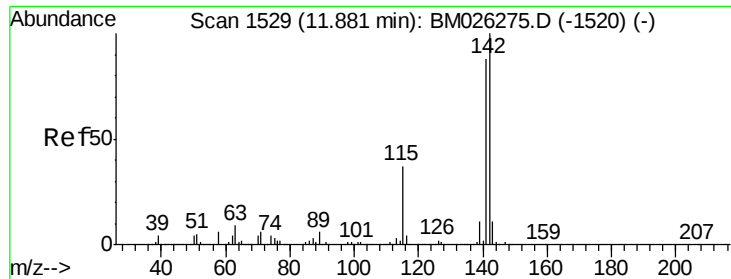
Ion Ratio Lower Upper

107 100

144 23.0 18.7 28.1

142 72.2 57.7 86.5





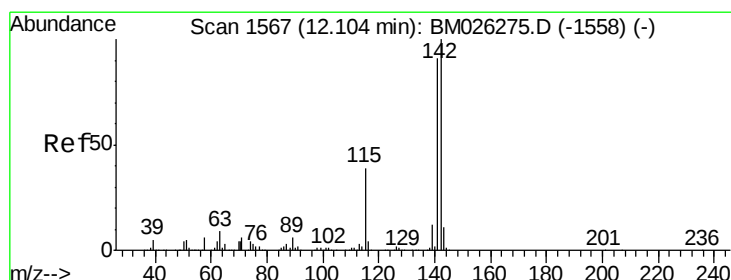
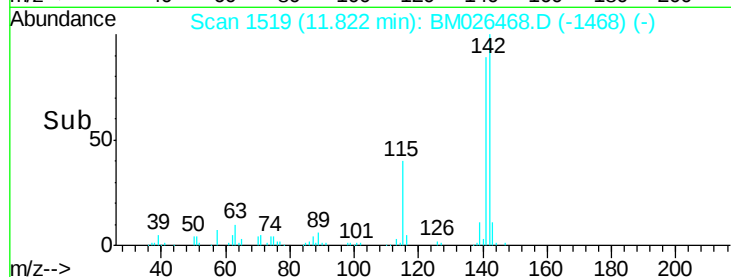
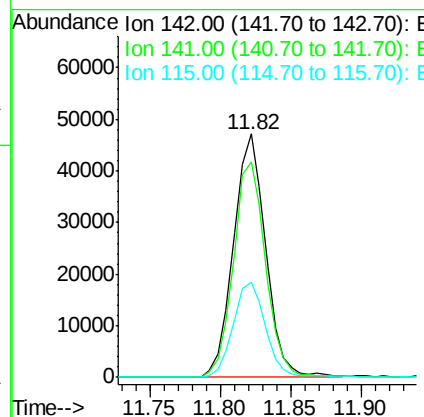
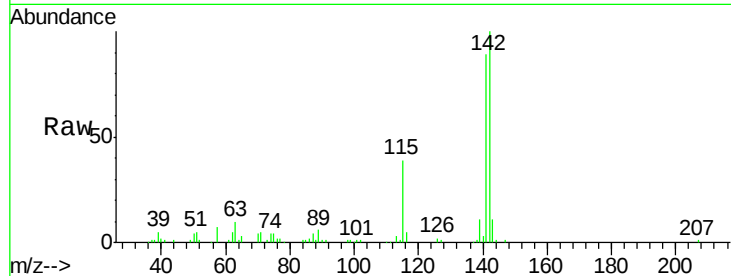
#37
2-Methylnaphthalene
Concen: 5.070 ng
RT: 11.82 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7
115	39.3	30.2	45.4

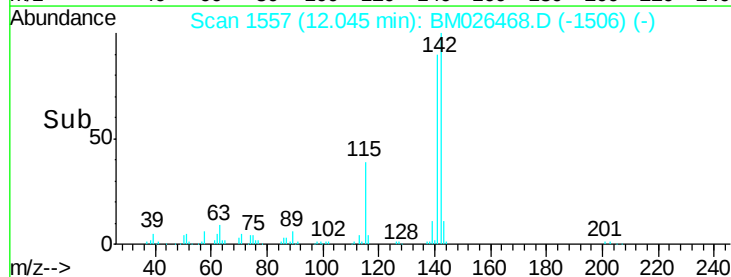
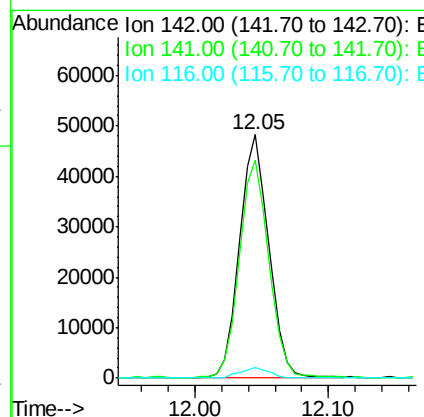
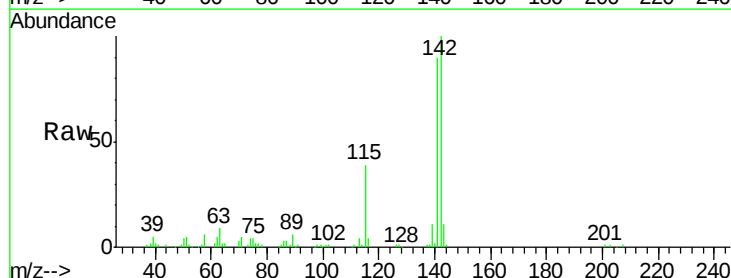
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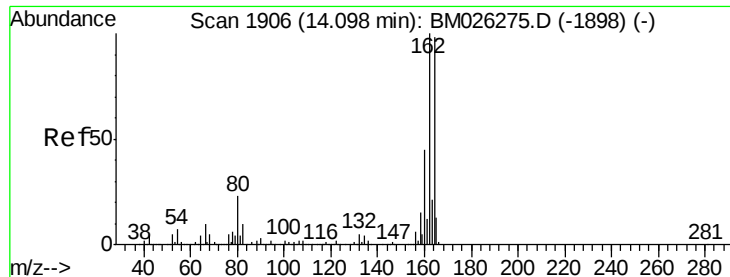
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#38
1-Methylnaphthalene
Concen: 5.262 ng
RT: 12.05 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.3	109.9
116	4.4	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.05 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:164 Resp: 286763

Ion Ratio Lower Upper

164 100

162 100.2 77.7 116.5

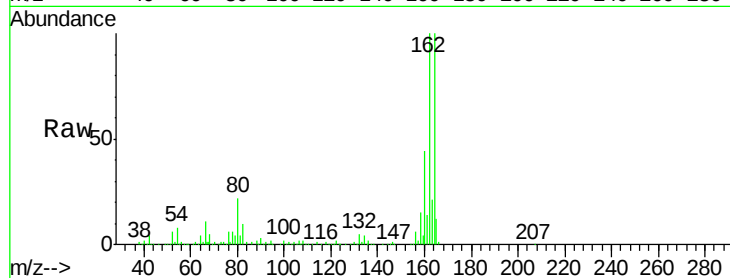
160 44.5 34.2 51.2

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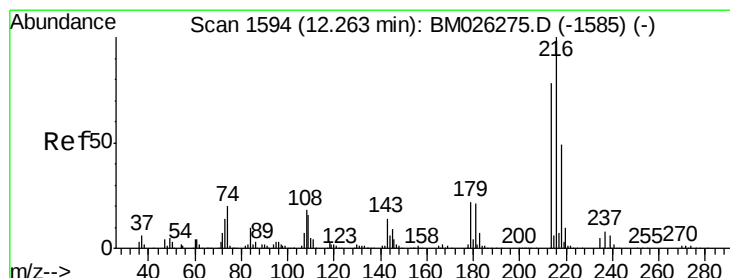
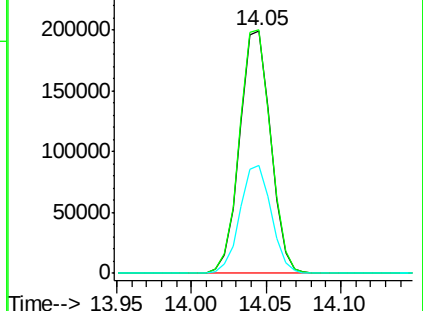
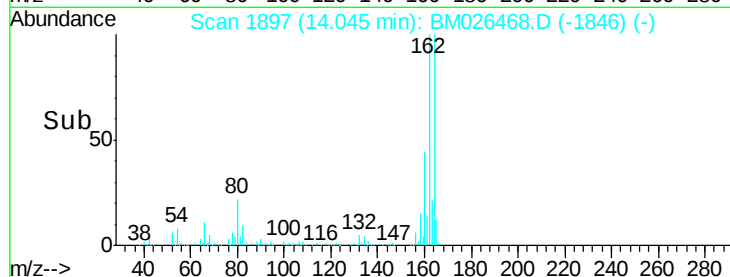
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 5.056 ng

RT: 12.20 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion:216 Resp: 41271

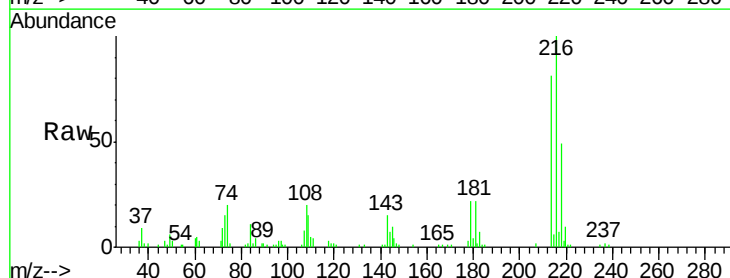
Ion Ratio Lower Upper

216 100

214 78.3 61.9 92.9

179 21.0 16.3 24.5

108 19.6 15.3 22.9

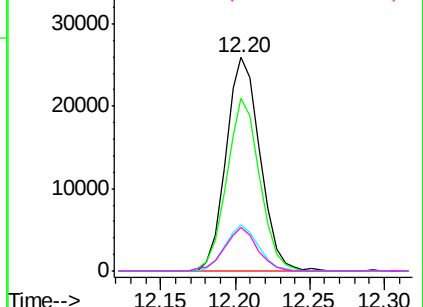
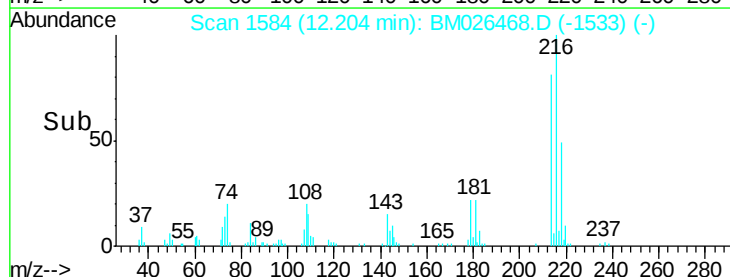


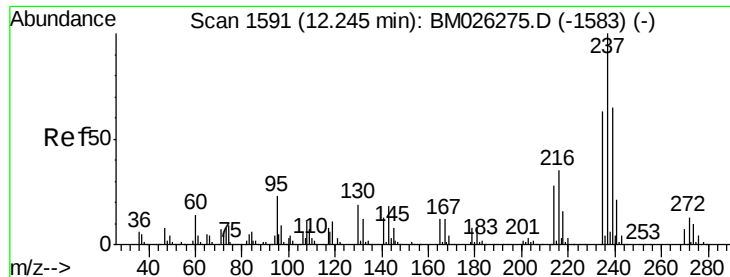
Abundance Ion 216.00 (215.70 to 216.70): E

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: 1.775 ng

RT: 12.18 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

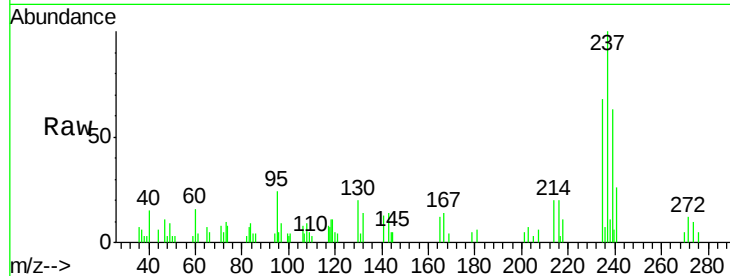
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

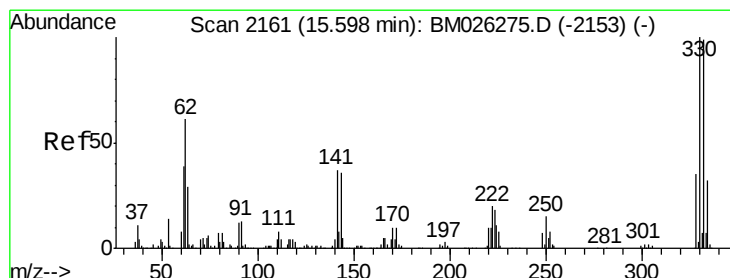
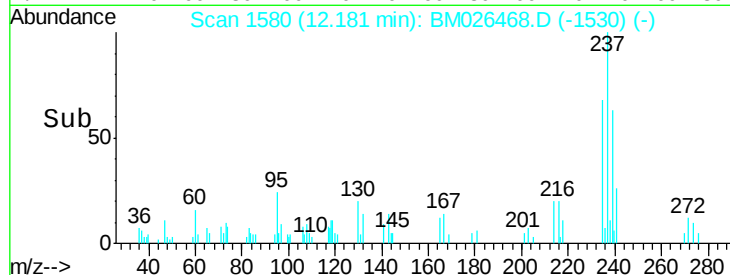
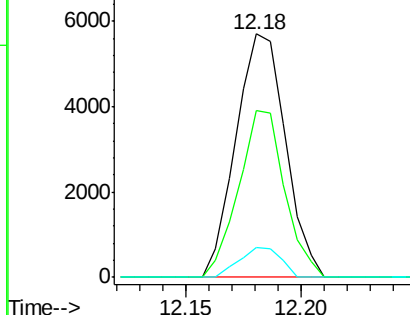
Tot Ion:	237	Resp:	8539
Ion Ratio	Lower	Upper	
237	100		
235	68.3	42.1	82.1
272	12.4	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 188.987 ng

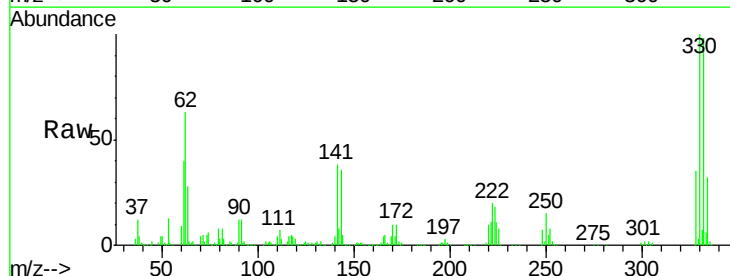
RT: 15.55 min Scan# 2153

Delta R.T. 0.00 min

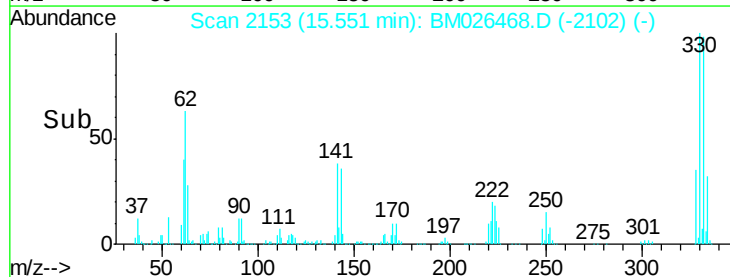
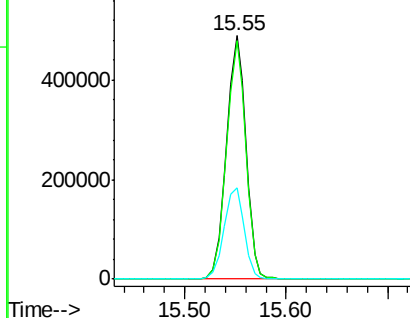
Lab File: BM026468.D

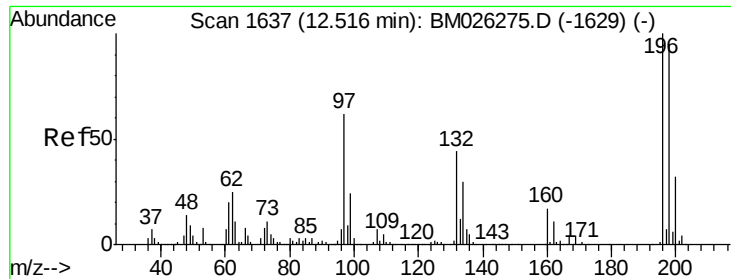
Acq: 19 Jun 2020 15:57

Tgt Ion:	330	Resp:	656486
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.7	116.5
141	38.7	29.7	44.5



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





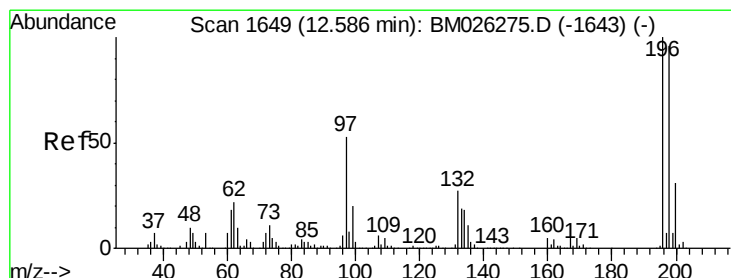
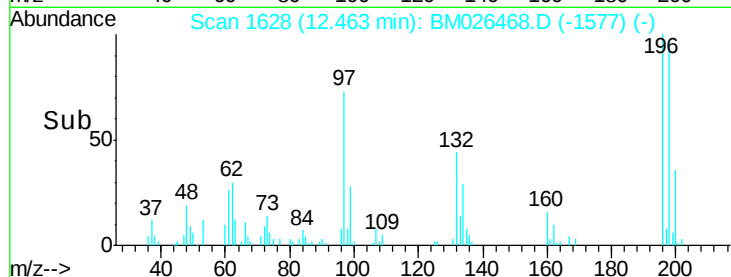
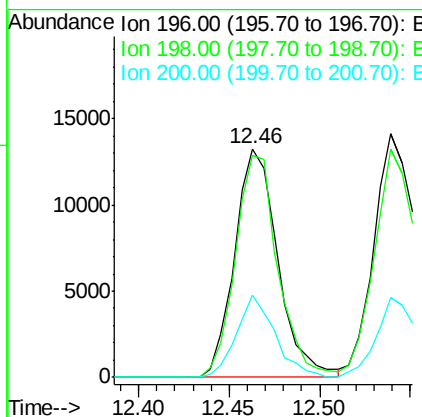
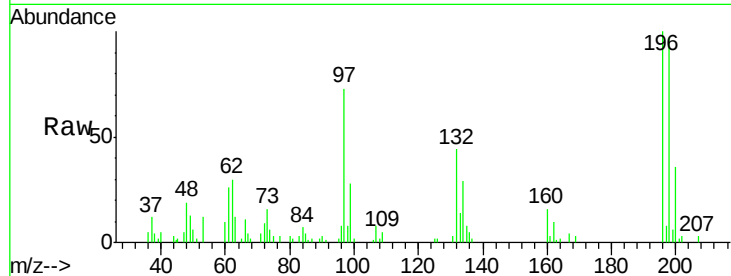
#43
 2,4,6-Trichlorophenol
 Concen: 3.985 ng
 RT: 12.46 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	22016		
198	97.4	79.0	118.4	
200	36.1	25.2	37.8	

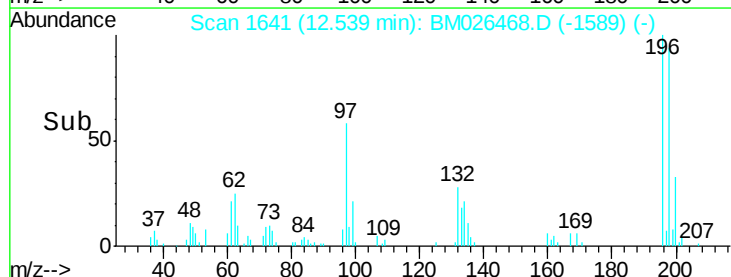
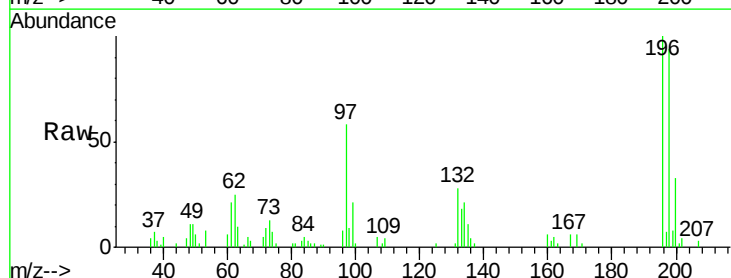
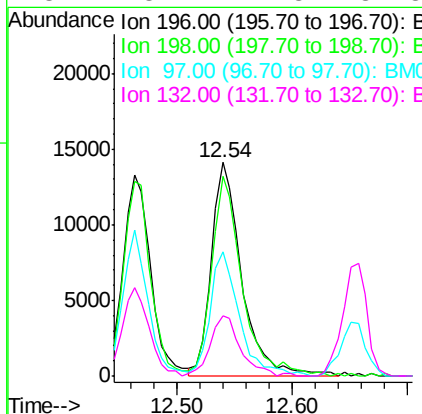
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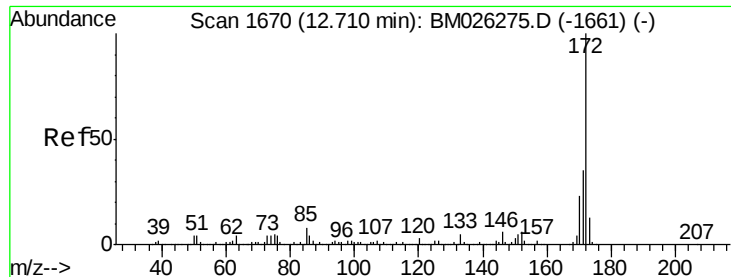
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#44
 2,4,5-Trichlorophenol
 Concen: 4.018 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	25772		
198	93.6	77.1	115.7	
97	58.4	43.0	64.4	
132	28.2	21.8	32.8	





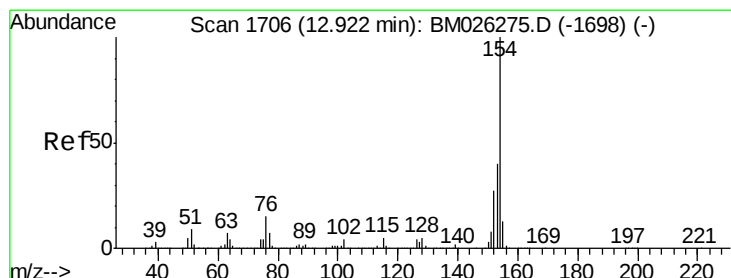
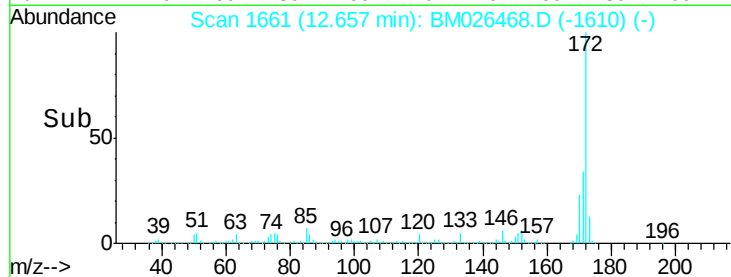
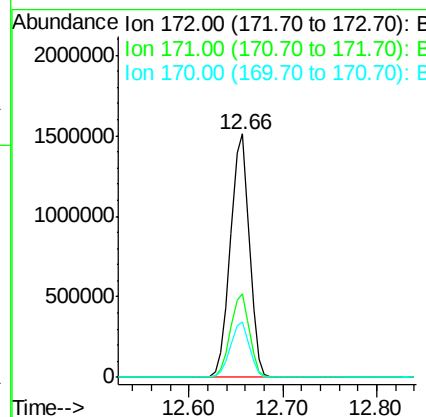
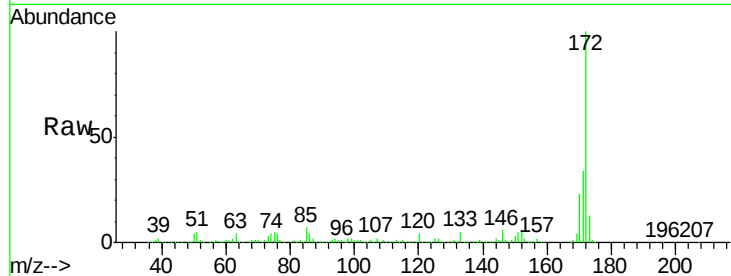
#45
2-Fluorobiphenyl
Concen: 112.517 ng
RT: 12.66 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	22.7	18.2	27.4

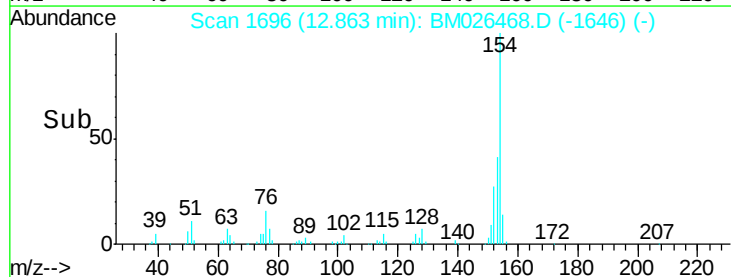
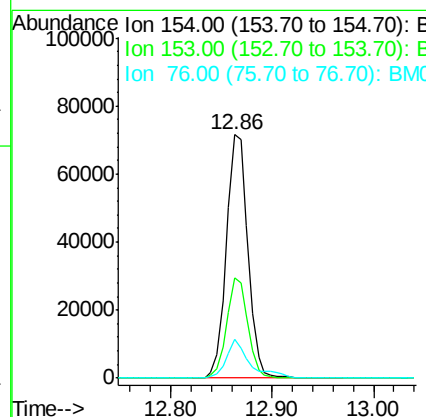
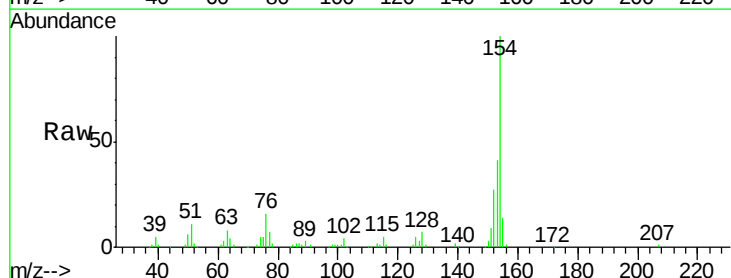
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#46
1,1'-Biphenyl
Concen: 5.247 ng
RT: 12.86 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.0	60.0
76	16.1	0.0	34.6





#47

2-Chloronaphthalene

Concen: 4.684 ng

RT: 12.90 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

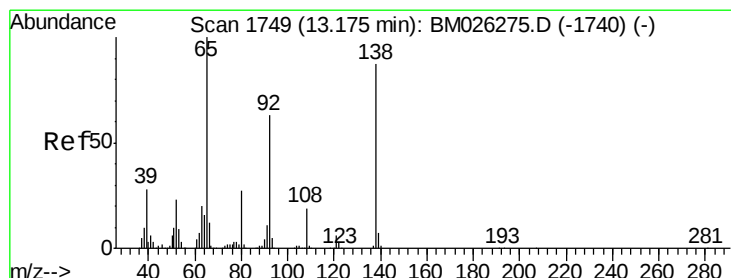
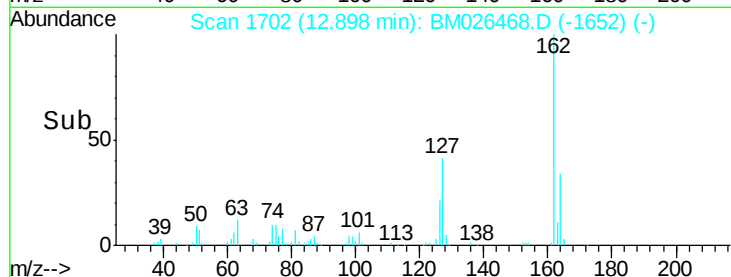
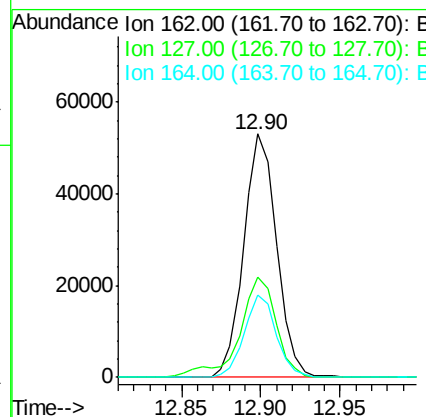
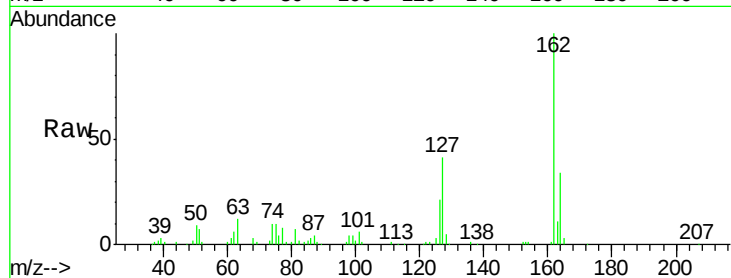
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	162	Resp:	76486
Ion Ratio	Lower	Upper	
162	100		
127	41.0	34.0	51.0
164	33.9	26.3	39.5

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#48

2-Nitroaniline

Concen: 3.821 ng

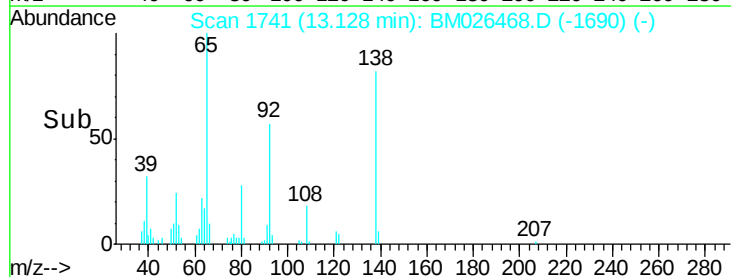
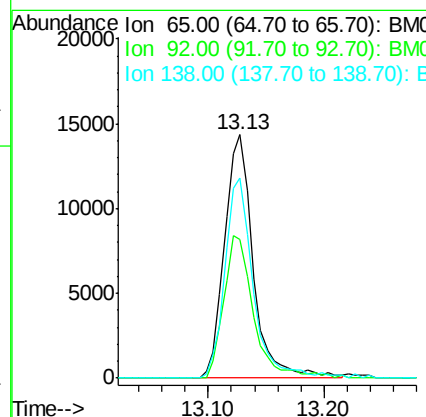
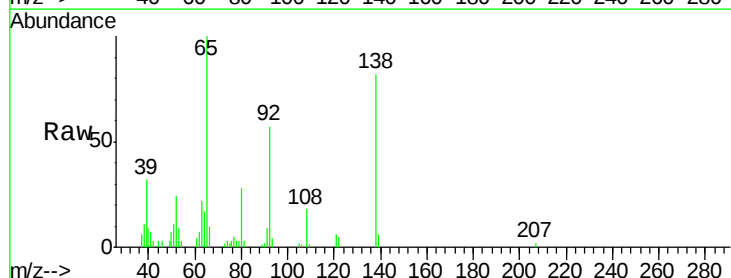
RT: 13.13 min Scan# 1741

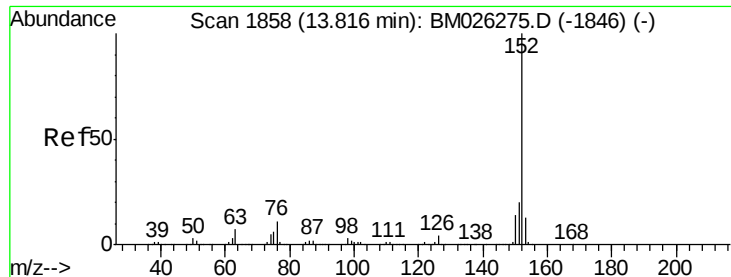
Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion:	65	Resp:	24731
Ion Ratio	Lower	Upper	
65	100		
92	57.2	50.6	76.0
138	82.1	71.6	107.4





#49

Acenaphthylene

Concen: 4.627 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

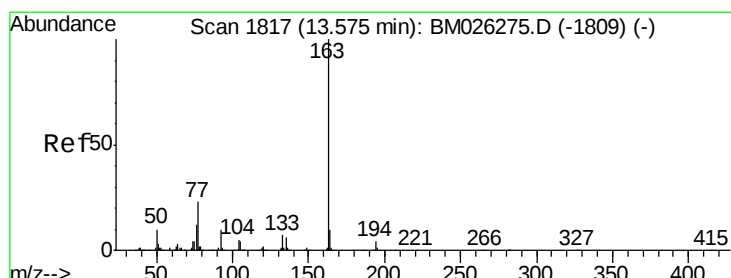
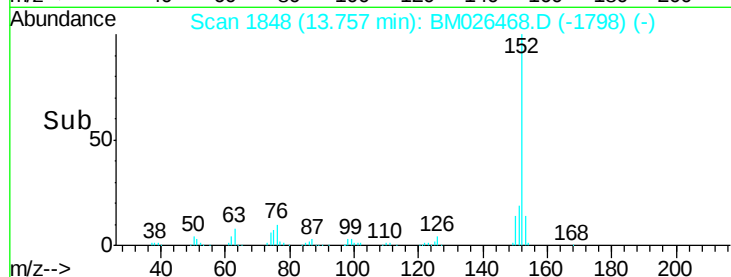
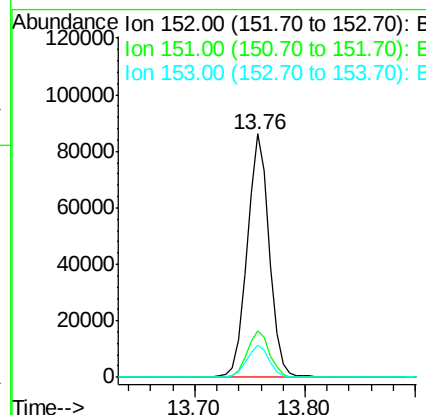
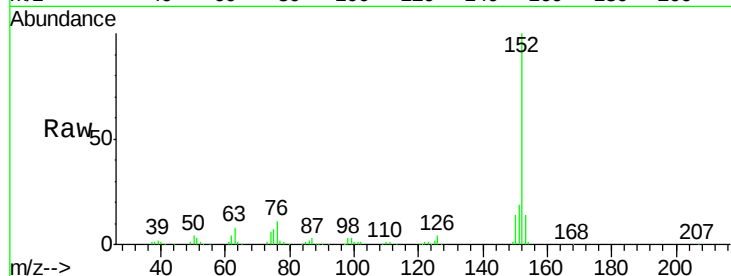
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		120861		
151	19.1		15.8	23.6	
153	13.6		10.1	15.1	

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#50

Dimethylphthalate

Concen: 4.858 ng

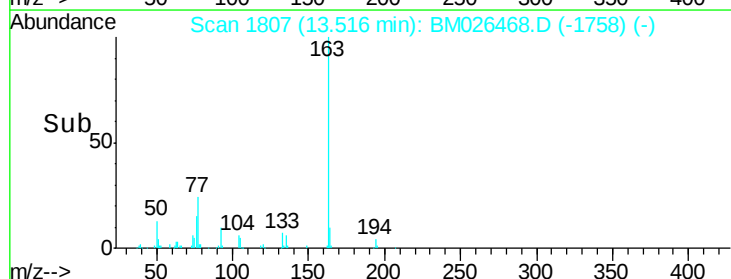
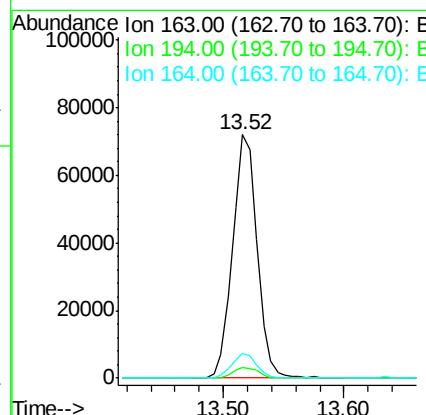
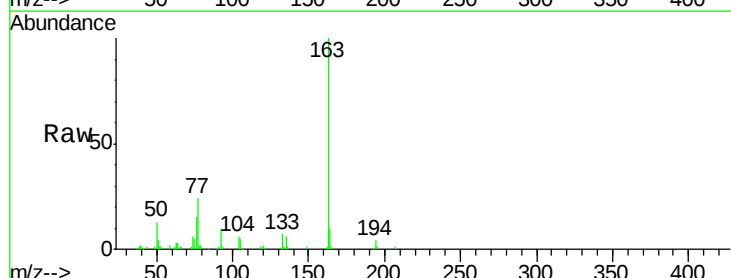
RT: 13.52 min Scan# 1807

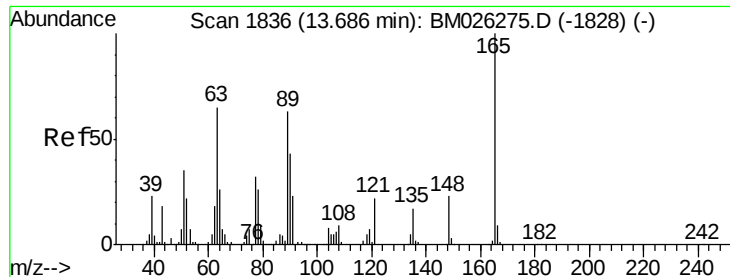
Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		101885		
194	4.2		3.4	5.2	
164	10.3		7.8	11.8	





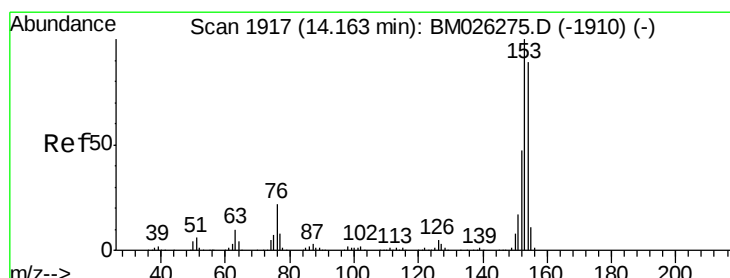
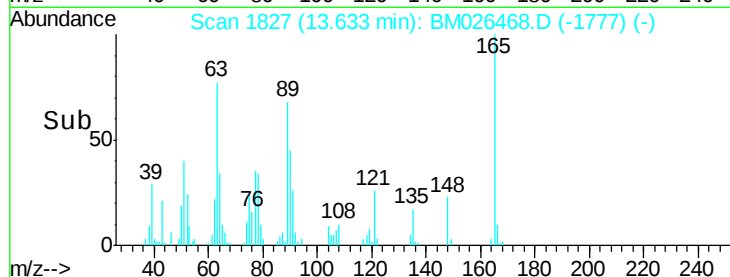
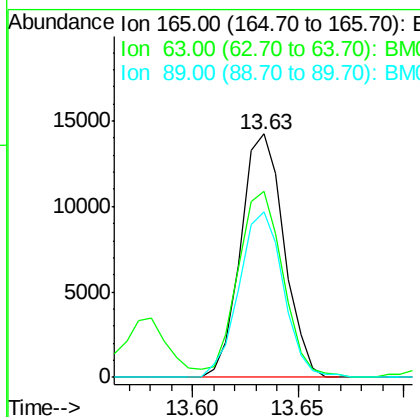
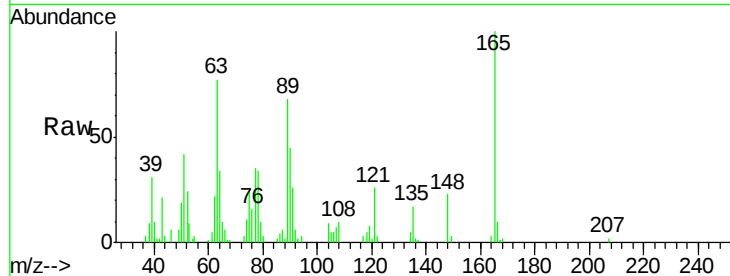
#51
2,6-Dinitrotoluene
Concen: 4.397 ng
RT: 13.63 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	20237		
63	76.5	54.3	81.5	
89	68.2	51.5	77.3	

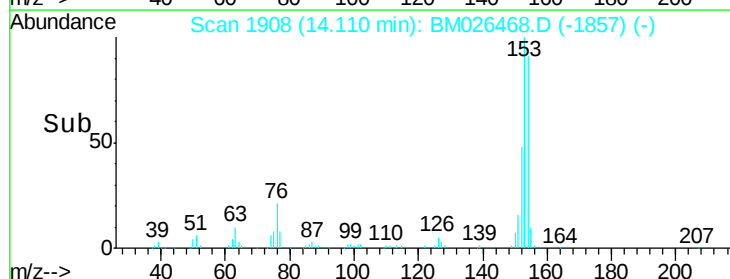
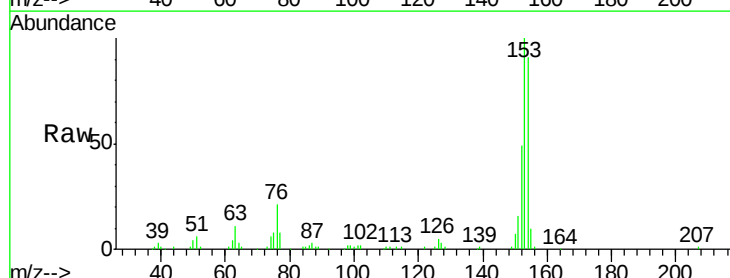
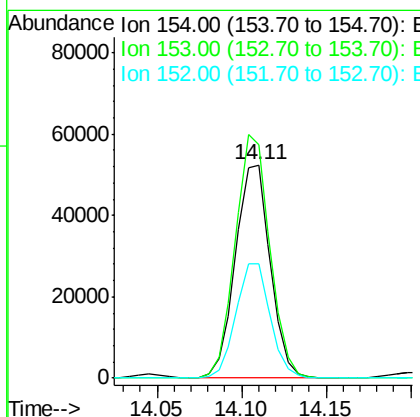
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#52
Acenaphthene
Concen: 4.834 ng
RT: 14.11 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	75795		
153	109.6	88.6	132.8	
152	53.4	42.0	63.0	





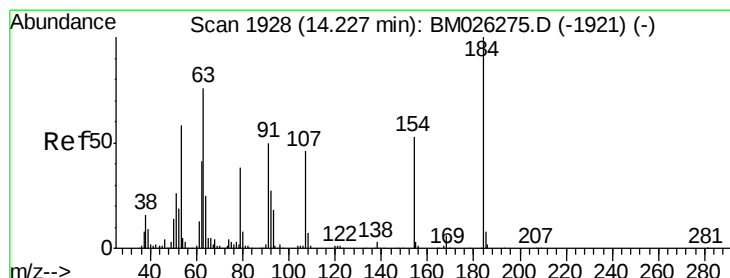
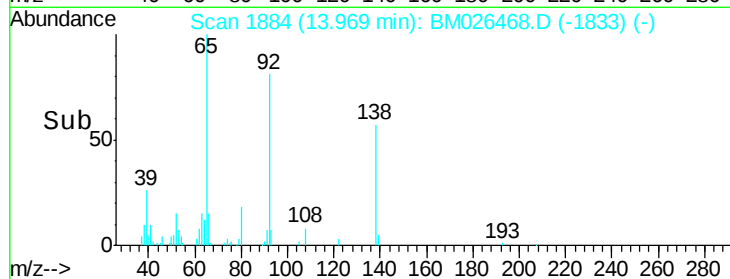
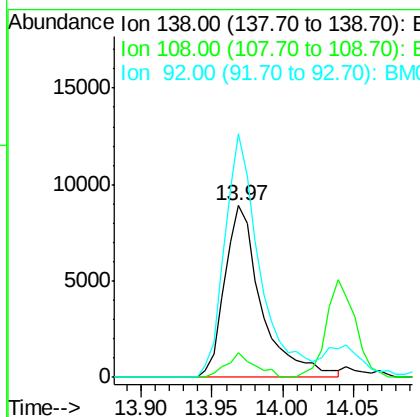
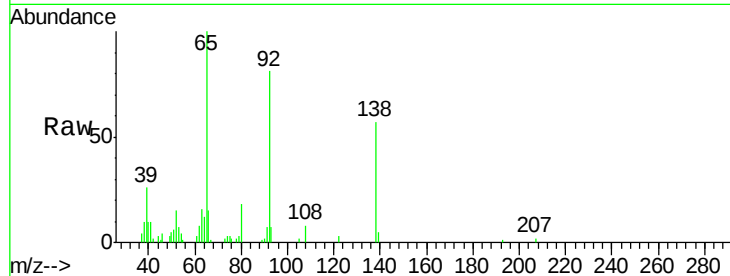
#53
3-Nitroaniline
Concen: 3.166 ng
RT: 13.97 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:138 Resp: 16224
Ion Ratio Lower Upper
138 100
108 14.3 9.4 14.0#
92 141.8 105.4 158.2

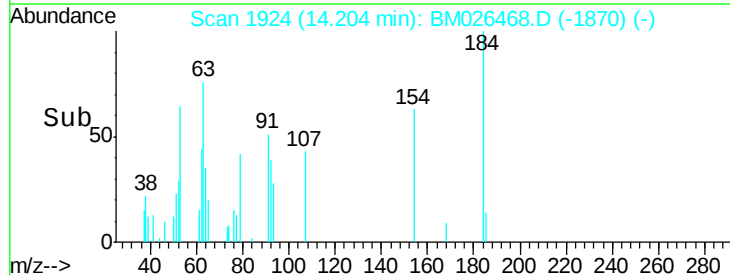
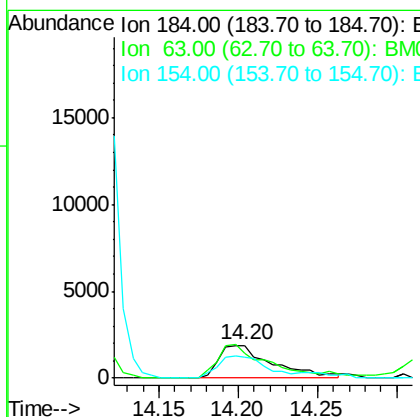
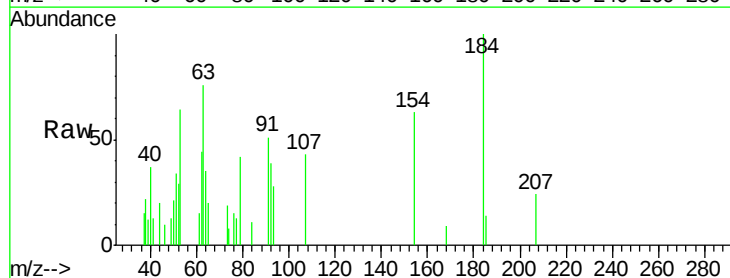
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#54
2,4-Dinitrophenol
Concen: 1.574 ng
RT: 14.20 min Scan# 1924
Delta R.T. 0.02 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion:184 Resp: 4402
Ion Ratio Lower Upper
184 100
63 76.3 61.8 92.6
154 62.8 53.1 79.7





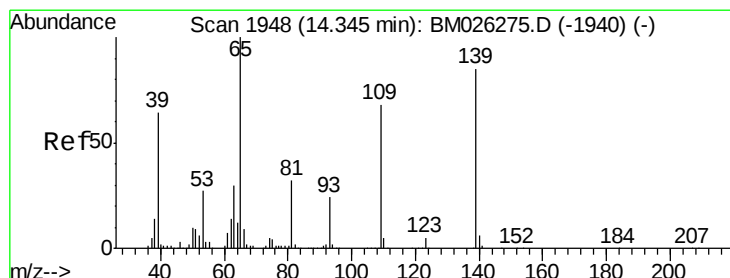
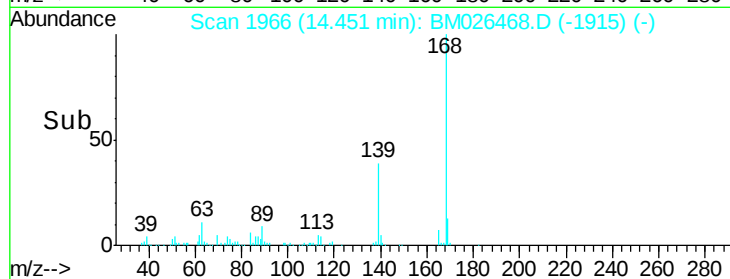
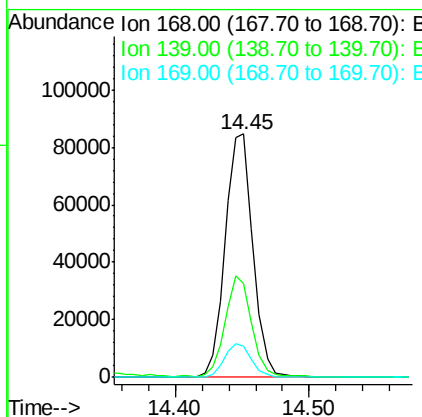
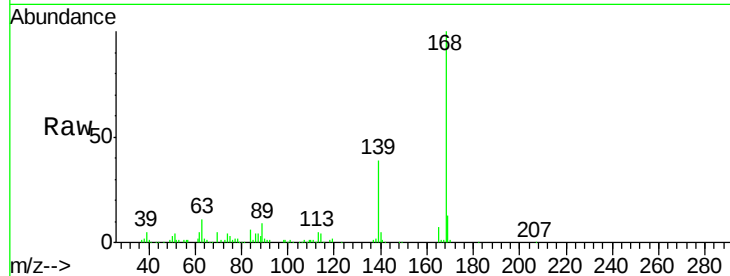
#55
Dibenzenofuran
Concen: 4.880 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.4	47.0
169	12.9	10.7	16.1

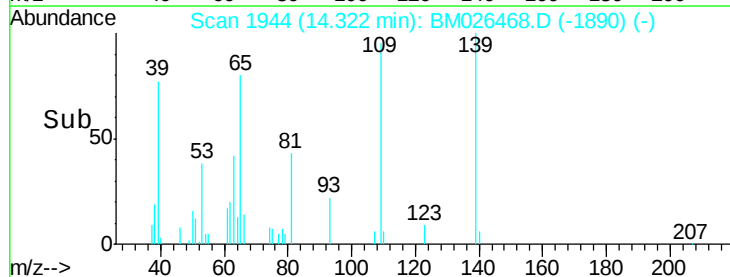
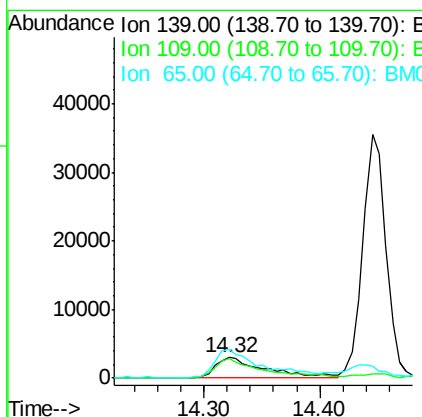
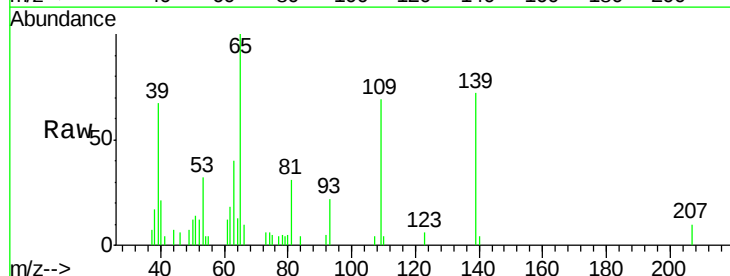
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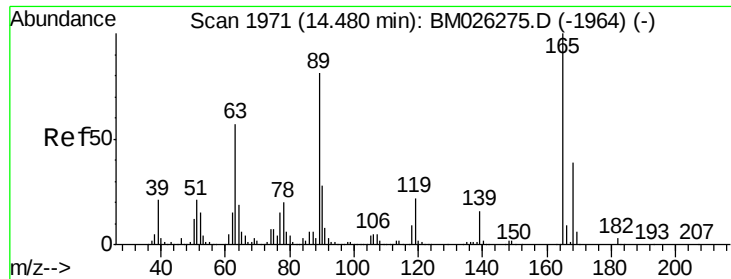
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#56
4-Nitrophenol
Concen: 2.197 ng m
RT: 14.32 min Scan# 1944
Delta R.T. 0.02 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.4	64.9	104.9
65	139.2	98.1	138.1#





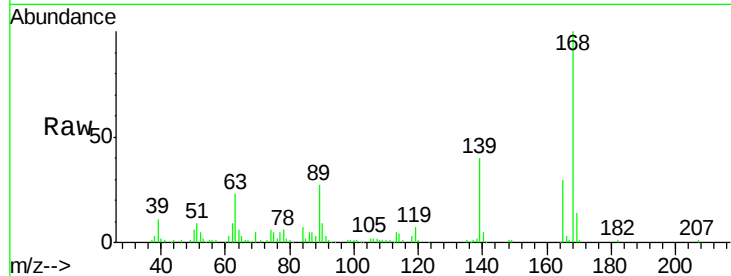
#57
2,4-Dinitrotoluene
Concen: 4.038 ng
RT: 14.44 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

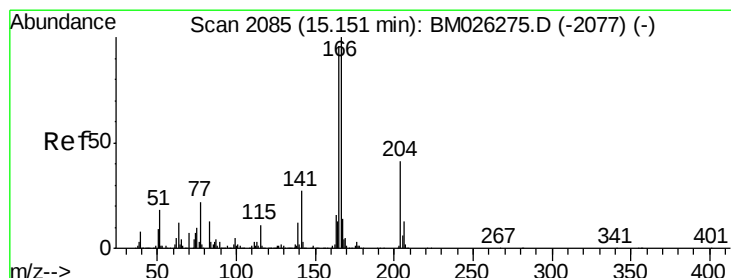
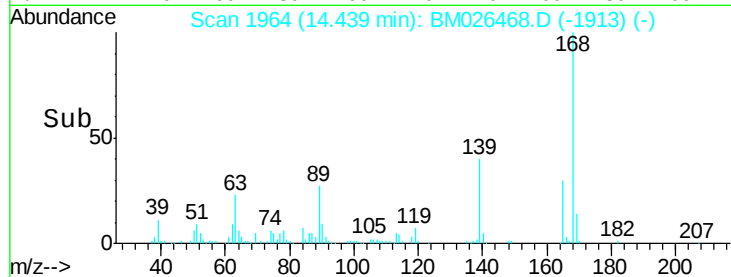
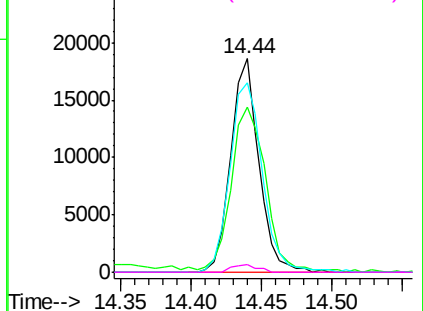
Tot Ion	Ratio	Lower	Upper
165	100		
63	77.5	48.1	72.1#
89	88.6	65.6	98.4
182	3.4	2.7	4.1

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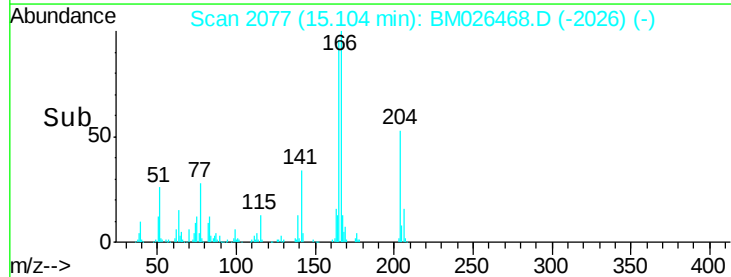
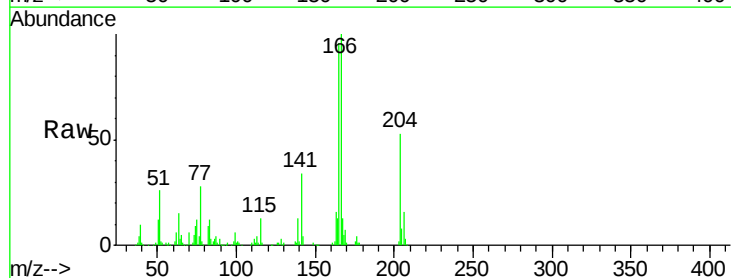
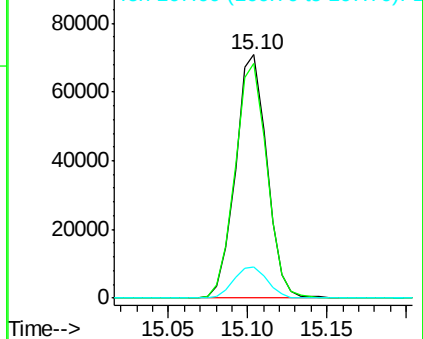
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

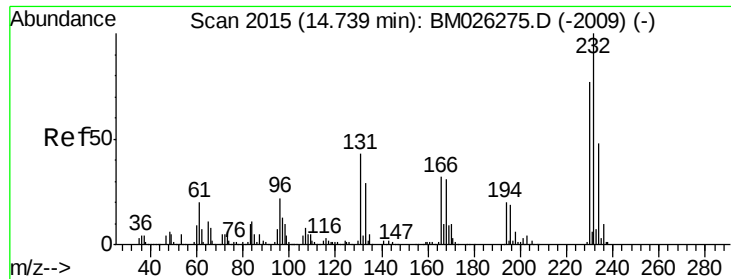


#58
Fluorene
Concen: 4.742 ng
RT: 15.10 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.5	116.3
167	12.9	10.9	16.3

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: 4.497 ng

RT: 14.69 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

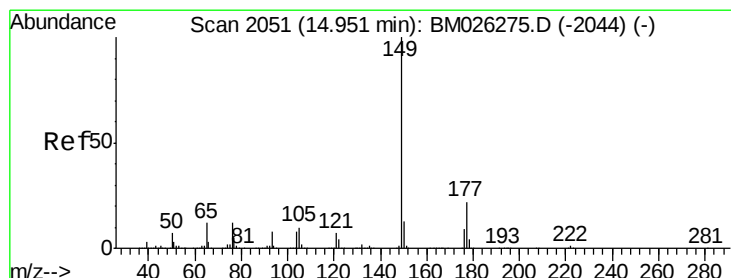
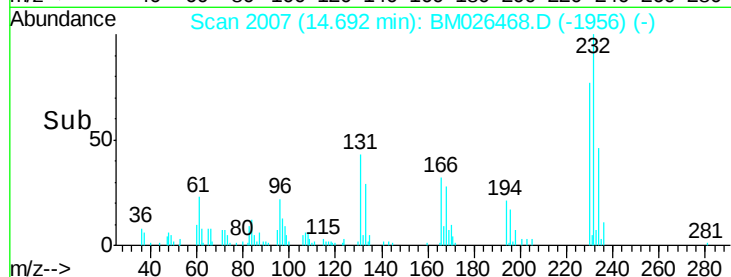
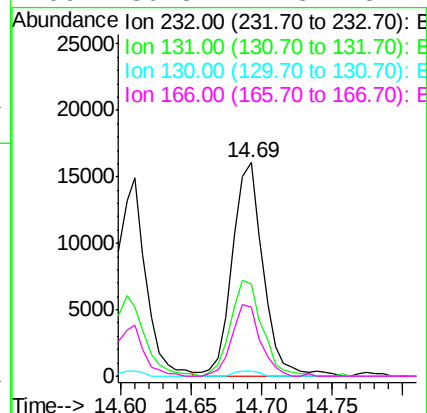
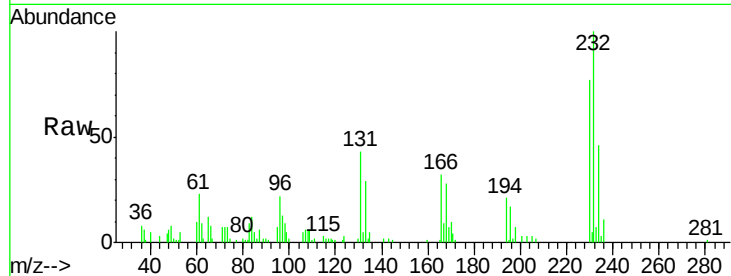
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.4	54.6
130	1.9	2.0	3.0
166	30.8	24.8	37.2

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#60

Diethylphthalate

Concen: 4.856 ng

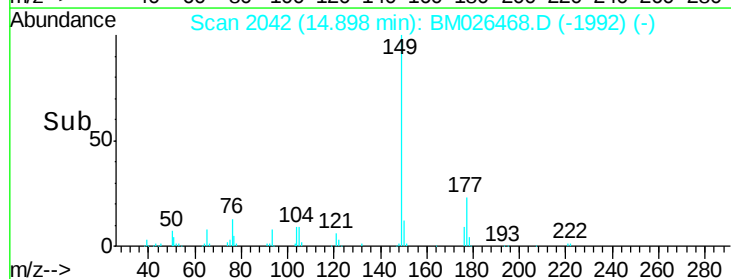
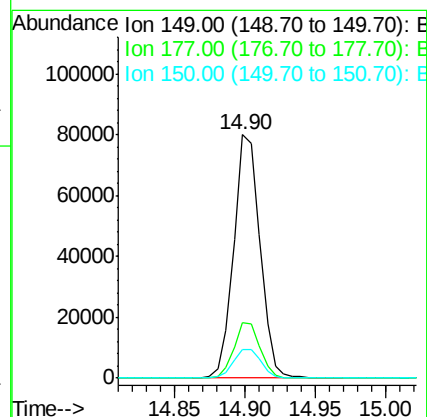
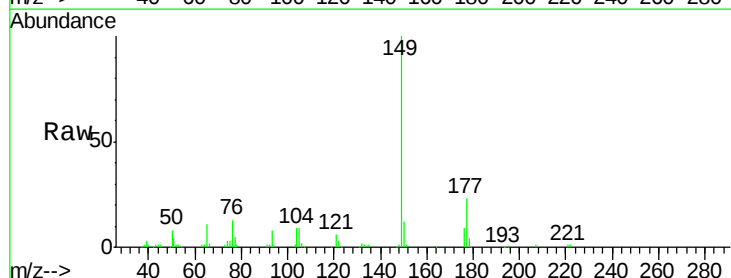
RT: 14.90 min Scan# 2042

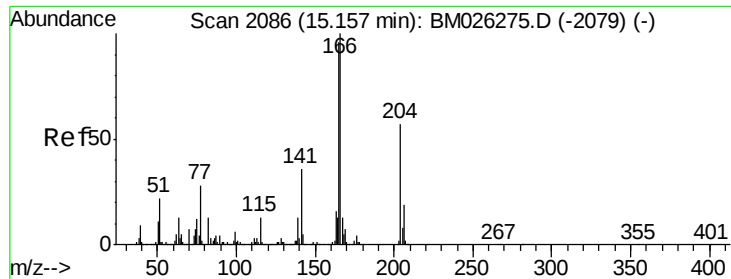
Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.6	26.4
150	11.9	9.9	14.9





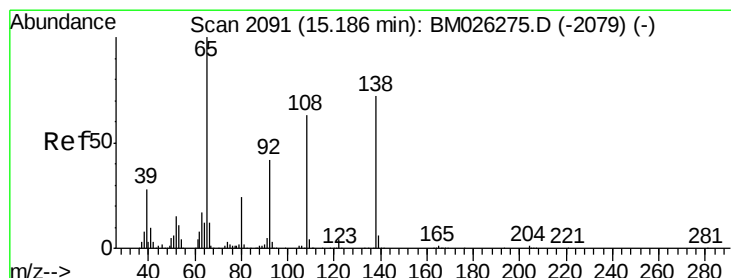
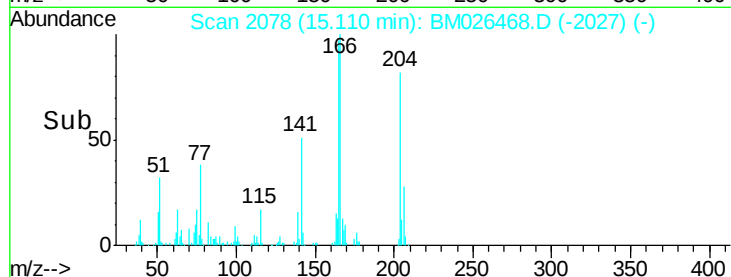
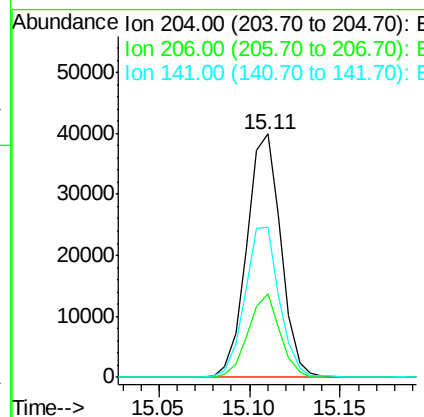
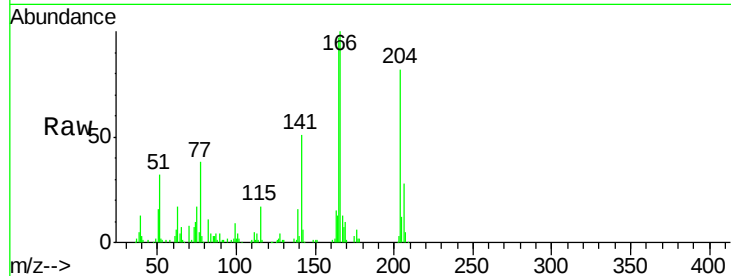
#61
4-Chlorophenyl-phenylether
Concen: 4.778 ng
RT: 15.11 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.6	40.0
141	61.9	49.4	74.2

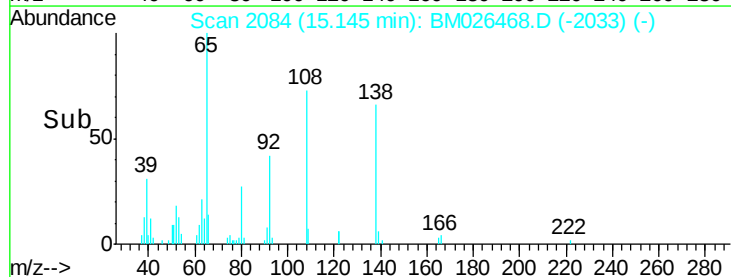
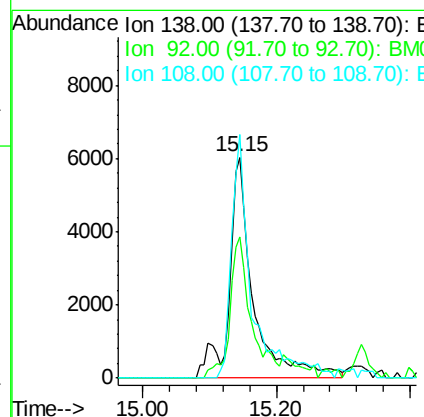
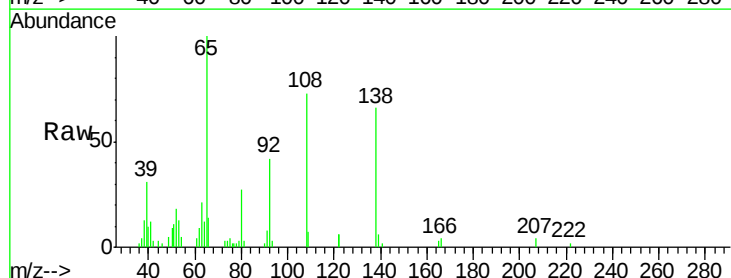
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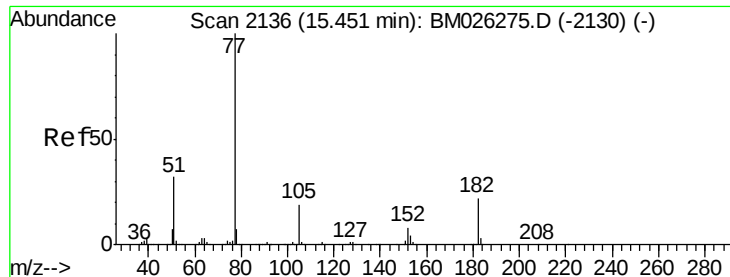
mohammad
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#62
4-Nitroaniline
Concen: 2.793 ng m
RT: 15.15 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.9	37.5	77.5
108	110.1	66.3	106.3#





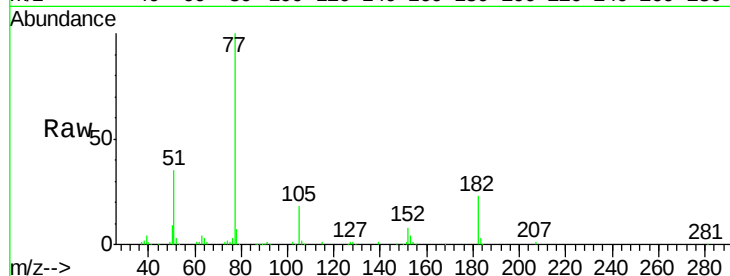
#63
Azobenzene
Concen: 4.760 ng
RT: 15.40 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.0	2.1	42.1
105	18.3	0.0	38.3
51	35.0	13.5	53.5

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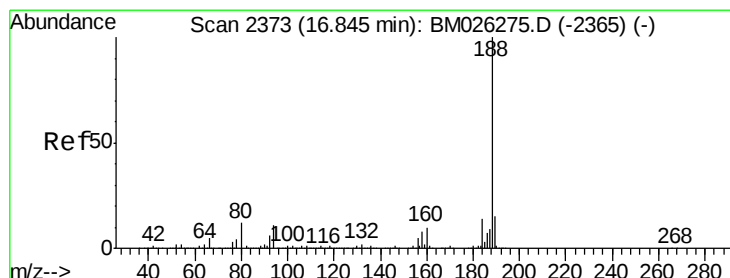
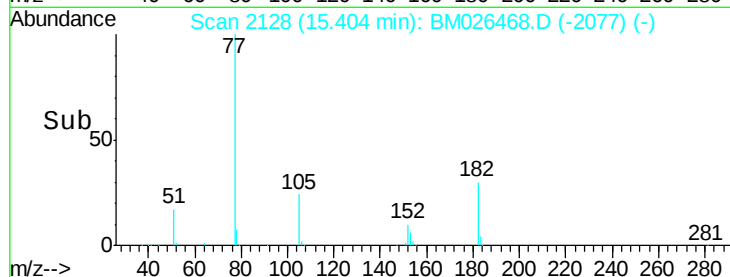
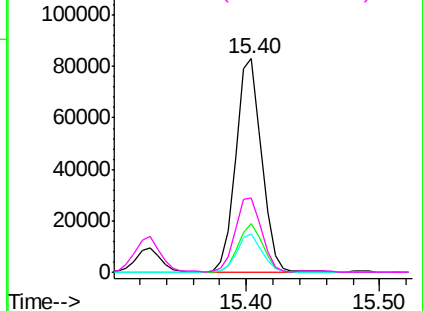


Abundance Ion 77.00 (76.70 to 77.70): BM026468.D (-2077) (-)

Ion 182.00 (181.70 to 182.70): BM026468.D (-2077) (-)

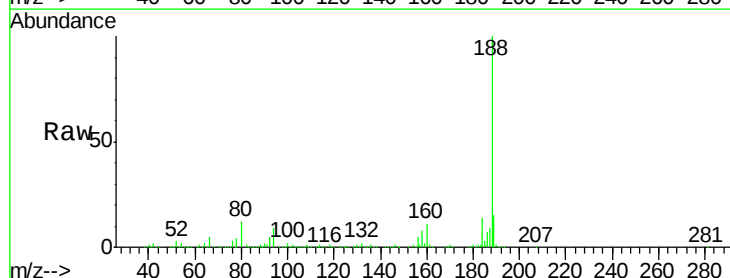
Ion 105.00 (104.70 to 105.70): BM026468.D (-2077) (-)

Ion 51.00 (50.70 to 51.70): BM026468.D (-2077) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

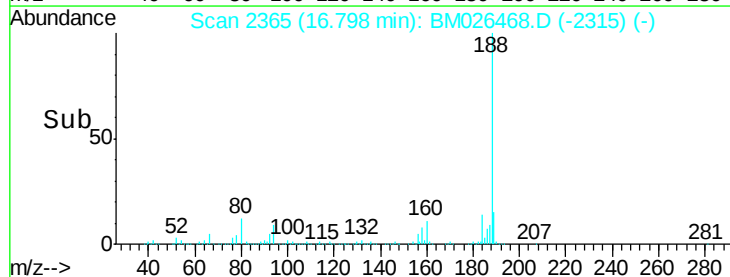
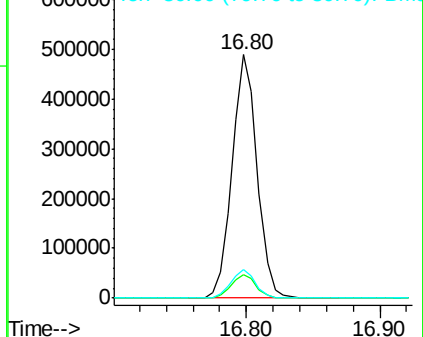
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	11.6	9.5	14.3

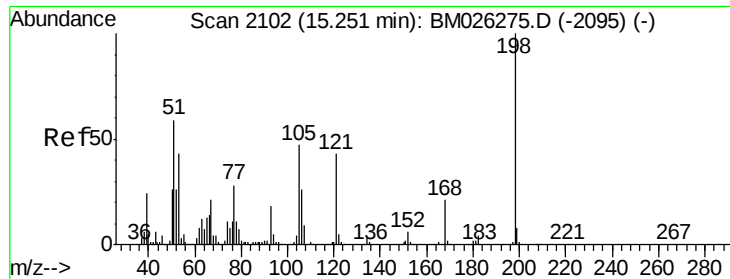


Abundance Ion 188.00 (187.70 to 188.70): BM026468.D (-2315) (-)

Ion 94.00 (93.70 to 94.70): BM026468.D (-2315) (-)

Ion 80.00 (79.70 to 80.70): BM026468.D (-2315) (-)





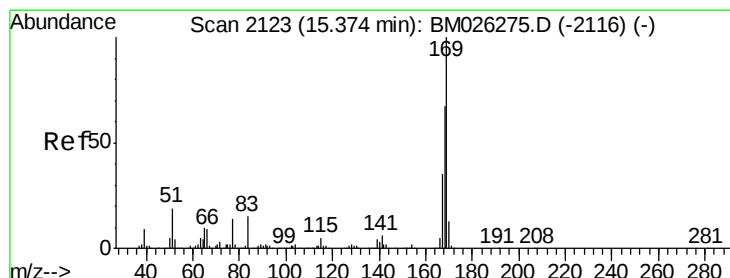
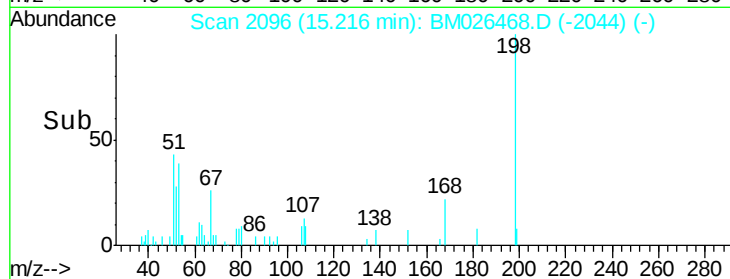
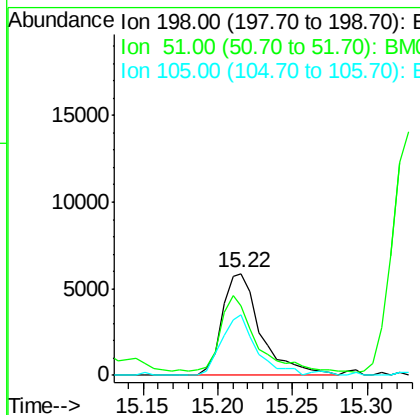
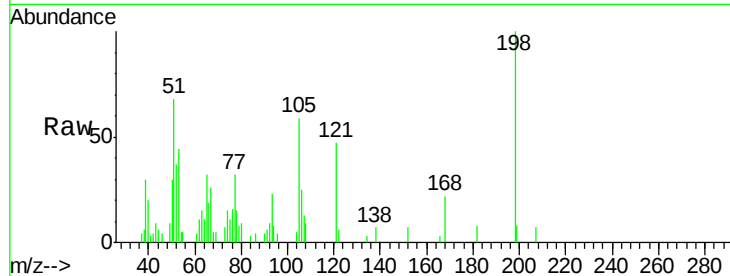
#65
4,6-Dinitro-2-methylphenol
Concen: 2.734 ng
RT: 15.22 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
198	100	10609		
51	67.8		35.6	75.6
105	59.1		24.3	64.3

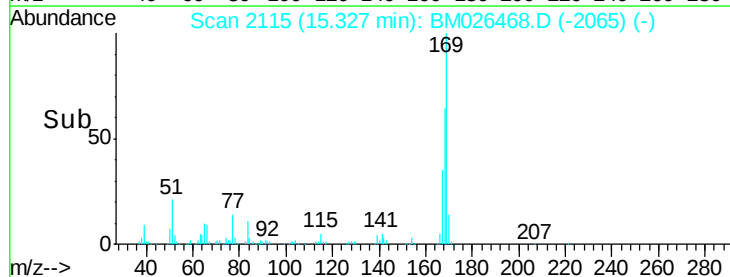
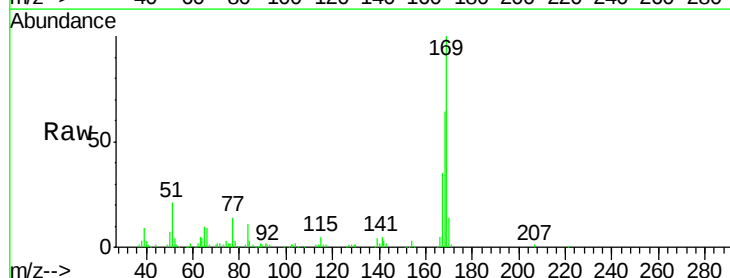
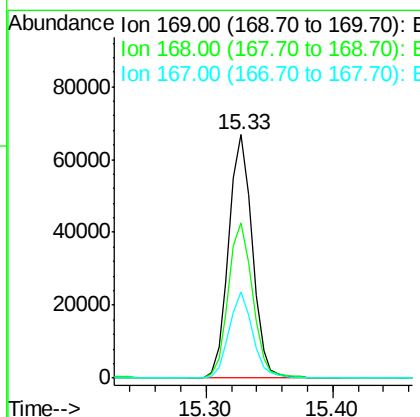
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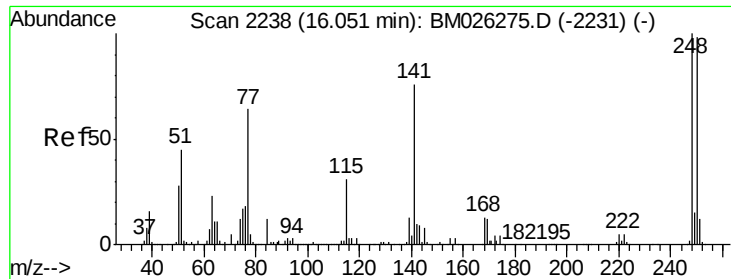
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 4.651 ng
RT: 15.33 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	85980		
168	64.0		51.6	77.4
167	35.5		28.2	42.4





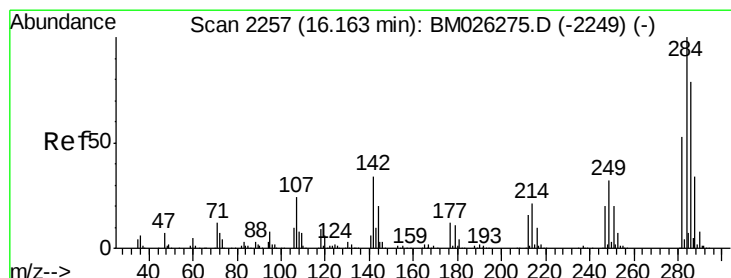
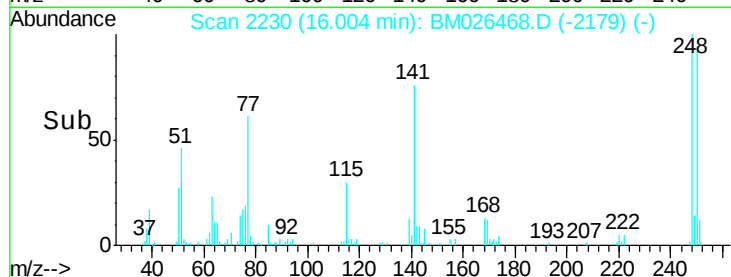
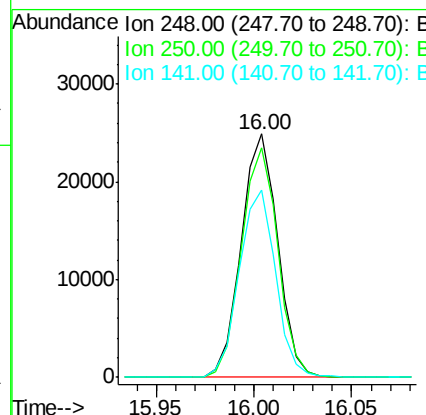
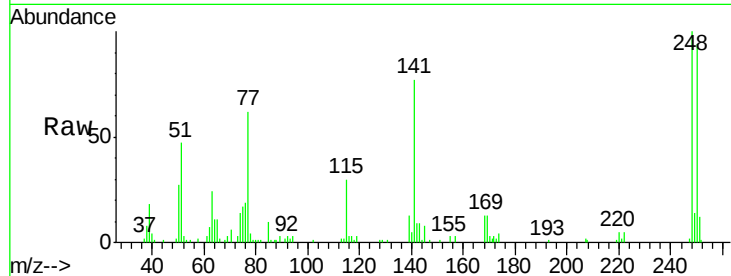
#67
4-Bromophenyl-phenylether
Concen: 4.599 ng
RT: 16.00 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.1	78.4	117.6
141	76.8	60.6	91.0

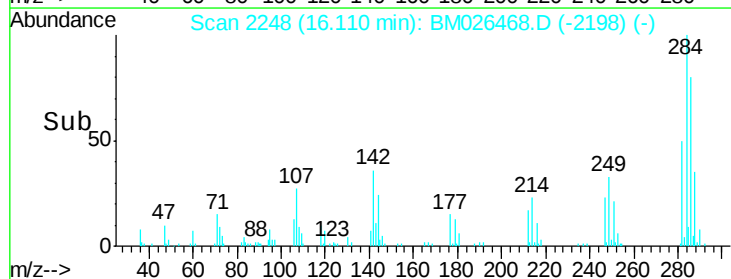
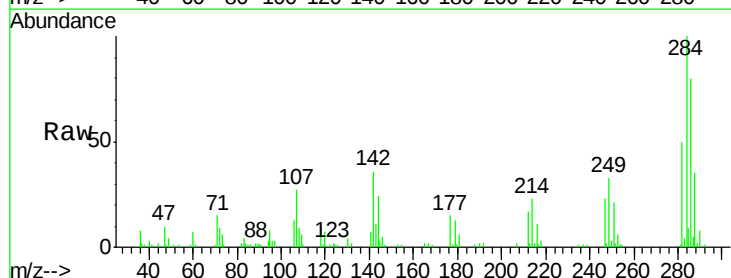
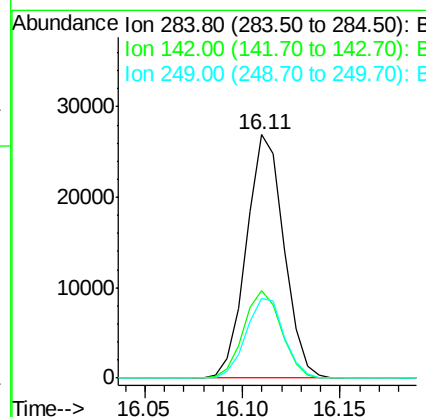
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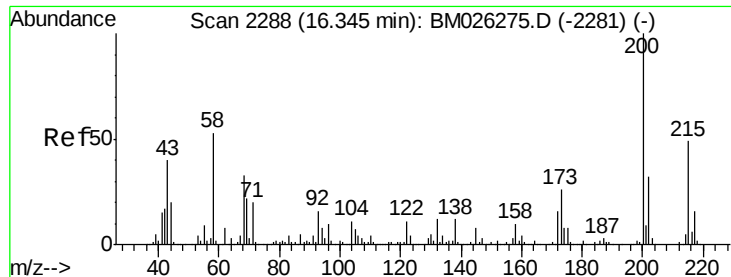
mohammad
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#68
Hexachlorobenzene
Concen: 4.888 ng
RT: 16.11 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.1	43.7
249	32.9	27.2	40.8





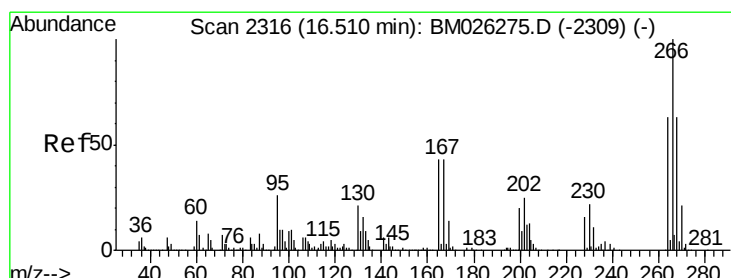
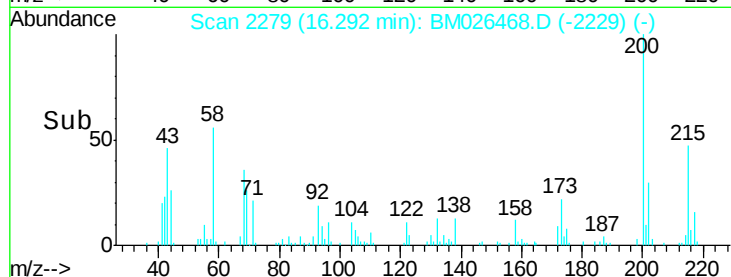
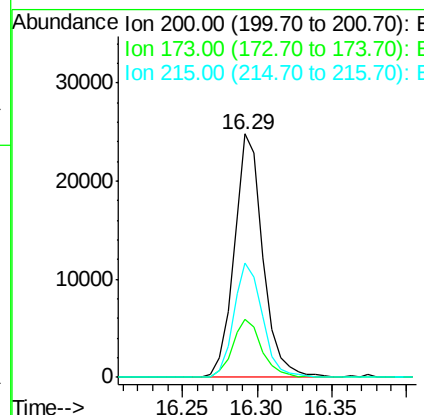
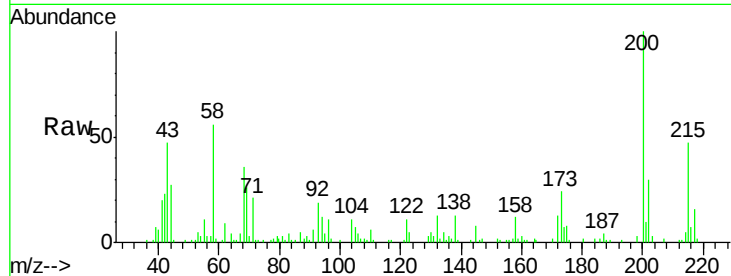
#69
 Atrazine
 Concen: 6.048 ng
 RT: 16.29 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	6.6	46.6
215	46.8	29.8	69.8

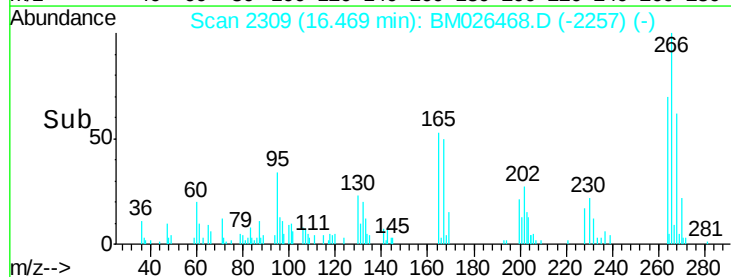
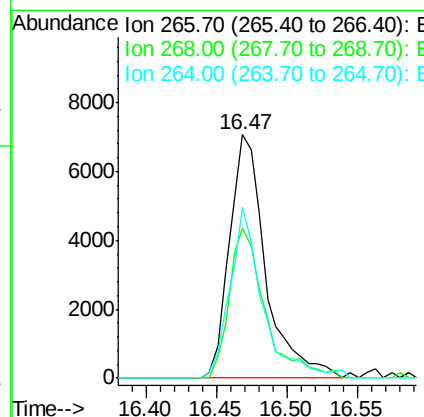
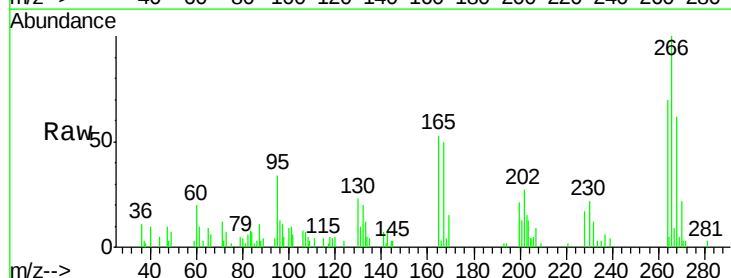
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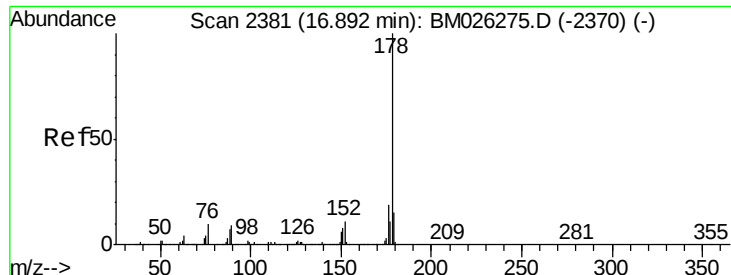
mohammad
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#70
 Pentachlorophenol
 Concen: 2.868 ng
 RT: 16.47 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	50.2	75.4
264	74.9	50.6	75.8





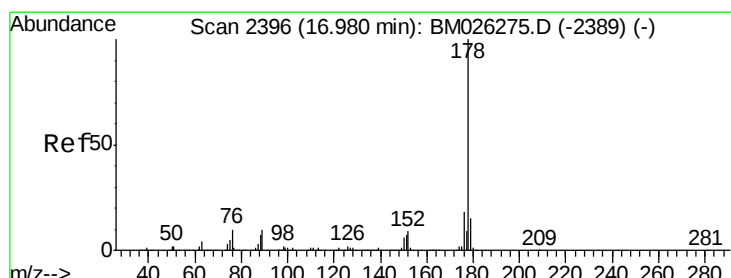
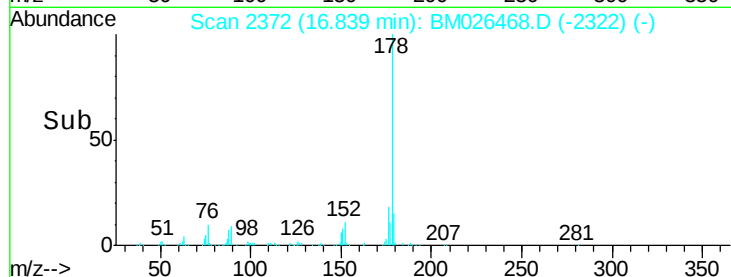
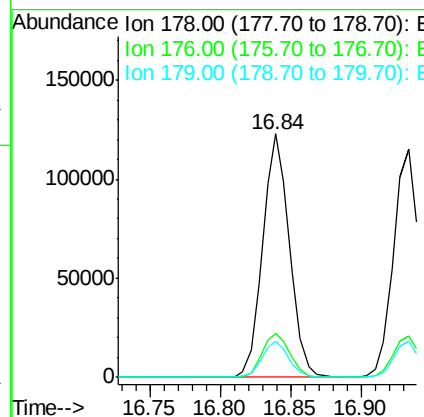
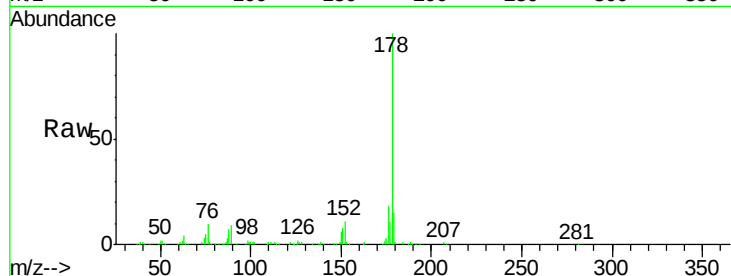
#71
Phenanthrene
Concen: 4.929 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	15.1	12.3	18.5

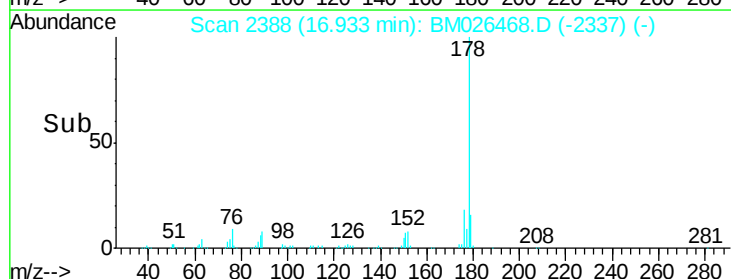
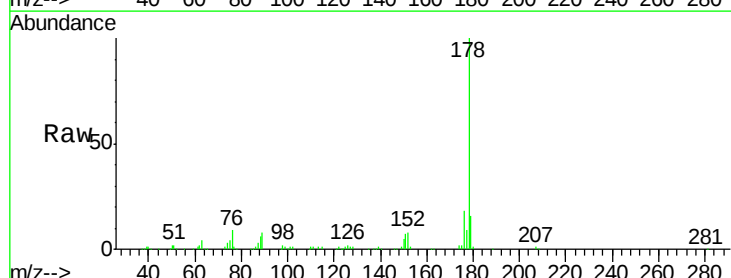
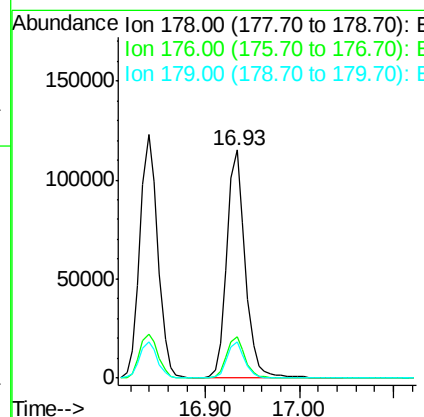
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#72
Anthracene
Concen: 4.727 ng
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.8	12.3	18.5





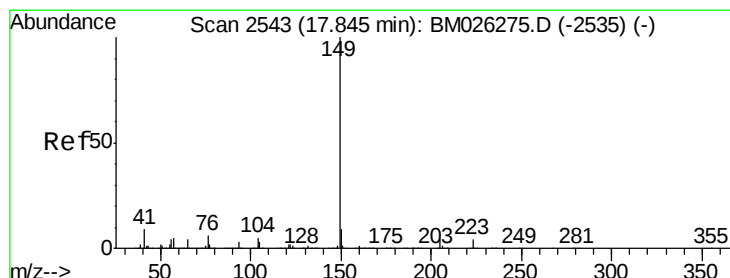
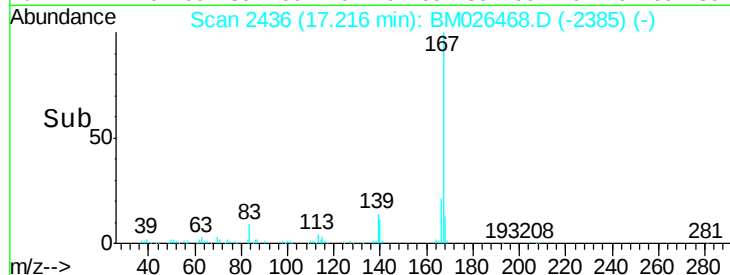
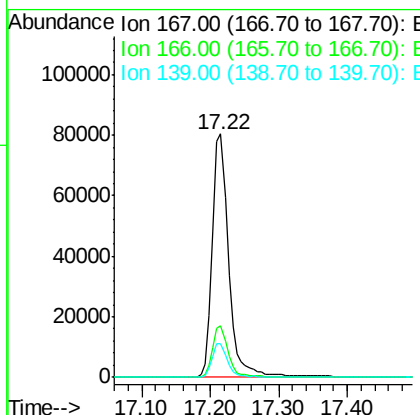
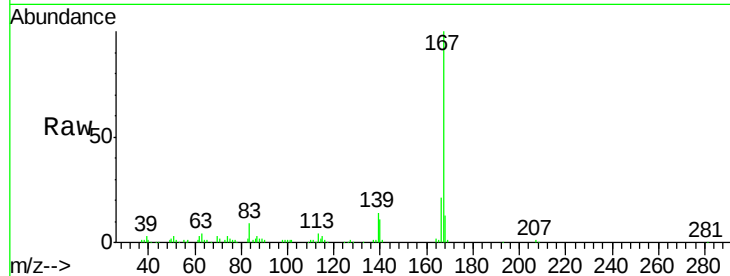
#73
 Carbazole
 Concen: 4.258 ng
 RT: 17.22 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	13.8	10.2	15.4

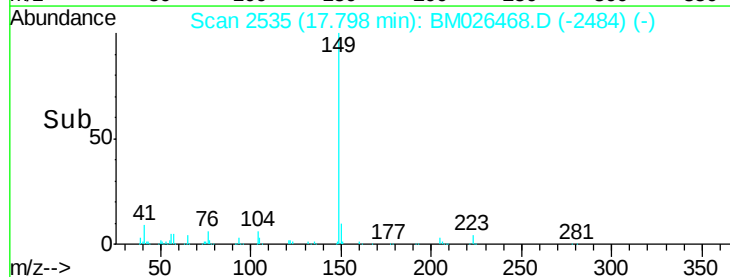
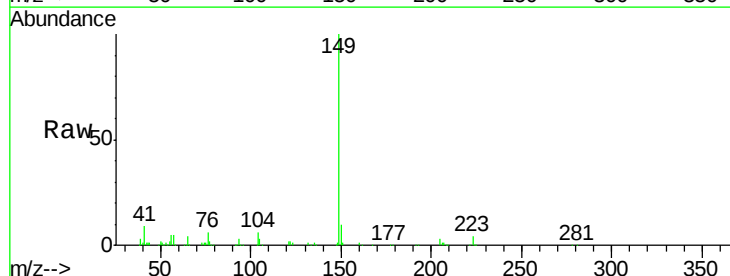
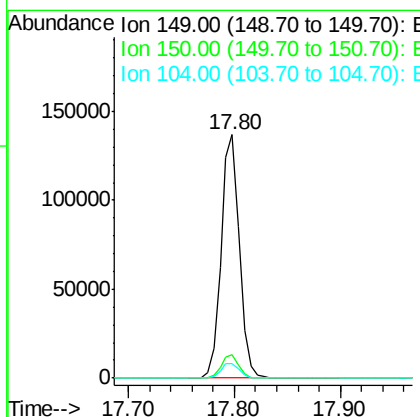
Manual Integrations
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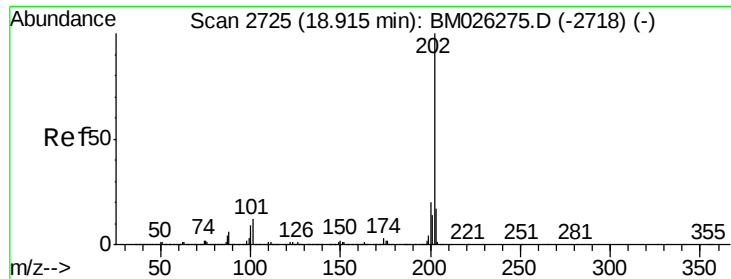
mohammad
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#74
 Di-n-butylphthalate
 Concen: 4.444 ng
 RT: 17.80 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	5.8	4.2	6.2





#75

Fluoranthene

Concen: 4.900 ng

RT: 18.87 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

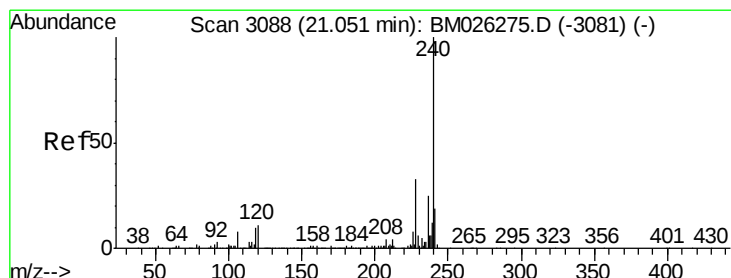
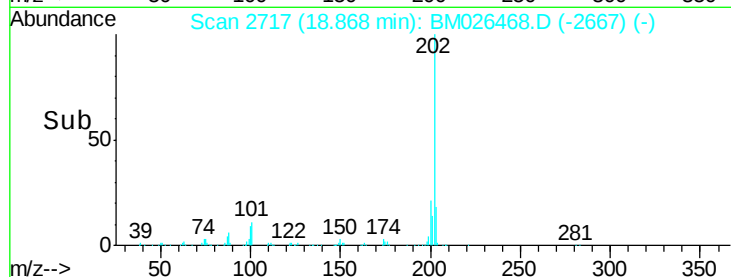
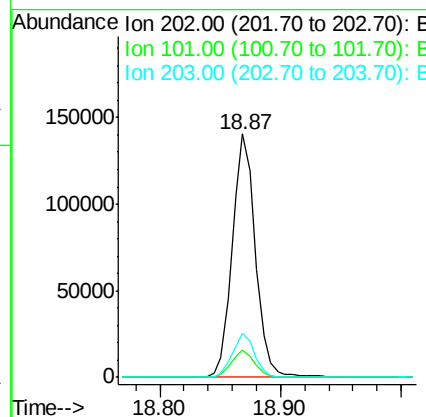
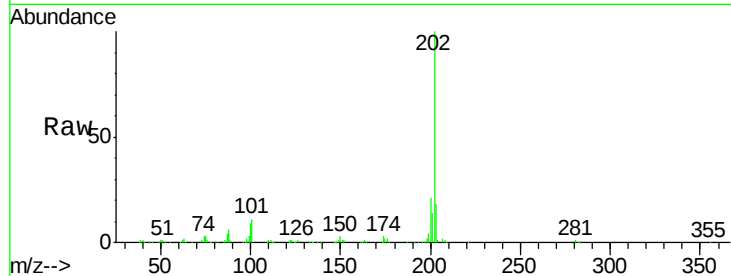
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	31.9
203	17.8	0.0	37.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

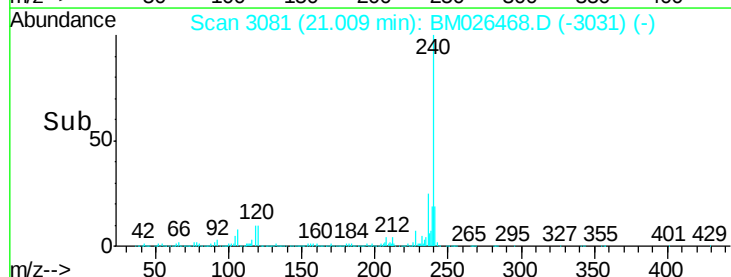
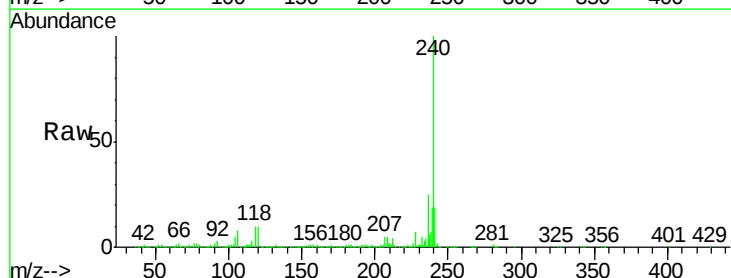
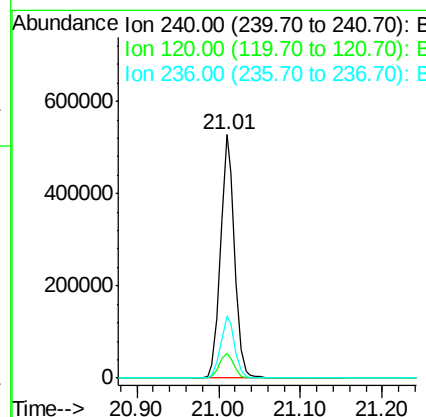
RT: 21.01 min Scan# 3081

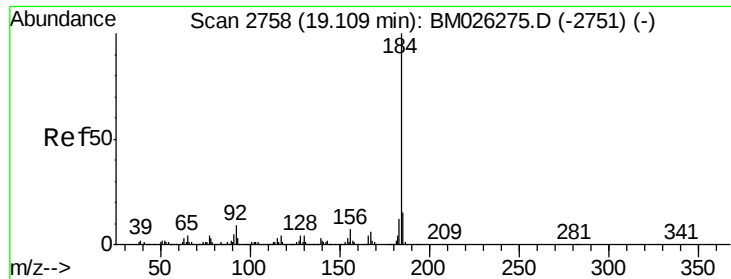
Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.3	13.9
236	25.4	19.4	29.0





#77

Benzidine

Concen: 4.051 ng

RT: 19.07 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:184 Resp: 52997

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

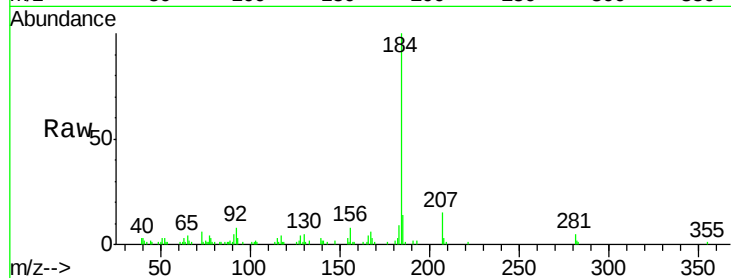
183 8.8 9.4 14.2#

Manual Integrations

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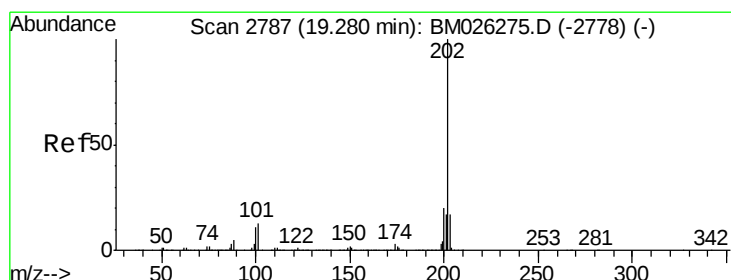
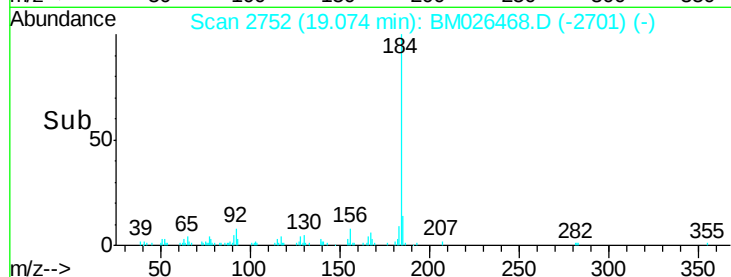
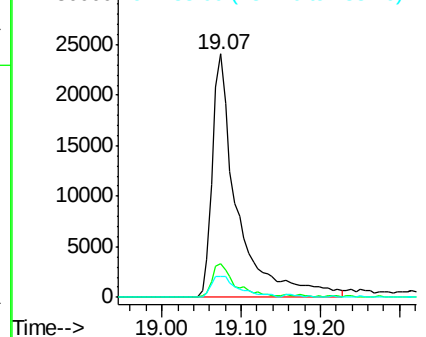
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 4.694 ng

RT: 19.23 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

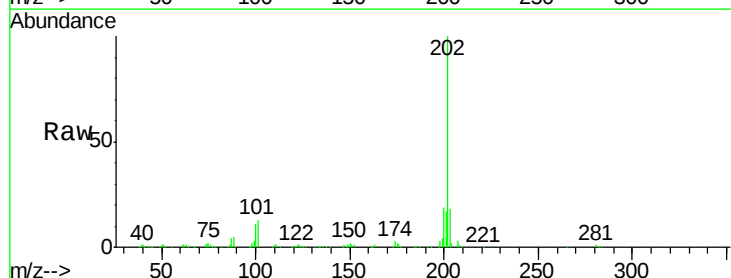
Tgt Ion:202 Resp: 195330

Ion Ratio Lower Upper

202 100

200 19.5 16.3 24.5

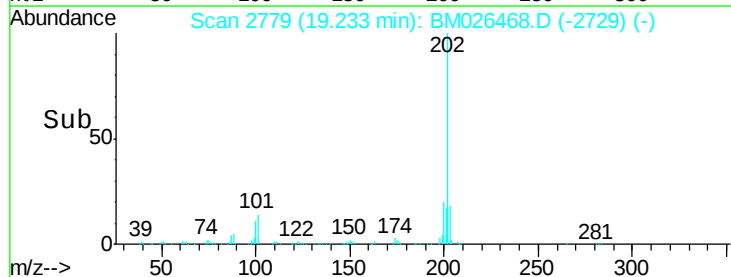
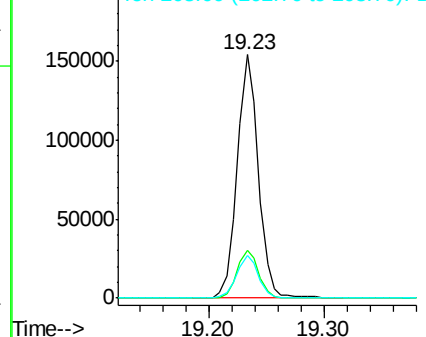
203 17.7 13.8 20.6

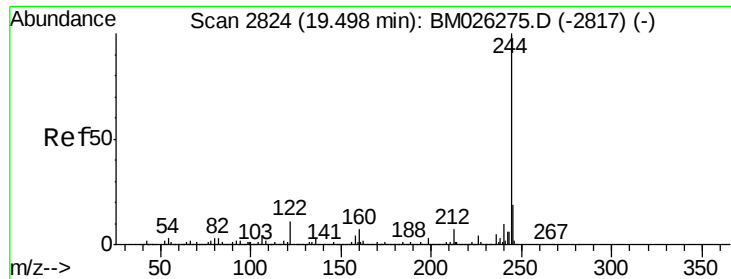


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





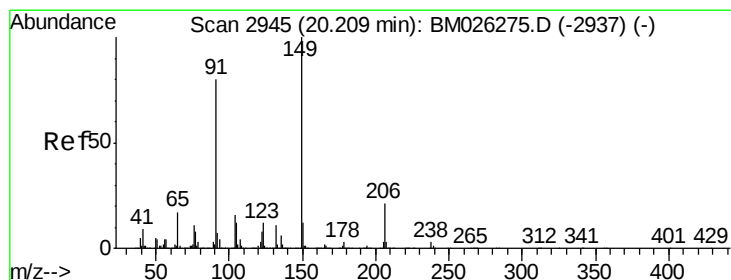
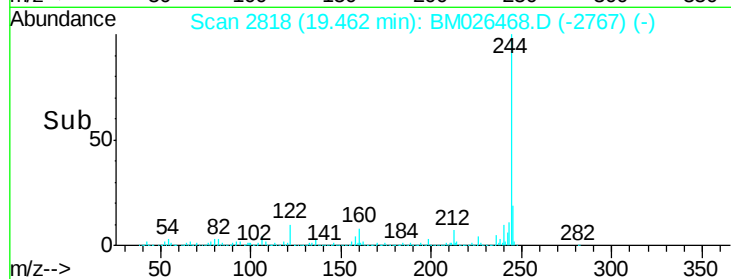
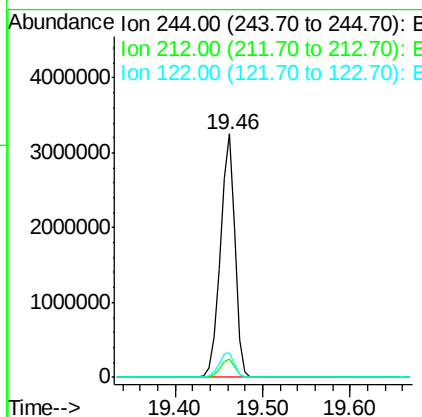
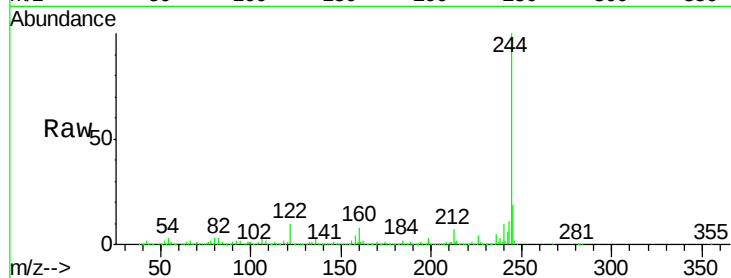
#79
 Terphenyl-d14
 Concen: 115.613 ng
 RT: 19.46 min Scan# 2818
 Delta R.T. 0.00 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:244 Resp: 3750950
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.3 8.6 13.0

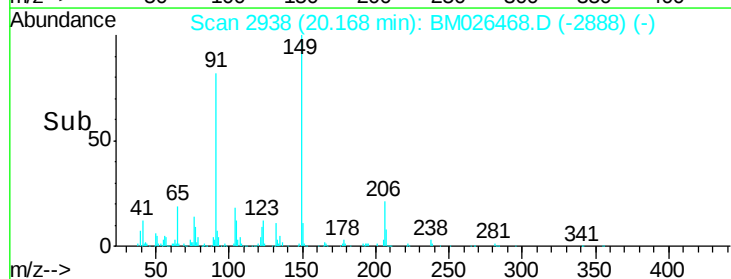
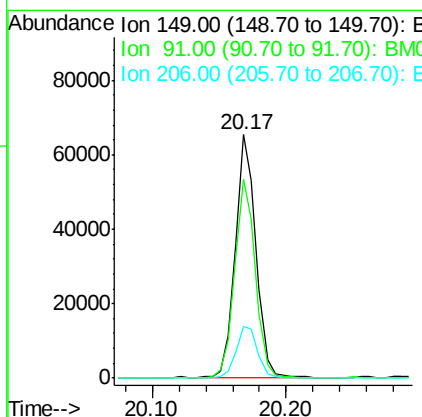
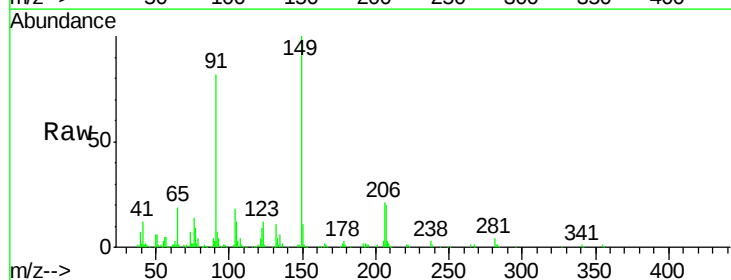
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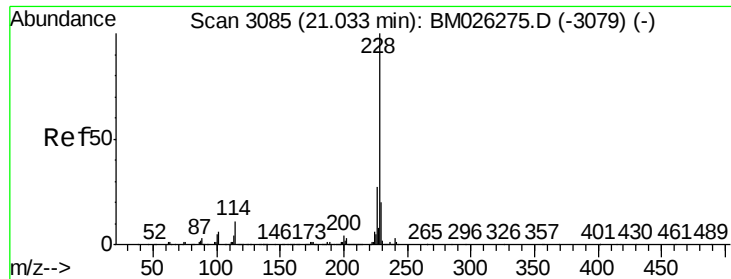
mohammad
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#80
 Butylbenzylphthalate
 Concen: 4.229 ng
 RT: 20.17 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BM026468.D
 Acq: 19 Jun 2020 15:57

Tgt Ion:149 Resp: 71171
 Ion Ratio Lower Upper
 149 100
 91 81.8 64.6 97.0
 206 21.4 17.6 26.4





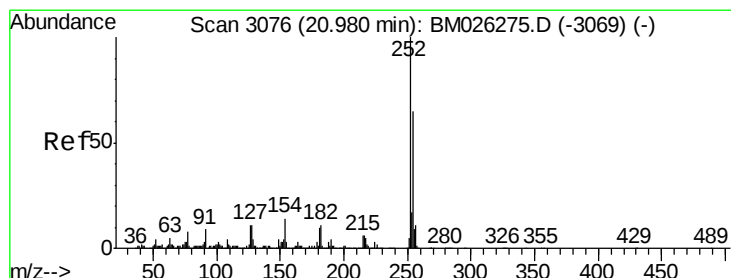
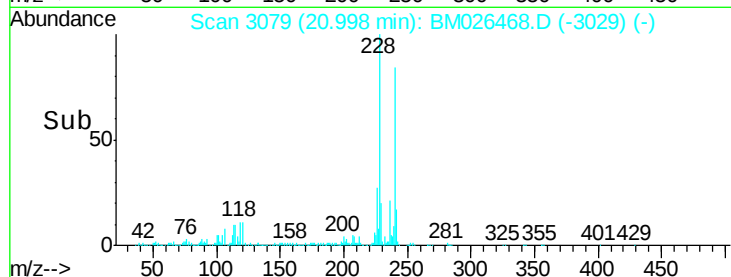
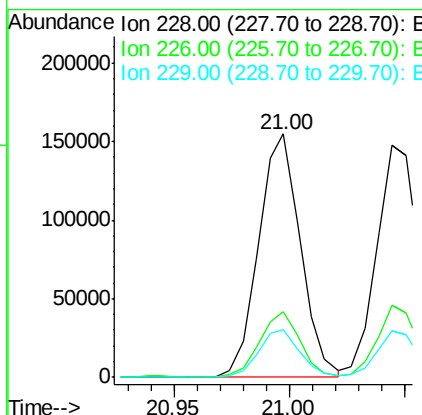
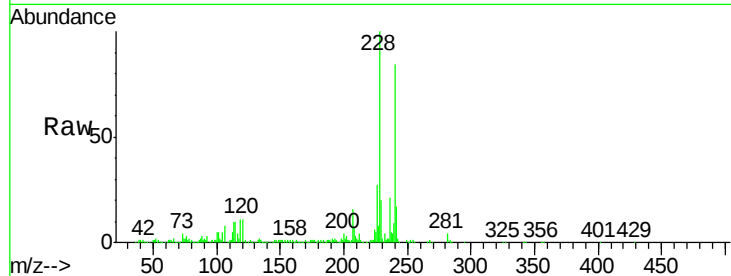
#81
Benzo(a)anthracene
Concen: 5.157 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.1	31.7
229	19.7	15.7	23.5

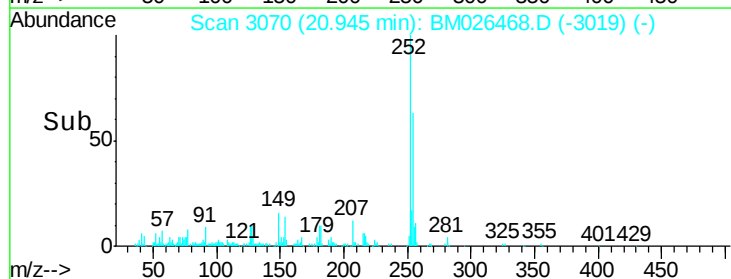
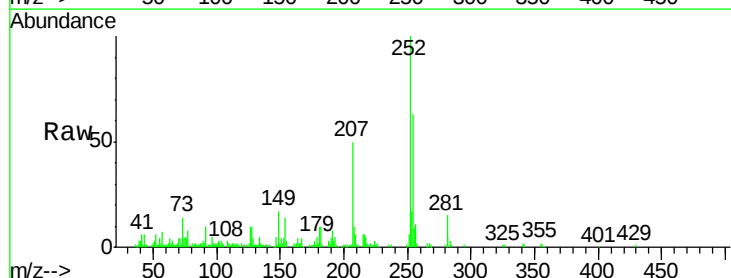
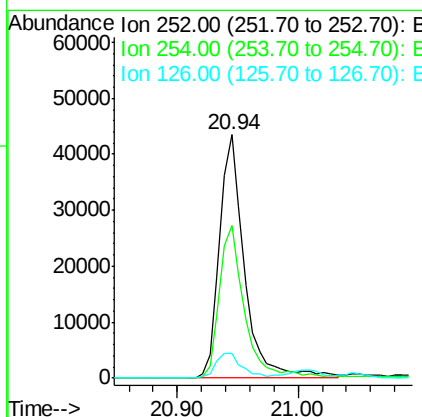
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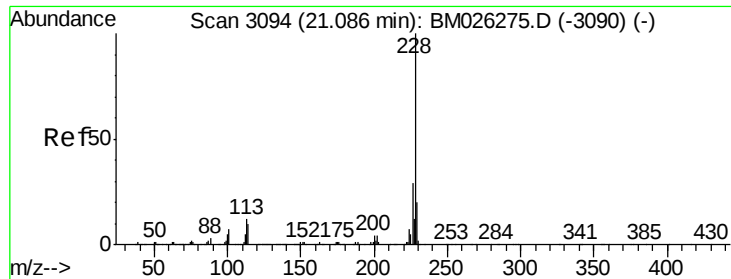
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 5.337 ng
RT: 20.94 min Scan# 3070
Delta R.T. 0.00 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.0	76.6
126	10.1	9.2	13.8





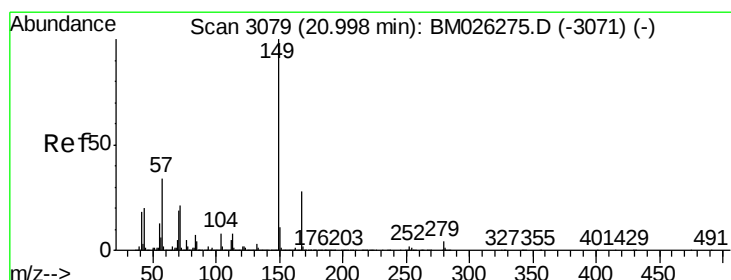
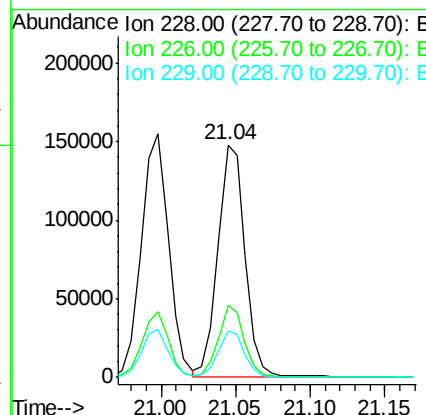
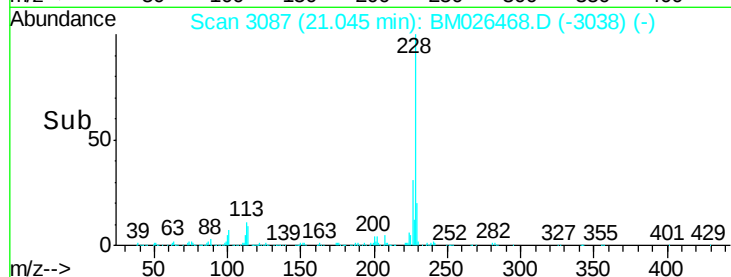
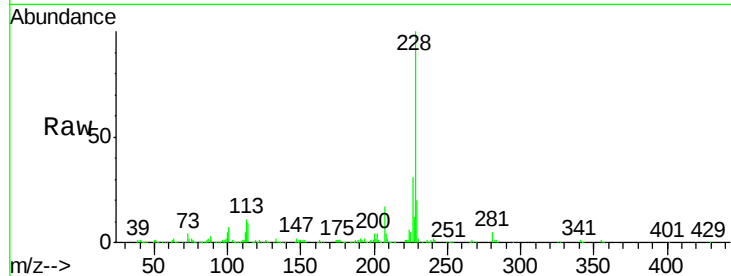
#83
Chrysene
Concen: 5.213 ng
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	20.1	15.5	23.3

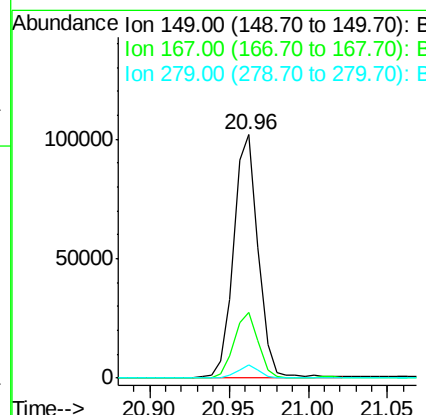
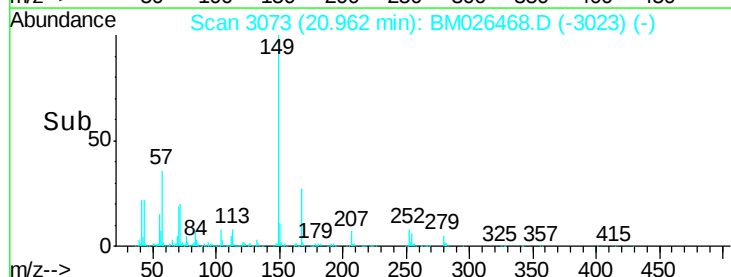
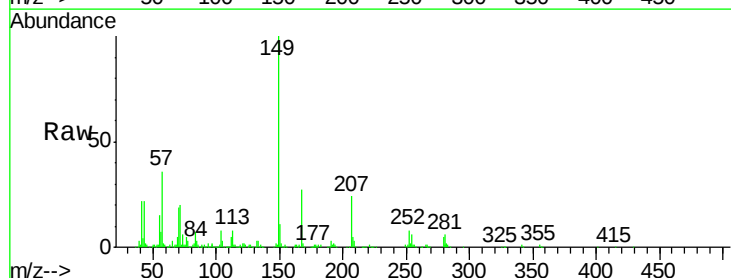
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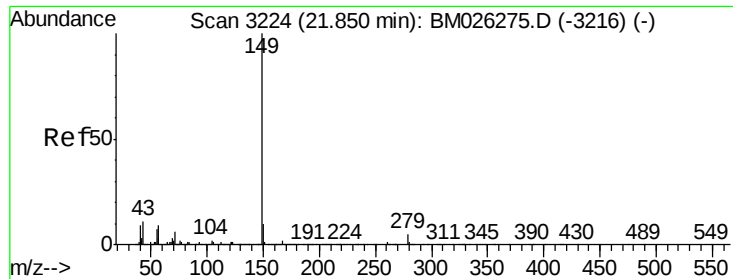
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.526 ng
RT: 20.96 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	5.2	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 4.695 ng

RT: 21.80 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Instrument :

BNA_M

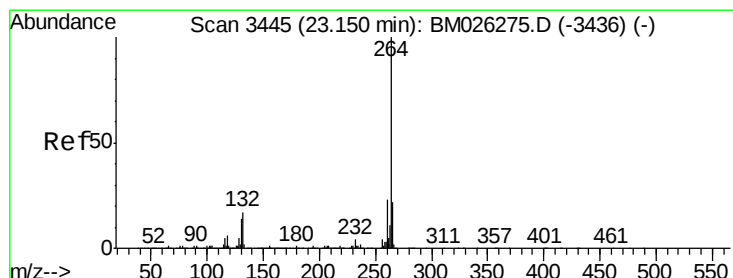
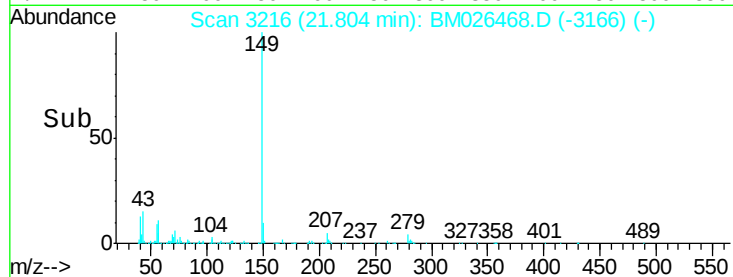
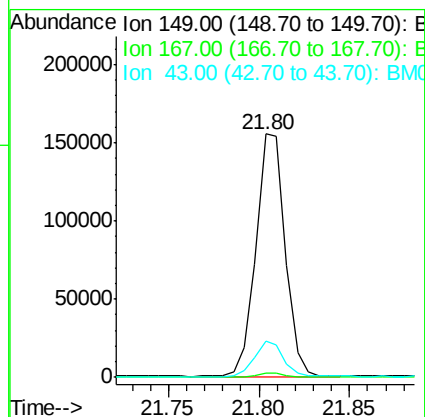
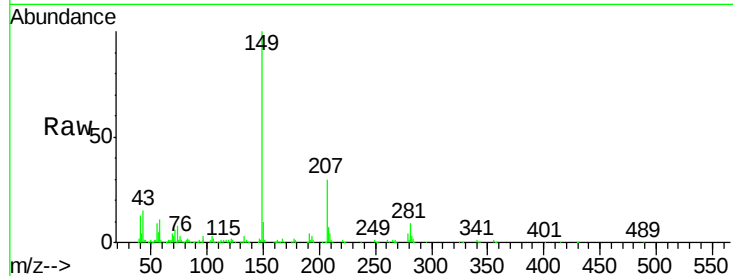
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	149	Resp:	173798
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	14.7	10.3	15.5

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

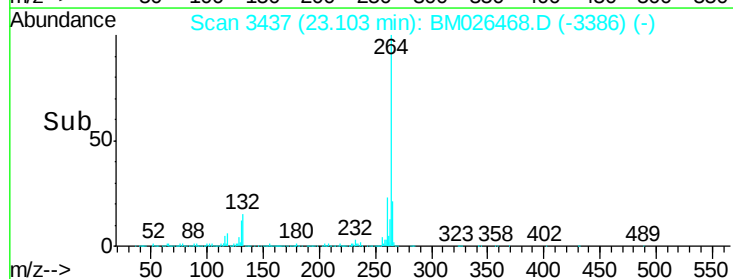
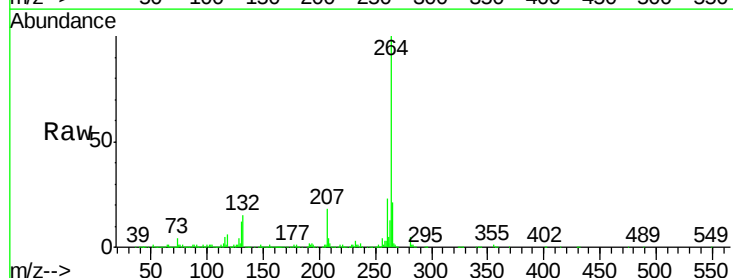
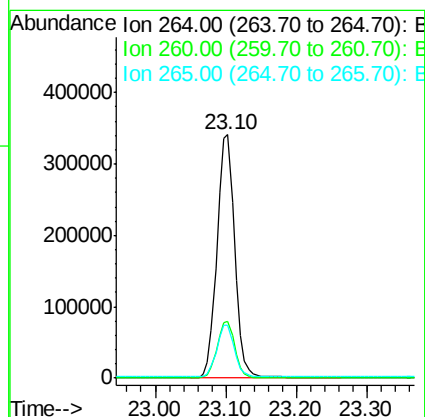
RT: 23.10 min Scan# 3437

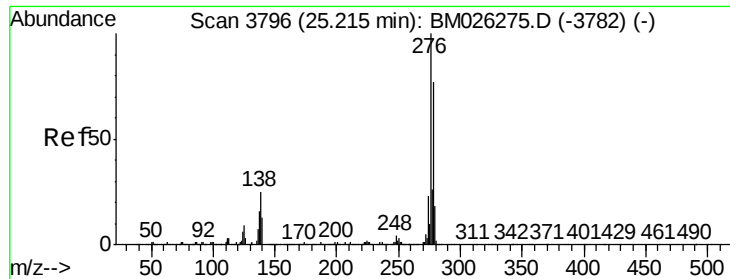
Delta R.T. 0.00 min

Lab File: BM026468.D

Acq: 19 Jun 2020 15:57

Tgt Ion:	264	Resp:	599070
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	21.5	17.8	26.6





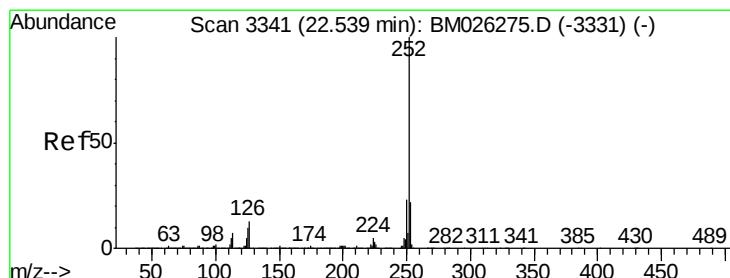
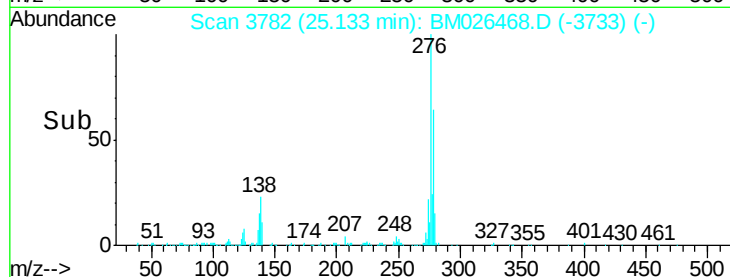
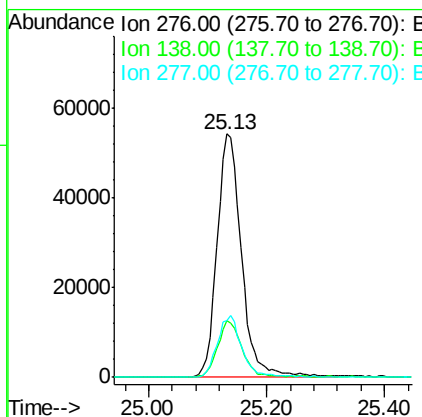
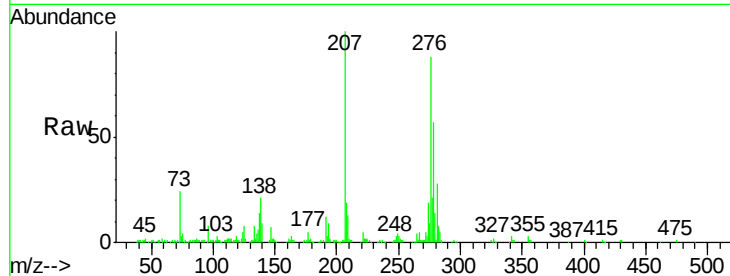
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.514 ng
RT: 25.13 min Scan# 3782
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.0	28.6
277	24.8	20.2	30.4

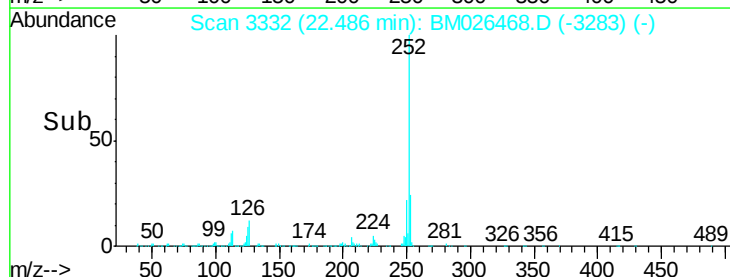
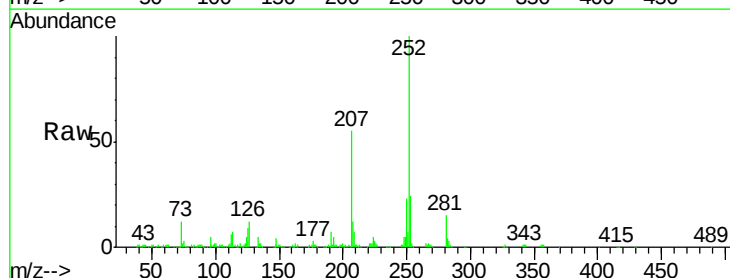
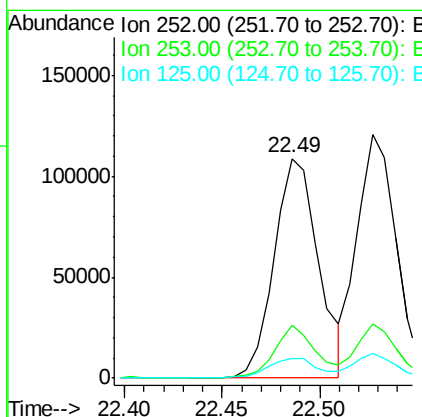
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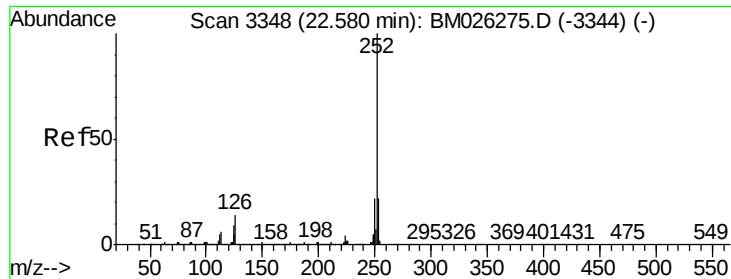
mohammad
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#88
Benzo(b)fluoranthene
Concen: 4.740 ng
RT: 22.49 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	9.2	8.0	12.0





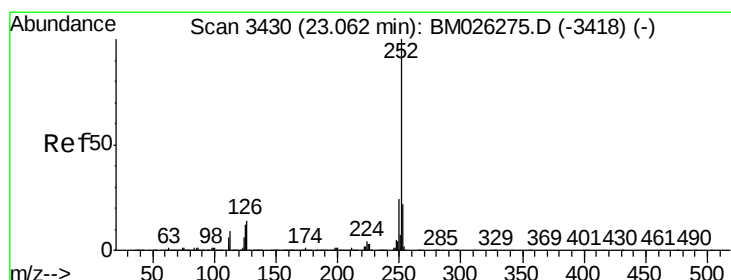
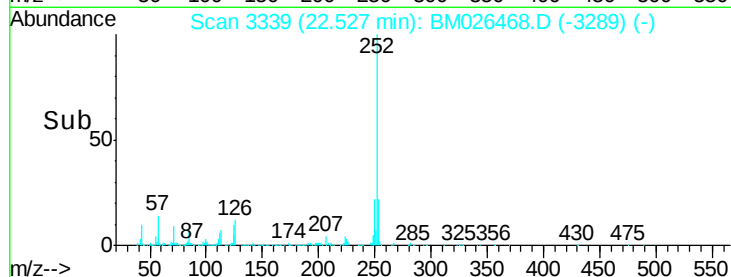
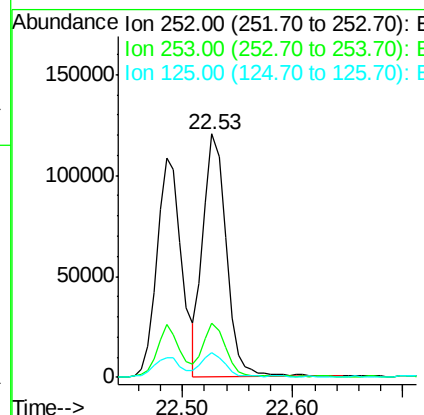
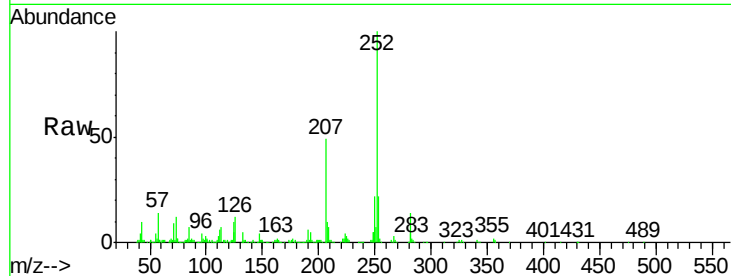
#89
Benzo(k)fluoranthene
Concen: 4.909 ng
RT: 22.53 min Scan# 3339
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.3	7.8	11.8

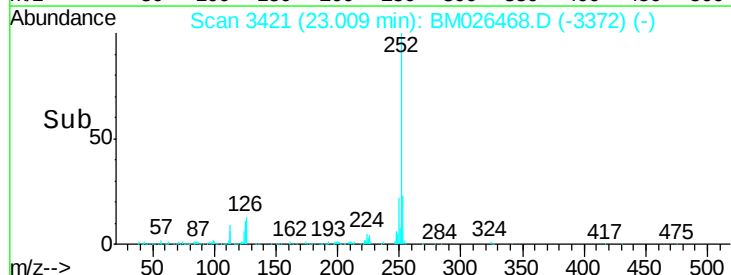
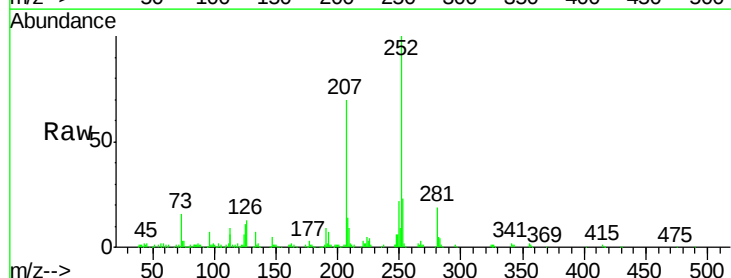
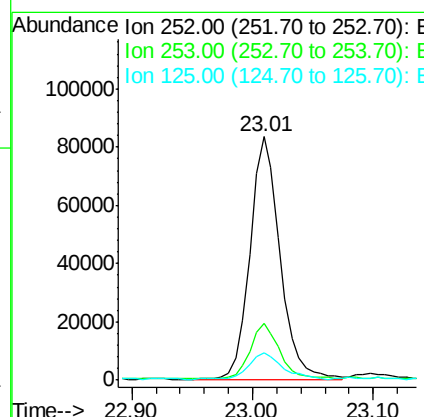
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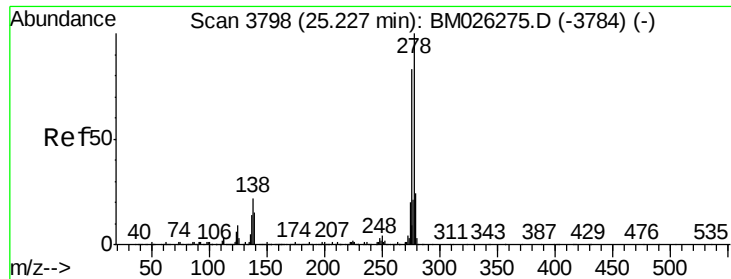
mohammad
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#90
Benzo(a)pyrene
Concen: 4.521 ng
RT: 23.01 min Scan# 3421
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.4	8.6	12.8





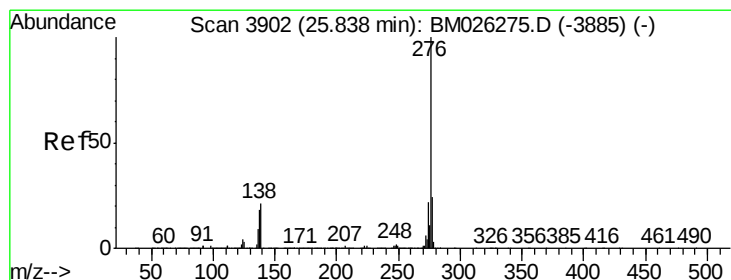
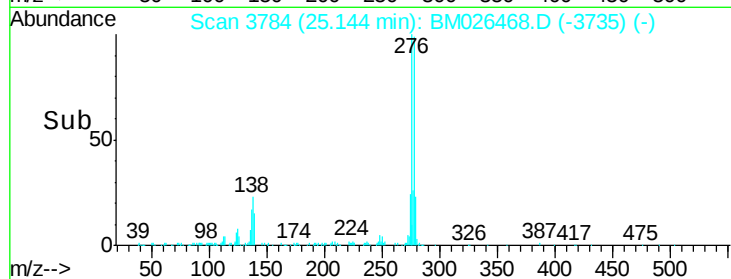
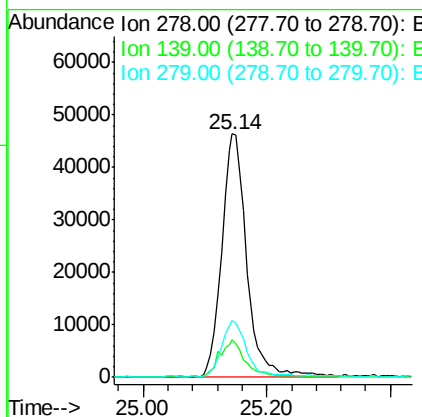
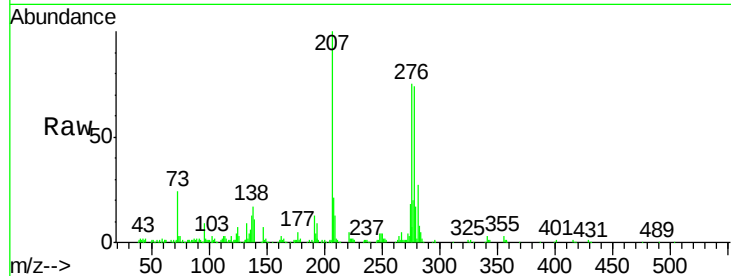
#91
Dibenzo(a,h)anthracene
Concen: 4.525 ng
RT: 25.14 min Scan# 3784
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.3	18.5
279	23.5	18.9	28.3

Manual Integrations
APPROVED

mohammad
6/22/2020 3:23:20 PM



#92
Benzo(g,h,i)perylene
Concen: 4.681 ng
RT: 25.75 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM026468.D
Acq: 19 Jun 2020 15:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	18.8	16.2	24.4

