

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024612.D
 Acq On : 23 Jan 2020 17:45
 Operator : CG/JU
 Sample : K5111-07
 Misc : 8 PPM LOD
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 1/24/2020 1:55:15 PM

Quant Time: Jan 24 11:46:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	240799	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1000740	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	711149	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1647528	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1703824	20.00	ng	0.00
87) Perylene-d12	23.17	264	1730996	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1677734	132.50	ng	0.00
7) Phenol-d6	6.65	99	2217580	127.14	ng	0.00
23) Nitrobenzene-d5	8.59	82	1527518	74.86	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1531281	132.37	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3965055	75.80	ng	0.00
79) Terphenyl-d14	19.50	244	7877194	86.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	43566	8.698	ng	97
3) Pyridine	3.46	79	123362	8.496	ng	97
4) n-Nitrosodimethylamine	3.38	42	51364	7.970	ng	# 98
6) Aniline	6.79	93	172358	8.117	ng	97
8) 2-Chlorophenol	7.02	128	114365	7.934	ng	95
9) Benzaldehyde	6.60	77	81217m	7.880	ng	
10) Phenol	6.66	94	136151	7.831	ng	89
11) bis(2-Chloroethyl)ether	6.89	93	111202	7.989	ng	96
12) 1,3-Dichlorobenzene	7.33	146	148222	8.370	ng	97
13) 1,4-Dichlorobenzene	7.48	146	146453	8.152	ng	97
14) 1,2-Dichlorobenzene	7.79	146	140031	8.075	ng	98
15) Benzyl Alcohol	7.69	79	111629	7.762	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.97	45	103618	8.132	ng	95
17) 2-Methylphenol	7.89	107	93628	7.641	ng	99
18) Hexachloroethane	8.50	117	56923	8.206	ng	97
19) n-Nitroso-di-n-propylamine	8.25	70	104462	7.977	ng	98
20) 3+4-Methylphenols	8.22	107	127043	7.490	ng	98
22) Acetophenone	8.26	105	203545	7.888	ng	98
24) Nitrobenzene	8.62	77	161822	8.275	ng	96
25) Isophorone	9.15	82	269299	7.767	ng	99
26) 2-Nitrophenol	9.33	139	64113	7.081	ng	97
27) 2,4-Dimethylphenol	9.40	122	93770	7.621	ng	98
28) bis(2-Chloroethoxy)methane	9.64	93	166873	7.878	ng	99
29) 2,4-Dichlorophenol	9.86	162	121671	7.319	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	156920	7.827	ng	99
31) Naphthalene	10.25	128	397068	7.856	ng	99
32) Benzoic acid	9.50	122	68090m	6.049	ng	
33) 4-Chloroaniline	10.37	127	167231	7.548	ng	99
34) Hexachlorobutadiene	10.56	225	109794	7.922	ng	95
35) Caprolactam	11.12	113	35928	6.736	ng	87
36) 4-Chloro-3-methylphenol	11.50	107	129995	7.354	ng	99
37) 2-Methylnaphthalene	11.87	142	302159	7.746	ng	99
38) 1-Methylnaphthalene	12.10	142	289751	7.809	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	200453	7.898	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	105219	7.396	ng	99
43) 2,4,6-Trichlorophenol	12.50	196	116500	7.213	ng	97
44) 2,4,5-Trichlorophenol	12.57	196	120349	7.296	ng	99
46) 1,1'-Biphenyl	12.92	154	429776	7.986	ng	99
47) 2-Chloronaphthalene	12.95	162	342064	7.873	ng	98
48) 2-Nitroaniline	13.16	65	94969	7.167	ng	99
49) Acenaphthylene	13.80	152	501832	7.716	ng	99
50) Dimethylphthalate	13.56	163	450791	7.839	ng	99
51) 2,6-Dinitrotoluene	13.67	165	91339	7.471	ng	97
52) Acenaphthene	14.16	154	312519	7.743	ng	99
53) 3-Nitroaniline	14.00	138	87947	6.936	ng	100
54) 2,4-Dinitrophenol	14.20	184	38606	5.280	ng	94
55) Dibenzofuran	14.49	168	518096	7.871	ng	99
56) 4-Nitrophenol	14.32	139	65062	6.564	ng	97
57) 2,4-Dinitrotoluene	14.46	165	123980	7.076	ng	96
58) Fluorene	15.15	166	419204	7.578	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	124509	7.443	ng	98
60) Diethylphthalate	14.95	149	452134	7.745	ng	99
61) 4-Chlorophenyl-phenylether	15.16	204	246911	7.742	ng	97
62) 4-Nitroaniline	15.16	138	96368	6.885	ng	93
63) Azobenzene	15.44	77	389567	7.823	ng	97
65) 4,6-Dinitro-2-methylphenol	15.23	198	59766	6.170	ng	99
66) n-Nitrosodiphenylamine	15.37	169	362051	7.650	ng	99
67) 4-Bromophenyl-phenylether	16.05	248	156458	7.636	ng	99
68) Hexachlorobenzene	16.16	284	189607	8.064	ng	99
69) Atrazine	16.33	200	132587	7.299	ng	98
70) Pentachlorophenol	16.50	266	99254	6.931	ng	95
71) Phenanthrene	16.89	178	691759	7.754	ng	99
72) Anthracene	16.97	178	661190	7.574	ng	99
73) Carbazole	17.24	167	604235	7.603	ng	98
74) Di-n-butylphthalate	17.84	149	738308	7.267	ng	99
75) Fluoranthene	18.91	202	843985	7.579	ng	99
77) Benzidine	19.11	184	260671	6.569	ng	98
78) Pyrene	19.27	202	872869	7.771	ng	99
80) Butylbenzylphthalate	20.22	149	313995	6.662	ng	98
81) Benzo(a)anthracene	21.04	228	914760	7.735	ng	99
82) 3,3'-Dichlorobenzidine	20.98	252	289747	6.811	ng	100
83) Chrysene	21.09	228	879920	7.798	ng	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	469195	6.747	ng	98
85) Di-n-octyl phthalate	21.86	149	722821	6.291	ng	99
86) Indeno(1,2,3-cd)pyrene	25.23	276	795775	6.470	ng	98
88) Benzo(b)fluoranthene	22.54	252	832018	7.411	ng	99
89) Benzo(k)fluoranthene	22.59	252	843509	7.697	ng	100
90) Benzo(a)pyrene	23.07	252	742885	7.278	ng	98
91) Dibenzo(a,h)anthracene	25.24	278	675563	6.973	ng	99
92) Benzo(g,h,i)perylene	25.85	276	610860	6.944	ng	98

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

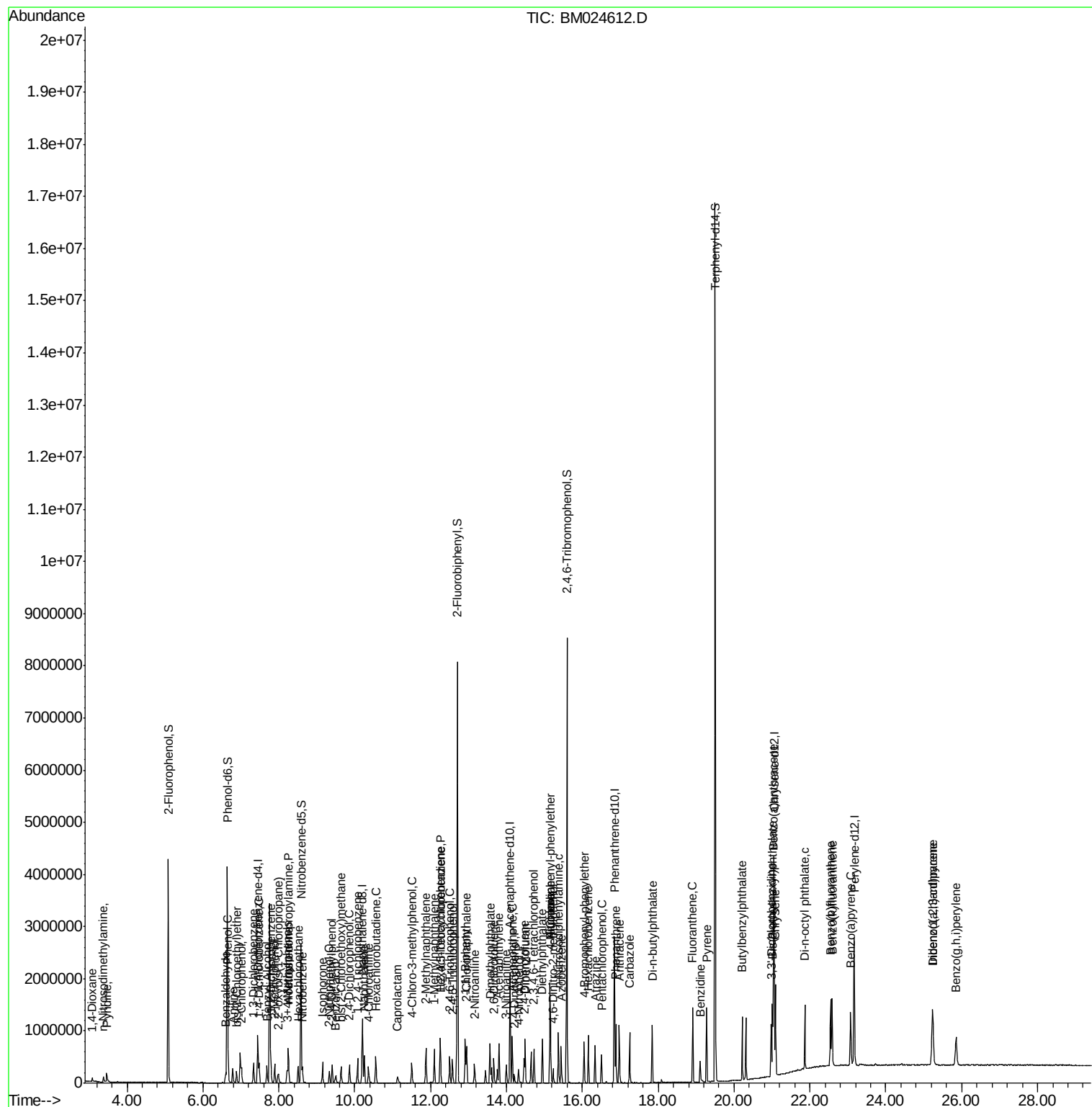
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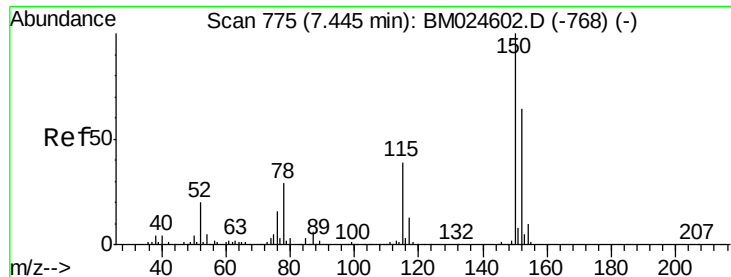
Instrument :
 BNA_M
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#1

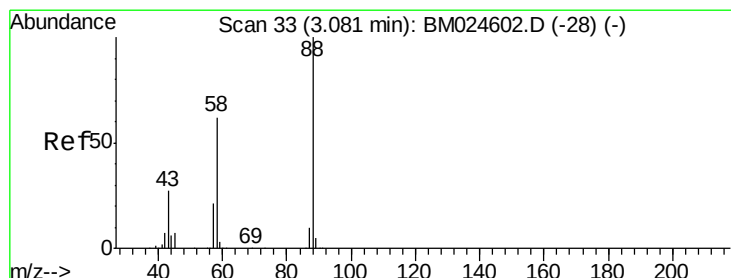
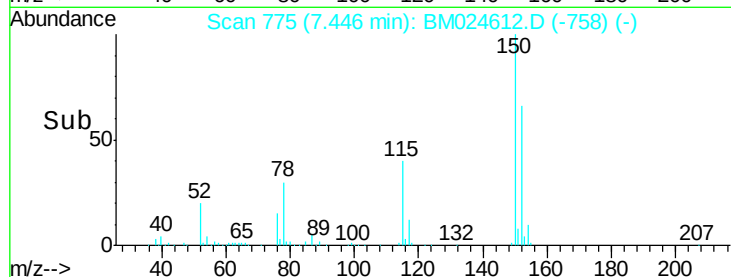
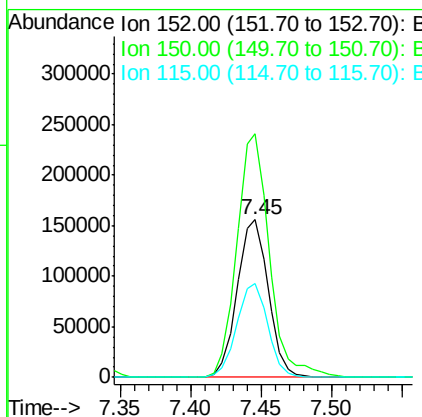
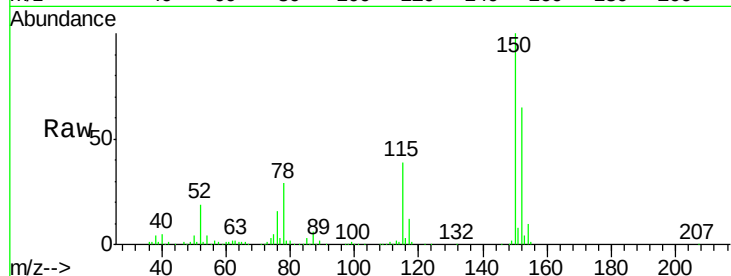
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.4
115	59.8	48.6	72.8

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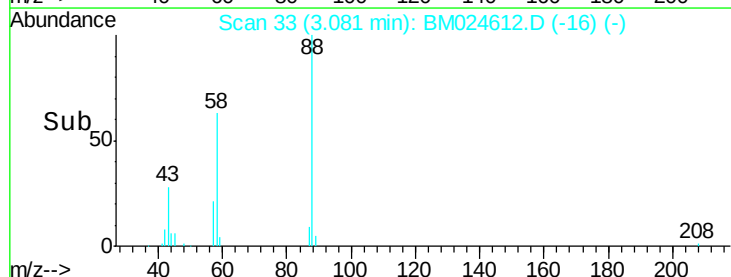
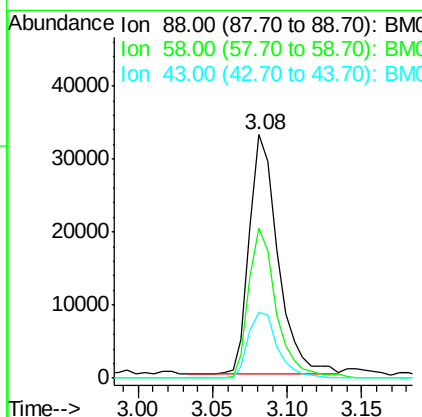
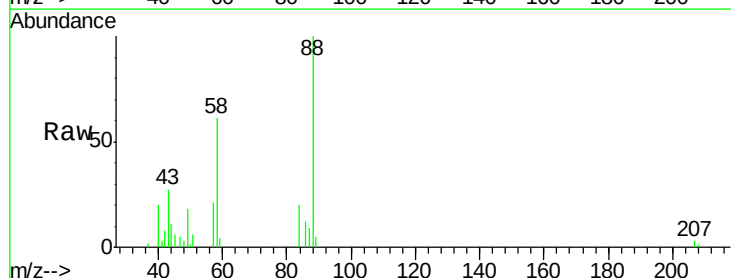
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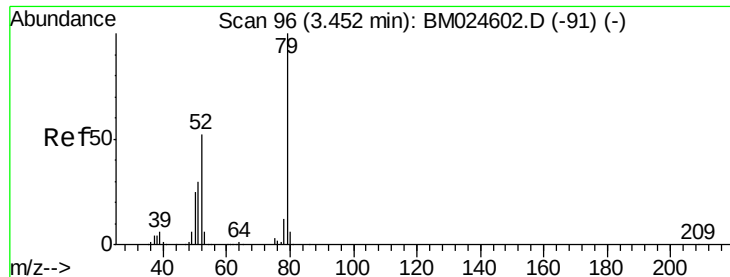


#2

1,4-Dioxane
Concen: 8.698 ng
RT: 3.08 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	50.0	75.0
43	28.3	21.6	32.4





#3

Pvridine

Concen: 8.496 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

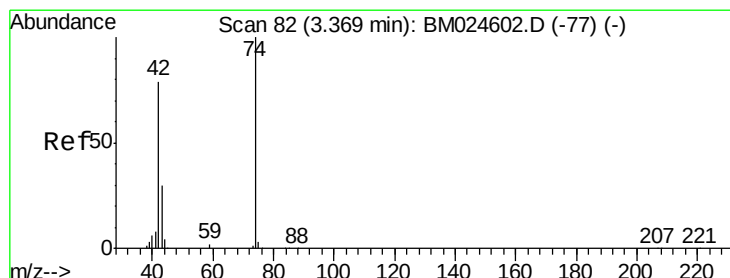
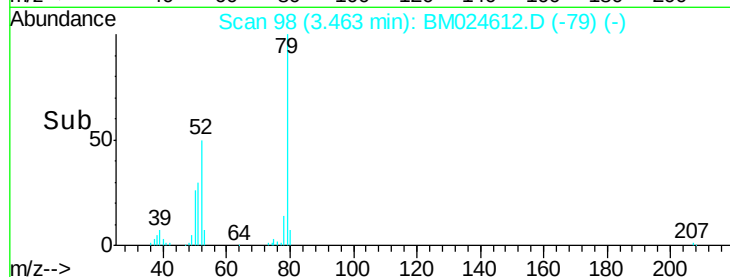
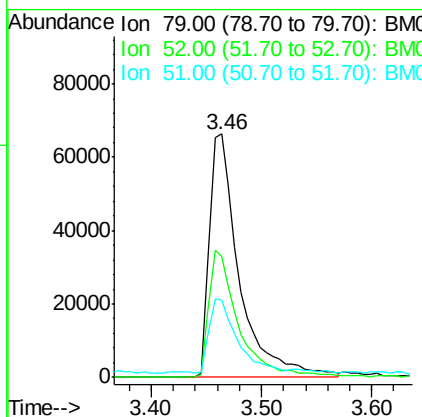
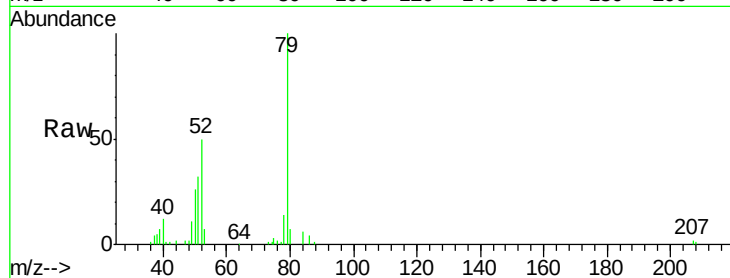
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	79	Resp:	123362
Ion Ratio	Lower	Upper	
79	100		
52	49.8	41.4	62.2
51	31.8	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 7.970 ng

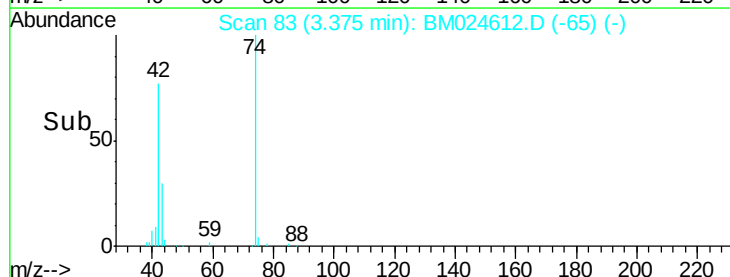
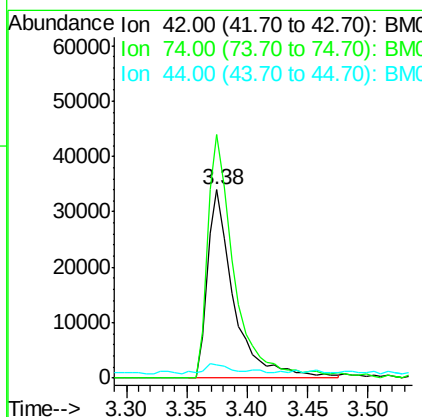
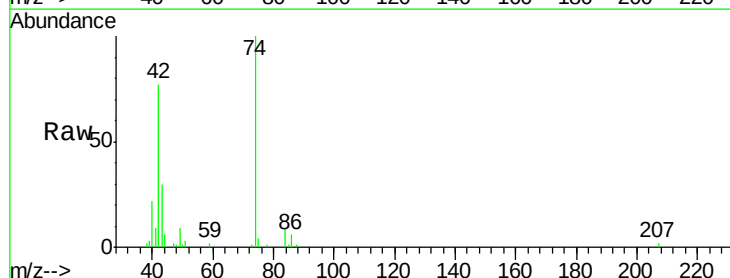
RT: 3.38 min Scan# 83

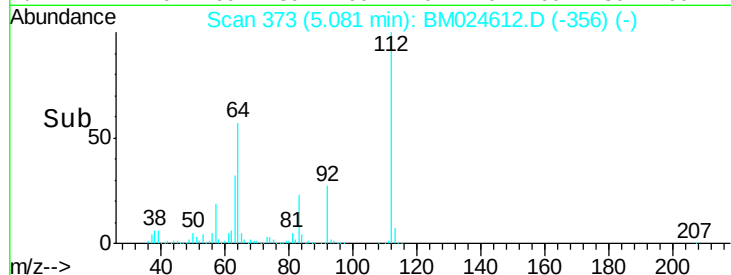
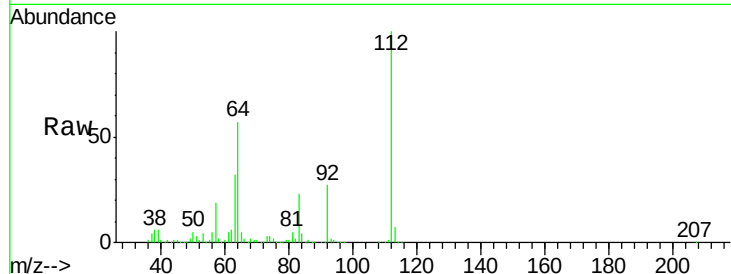
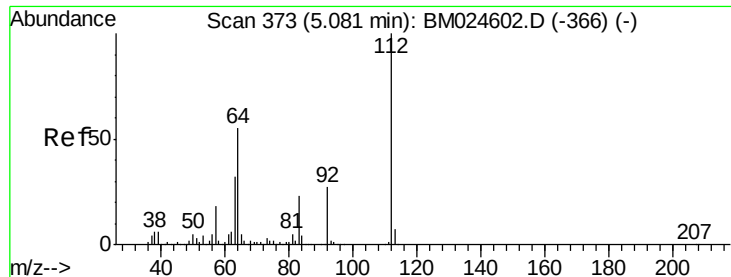
Delta R.T. 0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	42	Resp:	51364
Ion Ratio	Lower	Upper	
42	100		
74	129.2	101.4	152.2
44	7.2	4.6	6.8#





#5

2-Fluorophenol

Concen: 132.502 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tot Ion:	112	Resp:	1677734
Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.2	66.4
63	32.4	25.9	38.9

Instrument :

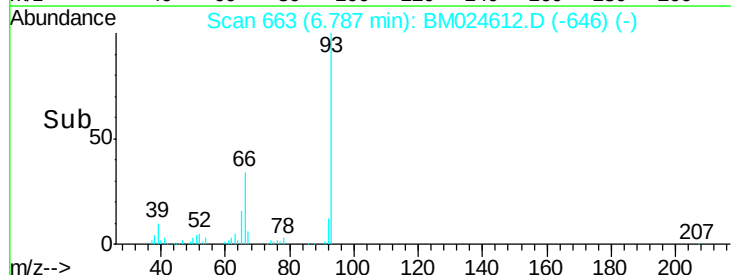
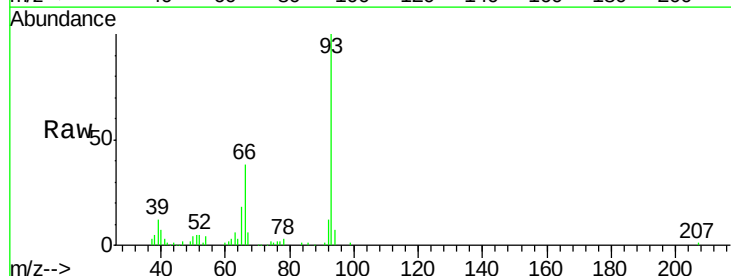
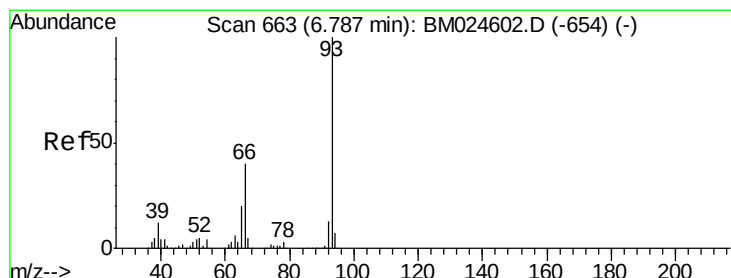
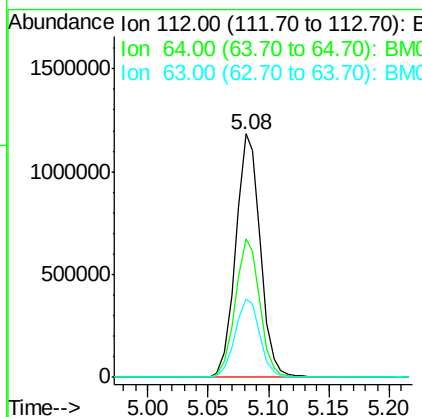
BNA_M

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LOD-MDL-WATER-01-QT4-2019

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#6

Aniline

Concen: 8.117 ng

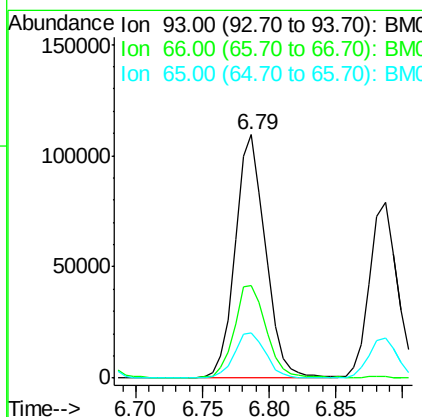
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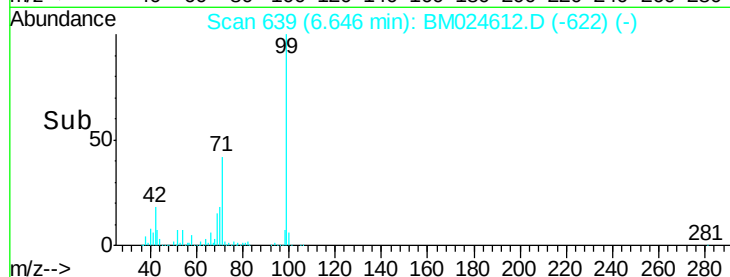
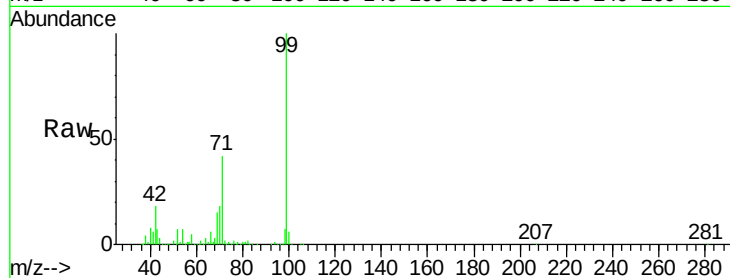
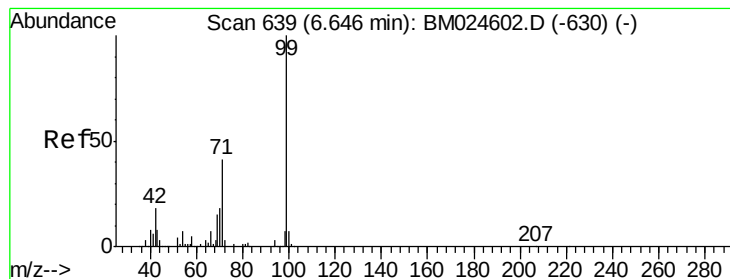
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	93	Resp:	172358
Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.8	47.8
65	18.3	15.8	23.6





#7

Phenol-d6

Concen: 127.135 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tot Ion:	99	Resp:	2217580
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	41.9	33.0	49.6

Instrument :

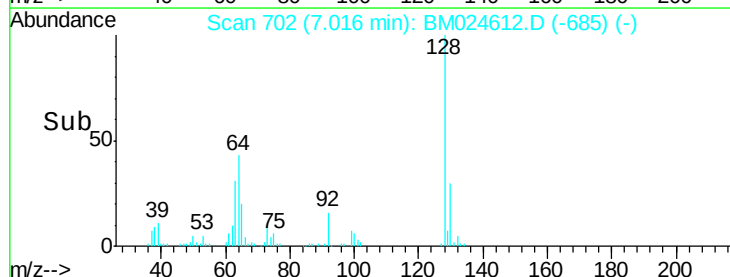
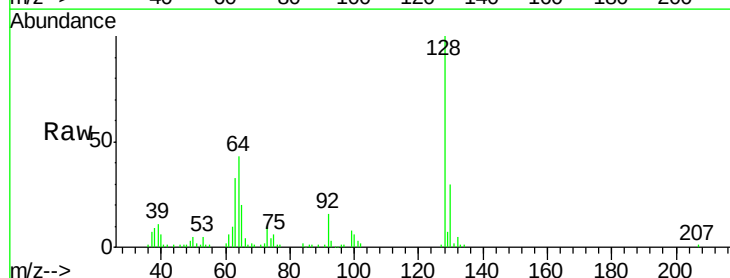
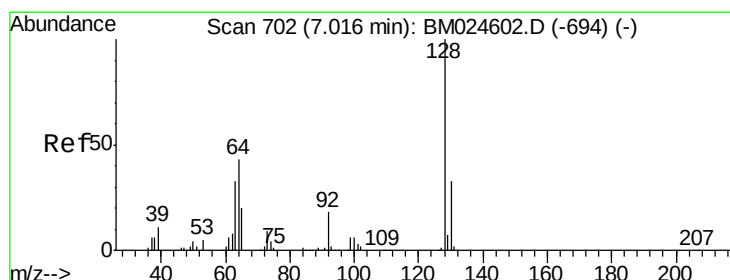
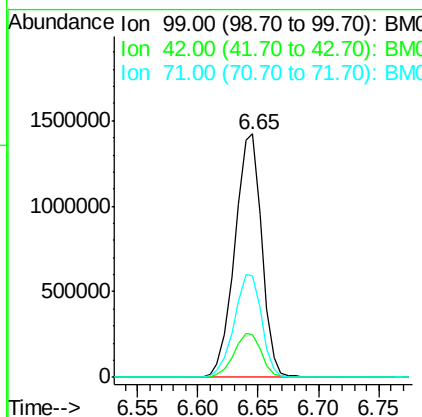
BNA_M

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LOD-MDL-WATER-01-QT4-2019

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#8

2-Chlorophenol

Concen: 7.934 ng

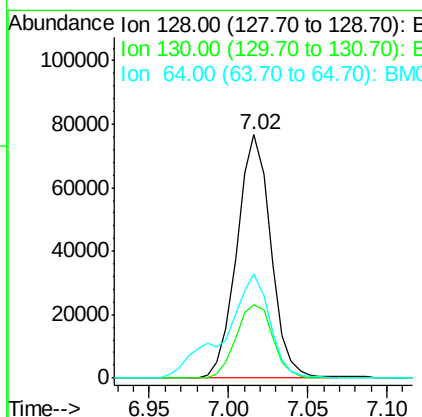
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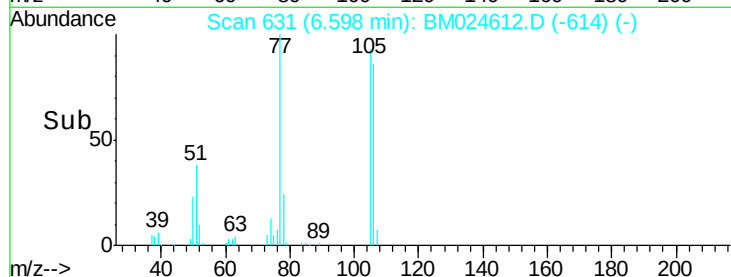
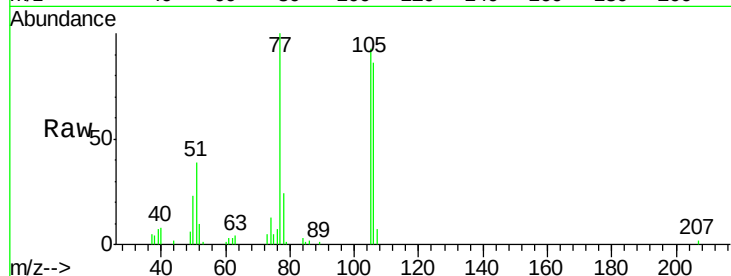
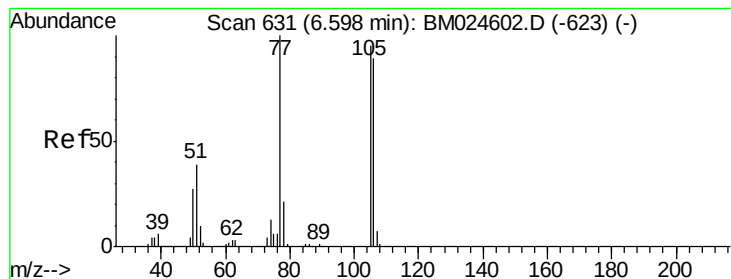
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	128	Resp:	114365
Ion	Ratio	Lower	Upper
128	100		
130	30.0	12.5	52.5
64	43.0	26.1	66.1





#9

Benzaldehyde

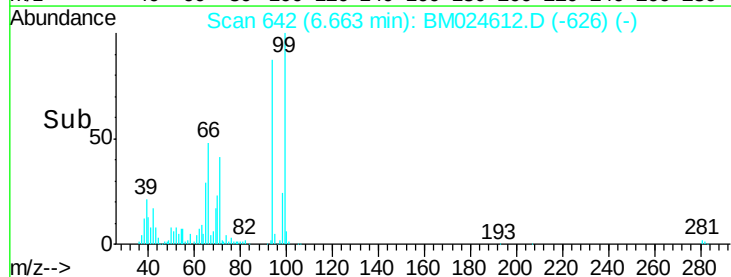
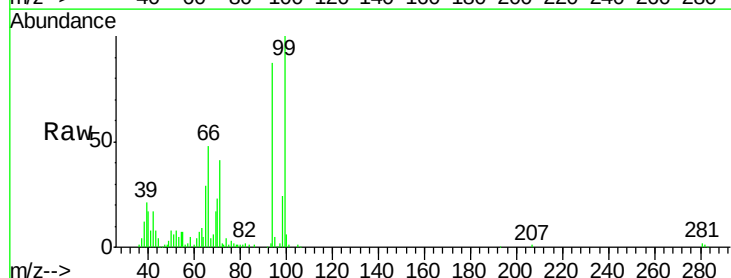
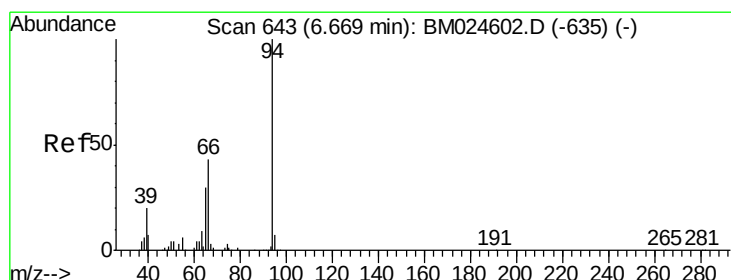
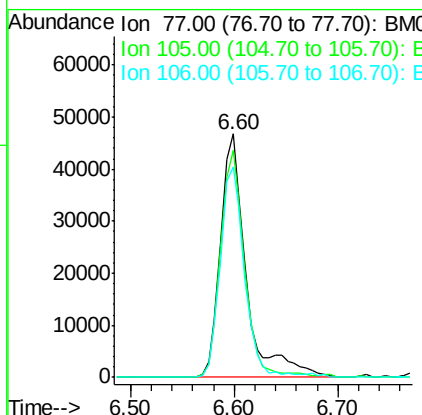
Concen: 7.880 ng/ml
 RT: 6.60 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	93.0	75.2	115.2		
106	86.4	68.6	108.6		

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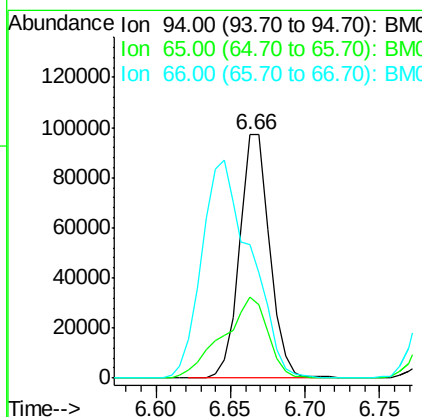


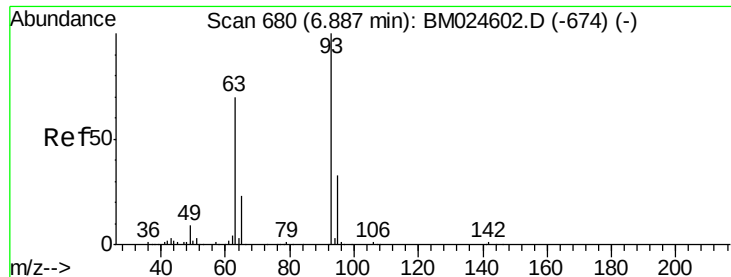
#10

Phenol

Concen: 7.831 ng/ml
 RT: 6.66 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.3	10.3	50.3		
66	54.9	24.8	64.8		





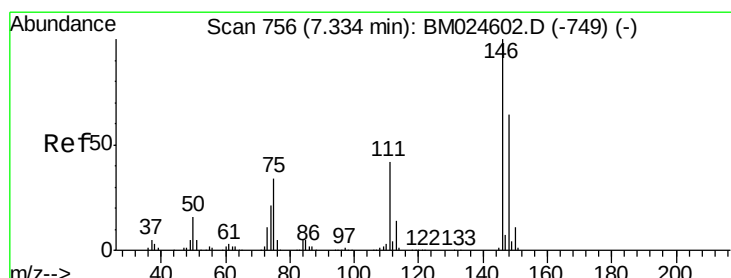
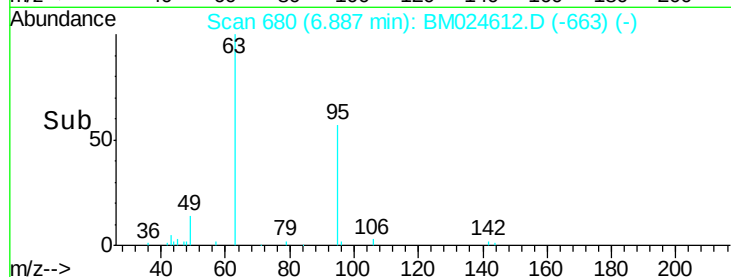
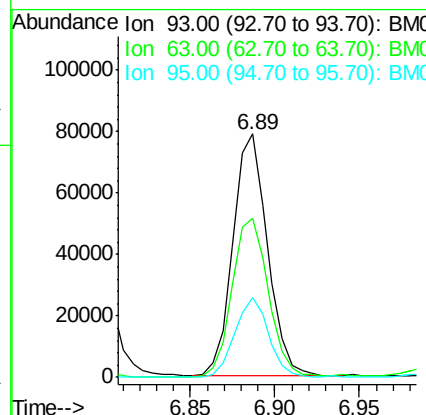
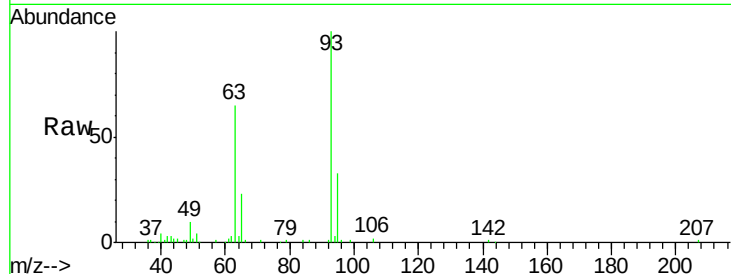
#11
bis(2-Chloroethyl)ether
Concen: 7.989 ng
RT: 6.89 min Scan# 680
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.3	49.6	89.6
95	32.7	12.6	52.6

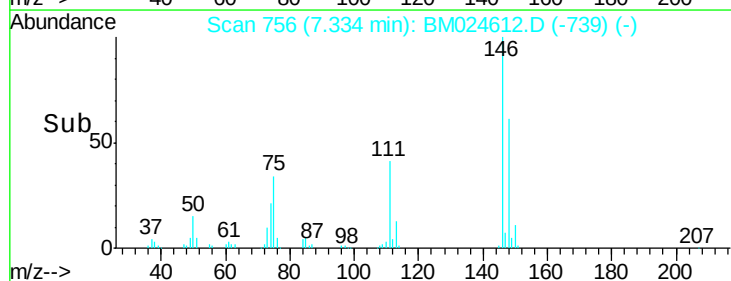
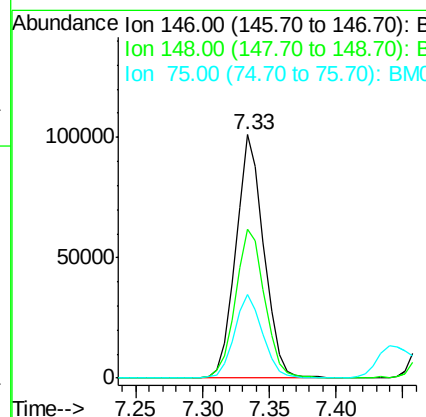
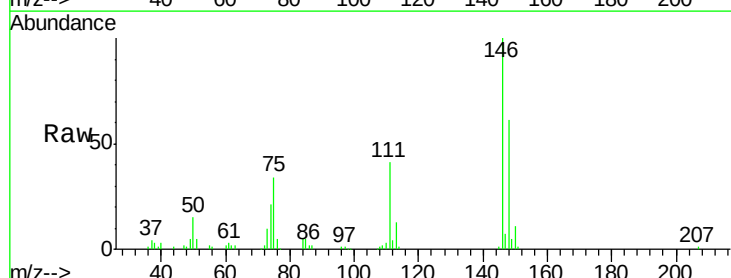
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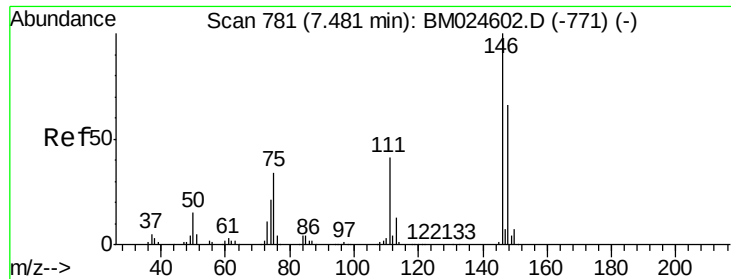
mohammad
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#12
1,3-Dichlorobenzene
Concen: 8.370 ng
RT: 7.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.0	76.6
75	34.4	27.0	40.4





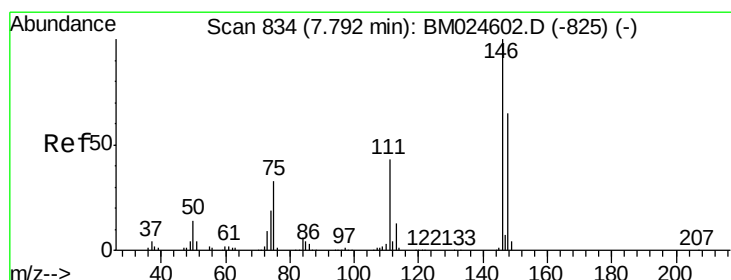
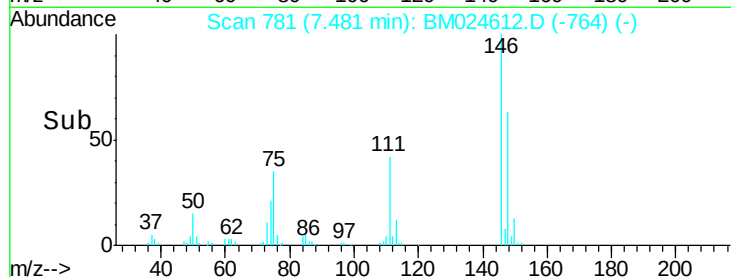
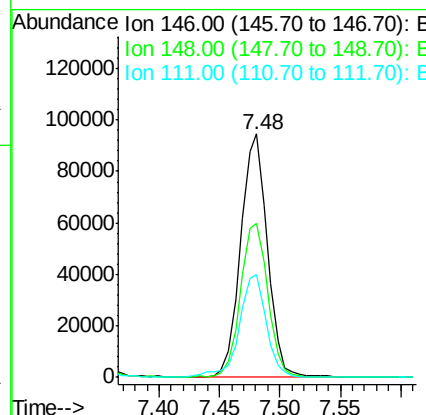
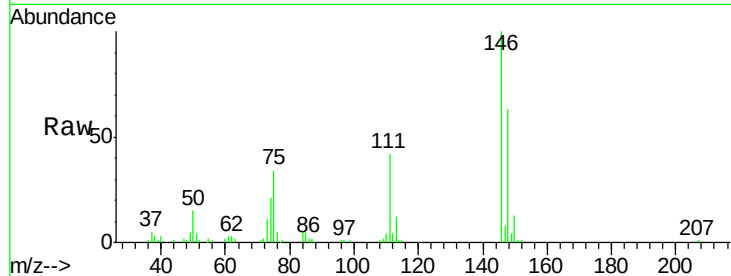
#13
 1,4-Dichlorobenzene
 Concen: 8.152 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.5	78.7
111	42.1	33.0	49.4

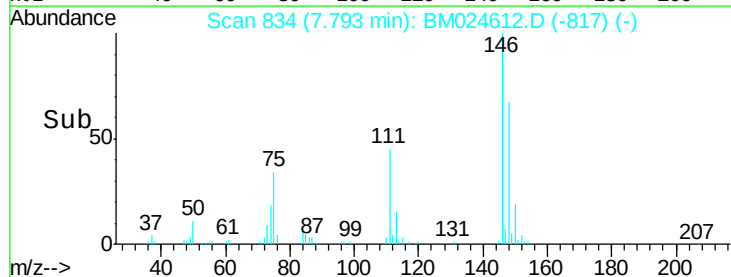
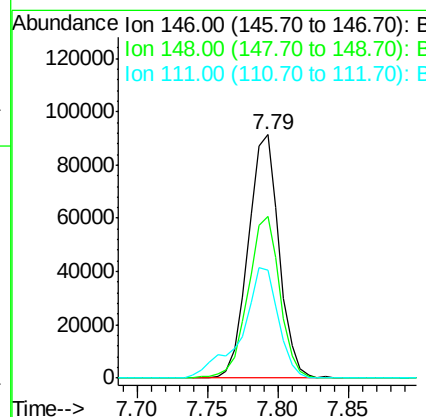
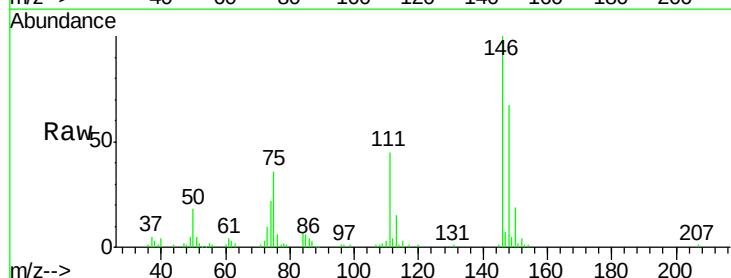
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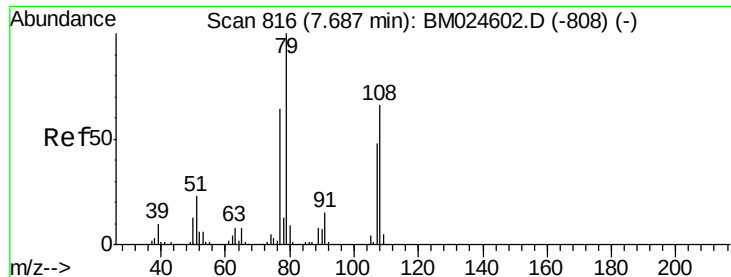
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 8.075 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.9	77.9
111	44.5	34.5	51.7





#15

Benzyl Alcohol

Concen: 7.762 ng

RT: 7.69 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

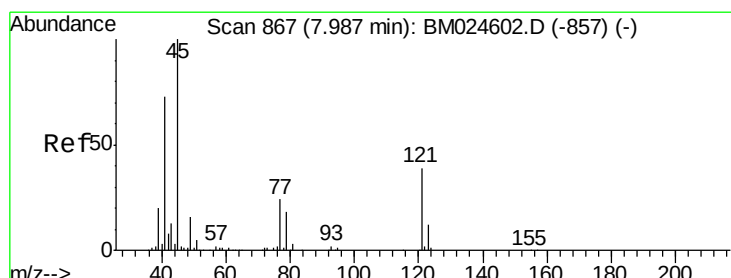
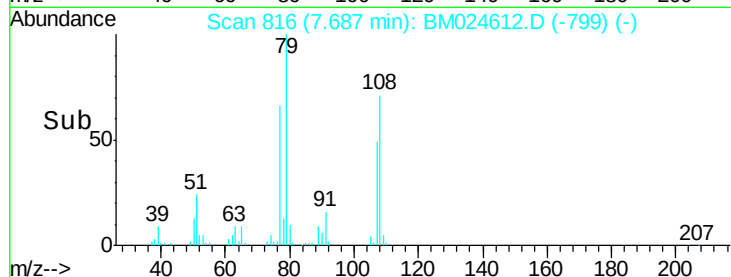
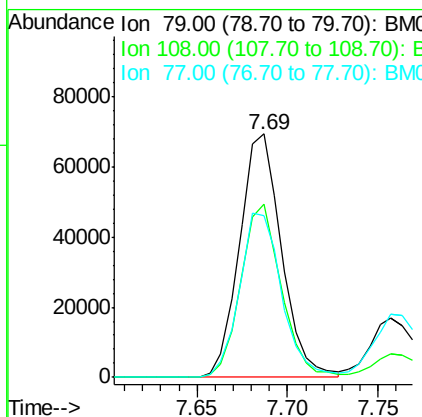
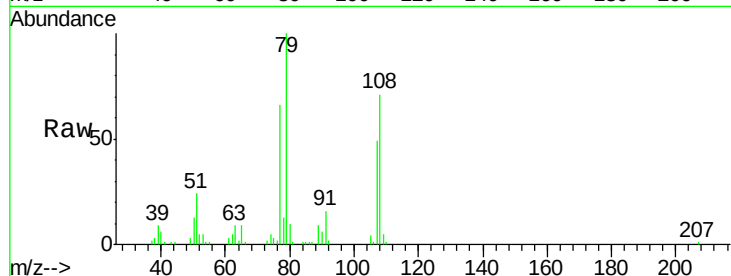
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	79	Resp:	111629
Ion	Ratio	Lower	Upper
79	100		
108	71.0	53.0	79.4
77	66.3	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.132 ng

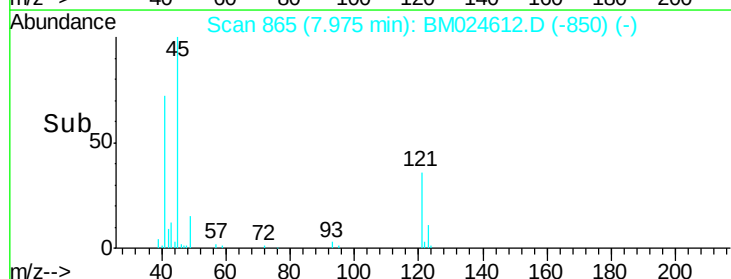
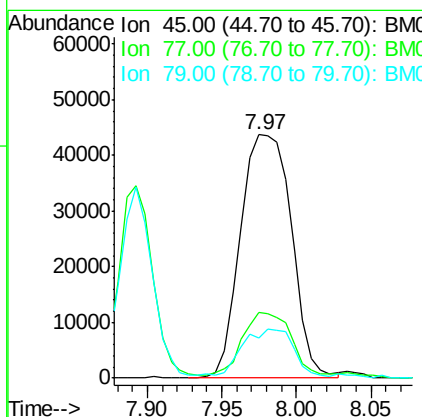
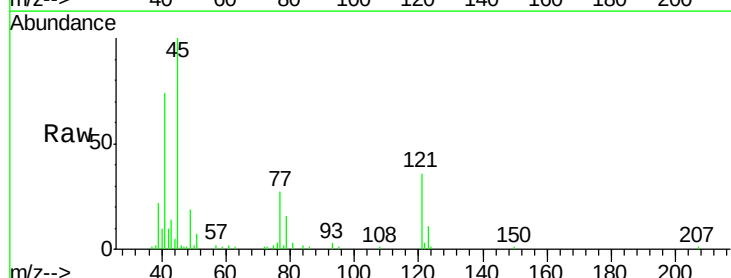
RT: 7.97 min Scan# 865

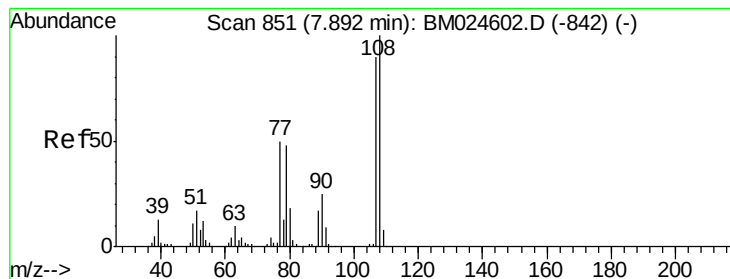
Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	45	Resp:	103618
Ion	Ratio	Lower	Upper
45	100		
77	27.1	5.2	45.2
79	16.4	0.0	39.4





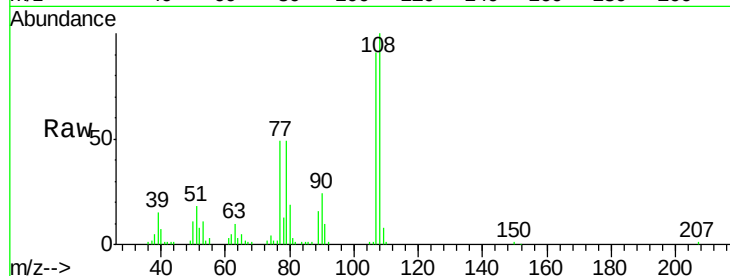
#17
2-Methylphenol
Concen: 7.641 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

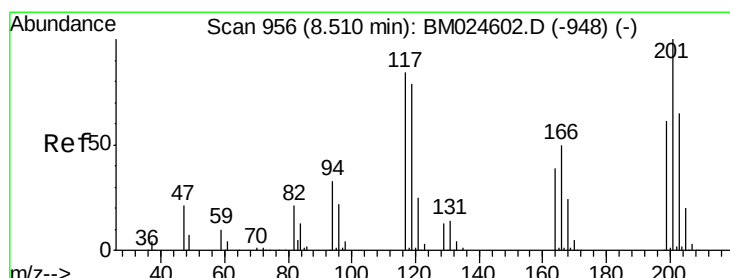
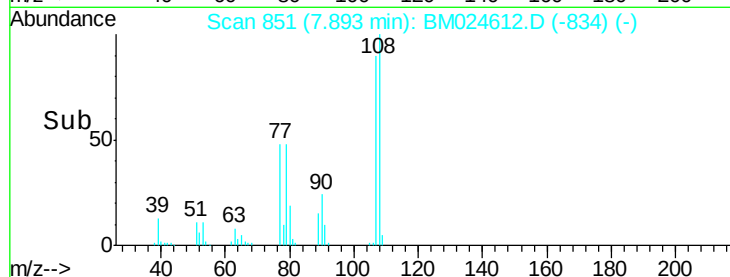
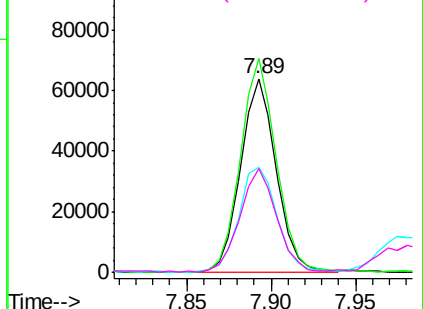
Tot Ion	107	Resp	93628
Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.9	133.3
77	54.0	44.5	66.7
79	53.7	42.9	64.3

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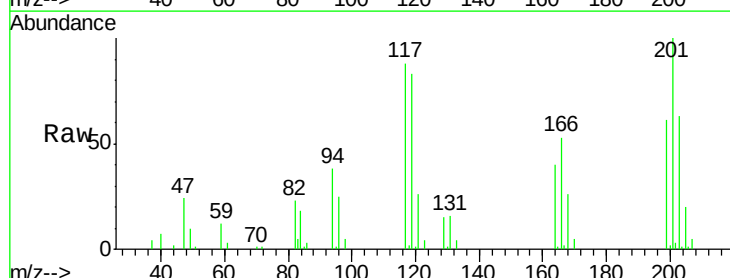


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

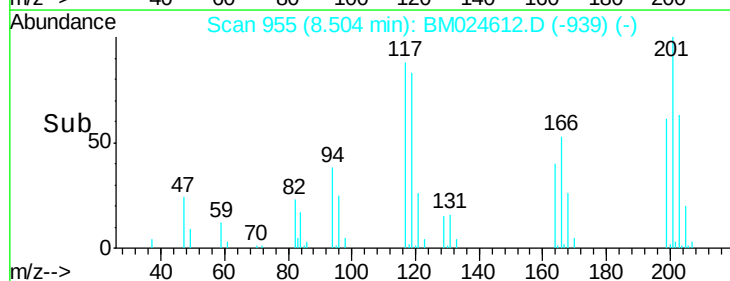
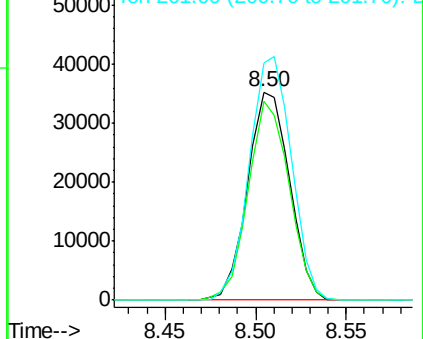


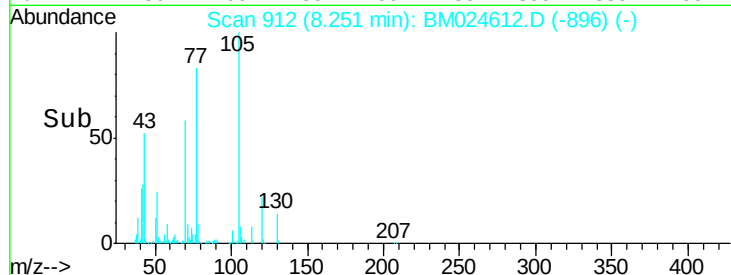
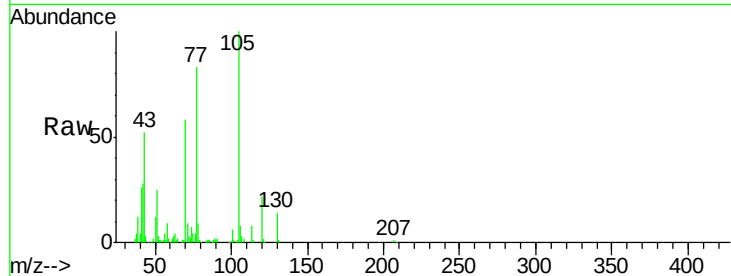
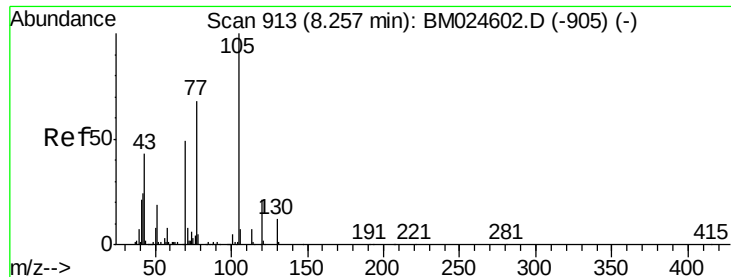
#18
Hexachloroethane
Concen: 8.206 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	117	Resp	56923
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.2
201	114.2	95.8	143.6



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





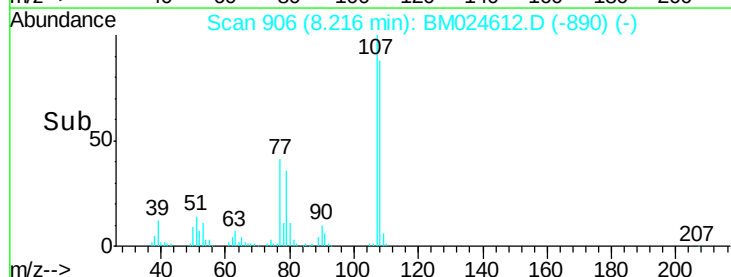
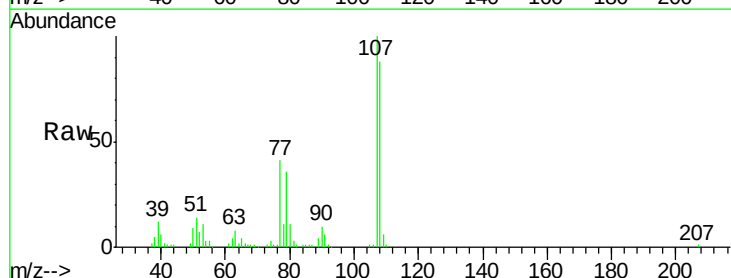
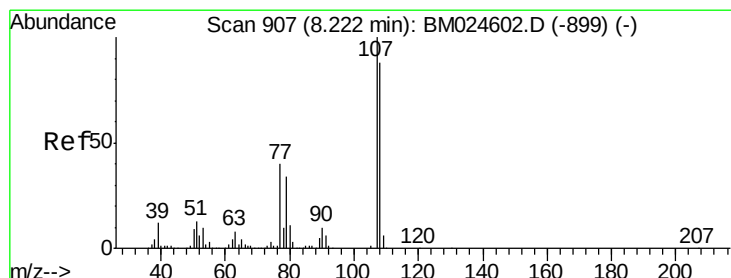
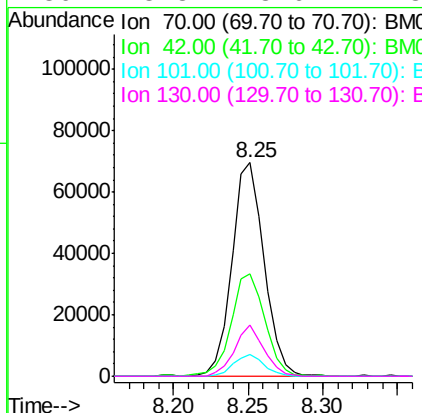
#19
n-Nitroso-di-n-propylamine
Concen: 7.977 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	70	Resp	104462
Ion Ratio	Lower	Upper	
70	100		
42	47.7	40.0	60.0
101	10.2	8.2	12.2
130	23.8	18.6	27.8

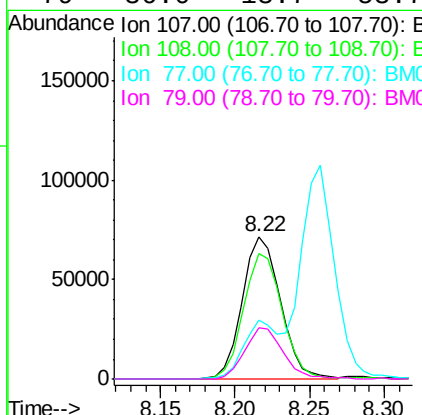
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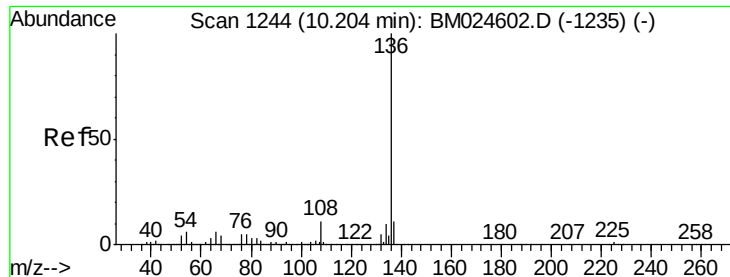
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#20
3+4-Methylphenols
Concen: 7.490 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	107	Resp	127043
Ion Ratio	Lower	Upper	
107	100		
108	87.7	68.0	108.0
77	41.4	19.9	59.9
79	36.0	13.7	53.7





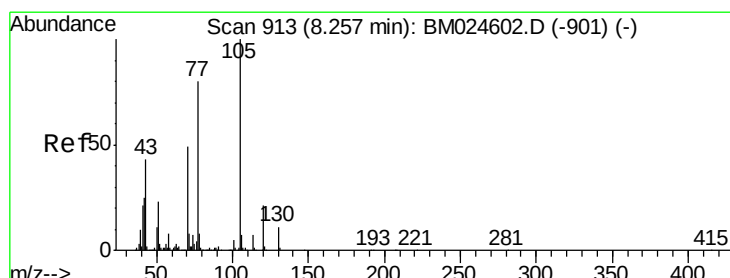
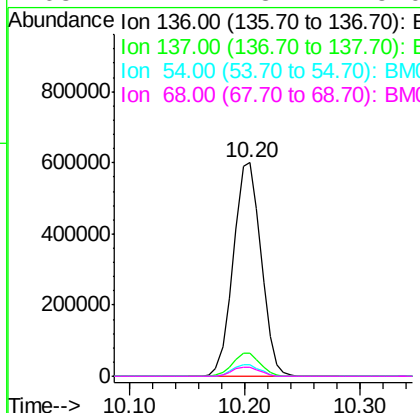
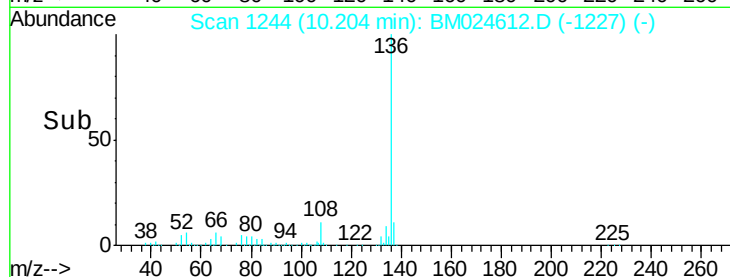
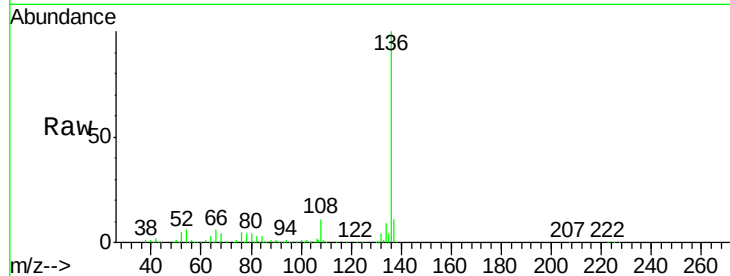
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	136	Resp	1000740
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.5	4.5	6.7
68	4.2	3.4	5.0

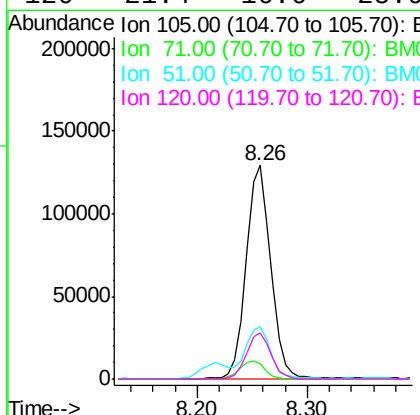
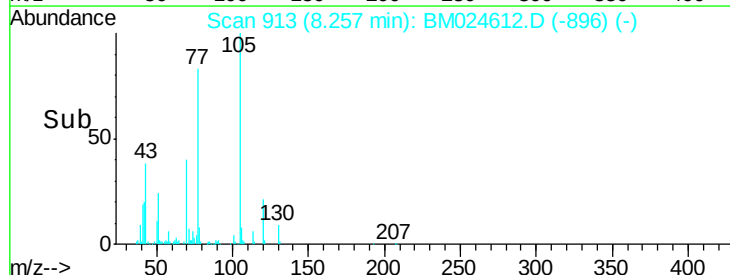
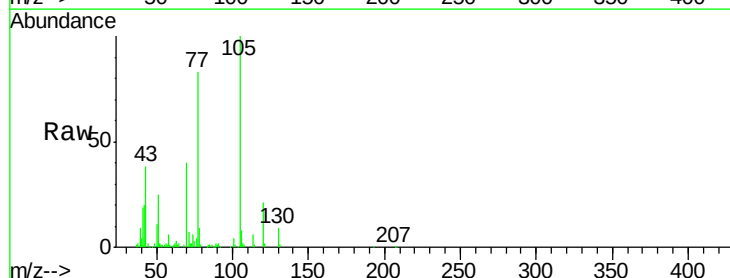
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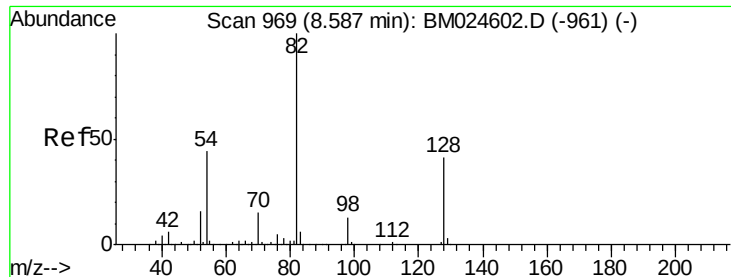
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#22
Acetophenone
Concen: 7.888 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	105	Resp	203545
Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.7	10.1
51	24.5	18.5	27.7
120	21.4	16.6	25.0





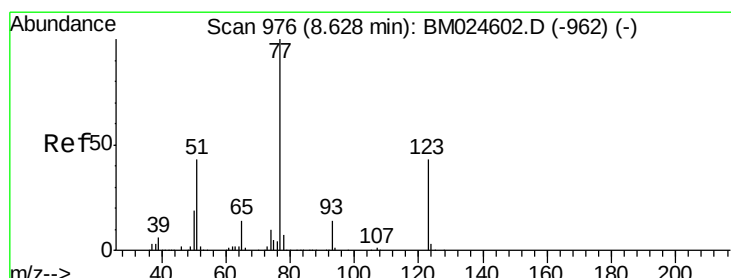
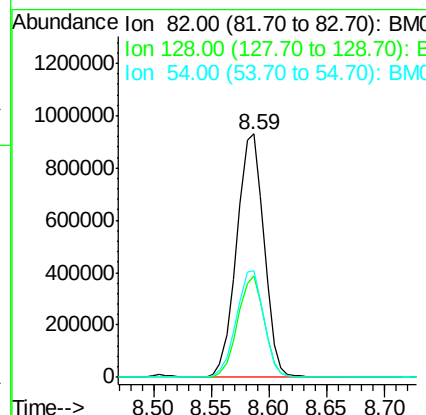
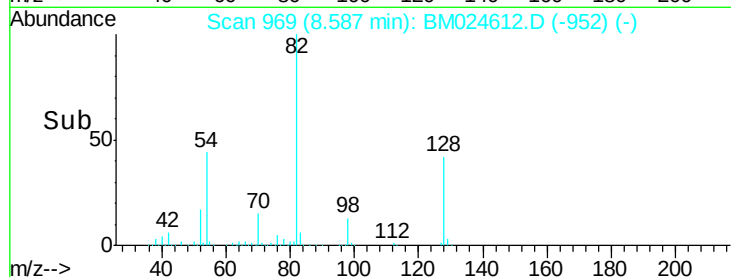
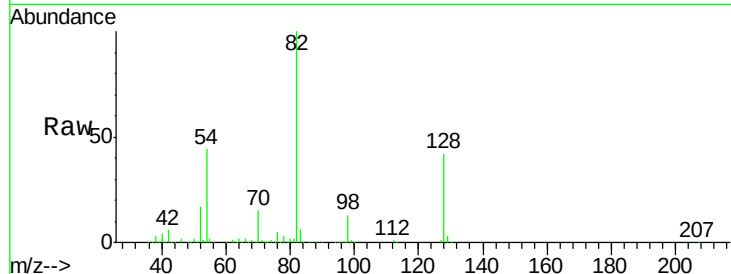
#23
 Nitrobenzene-d5
 Concen: 74.856 ng
 RT: 8.59 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.6	48.8
54	43.8	34.8	52.2

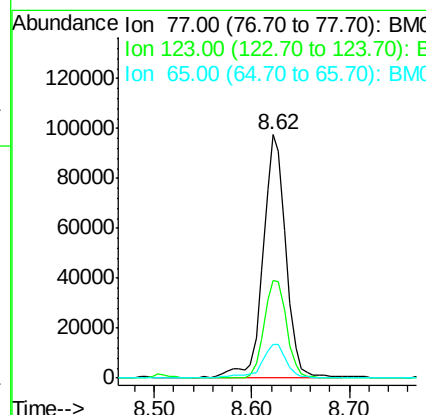
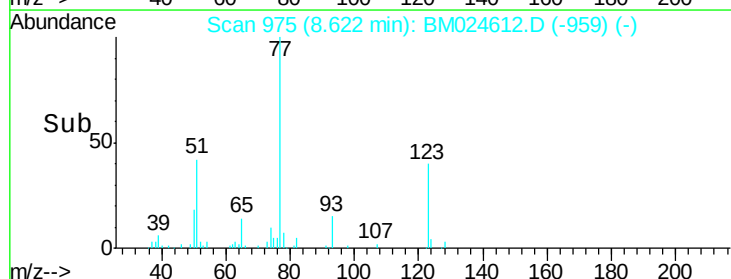
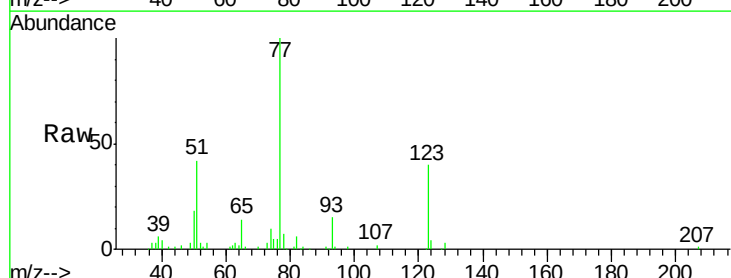
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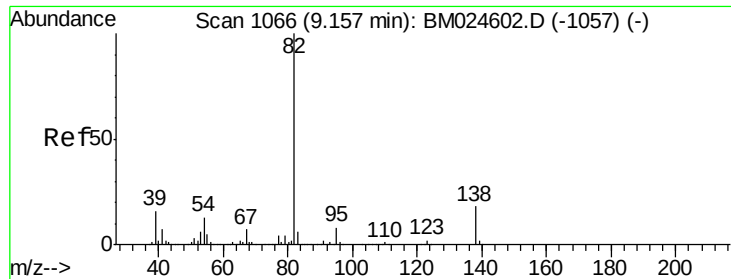
mohammad
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#24
 Nitrobenzene
 Concen: 8.275 ng
 RT: 8.62 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	34.6	52.0
65	14.1	11.0	16.4





#25

Isophorone

Concen: 7.767 ng

RT: 9.15 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

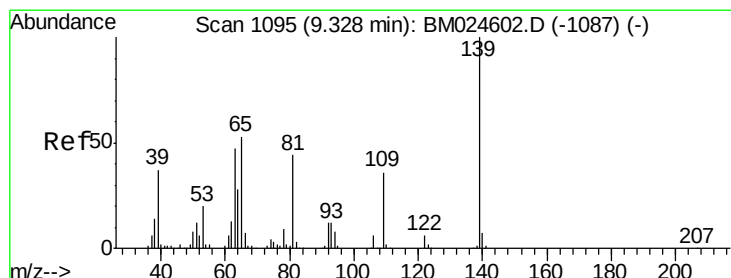
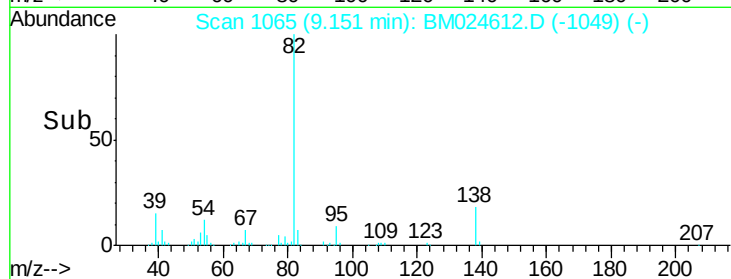
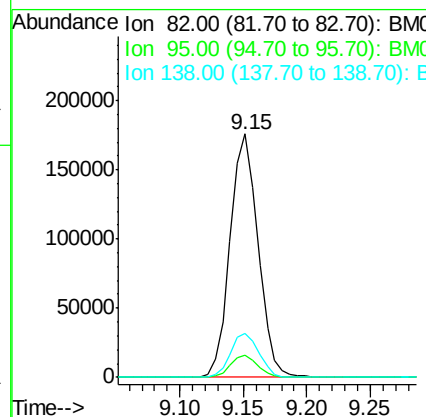
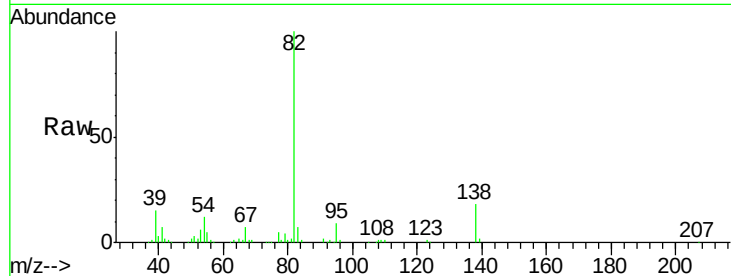
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	82	Resp:	269299
Ion Ratio	Lower	Upper	
82	100		
95	8.9	6.7	10.1
138	18.3	14.7	22.1

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#26

2-Nitrophenol

Concen: 7.081 ng

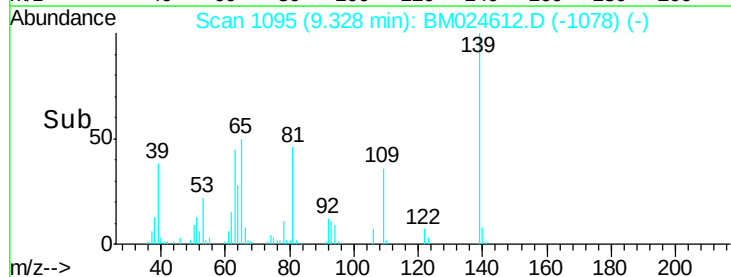
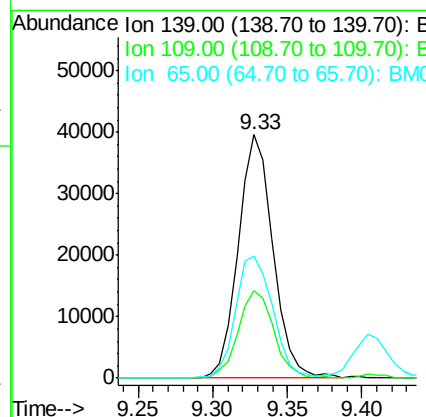
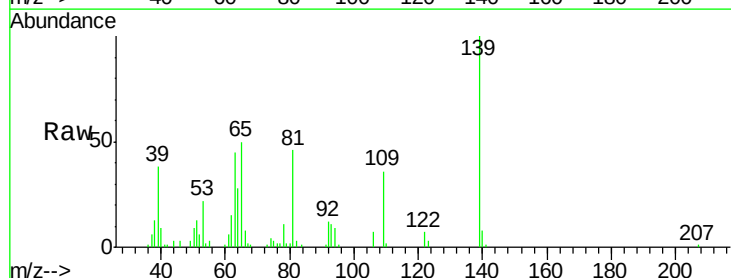
RT: 9.33 min Scan# 1095

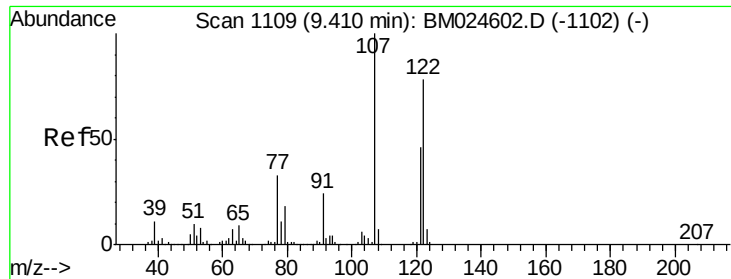
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	139	Resp:	64113
Ion Ratio	Lower	Upper	
139	100		
109	35.9	28.8	43.2
65	50.0	42.6	63.8





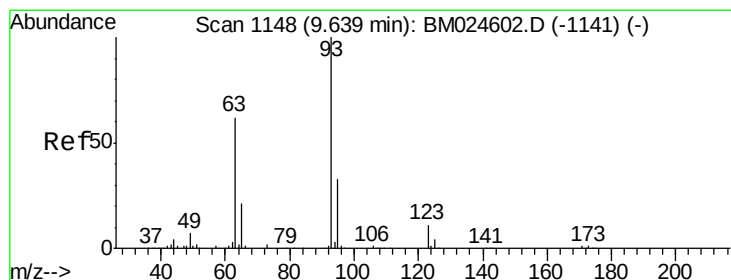
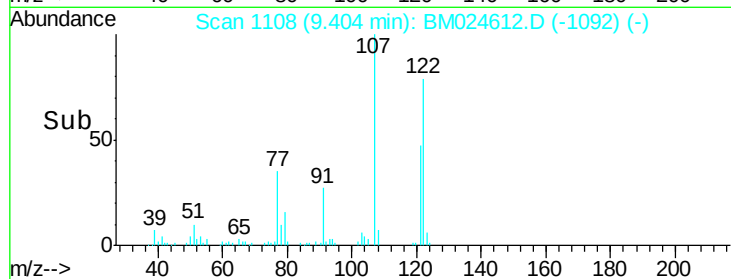
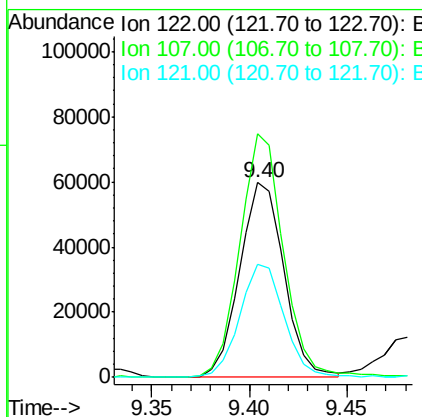
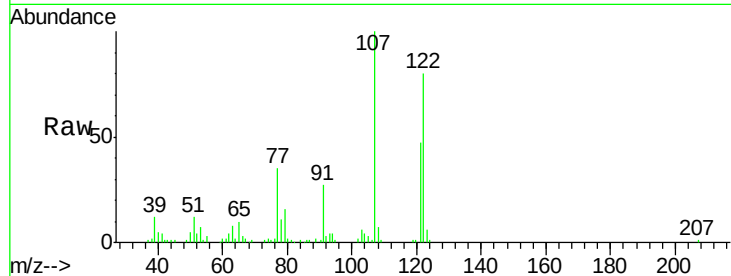
#27
2,4-Dimethylphenol
Concen: 7.621 ng
RT: 9.40 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	125.1	102.5	153.7		
121	58.4	47.0	70.4		

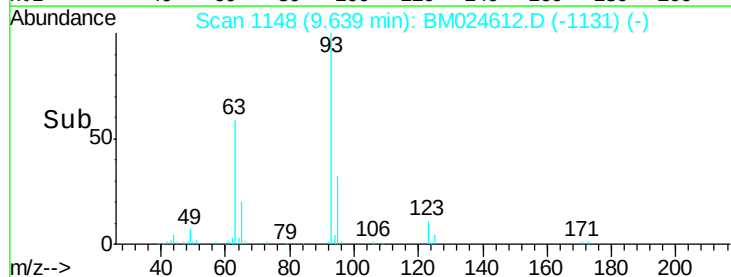
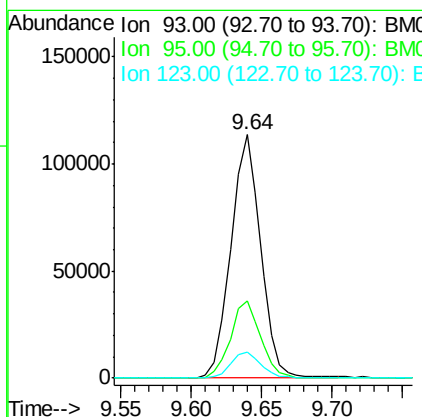
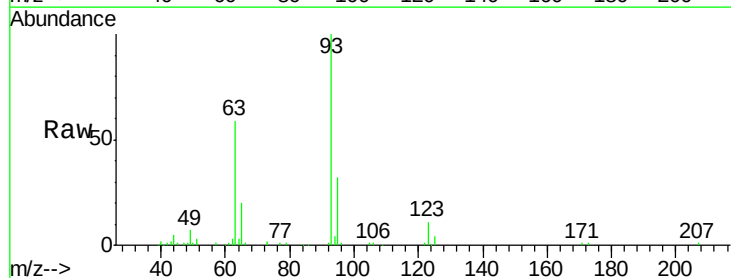
Manual Integrations
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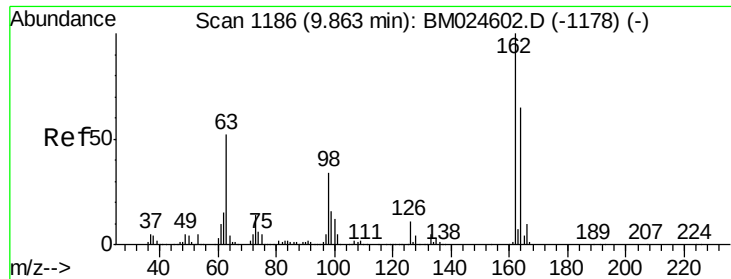
mohammad
1/24/2020 1:55:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 7.878 ng
RT: 9.64 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.9	26.1	39.1		
123	10.9	8.7	13.1		





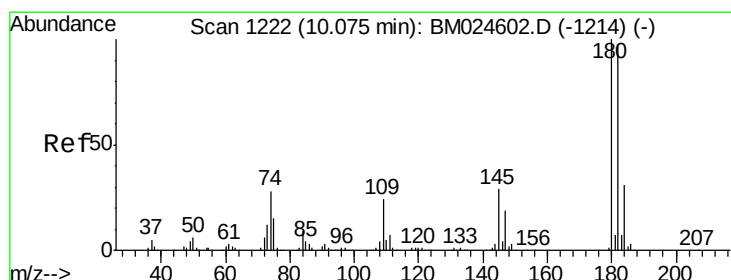
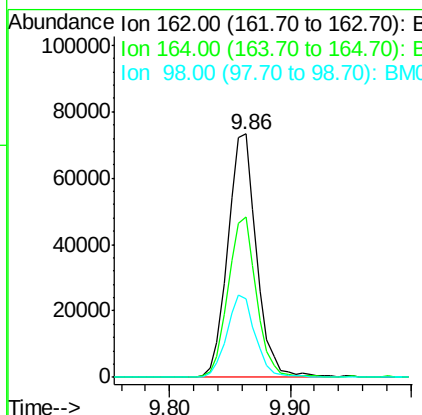
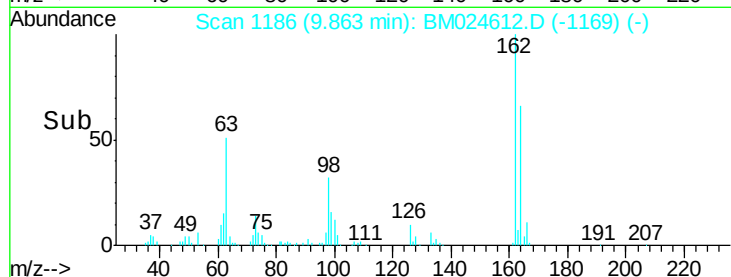
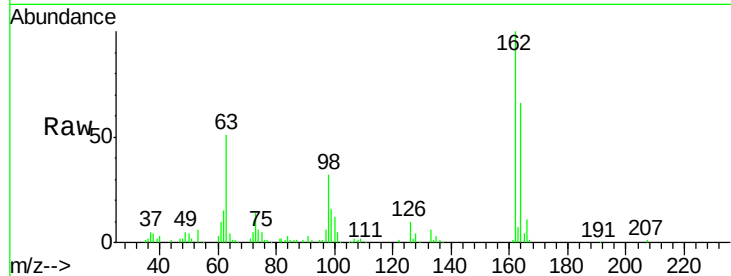
#29
2,4-Dichlorophenol
Concen: 7.319 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		121671		
164	66.1	44.5	84.5		
98	32.2	14.2	54.2		

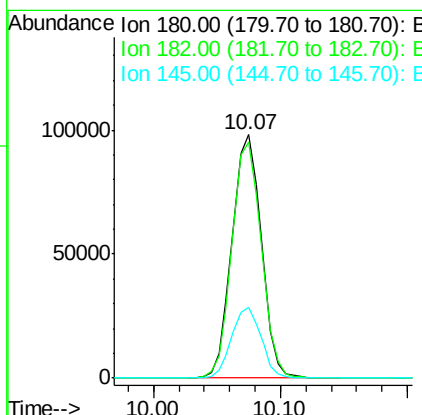
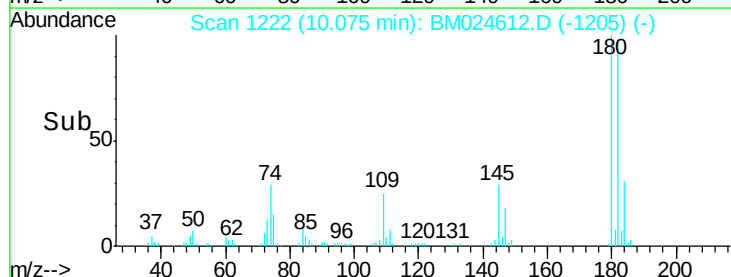
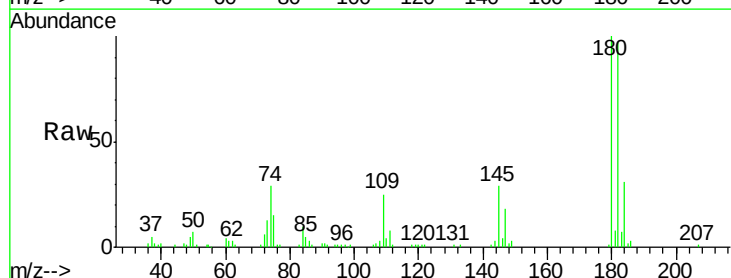
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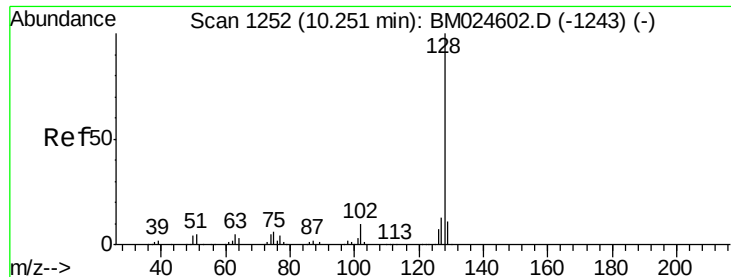
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 7.827 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		156920		
182	96.8	77.8	116.6		
145	29.2	22.9	34.3		





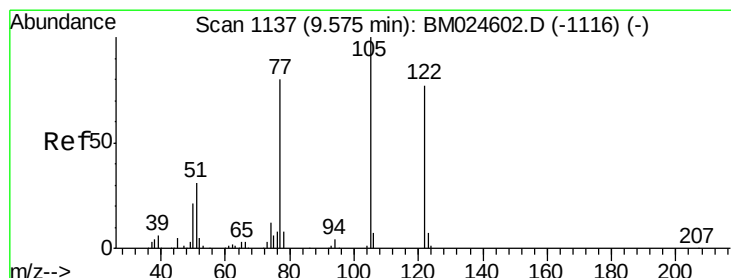
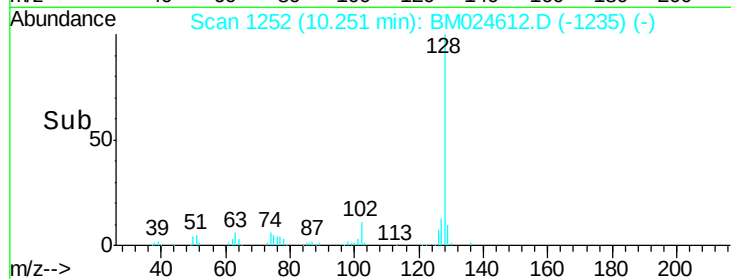
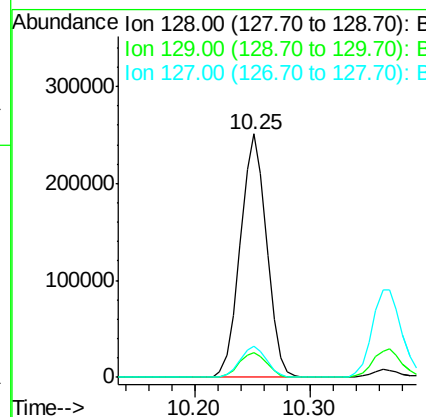
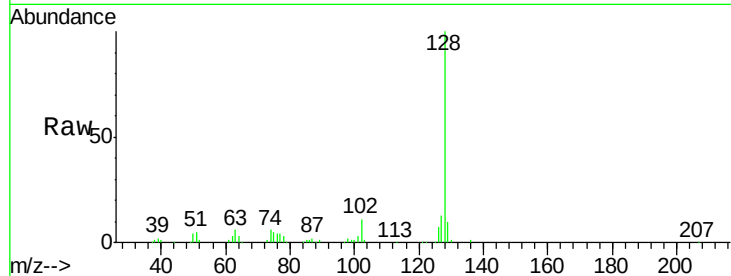
#31
Naphthalene
Concen: 7.856 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.9	10.6	15.8

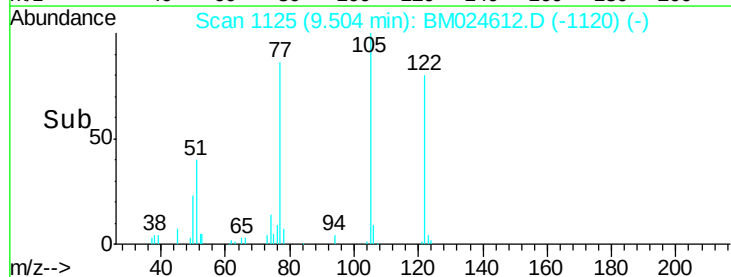
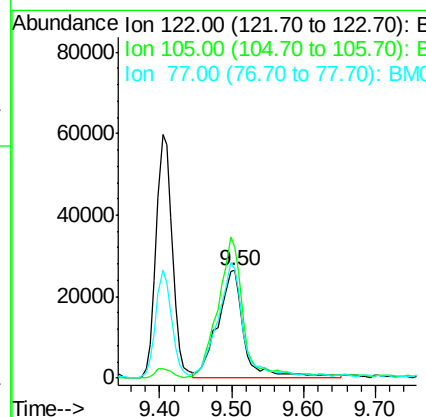
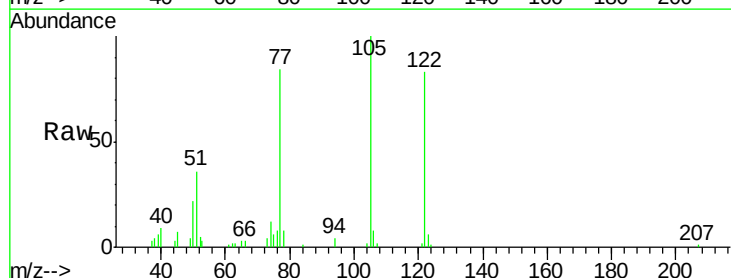
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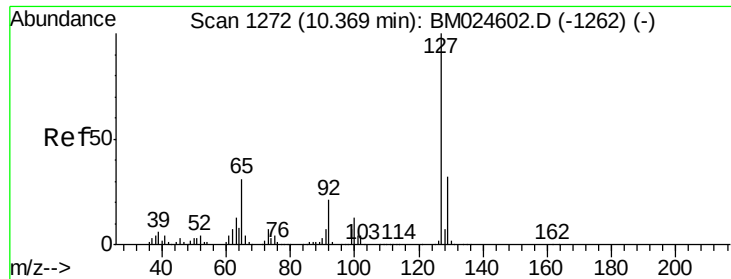
mohammad
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#32
Benzoic acid
Concen: 6.049 ng m
RT: 9.50 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	107.7	147.7
77	101.8	83.8	123.8





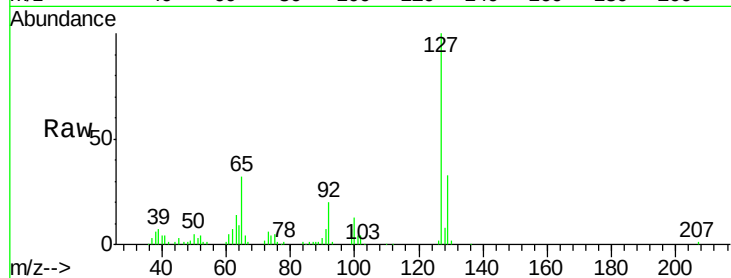
#33
4-Chloroaniline
Concen: 7.548 ng
RT: 10.37 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

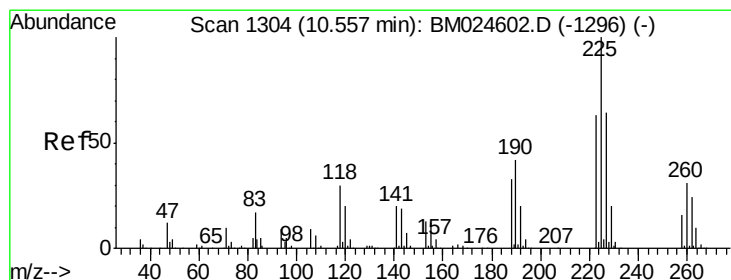
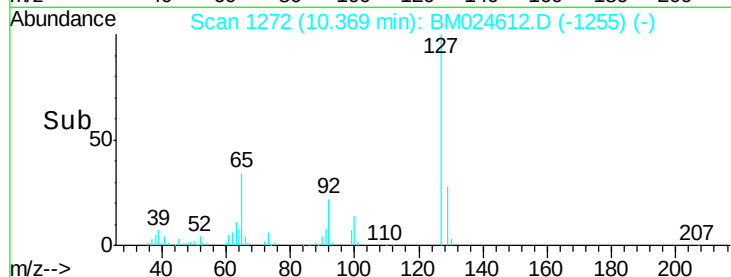
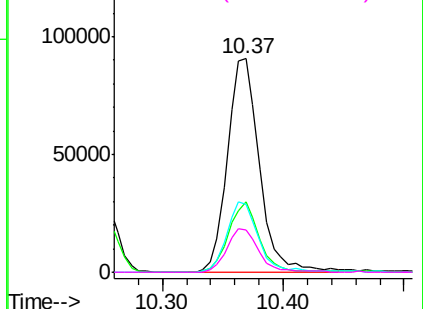
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		167231		
129	32.9	25.9	38.9		
65	31.5	25.1	37.7		
92	20.0	16.6	25.0		

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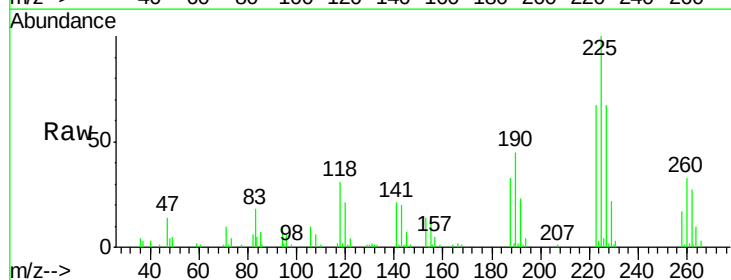


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

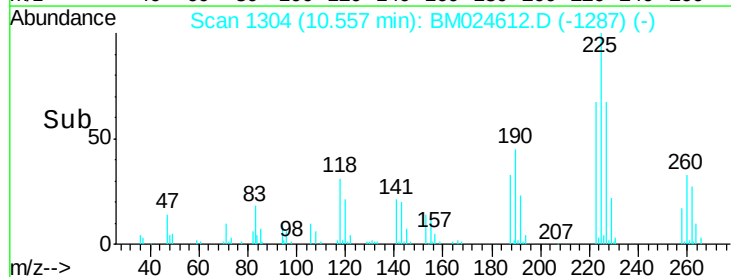
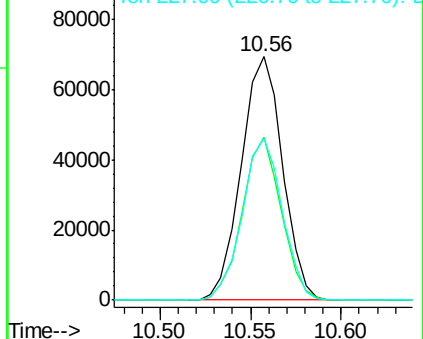


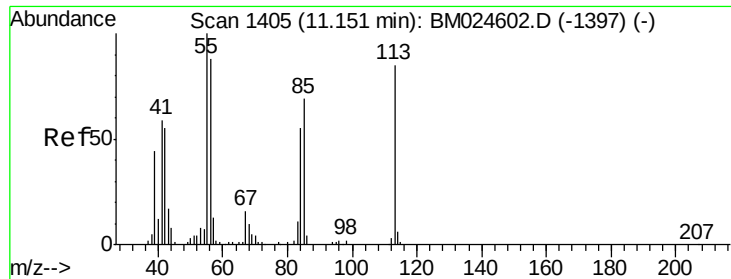
#34
Hexachlorobutadiene
Concen: 7.922 ng
RT: 10.56 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		109794		
223	67.2	50.7	76.1		
227	69.0	51.4	77.0		



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





#35

Caprolactam

Concen: 6.736 ng

RT: 11.12 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

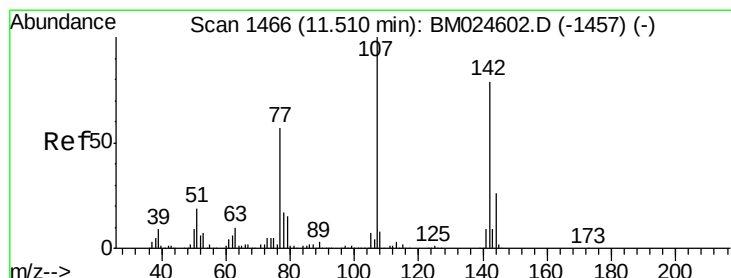
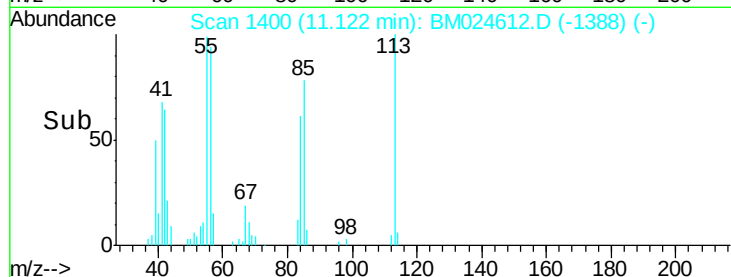
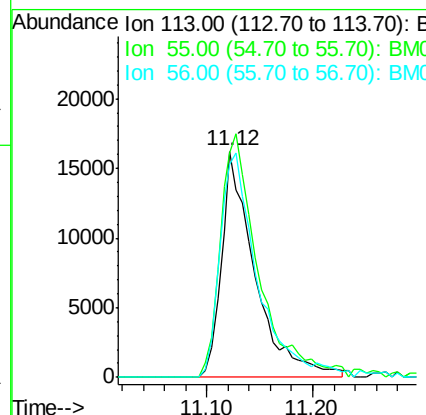
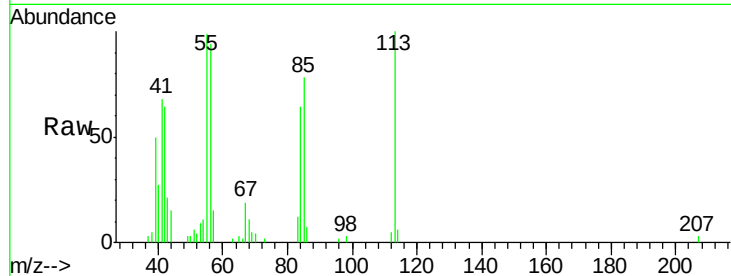
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	113	Resp:	35928
Ion Ratio	Lower	Upper	
113	100		
55	99.2	97.5	137.5
56	94.4	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 7.354 ng

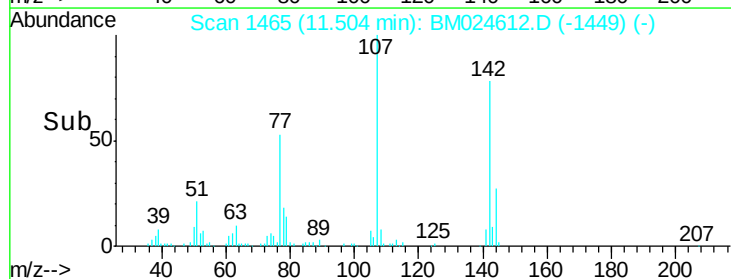
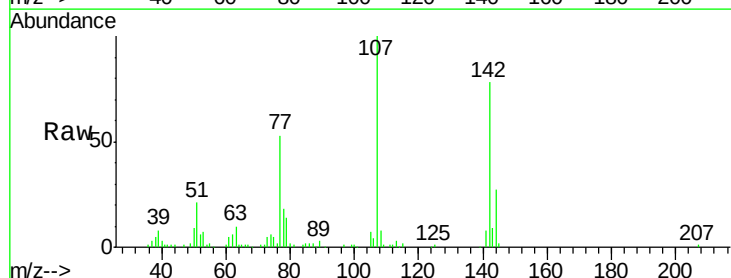
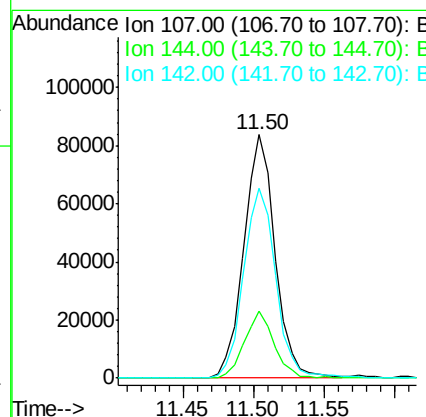
RT: 11.50 min Scan# 1465

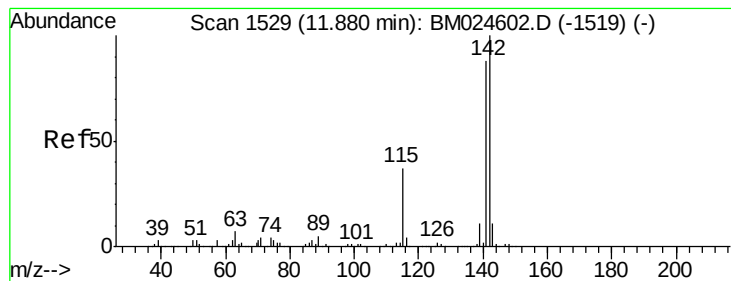
Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	107	Resp:	129995
Ion Ratio	Lower	Upper	
107	100		
144	27.4	20.5	30.7
142	78.0	62.8	94.2





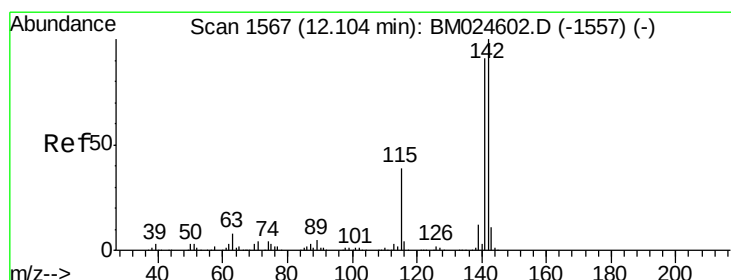
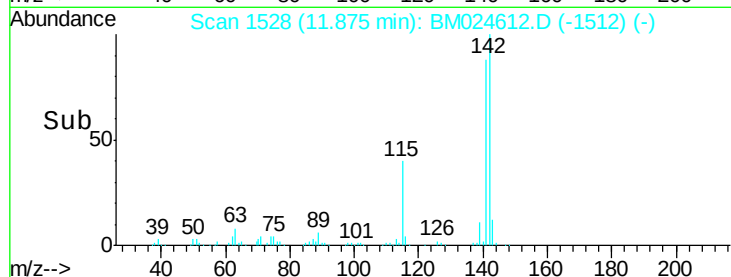
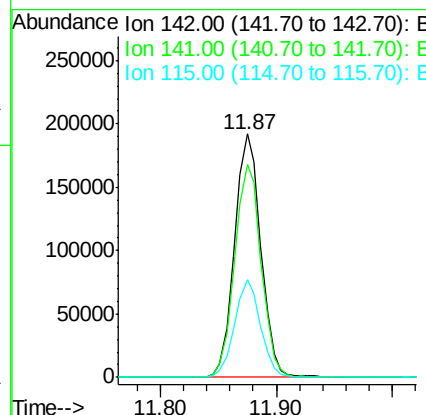
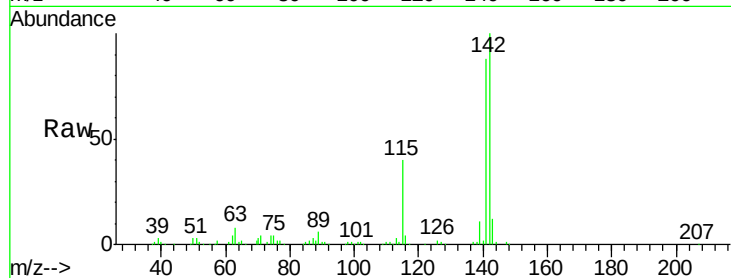
#37
2-Methylnaphthalene
Concen: 7.746 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.2	105.2
115	39.9	29.7	44.5

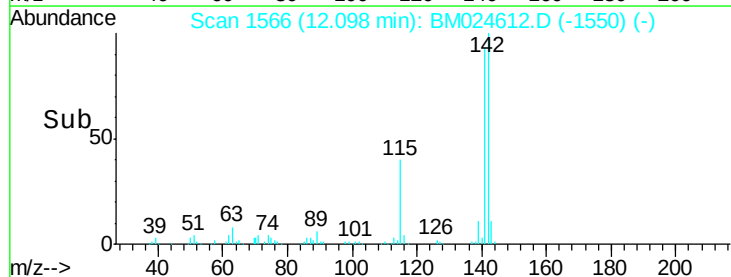
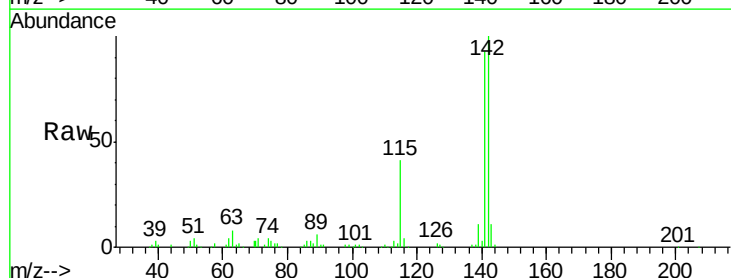
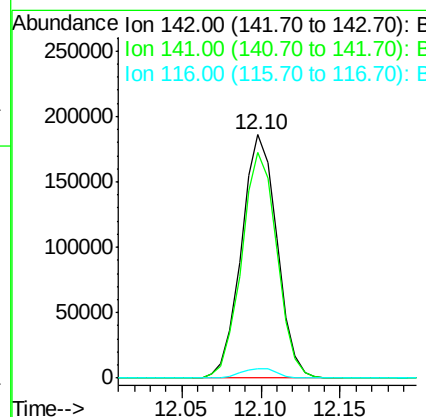
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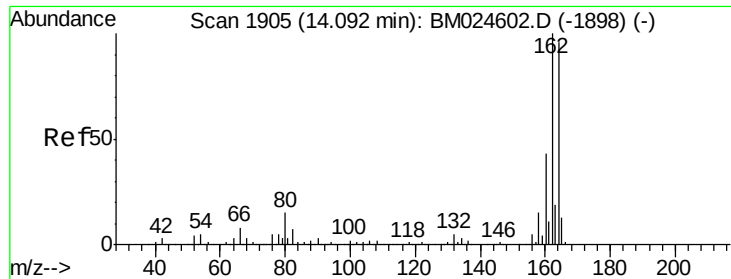
mohammad
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#38
1-Methylnaphthalene
Concen: 7.809 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.8	109.2
116	4.0	3.2	4.8





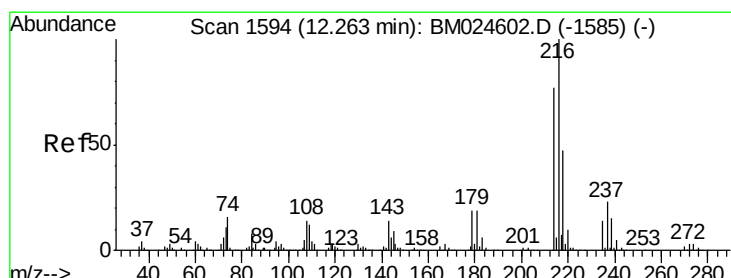
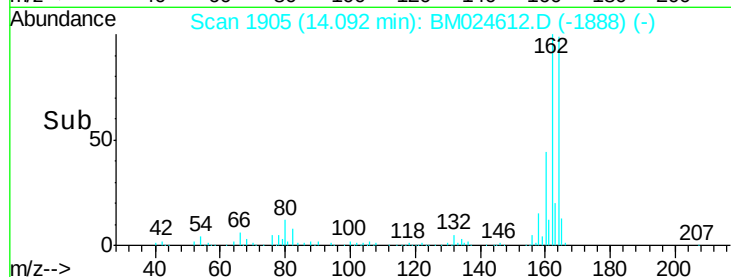
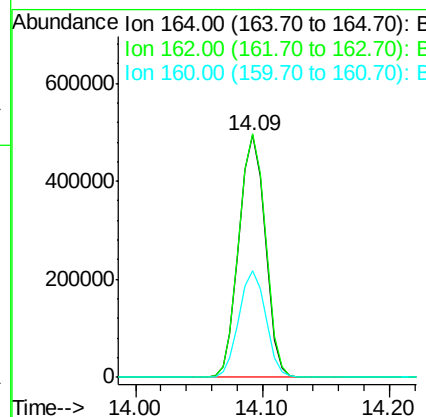
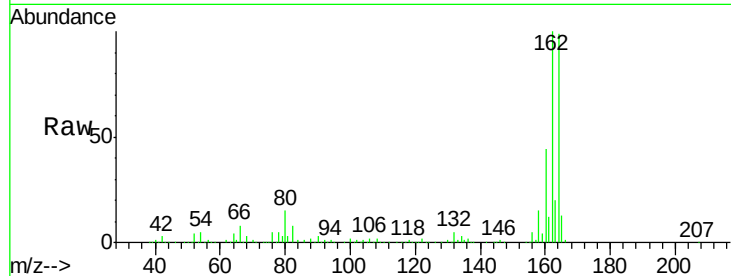
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	82.9	124.3	
160	44.0	35.5	53.3	

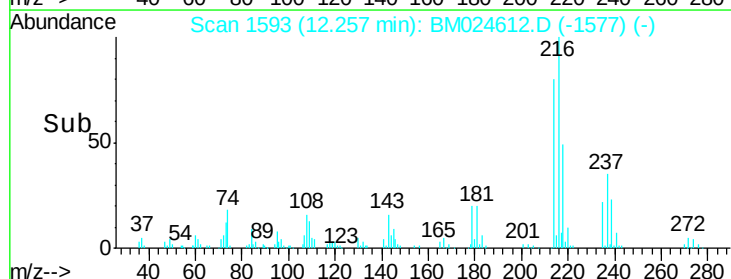
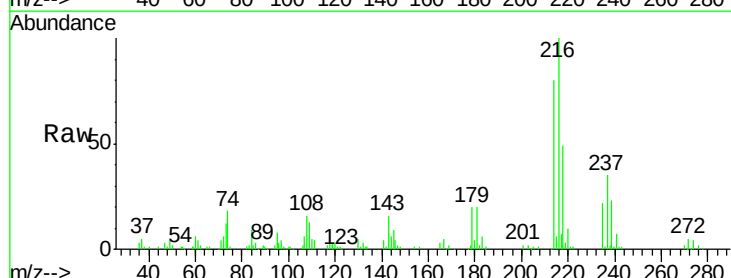
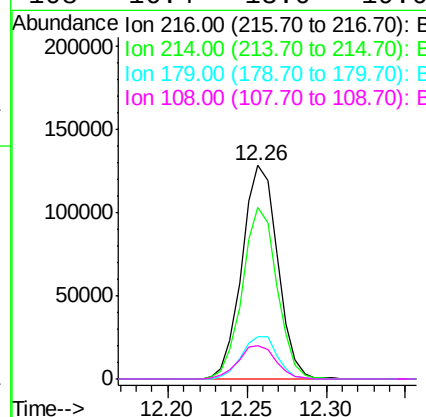
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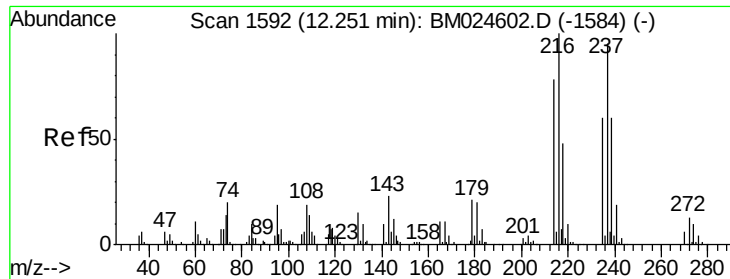
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.898 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	62.3	93.5	
179	19.9	16.1	24.1	
108	16.4	13.0	19.6	





#41

Hexachlorocyclopentadiene

Concen: 7.396 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

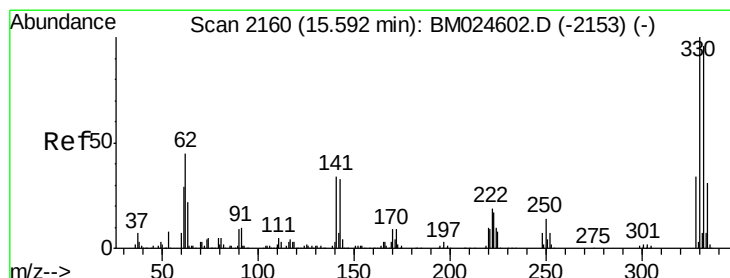
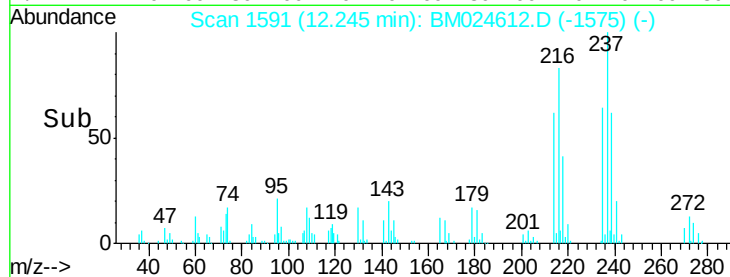
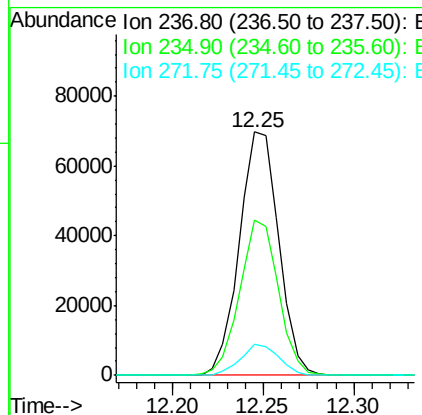
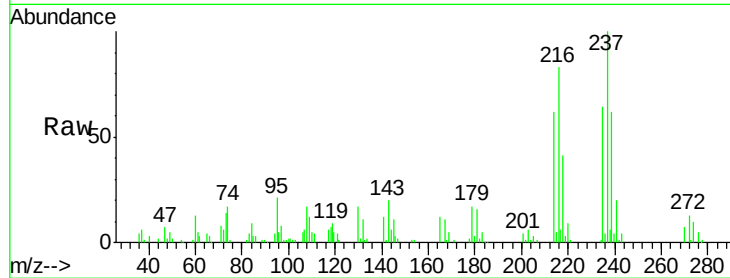
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	237	Resp:	105219
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.3	83.3
272	12.7	0.0	33.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 132.373 ng

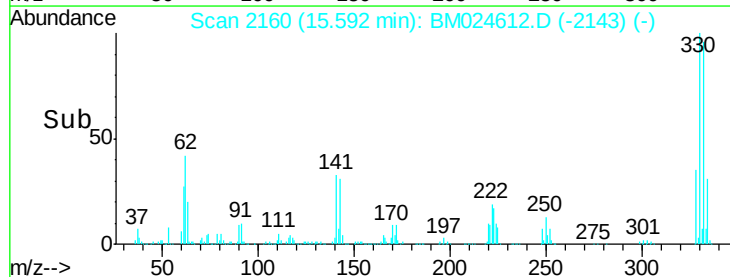
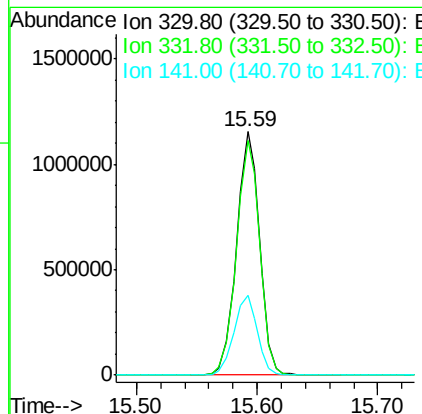
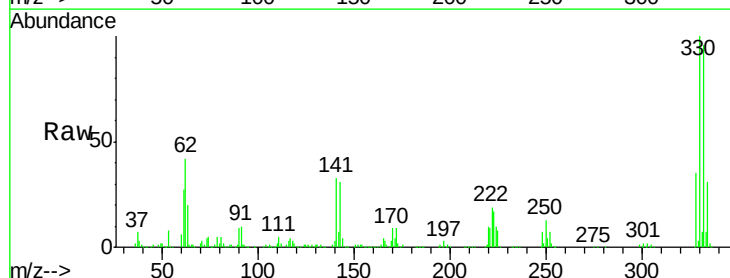
RT: 15.59 min Scan# 2160

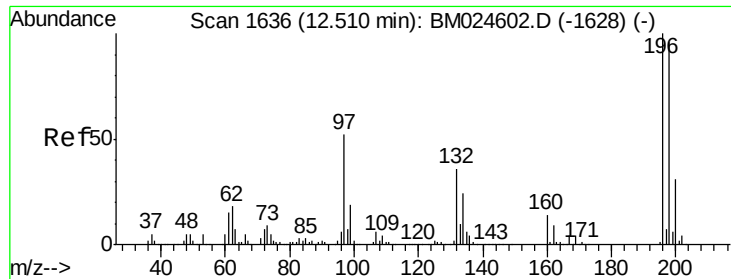
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	330	Resp:	1531281
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.2	115.8
141	33.2	26.9	40.3





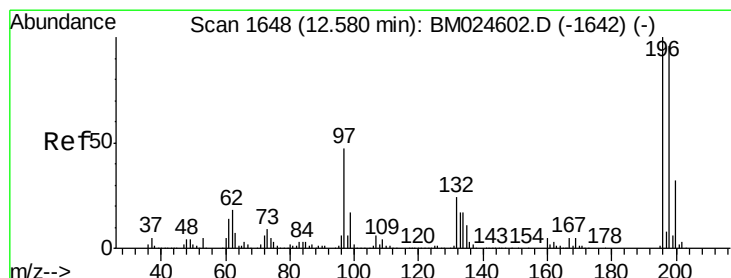
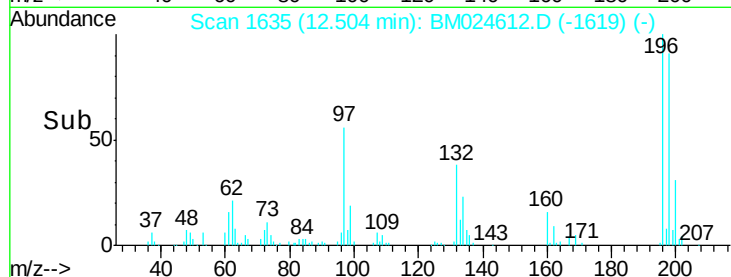
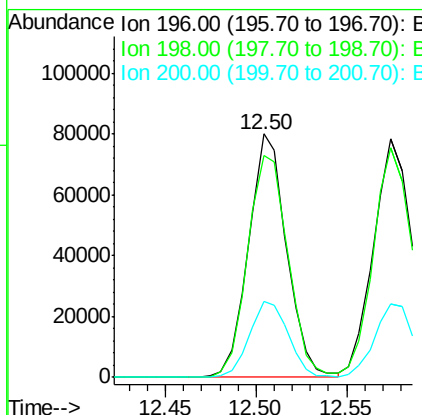
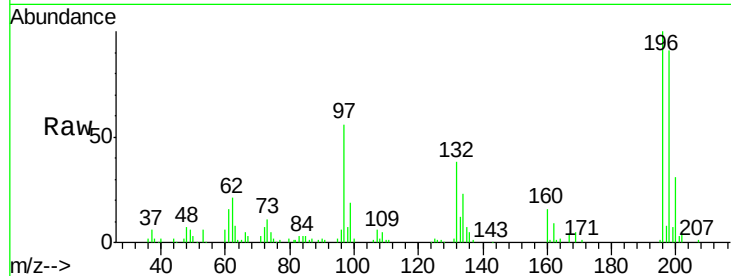
#43
 2,4,6-Trichlorophenol
 Concen: 7.213 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.3	76.5	114.7
200	30.9	25.0	37.6

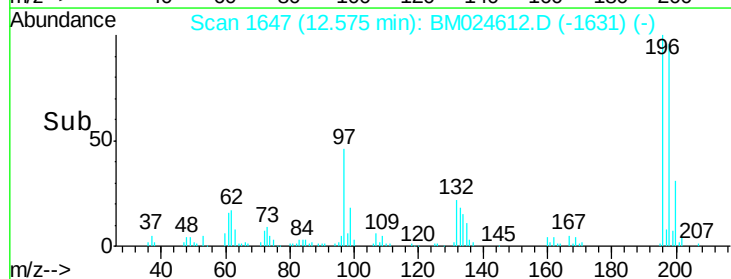
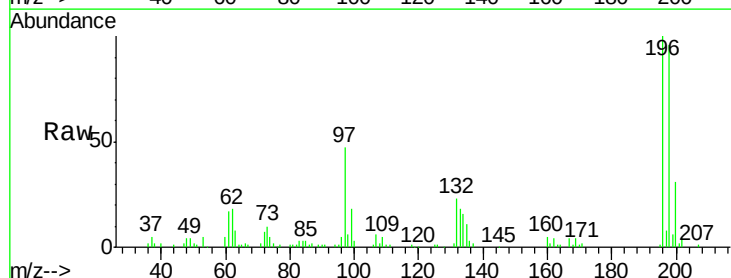
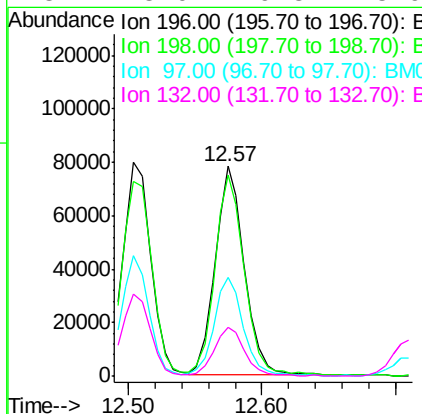
Manual Integrations
 APPROVED

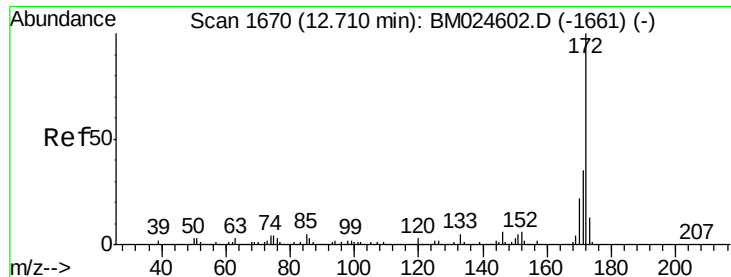
mohammad
 1/24/2020 1:55:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 7.296 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.2	115.8
97	47.1	37.4	56.0
132	23.0	19.3	28.9





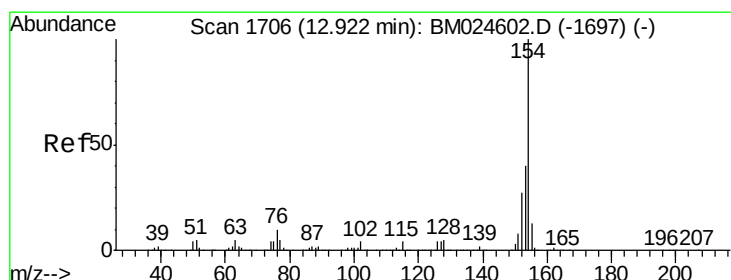
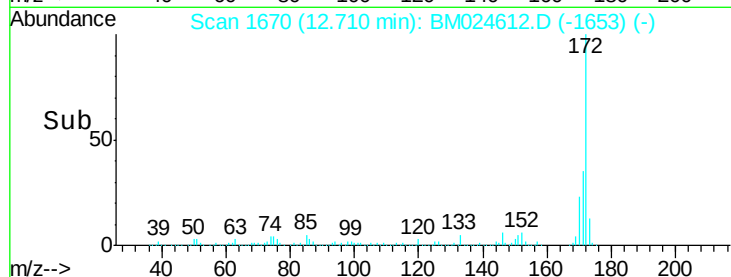
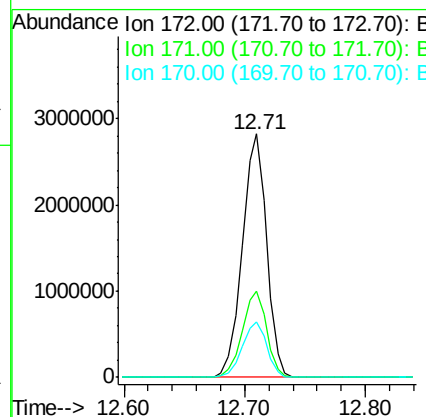
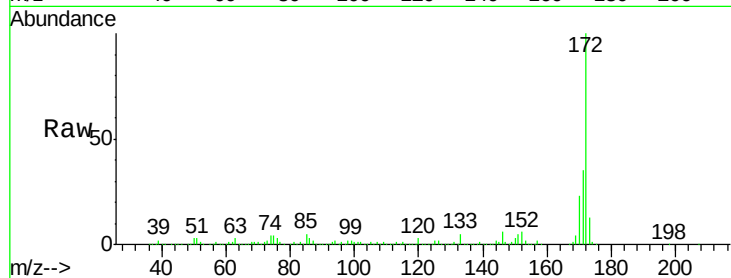
#45
2-Fluorobiphenyl
Concen: 75.800 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.8	17.9	26.9

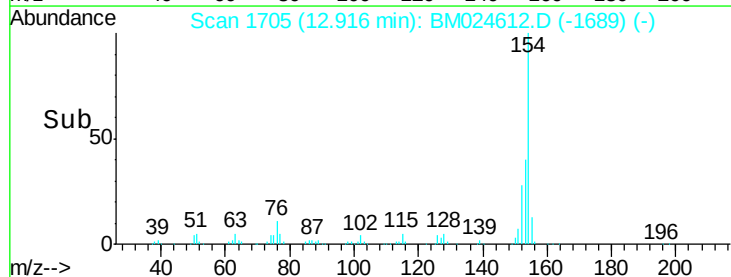
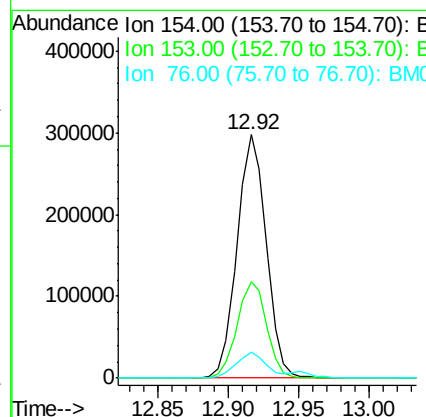
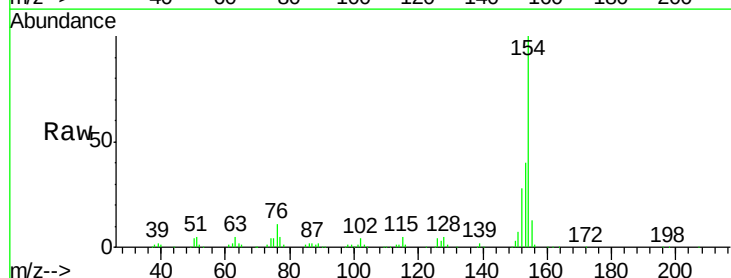
Manual Integrations
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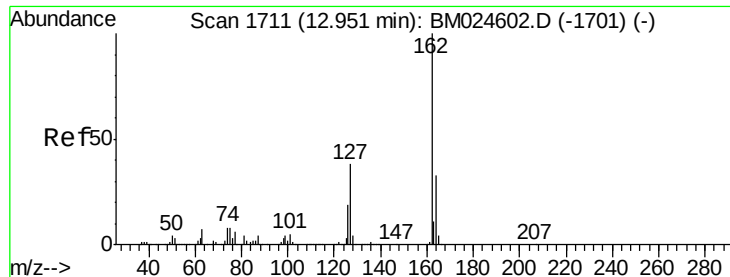
mohammad
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#46
1,1'-Biphenyl
Concen: 7.986 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.3	60.3
76	10.8	0.0	30.5





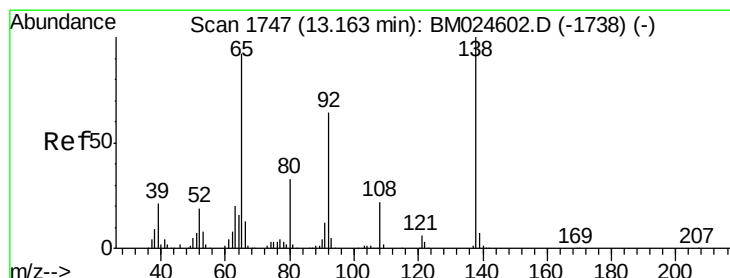
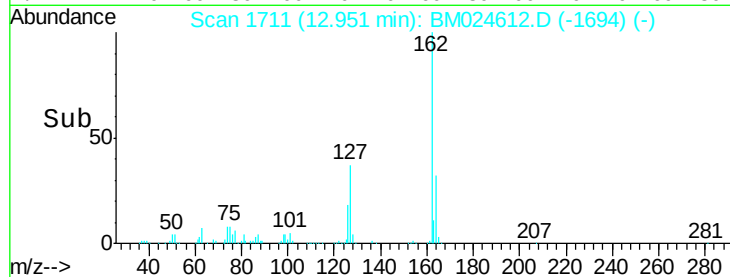
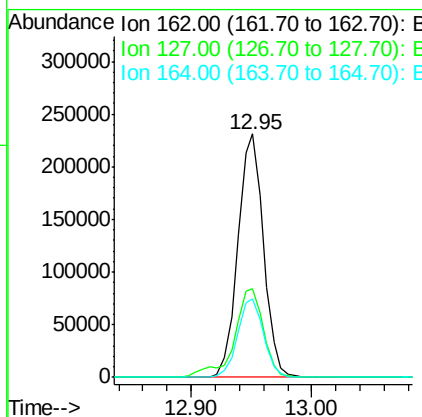
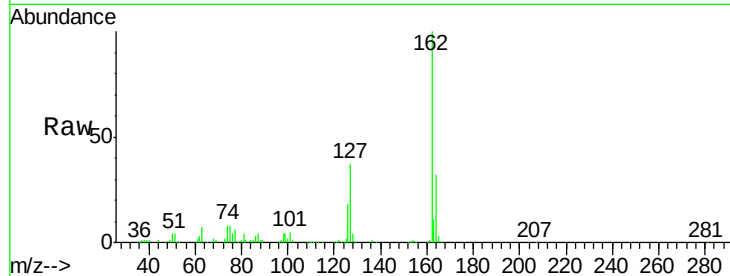
#47
 2-Chloronaphthalene
 Concen: 7.873 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		342064		
127	36.7	30.4	45.6		
164	32.2	26.5	39.7		

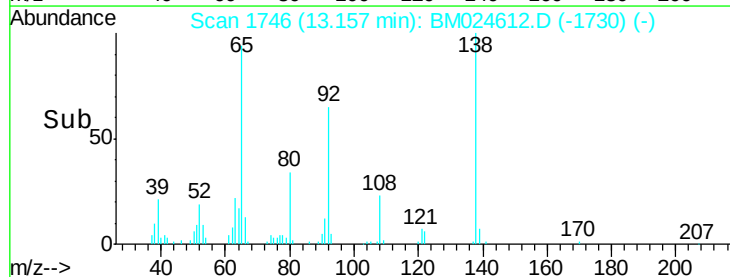
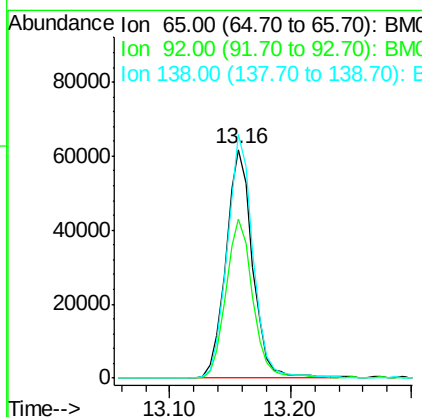
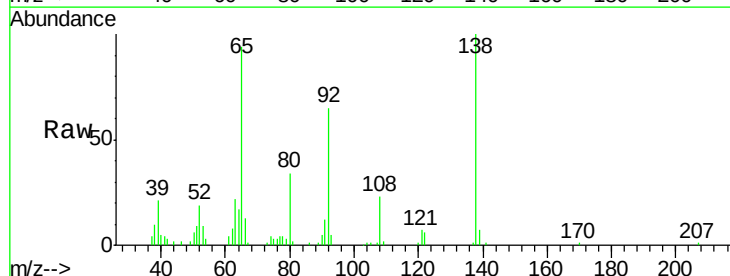
Manual Integrations
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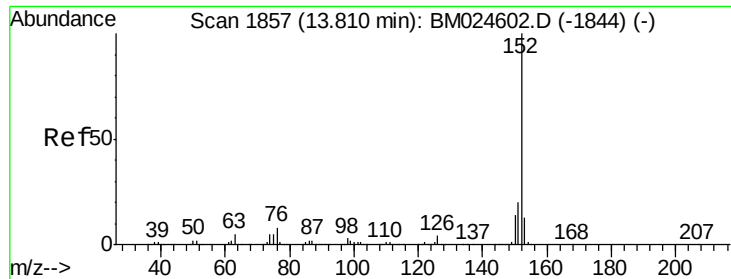
mohammad
 1/24/2020 1:55:15 PM



#48
 2-Nitroaniline
 Concen: 7.167 ng
 RT: 13.16 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		94969		
92	69.6	55.4	83.2		
138	106.4	86.6	129.8		





#49

Acenaphthylene

Concen: 7.716 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

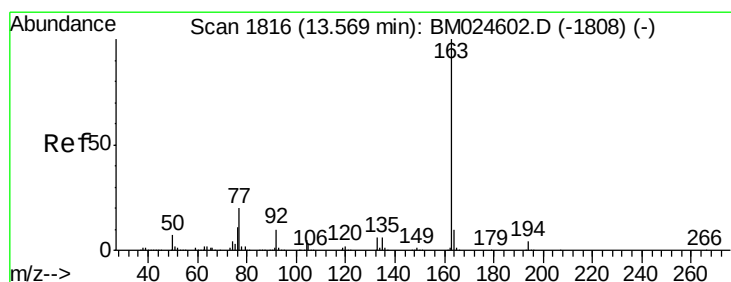
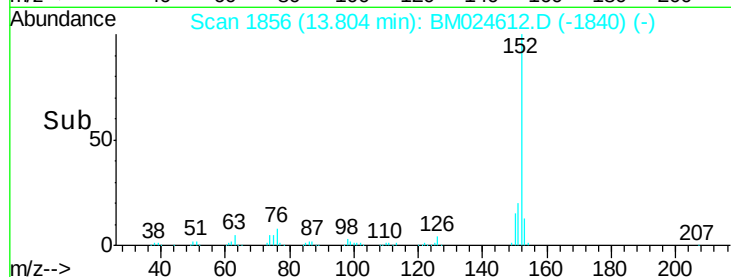
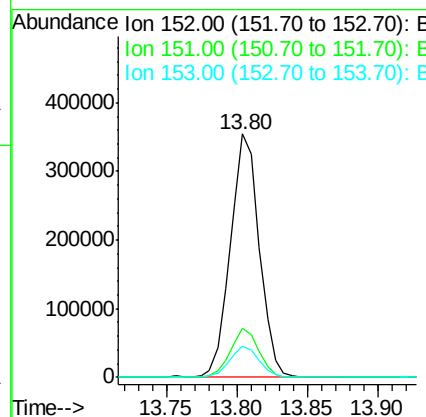
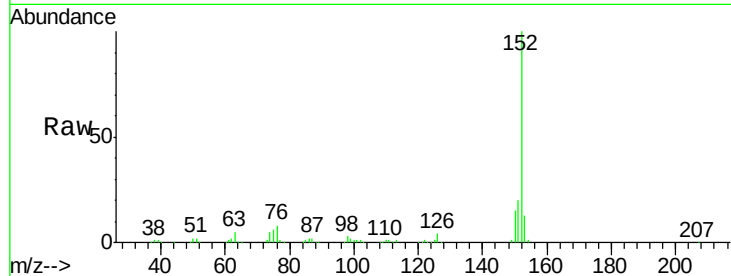
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	152	Resp:	501832
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.6
153	12.8	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 7.839 ng

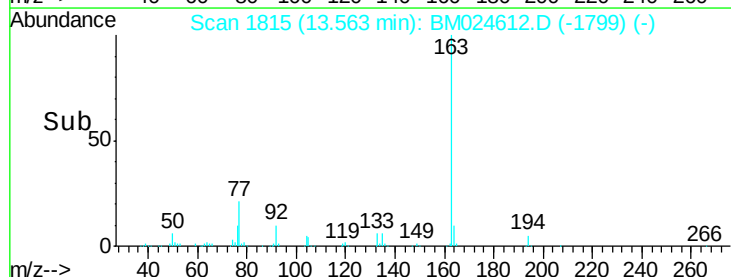
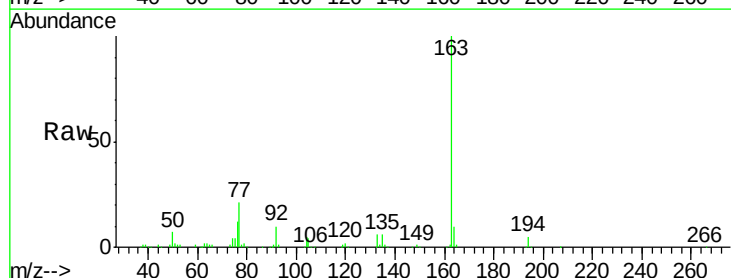
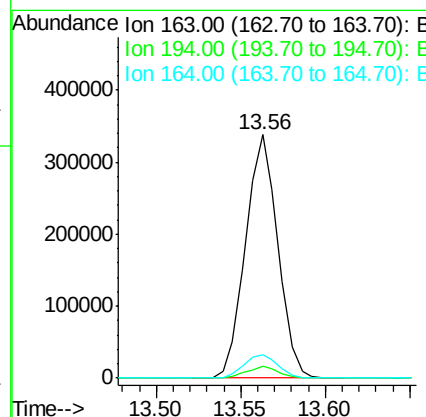
RT: 13.56 min Scan# 1815

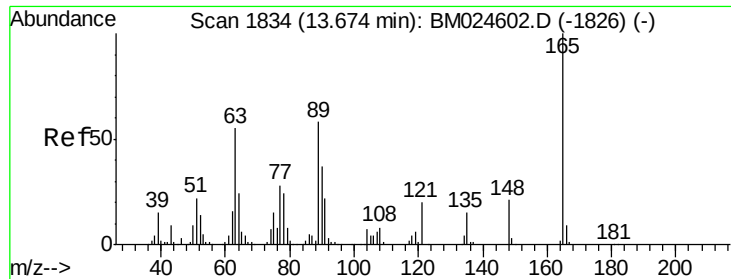
Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	163	Resp:	450791
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.0
164	9.9	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 7.471 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

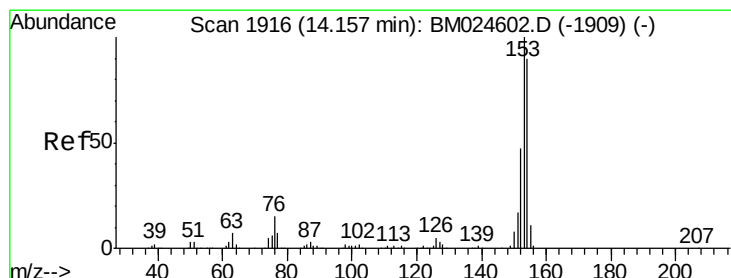
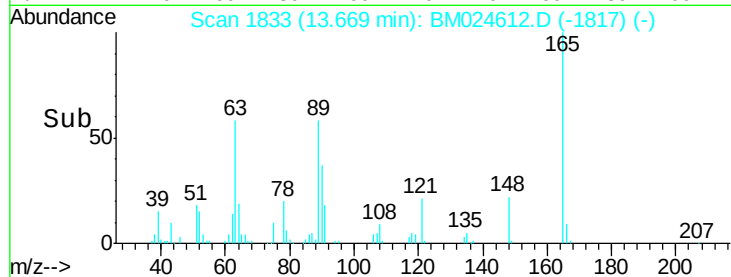
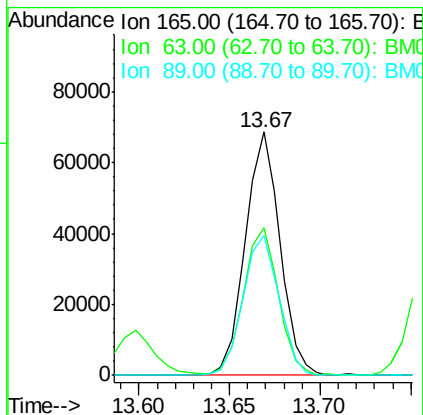
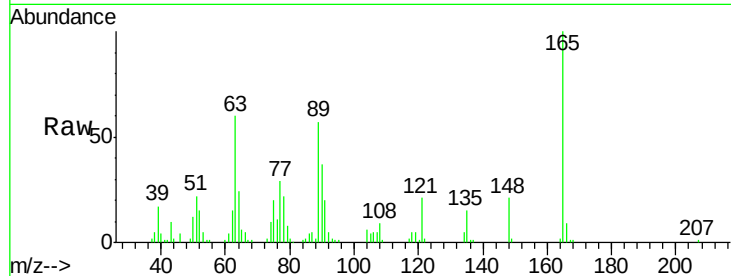
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	165	Resp:	91339
Ion Ratio	Lower	Upper	
165	100		
63	60.4	45.4	68.0
89	57.4	46.6	69.8

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#52

Acenaphthene

Concen: 7.743 ng

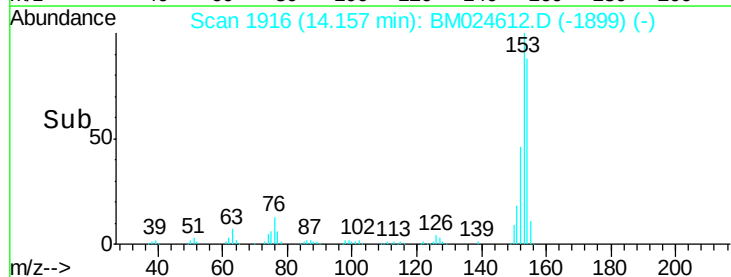
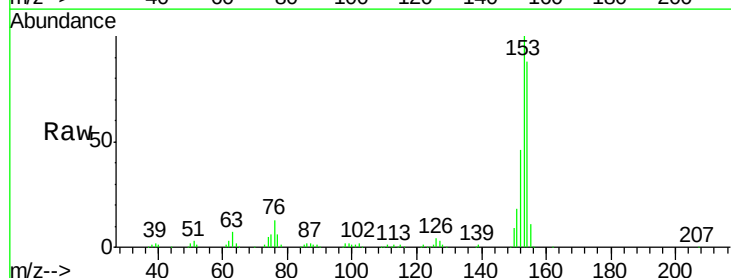
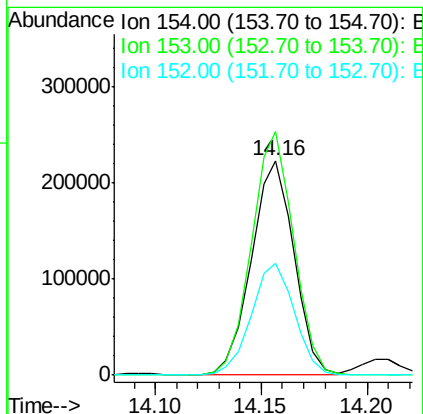
RT: 14.16 min Scan# 1916

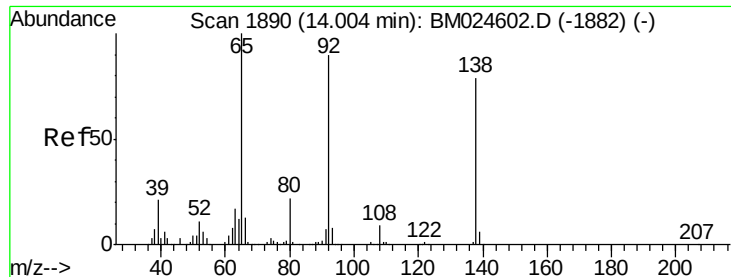
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	154	Resp:	312519
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.1	133.7
152	52.0	41.9	62.9





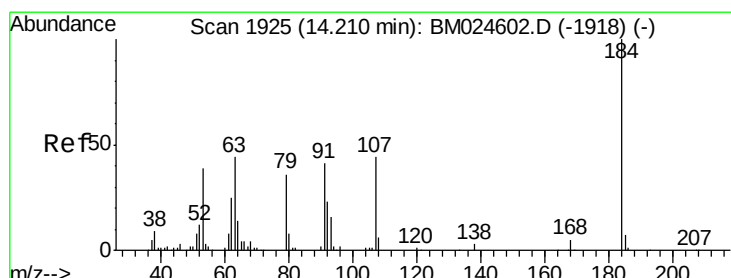
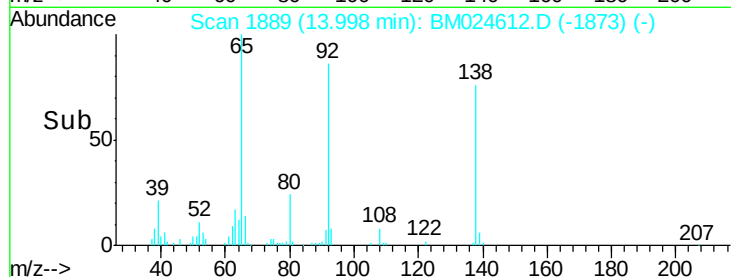
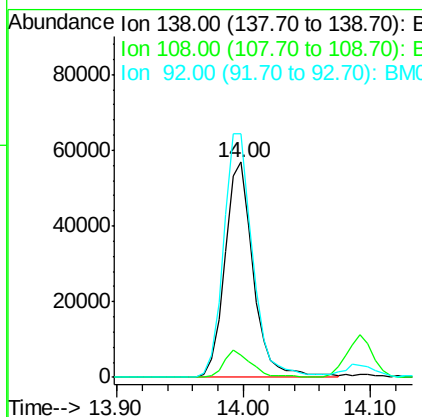
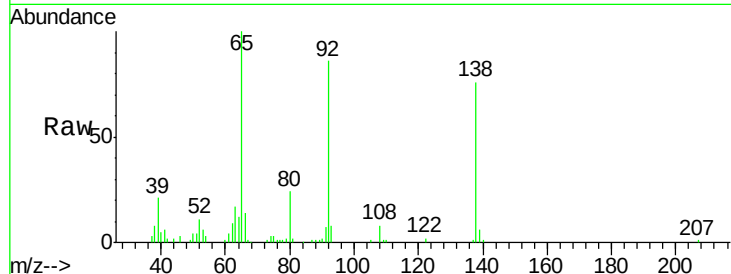
#53
3-Nitroaniline
Concen: 6.936 ng
RT: 14.00 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	113.3	91.0	136.4

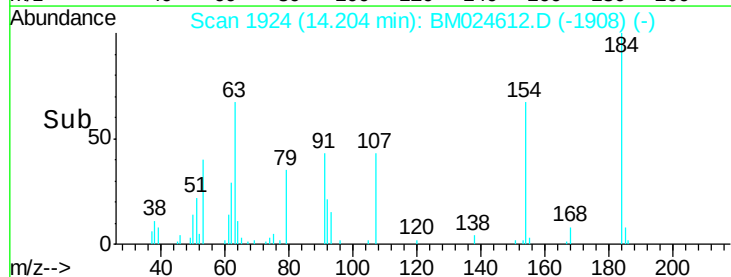
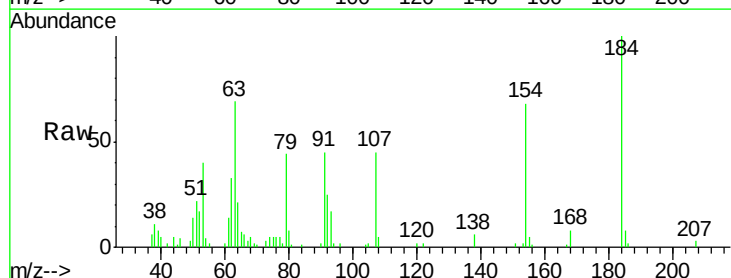
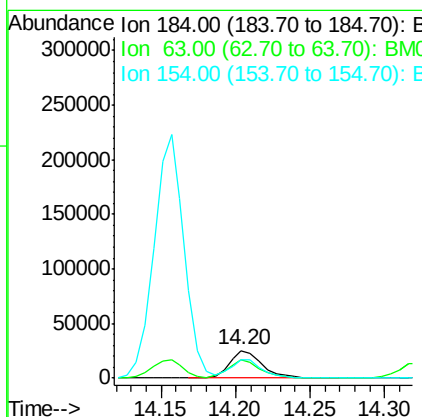
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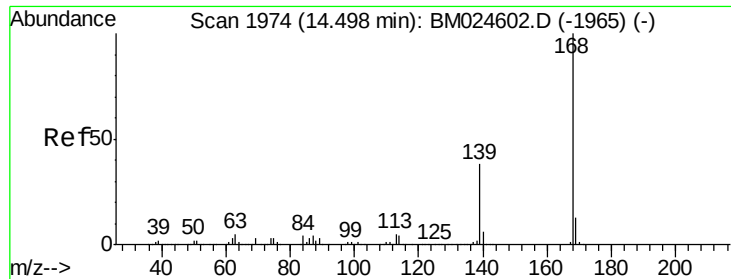
mohammad
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#54
2,4-Dinitrophenol
Concen: 5.280 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.8	51.8	77.8
154	68.1	50.2	75.4





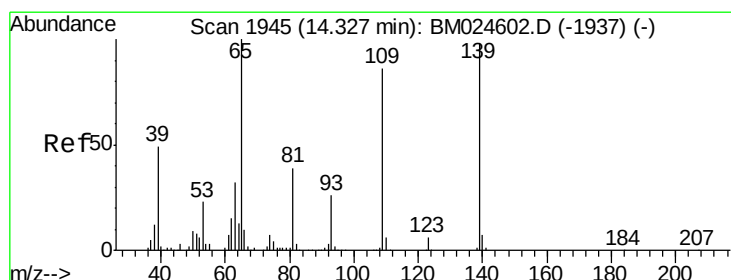
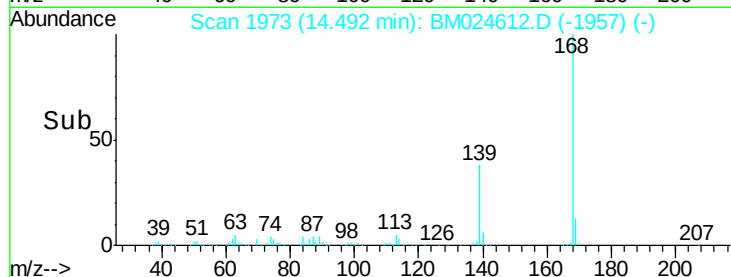
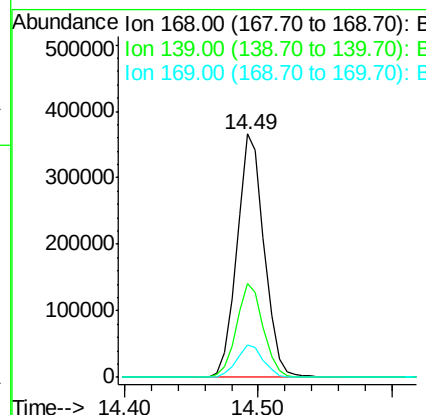
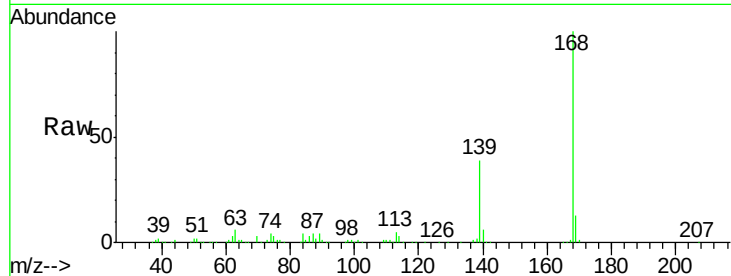
#55
Dibenzenofuran
Concen: 7.871 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.4
169	13.2	10.7	16.1

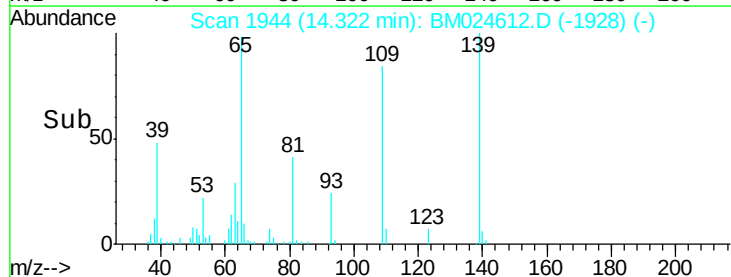
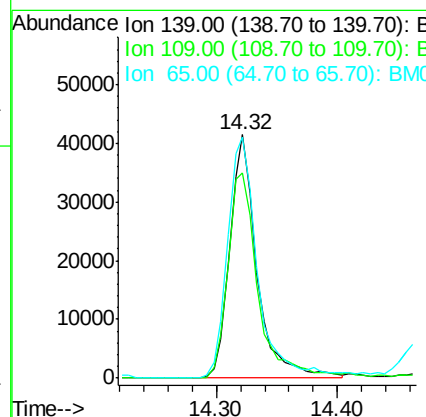
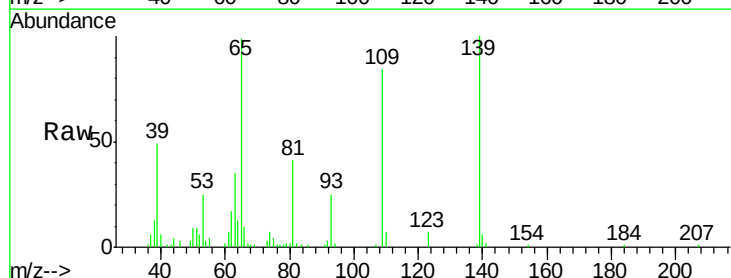
Manual Integrations
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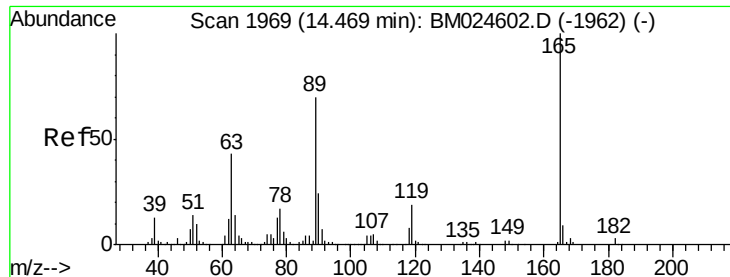
mohammad
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#56
4-Nitrophenol
Concen: 6.564 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.5	67.4	107.4
65	99.0	82.1	122.1





#57

2,4-Dinitrotoluene

Concen: 7.076 ng

RT: 14.46 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

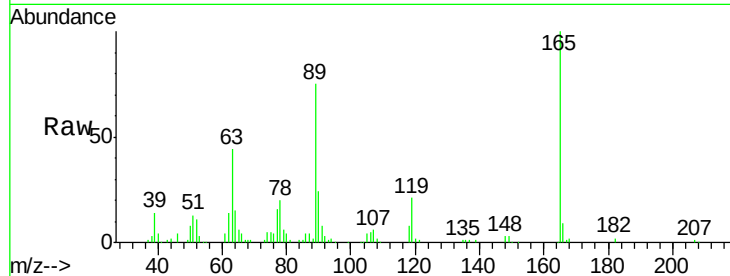
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123980		
63	44.3	34.5	51.7	
89	74.8	55.8	83.8	
182	2.3	2.3	3.5	

Manual Integrations
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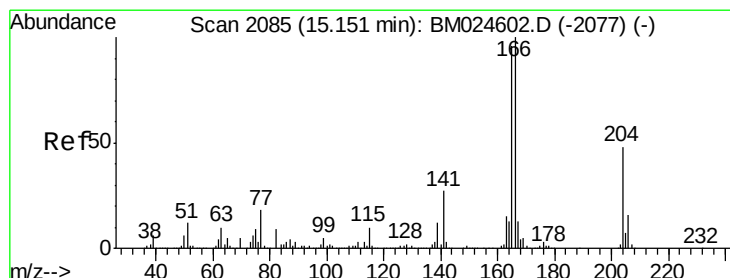
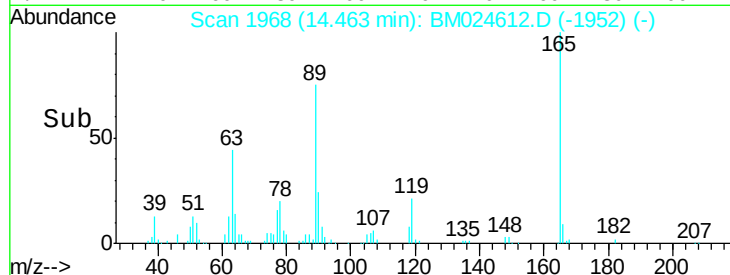
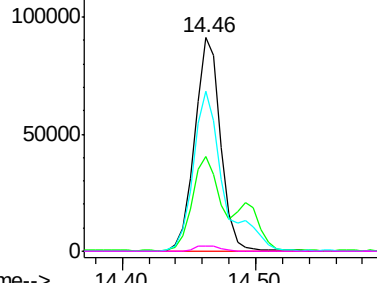


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 7.578 ng

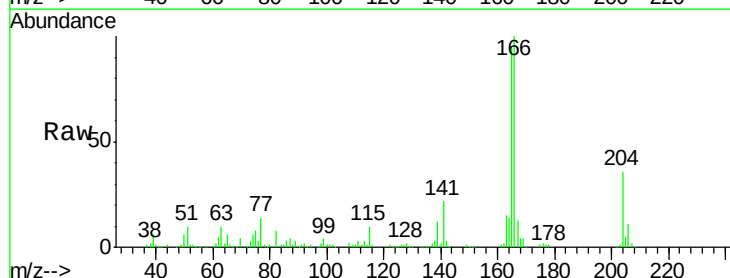
RT: 15.15 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

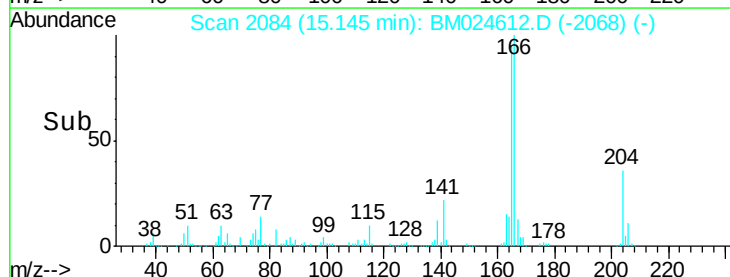
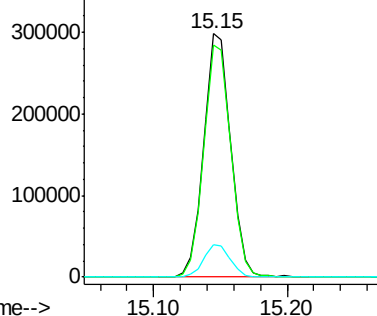
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	419204		
165	95.4	76.6	114.8	
167	13.2	10.8	16.2	

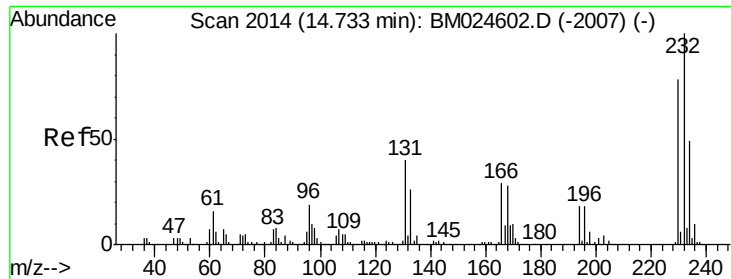


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





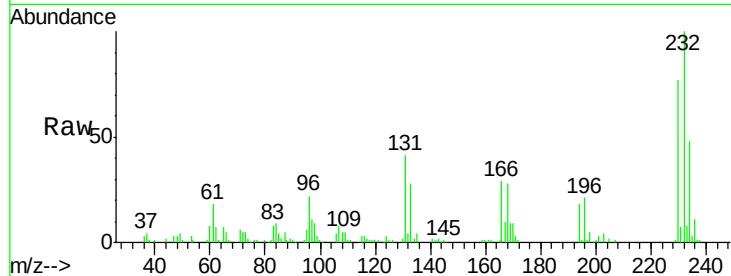
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.443 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

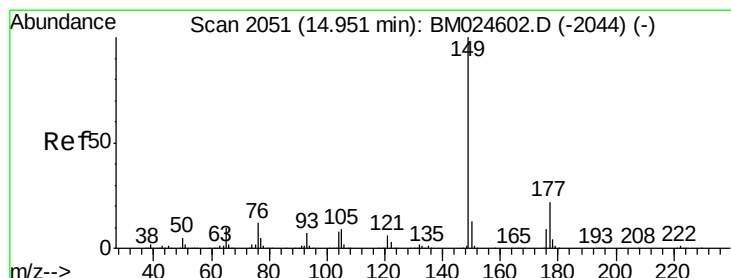
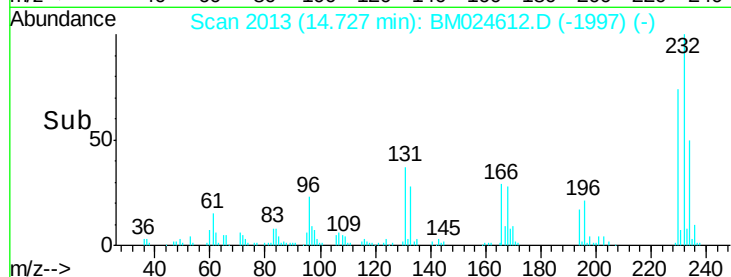
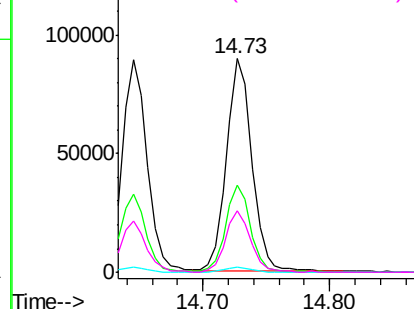
Tot Ion	Ratio	Resp	Lower	Upper
232	100	124509		
131	38.9	32.2	48.4	
130	2.5	1.9	2.9	
166	28.8	23.4	35.0	

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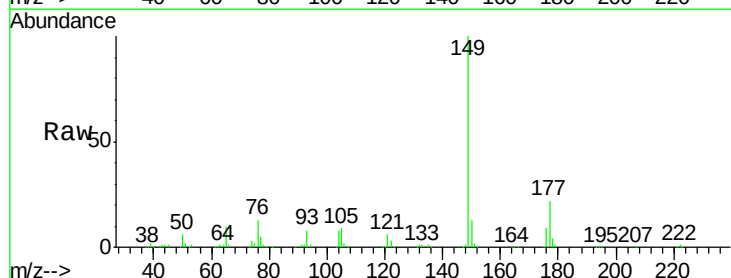


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

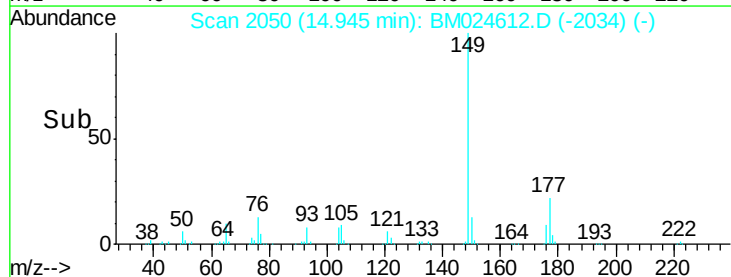
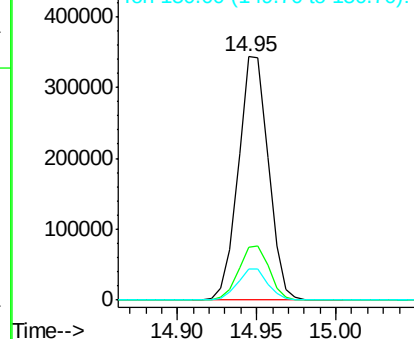


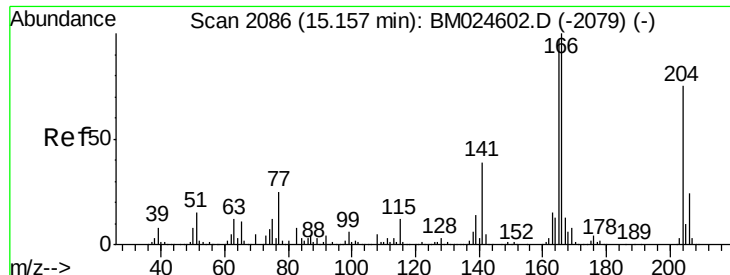
#60
Diethylphthalate
Concen: 7.745 ng
RT: 14.95 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	452134		
177	21.6	18.0	27.0	
150	12.8	10.2	15.4	



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





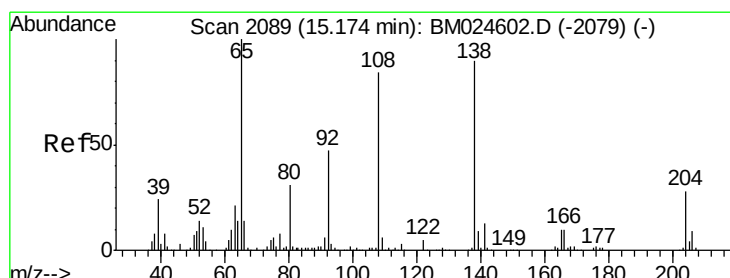
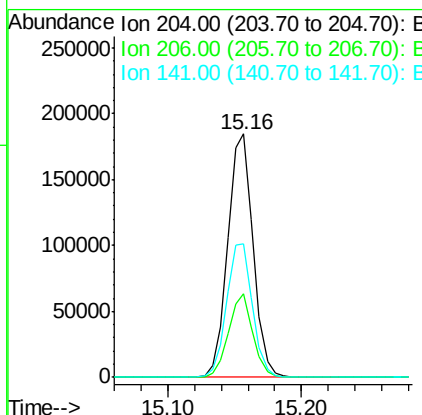
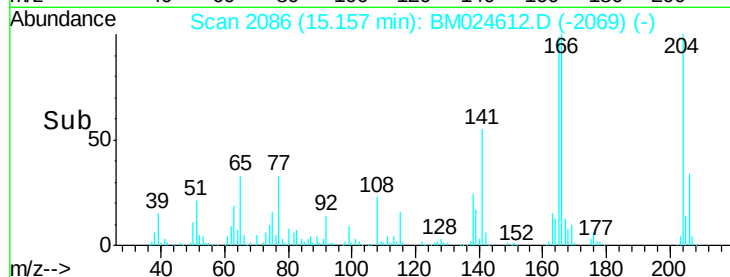
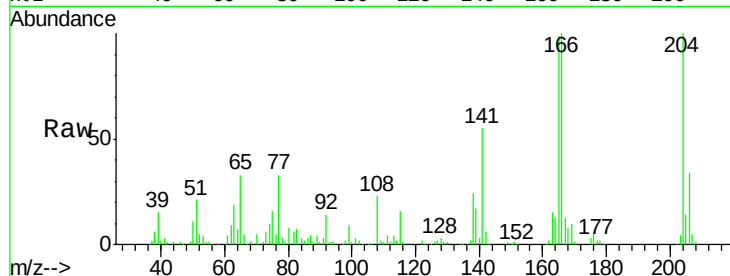
#61
 4-Chlorophenyl-phenylether
 Concen: 7.742 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion:	204	Resp:	246911
Ion Ratio	Lower	Upper	
204	100		
206	34.2	26.2	39.2
141	54.7	42.2	63.2

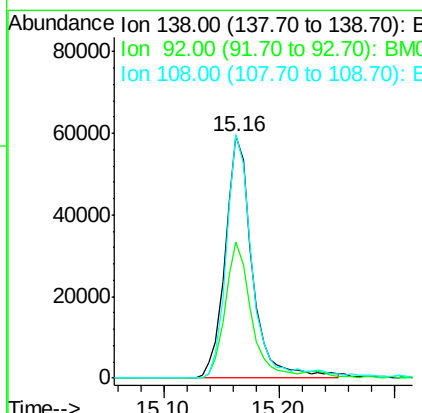
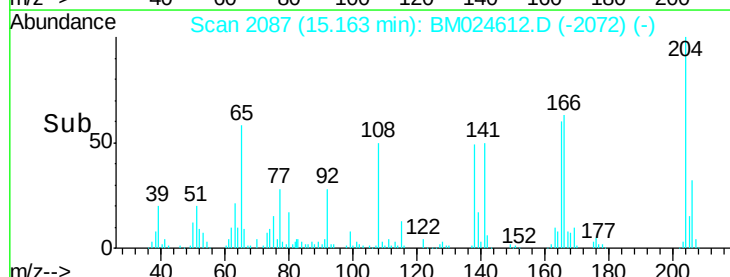
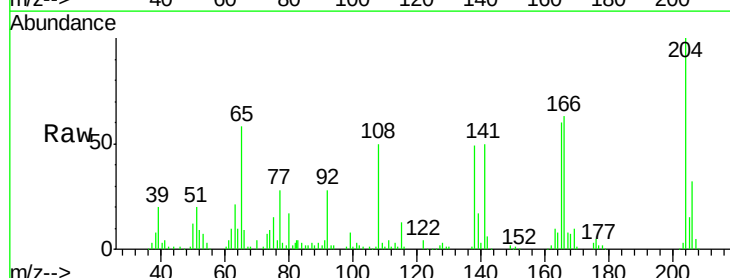
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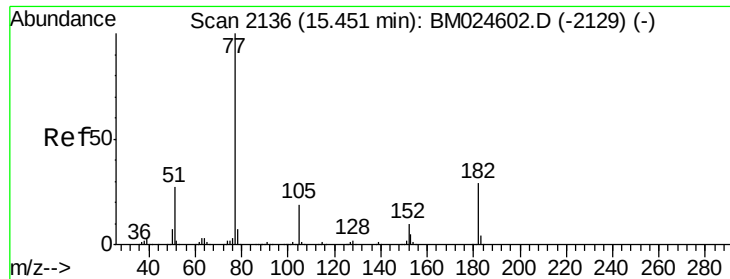
mohammad
 1/24/2020 1:55:15 PM



#62
 4-Nitroaniline
 Concen: 6.885 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion:	138	Resp:	96368
Ion Ratio	Lower	Upper	
138	100		
92	56.3	32.4	72.4
108	100.5	73.3	113.3





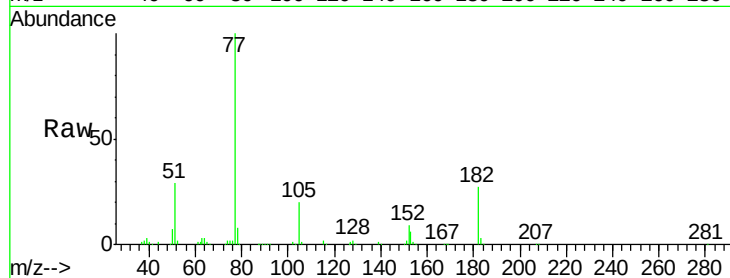
#63
Azobenzene
Concen: 7.823 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		389567		
182	26.8	8.7	48.7		
105	19.8	0.0	39.2		
51	29.0	7.5	47.5		

Manual Integrations
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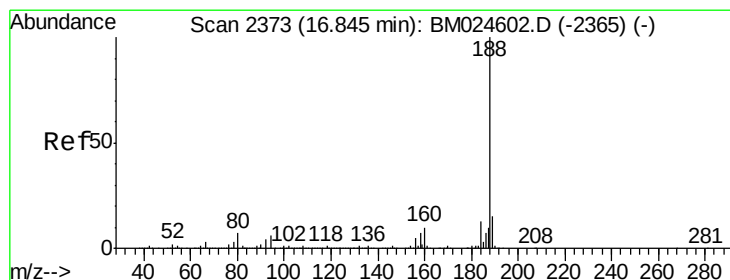
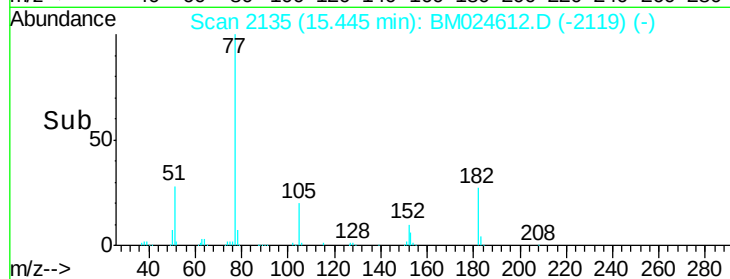
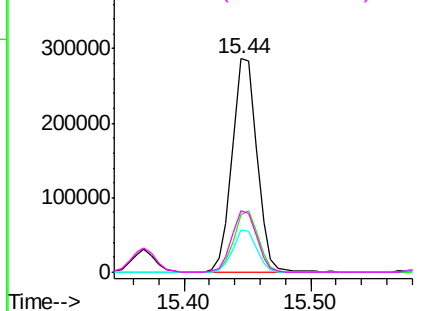


Abundance Ion 77.00 (76.70 to 77.70): BM024612.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024612.D (-2119) (-)

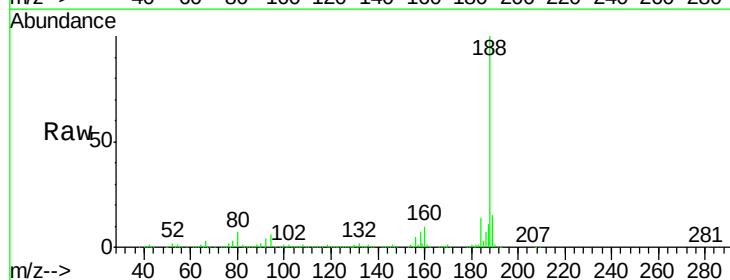
Ion 105.00 (104.70 to 105.70): BM024612.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024612.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

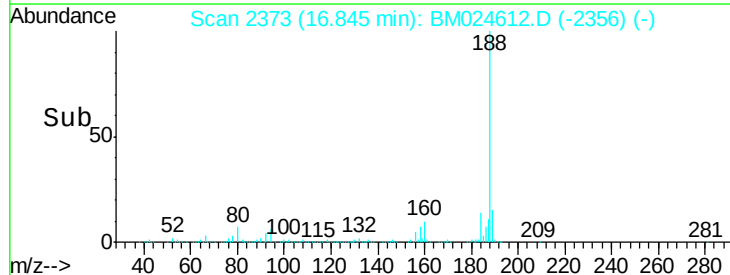
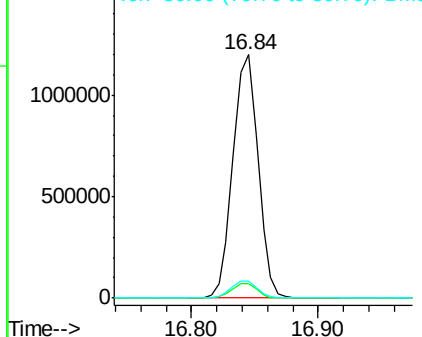
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		1647528		
94	5.9	5.0	7.6		
80	6.9	5.8	8.8		

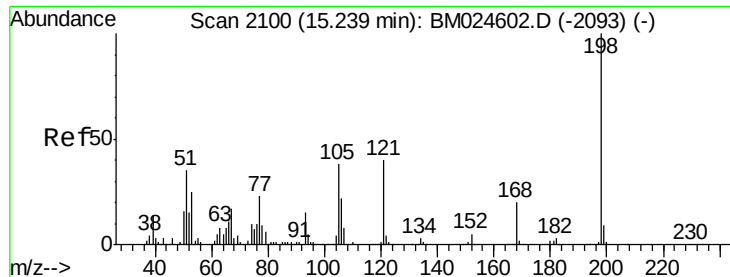


Abundance Ion 188.00 (187.70 to 188.70): BM024612.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024612.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024612.D (-2356) (-)





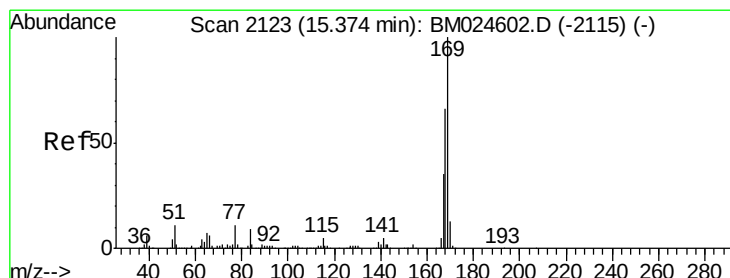
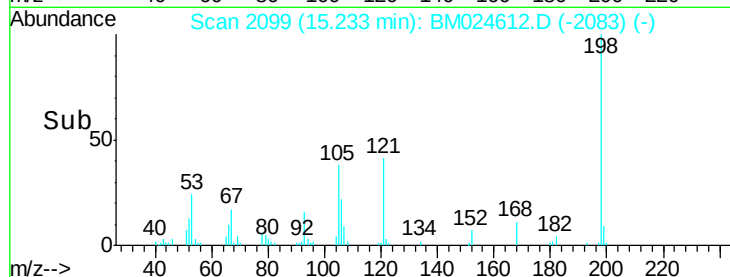
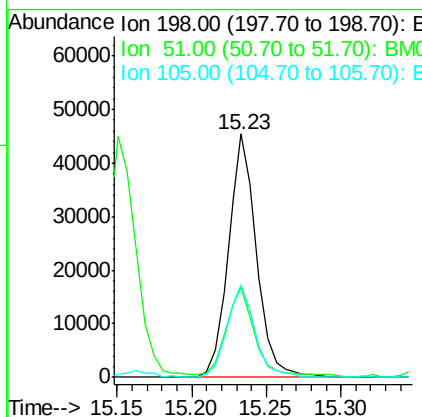
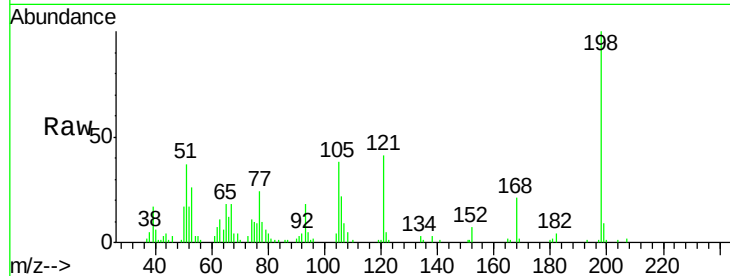
#65
4,6-Dinitro-2-methylphenol
Concen: 6.170 ng
RT: 15.23 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.7	15.8	55.8
105	38.1	18.5	58.5

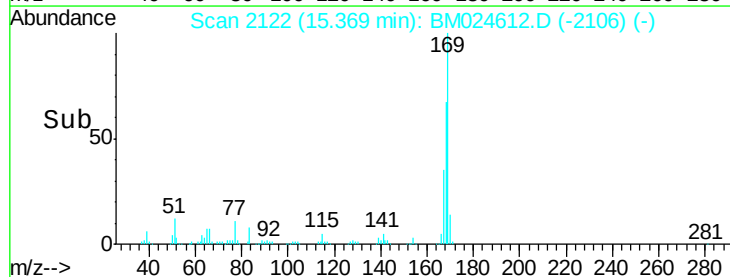
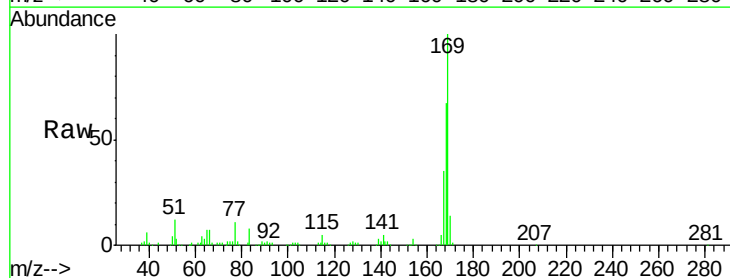
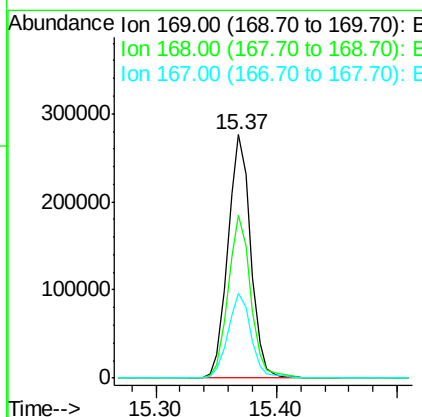
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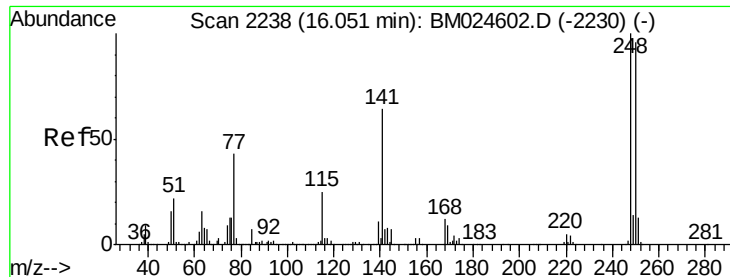
mohammad
1/24/2020 1:55:15 PM



#66
n-Nitrosodiphenylamine
Concen: 7.650 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.8	79.2
167	34.7	28.2	42.2





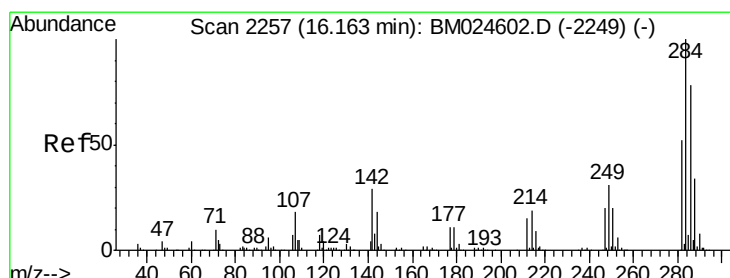
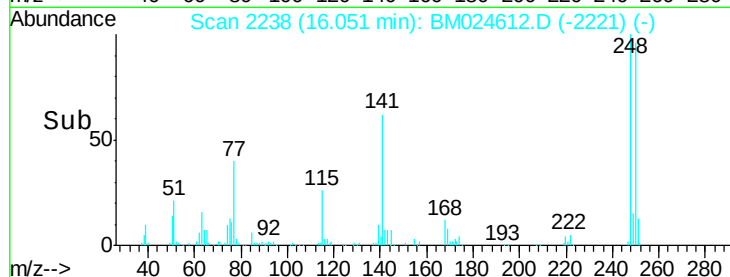
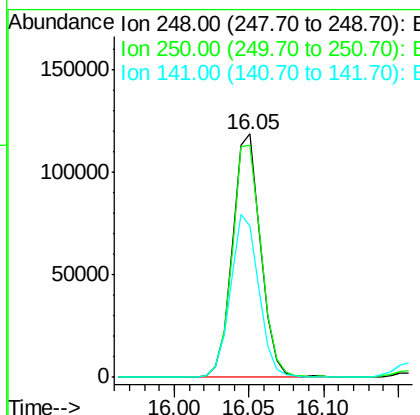
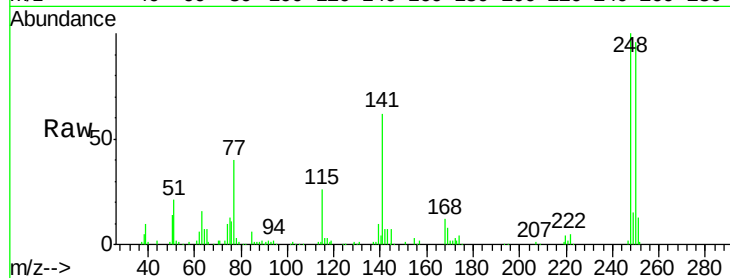
#67
 4-Bromophenyl-phenylether
 Concen: 7.636 ng
 RT: 16.05 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.6
141	62.1	50.9	76.3

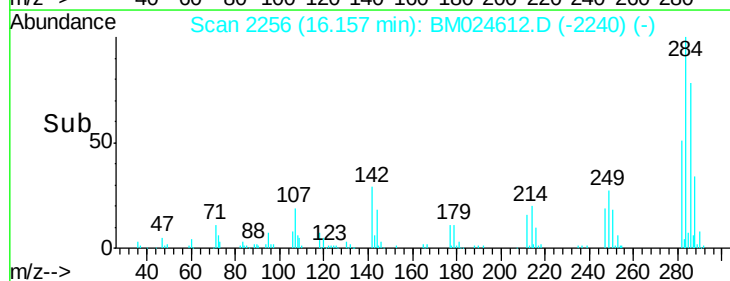
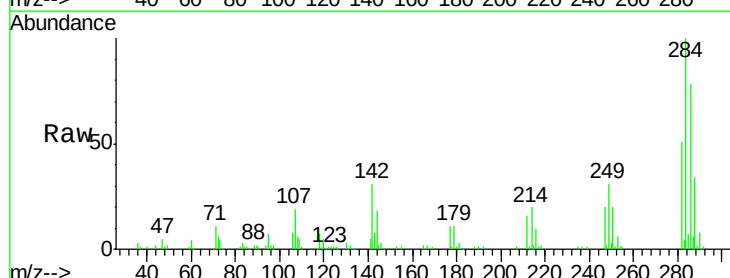
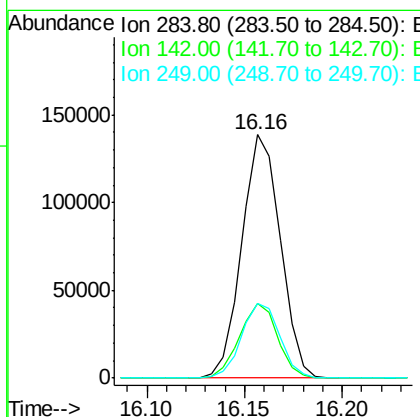
Manual Integrations
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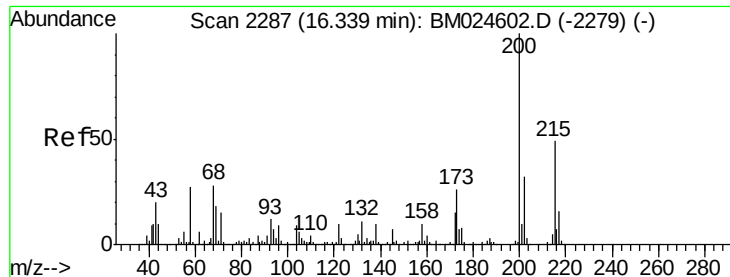
mohammad
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#68
 Hexachlorobenzene
 Concen: 8.064 ng
 RT: 16.16 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.5	35.3
249	30.8	24.6	36.8





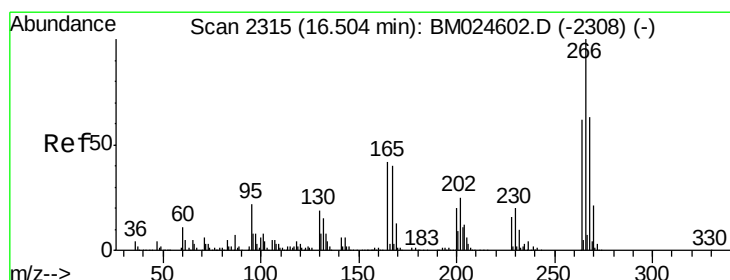
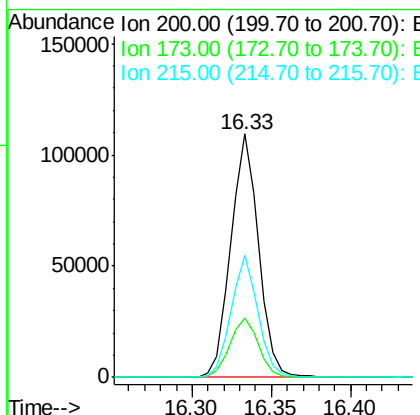
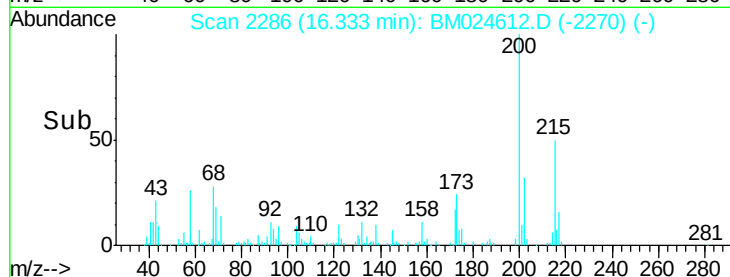
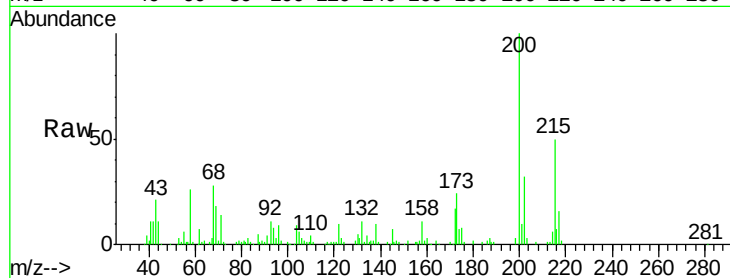
#69
Atrazine
Concen: 7.299 ng
RT: 16.33 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.1	5.5	45.5	
215	50.1	29.4	69.4	

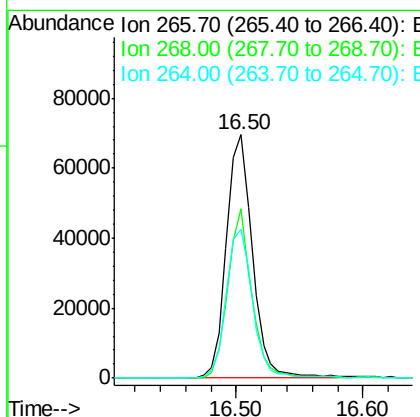
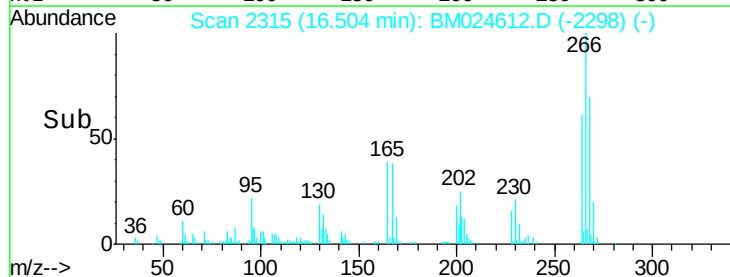
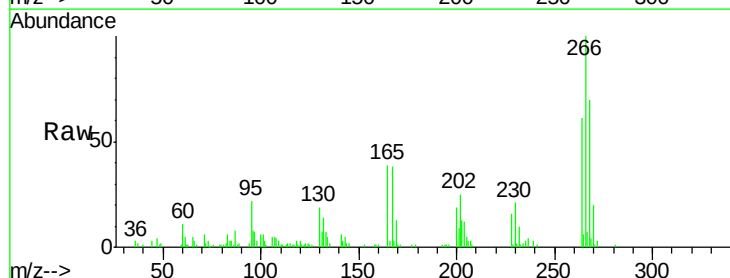
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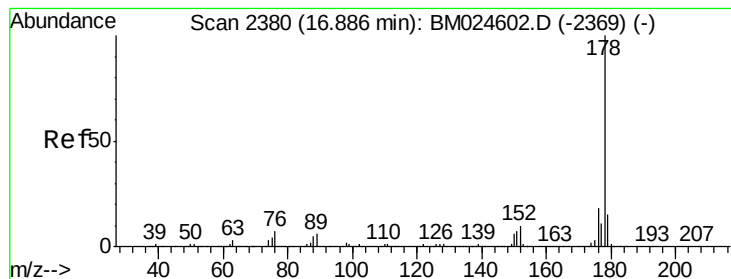
mohammad
1/24/2020 1:55:15 PM



#70
Pentachlorophenol
Concen: 6.931 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	69.7	50.4	75.6	
264	60.9	49.9	74.9	





#71

Phenanthrene

Concen: 7.754 ng

RT: 16.89 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

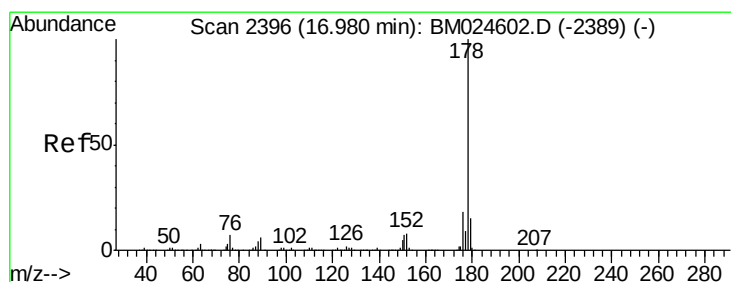
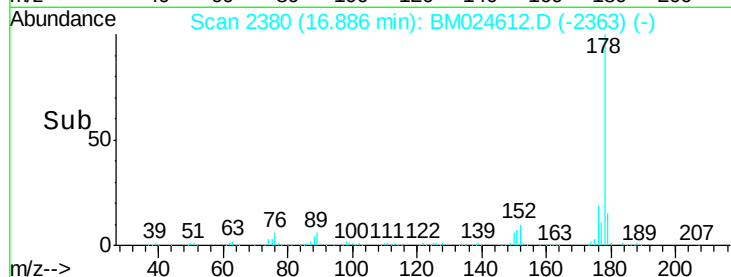
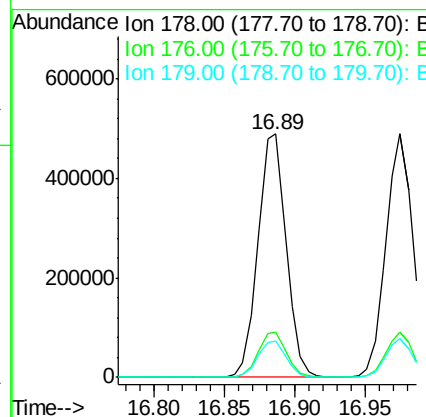
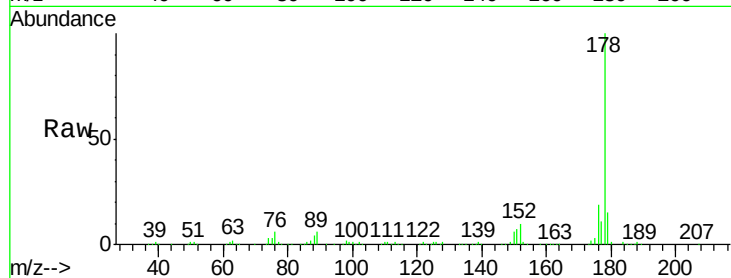
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:178	Resp:	691759
Ion Ratio	Lower	Upper
178 100		
176 18.6	14.5	21.7
179 14.7	11.9	17.9

Manual Integrations
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1/24/2020 1:55:15 PM



#72

Anthracene

Concen: 7.574 ng

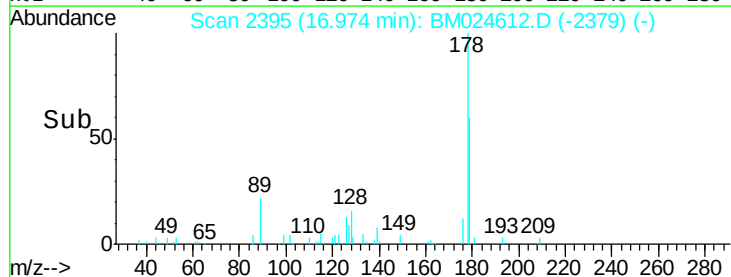
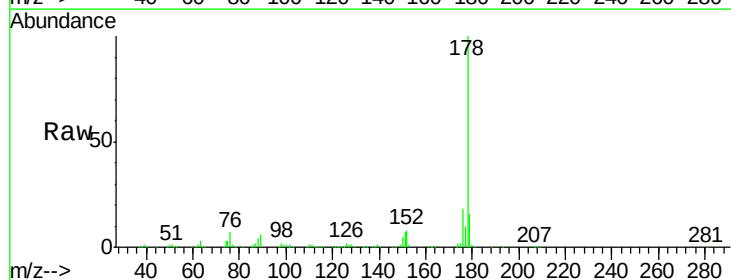
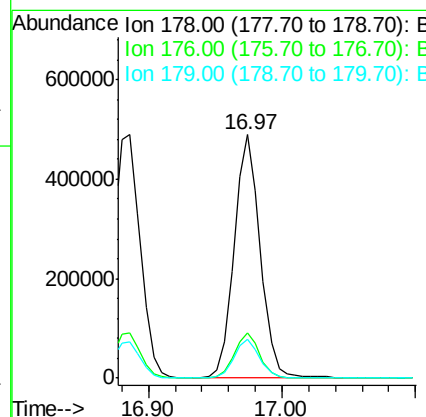
RT: 16.97 min Scan# 2395

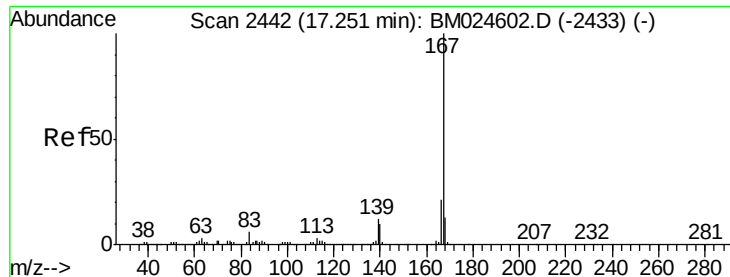
Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:178	Resp:	661190
Ion Ratio	Lower	Upper
178 100		
176 18.4	14.3	21.5
179 15.7	12.1	18.1





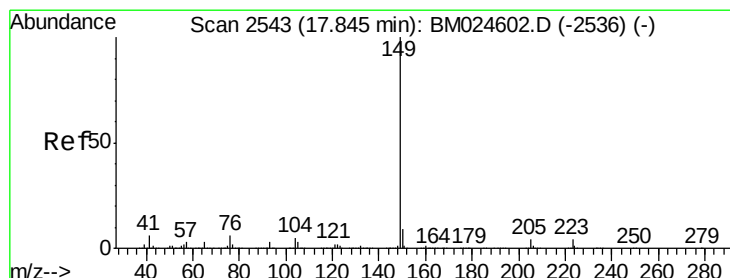
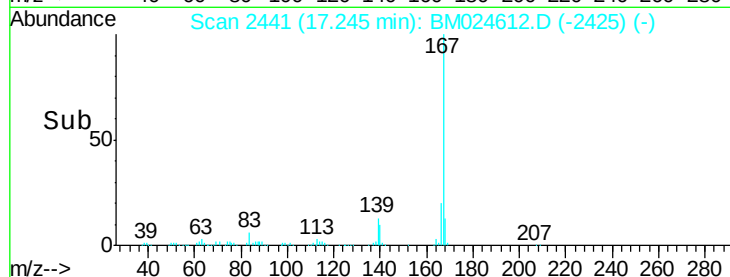
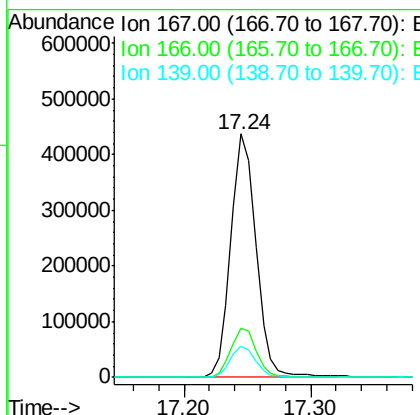
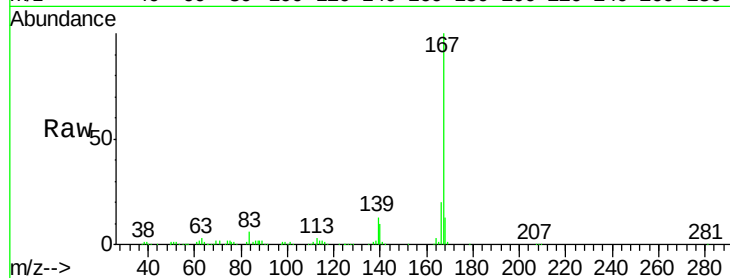
#73
 Carbazole
 Concen: 7.603 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.1	25.7
139	12.6	9.8	14.8

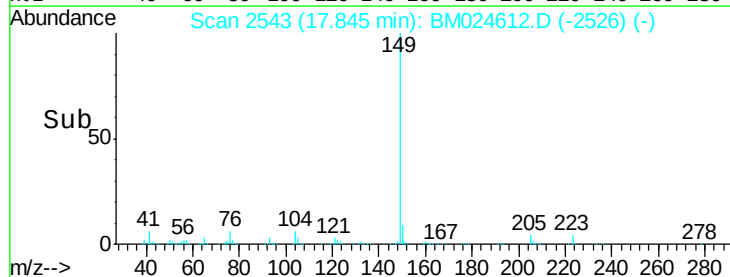
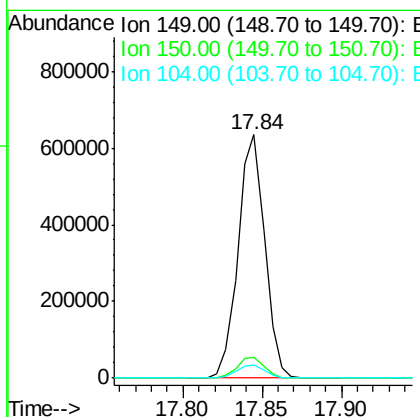
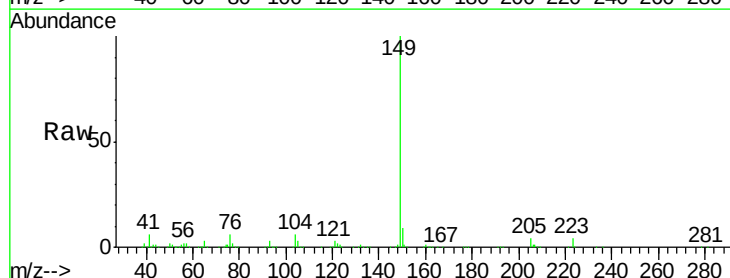
Manual Integrations
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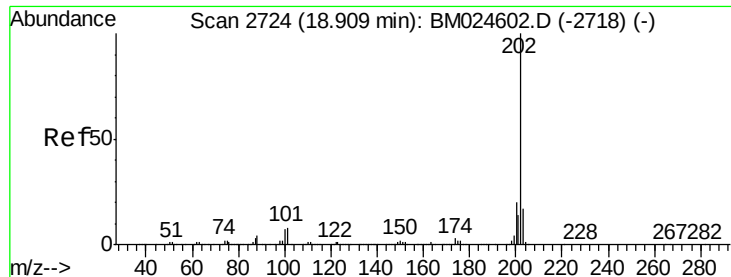
mohammad
 1/24/2020 1:55:15 PM



#74
 Di-n-butylphthalate
 Concen: 7.267 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.0
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 7.579 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

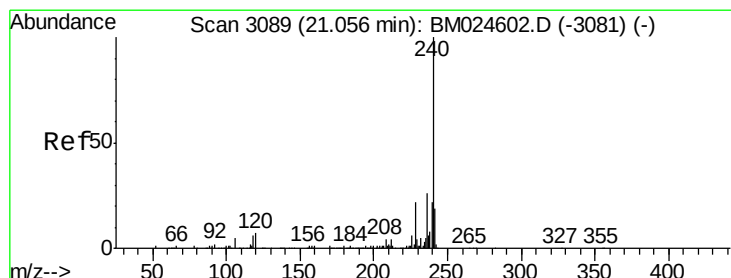
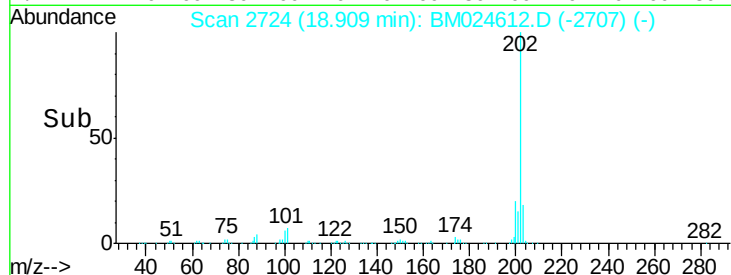
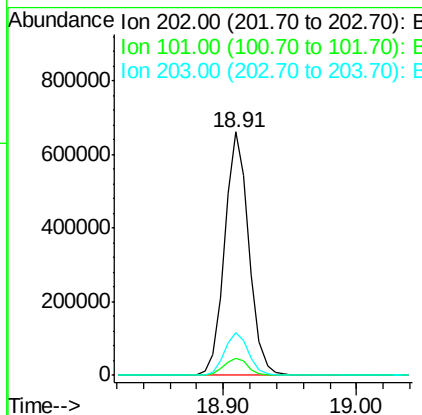
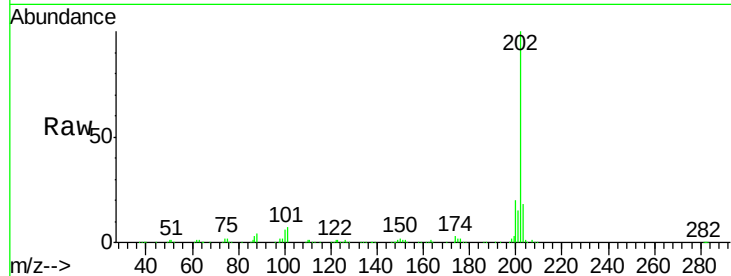
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		843985		
101	7.2	0.0	28.4		
203	17.5	0.0	37.5		

Manual Integrations
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mohammad
1/24/2020 1:55:15 PM



#76

Chrysene-d12

Concen: 20.000 ng

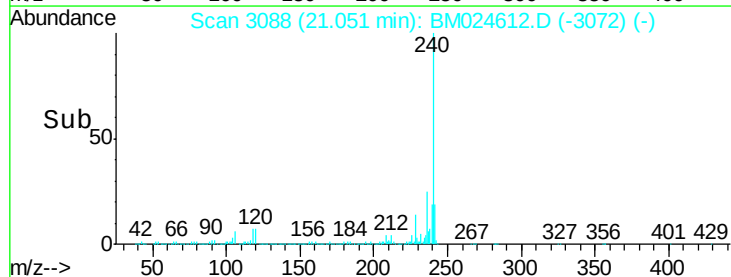
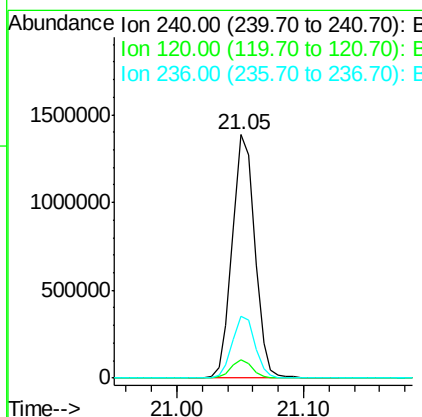
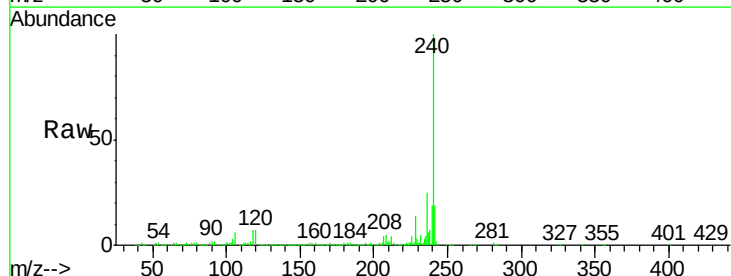
RT: 21.05 min Scan# 3088

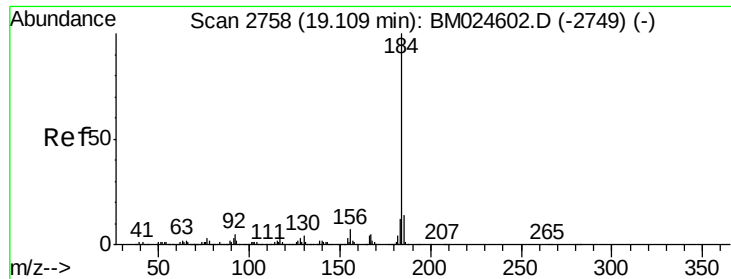
Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		1703824		
120	7.4	5.3	7.9		
236	25.5	20.6	31.0		





#77

Benzidine

Concen: 6.569 ng

RT: 19.11 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

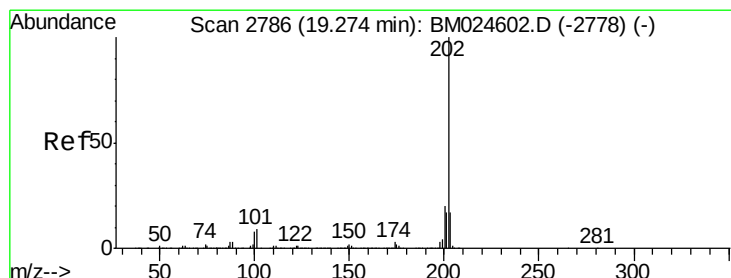
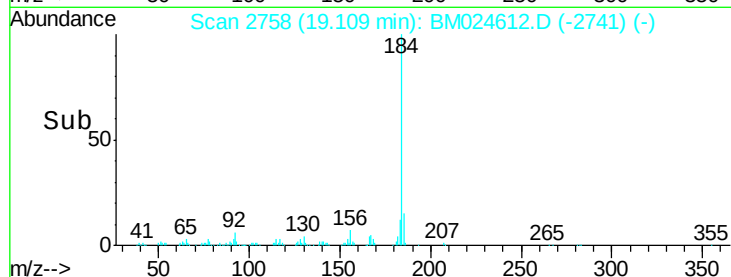
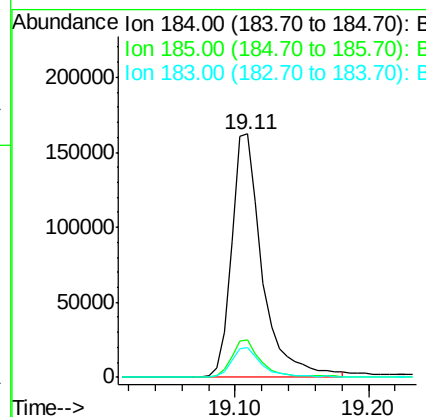
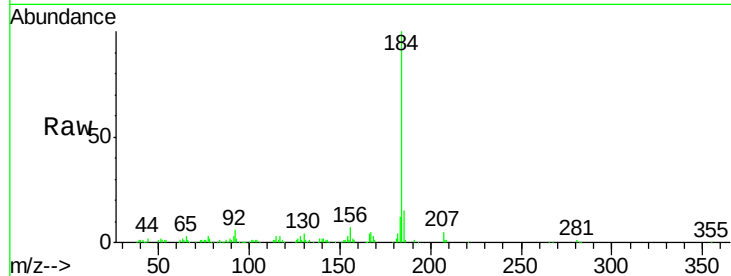
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	184	Resp:	260671
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.3	16.9
183	12.2	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 7.771 ng

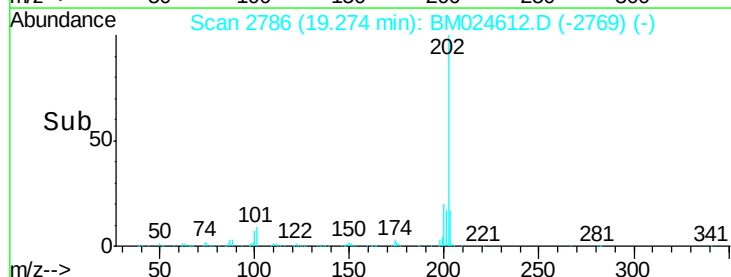
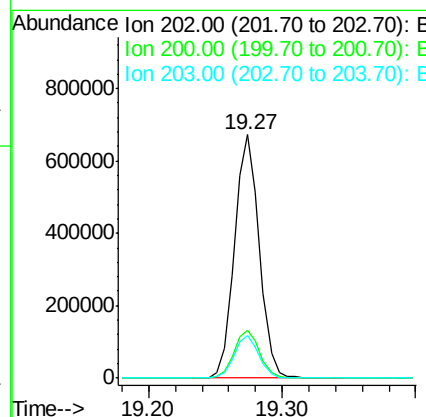
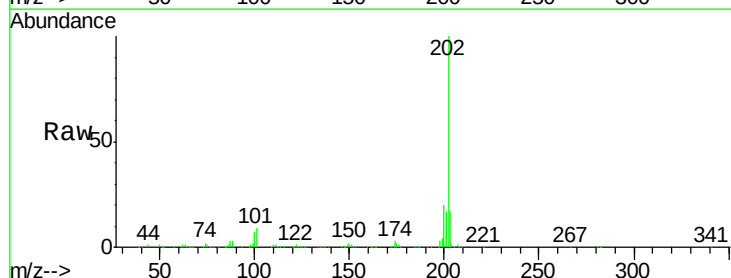
RT: 19.27 min Scan# 2786

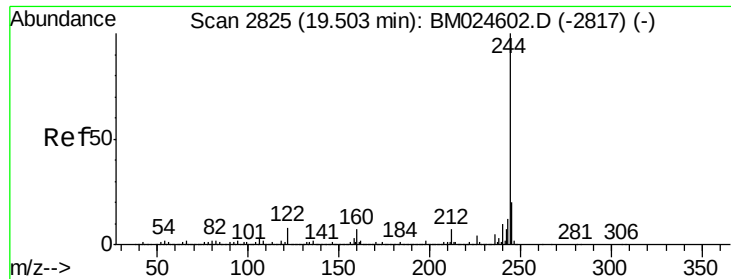
Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	202	Resp:	872869
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.2	24.2
203	17.3	14.0	21.0





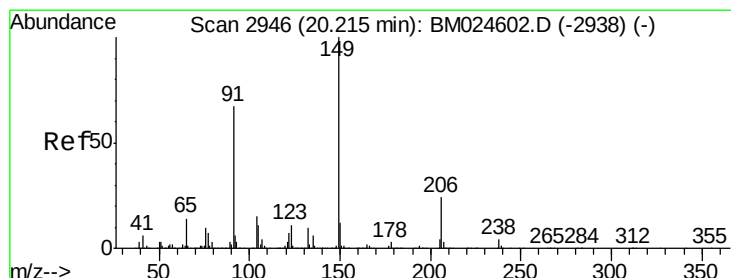
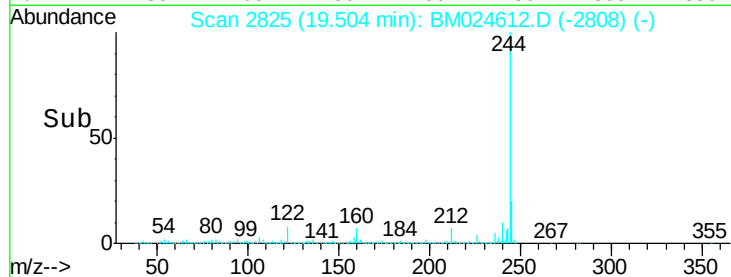
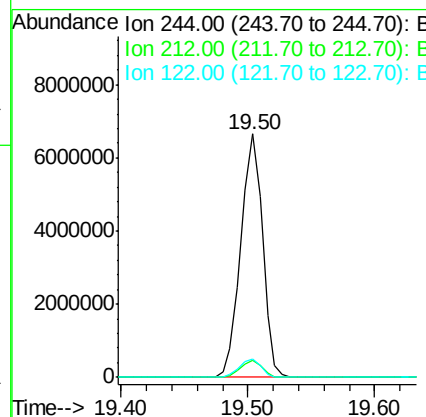
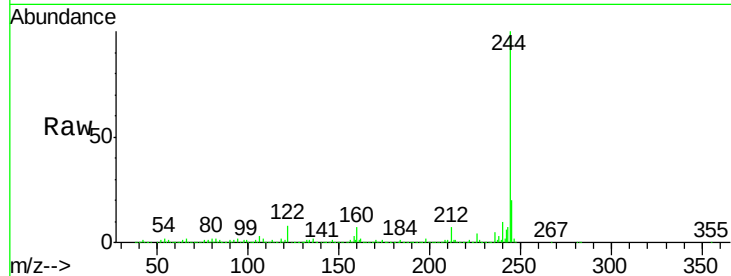
#79
 Terphenyl-d14
 Concen: 86.311 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	7.8	6.2	9.4

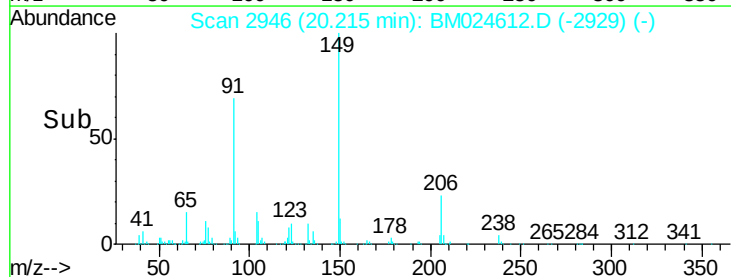
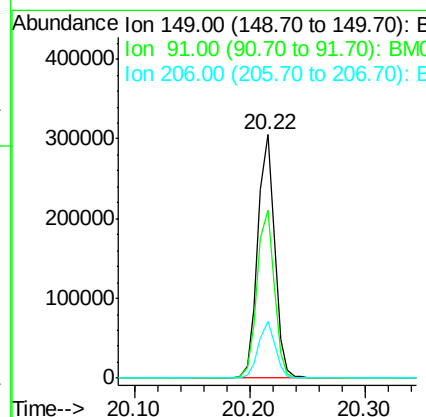
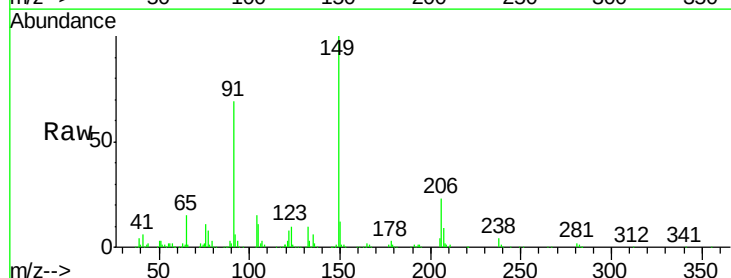
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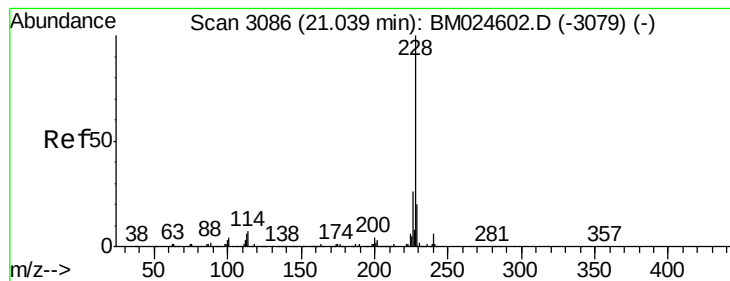
mohammad
 1/24/2020 1:55:15 PM



#80
 Butylbenzylphthalate
 Concen: 6.662 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	53.9	80.9
206	23.3	19.0	28.6





#81

Benzo(a)anthracene

Concen: 7.735 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

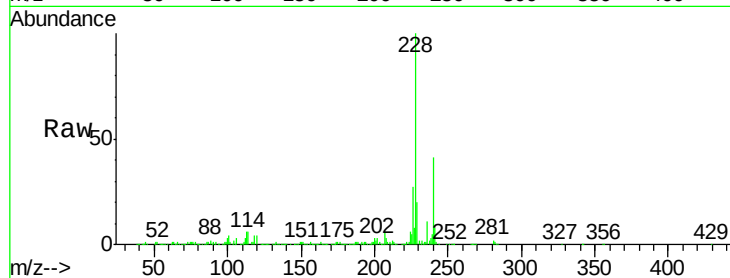
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

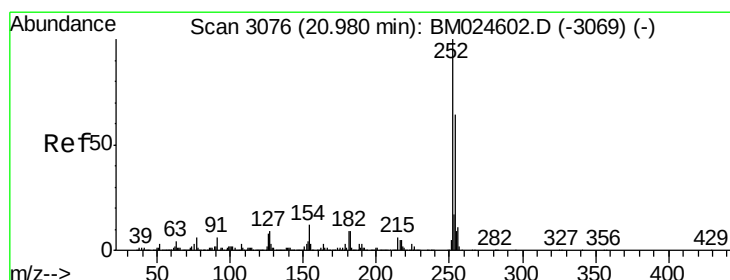
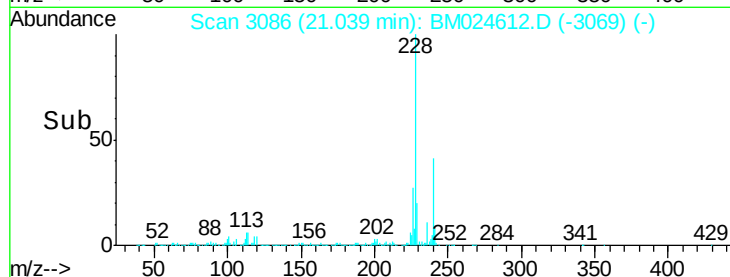
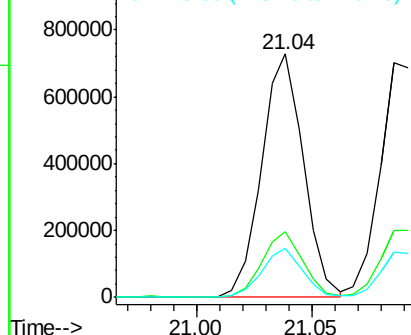
Tot Ion:	228	Resp:	914760
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.1	31.7
229	19.9	15.8	23.6

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 6.811 ng

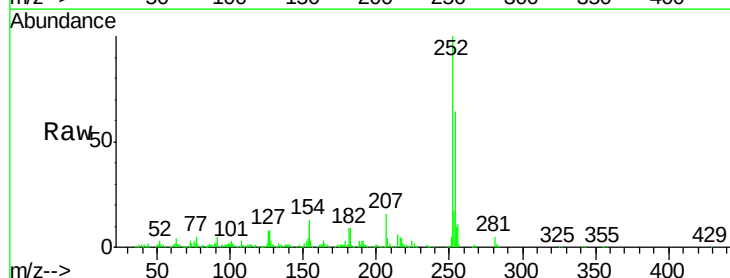
RT: 20.98 min Scan# 3076

Delta R.T. 0.00 min

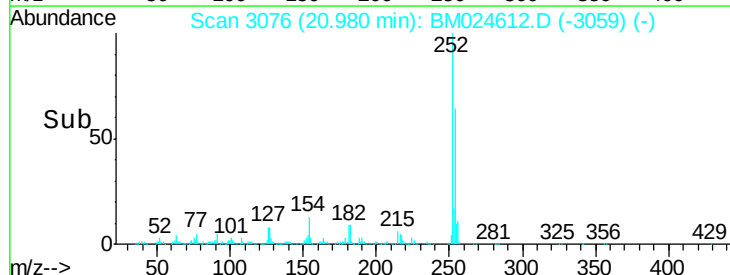
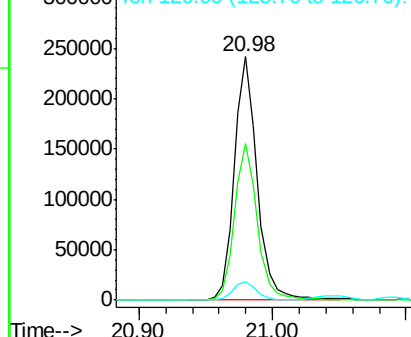
Lab File: BM024612.D

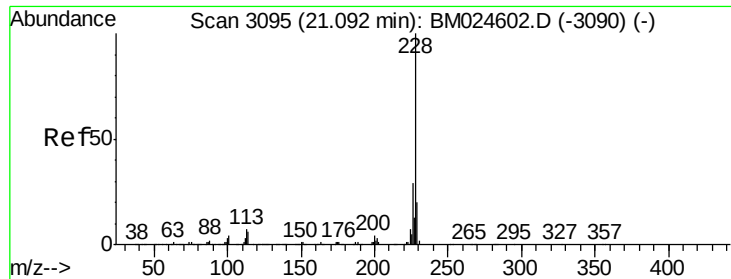
Acq: 23 Jan 2020 17:45

Tgt Ion:	252	Resp:	289747
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.5	77.3
126	7.7	6.7	10.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





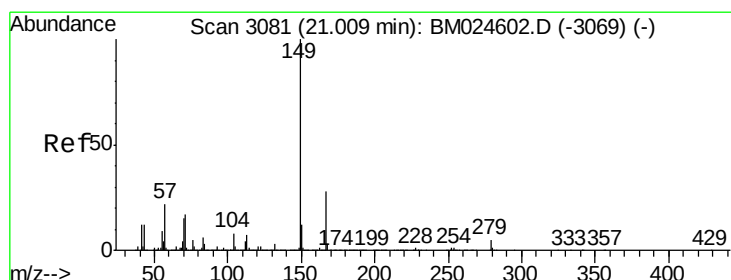
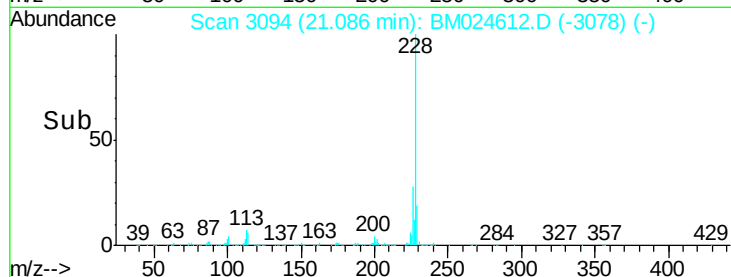
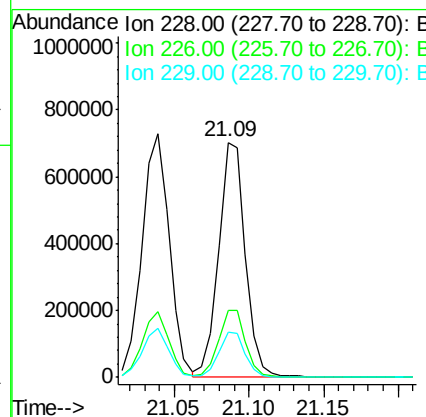
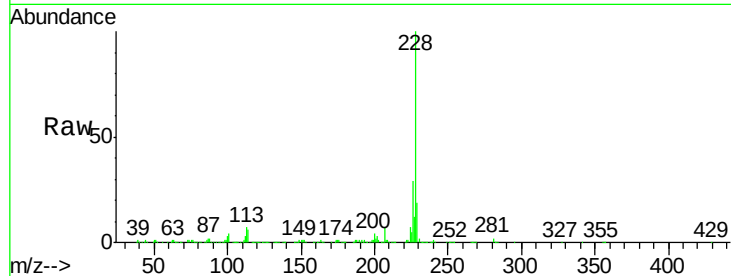
#83
 Chrysene
 Concen: 7.798 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

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

Tot Ion:	228	Resp:	879920
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.2	34.8
229	19.4	15.7	23.5

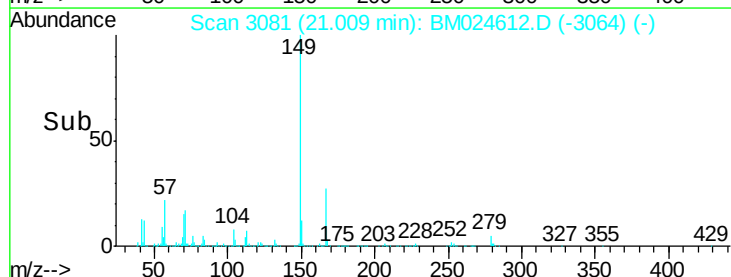
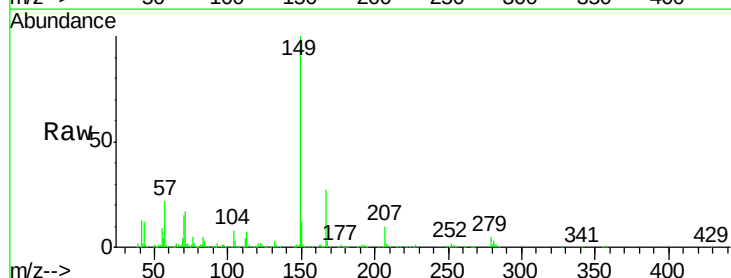
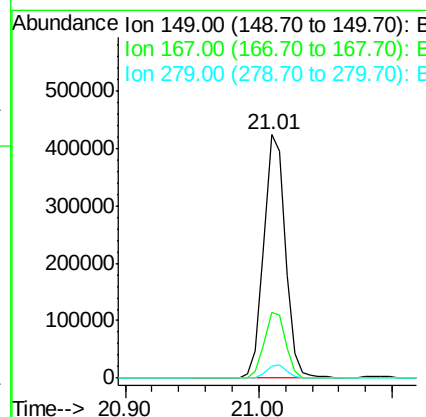
Manual Integrations
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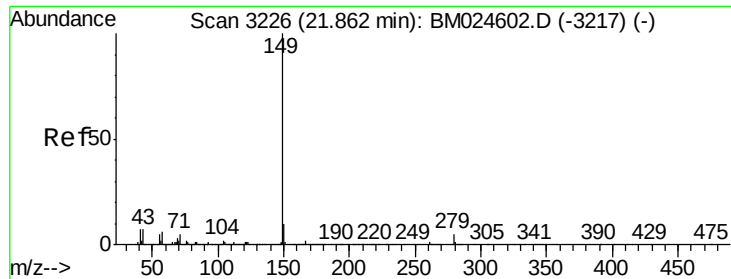
mohammad
 1/24/2020 1:55:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.747 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM024612.D
 Acq: 23 Jan 2020 17:45

Tgt Ion:	149	Resp:	469195
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.5	33.7
279	5.0	4.0	6.0





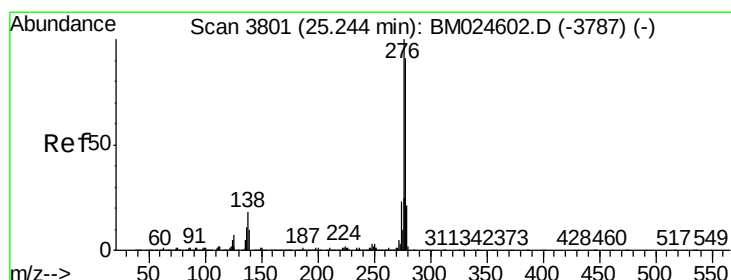
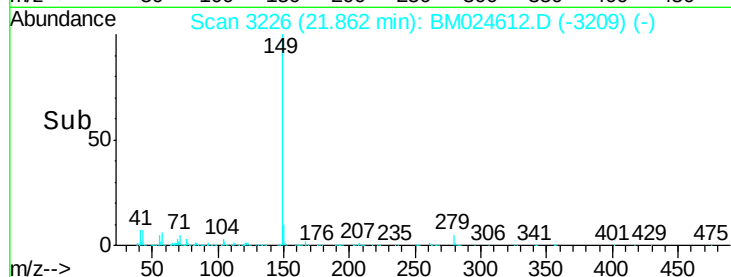
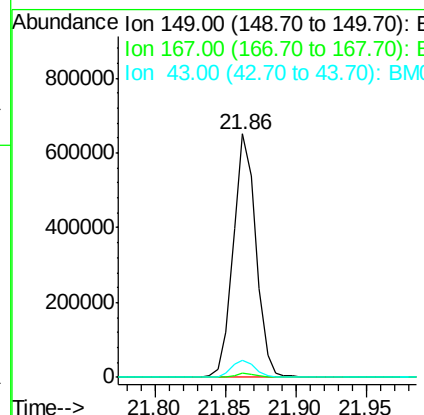
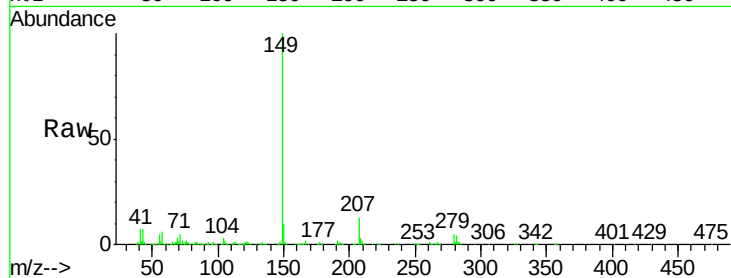
#85
Di-n-octyl phthalate
Concen: 6.291 ng
RT: 21.86 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		722821		
167	1.7	1.3	1.9		
43	7.4	5.8	8.6		

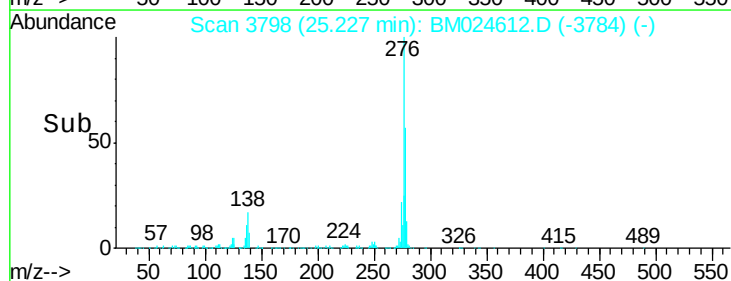
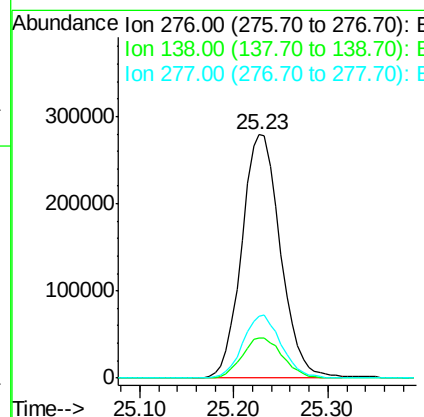
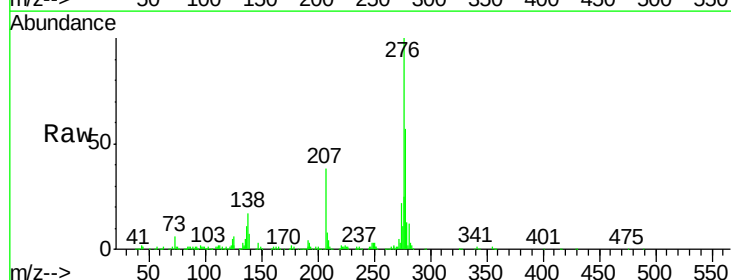
Manual Integrations
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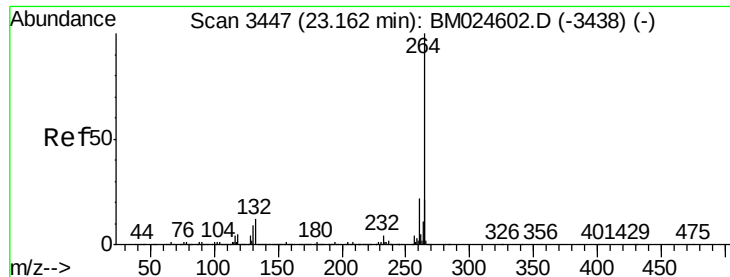
mohammad
1/24/2020 1:55:15 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.470 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		795775		
138	17.5	13.4	20.0		
277	25.6	19.6	29.4		





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.17 min Scan# 3448

Delta R.T. 0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:264 Resp: 1730996

Ion Ratio Lower Upper

264 100

260 22.7 17.9 26.9

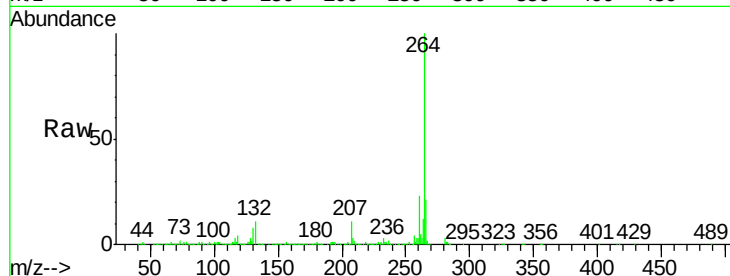
265 21.4 17.3 25.9

Manual Integrations

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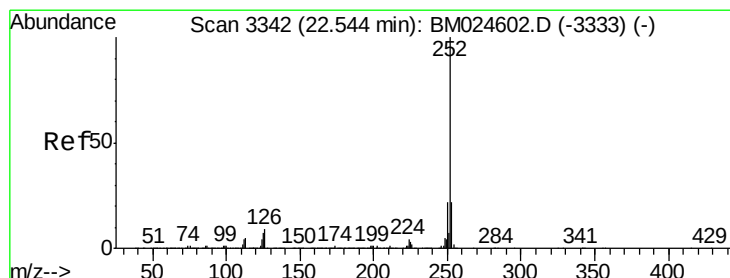
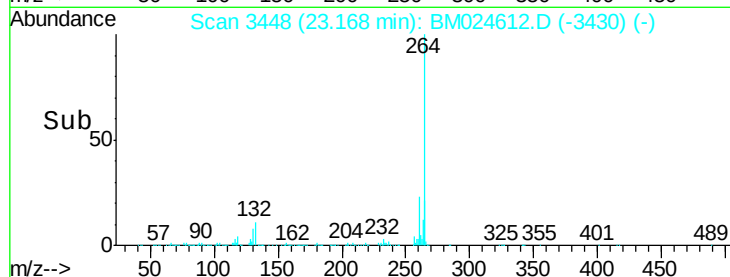
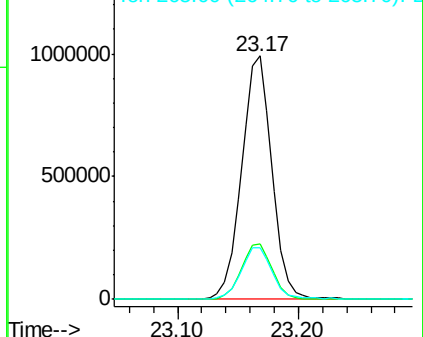
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 7.411 ng

RT: 22.54 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

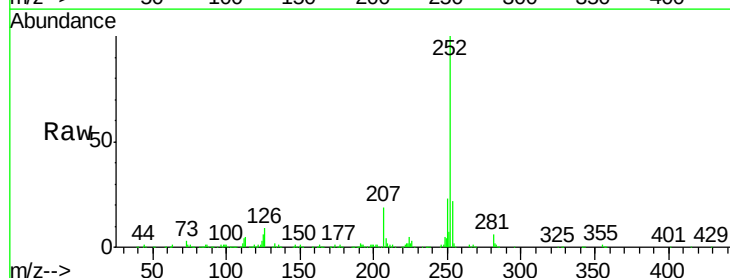
Tgt Ion:252 Resp: 832018

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

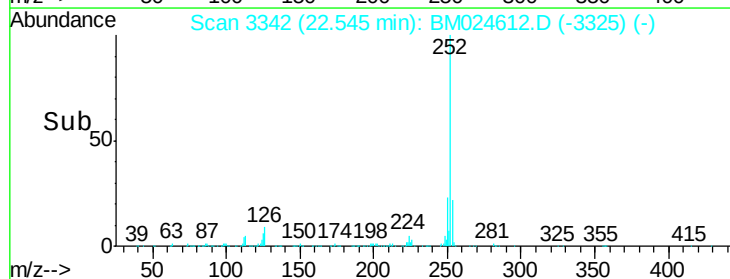
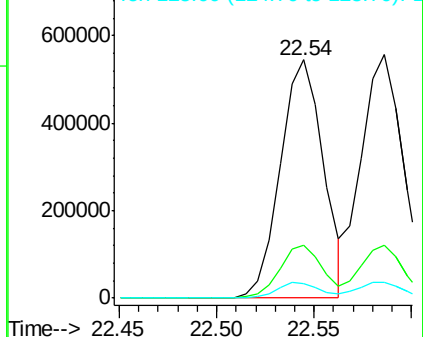
125 6.3 5.7 8.5

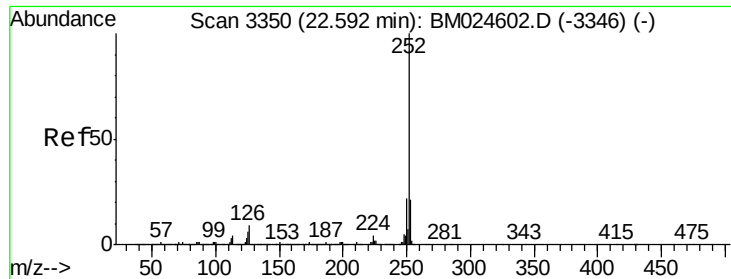


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





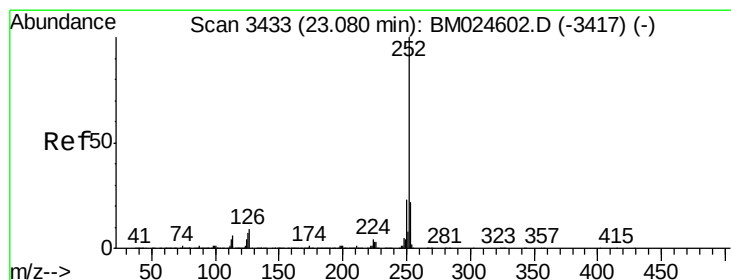
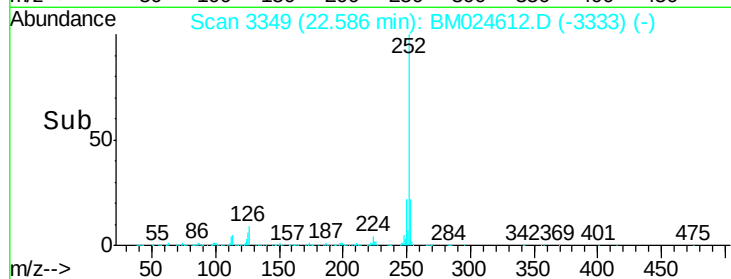
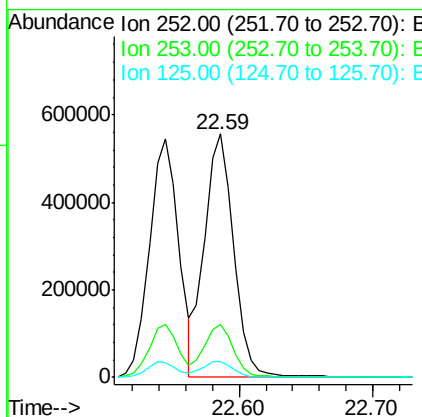
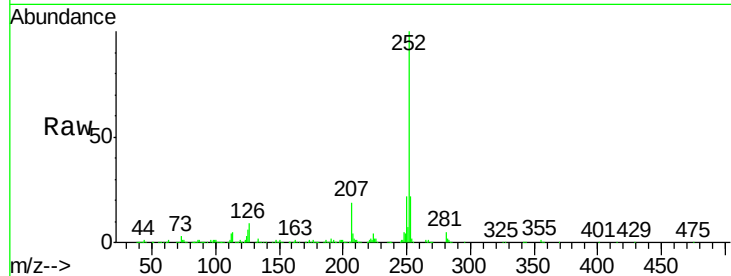
#89
Benzo(k)fluoranthene
Concen: 7.697 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	6.5	5.2	7.8

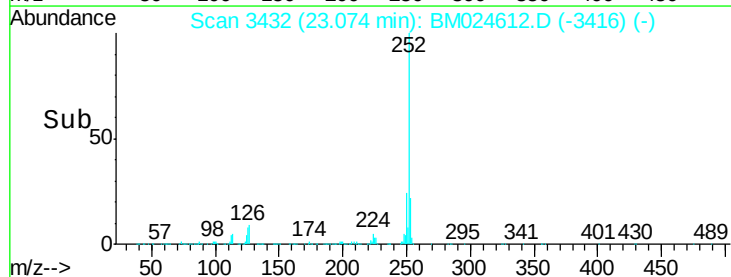
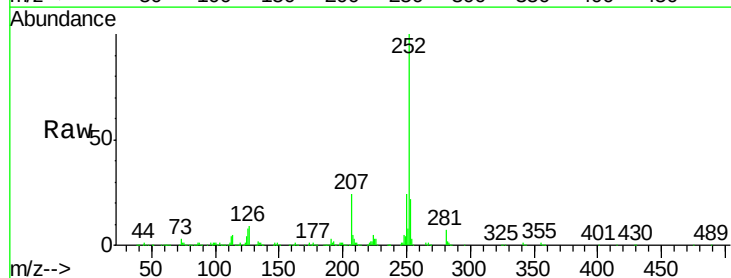
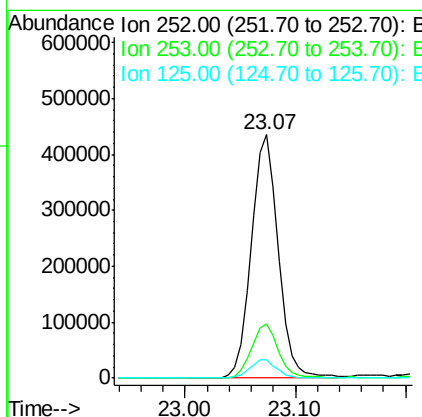
Manual Integrations
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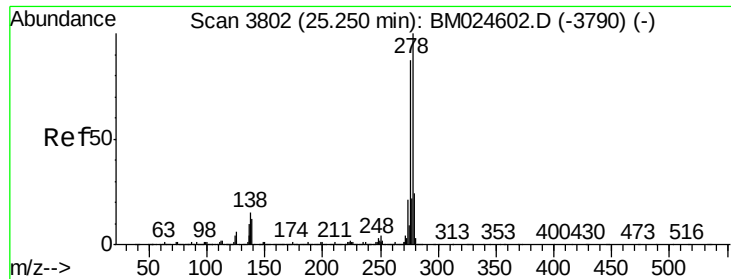
mohammad
1/24/2020 1:55:15 PM



#90
Benzo(a)pyrene
Concen: 7.278 ng
RT: 23.07 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM024612.D
Acq: 23 Jan 2020 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	7.6	5.8	8.8





#91

Dibenzo(a,h)anthracene

Concen: 6.973 ng

RT: 25.24 min Scan# 3801

Delta R.T. -0.01 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Instrument :

BNA_M

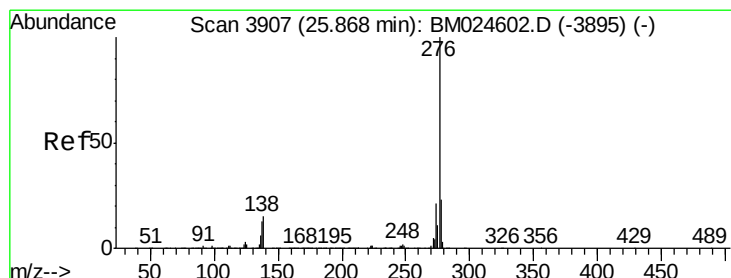
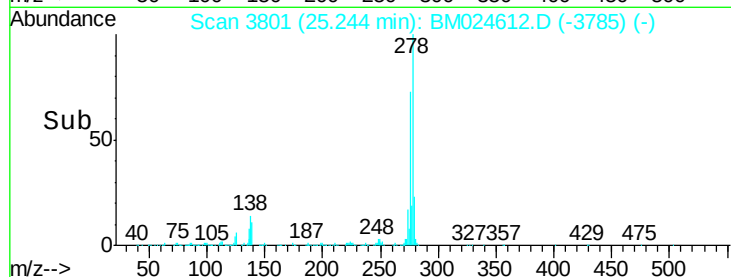
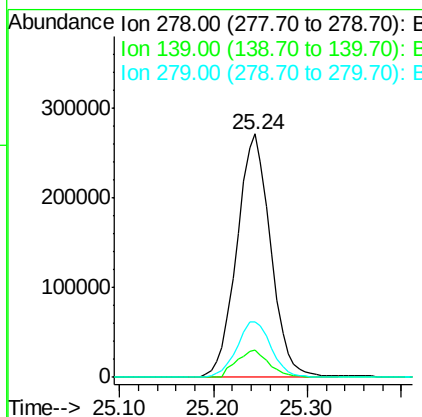
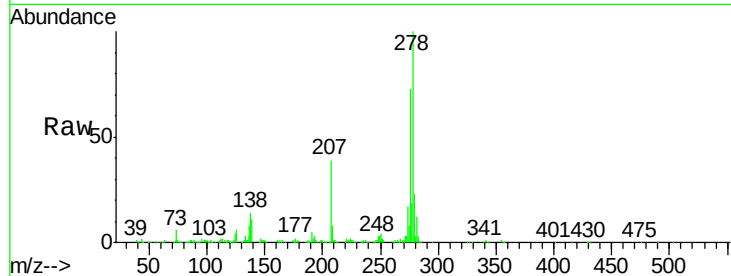
ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:	278	Resp:	675563
Ion Ratio	Lower	Upper	
278	100		
139	11.3	9.3	13.9
279	23.0	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/24/2020 1:55:15 PM



#92

Benzo(g,h,i)perylene

Concen: 6.944 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024612.D

Acq: 23 Jan 2020 17:45

Tgt Ion:	276	Resp:	610860
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.6	28.0
138	14.4	11.9	17.9

