

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012420\
 Data File : BM024622.D
 Acq On : 24 Jan 2020 16:07
 Operator : CG/JU
 Sample : K5111-08
 Misc : 10 PPM L00
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Manual Integrations
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mohammad
 1/28/2020 8:13:16 AM

Quant Time: Jan 24 17:16:44 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	7.44	152	218053	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	907693	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	644881	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1496590	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1577380	20.00	ng	0.00
87) Perylene-d12	23.16	264	1745929	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1503674	131.14	ng	0.00
7) Phenol-d6	6.64	99	1990407	126.01	ng	0.00
23) Nitrobenzene-d5	8.58	82	1363274	73.66	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1300538	123.98	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3465100	73.05	ng	0.00
79) Terphenyl-d14	19.50	244	6963137	82.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	53064	11.699	ng	99
3) Pyridine	3.46	79	161951	12.317	ng	98
4) n-Nitrosodimethylamine	3.37	42	63852	10.941	ng	# 96
6) Aniline	6.78	93	212361	11.044	ng	96
8) 2-Chlorophenol	7.02	128	141918	10.873	ng	99
9) Benzaldehyde	6.60	77	92564m	9.918	ng	
10) Phenol	6.66	94	171051	10.864	ng	96
11) bis(2-Chloroethyl)ether	6.88	93	140889	11.178	ng	98
12) 1,3-Dichlorobenzene	7.33	146	178815	11.152	ng	98
13) 1,4-Dichlorobenzene	7.47	146	183945	11.308	ng	97
14) 1,2-Dichlorobenzene	7.79	146	173480	11.048	ng	99
15) Benzyl Alcohol	7.68	79	140507	10.789	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	132663	11.497	ng	96
17) 2-Methylphenol	7.89	107	118926	10.719	ng	98
18) Hexachloroethane	8.50	117	71009	11.304	ng	96
19) n-Nitroso-di-n-propylamine	8.25	70	130325	10.989	ng	97
20) 3+4-Methylphenols	8.22	107	161988	10.547	ng	97
22) Acetophenone	8.25	105	255512	10.917	ng	98
24) Nitrobenzene	8.62	77	199628	11.255	ng	99
25) Isophorone	9.15	82	336616	10.704	ng	97
26) 2-Nitrophenol	9.33	139	77986	9.495	ng	98
27) 2,4-Dimethylphenol	9.40	122	114003	10.215	ng	98
28) bis(2-Chloroethoxy)methane	9.64	93	208824	10.870	ng	97
29) 2,4-Dichlorophenol	9.86	162	151233	10.030	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	192501	10.586	ng	99
31) Naphthalene	10.25	128	490121	10.691	ng	100
32) Benzoic acid	9.51	122	92531m	9.063	ng	
33) 4-Chloroaniline	10.36	127	209427	10.422	ng	100
34) Hexachlorobutadiene	10.56	225	134771	10.721	ng	99
35) Caprolactam	11.12	113	47601	9.840	ng	96
36) 4-Chloro-3-methylphenol	11.50	107	162225	10.118	ng	96
37) 2-Methylnaphthalene	11.87	142	371716	10.507	ng	99
38) 1-Methylnaphthalene	12.10	142	357980	10.637	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	239221	10.394	ng	100

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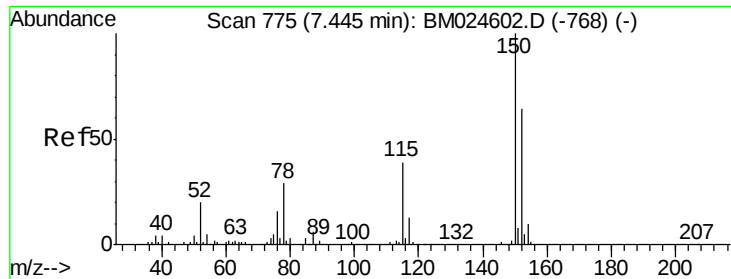
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	127289	9.867	nq	99
43) 2,4,6-Trichlorophenol	12.50	196	143177	9.776	nq	98
44) 2,4,5-Trichlorophenol	12.57	196	149692	10.008	nq	98
46) 1,1'-Biphenyl	12.92	154	517186	10.597	nq	99
47) 2-Chloronaphthalene	12.95	162	418549	10.623	nq	99
48) 2-Nitroaniline	13.16	65	122045	10.157	nq	99
49) Acenaphthylene	13.80	152	624236	10.584	nq	100
50) Dimethylphthalate	13.56	163	554925	10.642	nq	99
51) 2,6-Dinitrotoluene	13.67	165	115134	10.385	nq	98
52) Acenaphthene	14.16	154	379924	10.381	nq	97
53) 3-Nitroaniline	14.00	138	116219	10.107	nq	95
54) 2,4-Dinitrophenol	14.20	184	52076	7.855	nq	98
55) Dibenzofuran	14.49	168	637387	10.679	nq	100
56) 4-Nitrophenol	14.32	139	85738	9.539	nq	98
57) 2,4-Dinitrotoluene	14.46	165	157974	9.942	nq	99
58) Fluorene	15.14	166	513183	10.231	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	152582	10.059	nq	99
60) Diethylphthalate	14.94	149	555531	10.493	nq	100
61) 4-Chlorophenyl-phenylether	15.15	204	299866	10.369	nq	97
62) 4-Nitroaniline	15.16	138	124925	9.842	nq	100
63) Azobenzene	15.44	77	479776	10.624	nq	96
65) 4,6-Dinitro-2-methylphenol	15.23	198	75921	8.628	nq	97
66) n-Nitrosodiphenylamine	15.37	169	445850	10.371	nq	99
67) 4-Bromophenyl-phenylether	16.04	248	192747	10.356	nq	96
68) Hexachlorobenzene	16.16	284	227081	10.632	nq	96
69) Atrazine	16.33	200	165281	10.016	nq	98
70) Pentachlorophenol	16.50	266	124463	9.567	nq	100
71) Phenanthrene	16.88	178	858191	10.589	nq	99
72) Anthracene	16.97	178	829816	10.464	nq	100
73) Carbazole	17.24	167	756483	10.479	nq	100
74) Di-n-butylphthalate	17.84	149	915534	9.921	nq	99
75) Fluoranthene	18.91	202	1049989	10.381	nq	98
77) Benzidine	19.10	184	373100	10.157	nq	100
78) Pyrene	19.27	202	1105186	10.628	nq	99
80) Butylbenzylphthalate	20.21	149	412988	9.465	nq	96
81) Benzo(a)anthracene	21.03	228	1171984	10.705	nq	98
82) 3,3'-Dichlorobenzidine	20.97	252	386689	9.819	nq	99
83) Chrysene	21.09	228	1116394	10.687	nq	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	619705	9.625	nq	100
85) Di-n-octyl phthalate	21.86	149	1000322	9.404	nq	100
86) Indeno(1,2,3-cd)pyrene	25.23	276	1169440	10.271	nq	99
88) Benzo(b)fluoranthene	22.54	252	1180308	10.423	nq	99
89) Benzo(k)fluoranthene	22.58	252	1121560	10.147	nq	99
90) Benzo(a)pyrene	23.07	252	1036590	10.069	nq	99
91) Dibenzo(a,h)anthracene	25.24	278	985035	10.081	nq	98
92) Benzo(g,h,i)perylene	25.84	276	883130	9.953	nq	99

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



#1

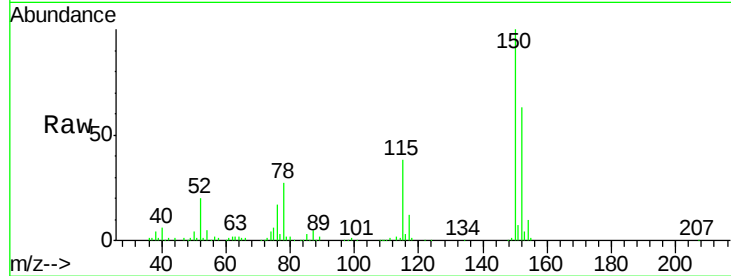
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.2	186.4
115	60.0	48.6	72.8

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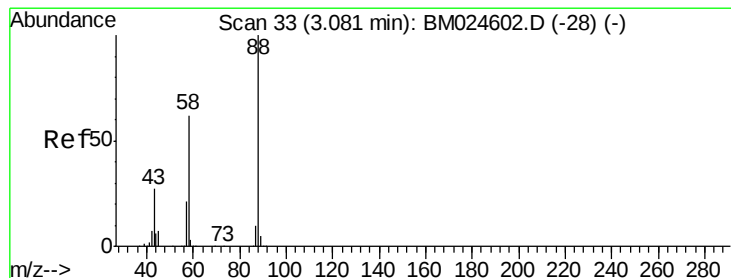
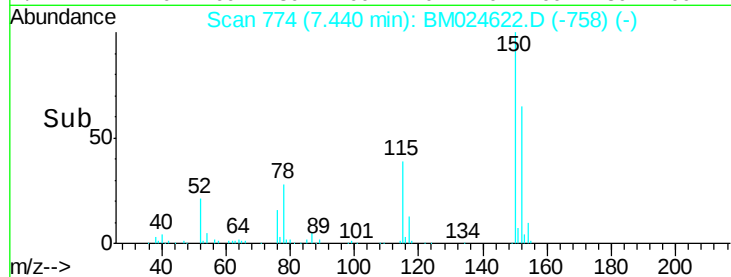
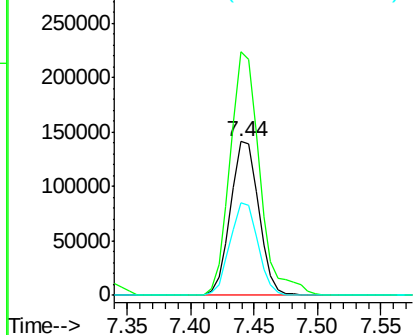


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

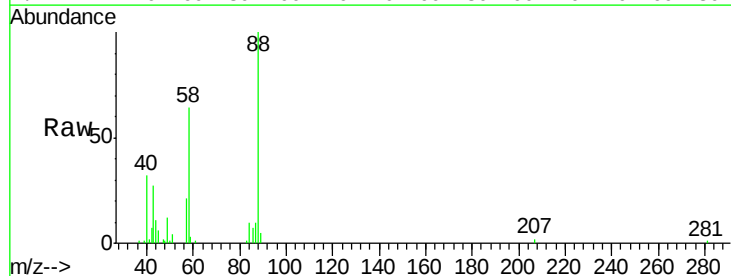
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 11.699 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	50.0	75.0
43	28.3	21.6	32.4

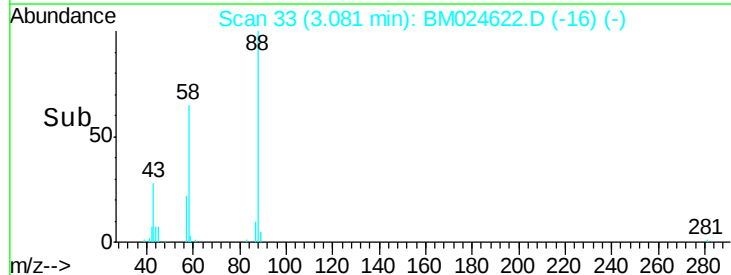
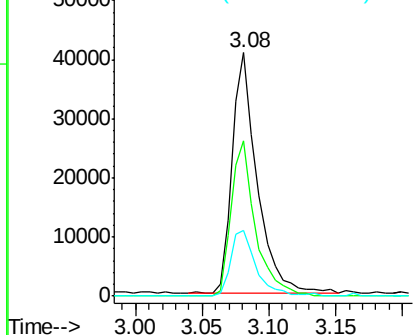


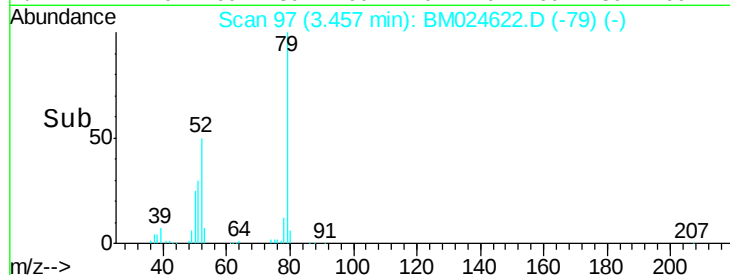
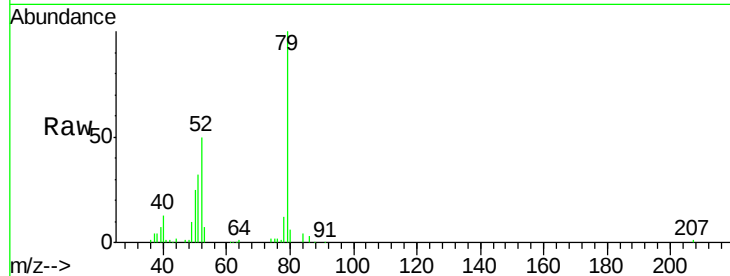
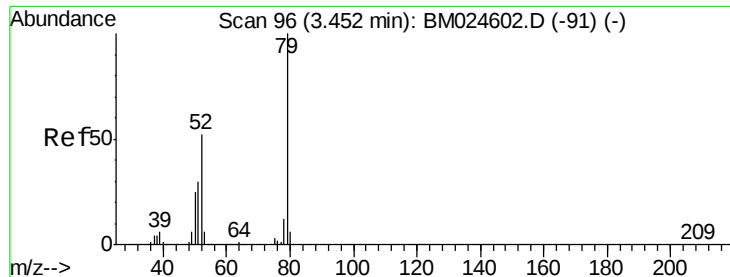
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





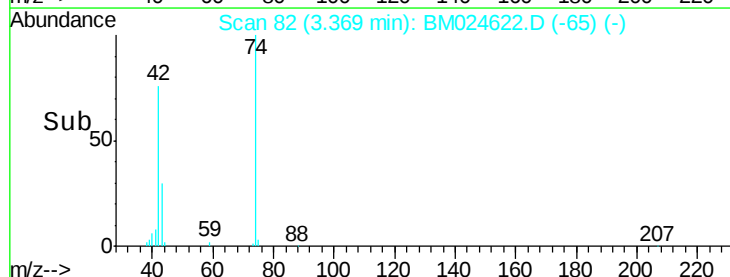
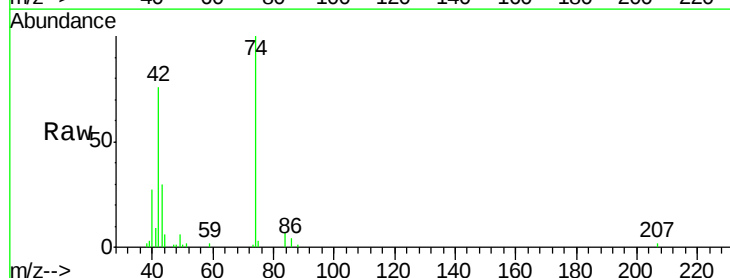
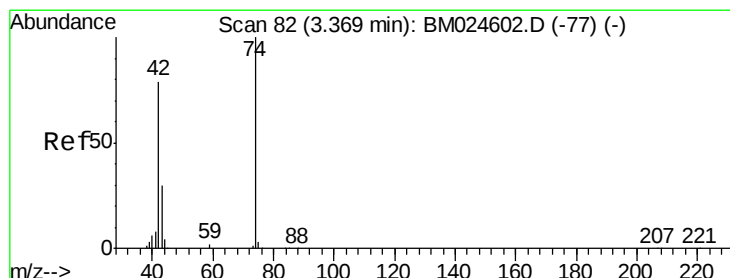
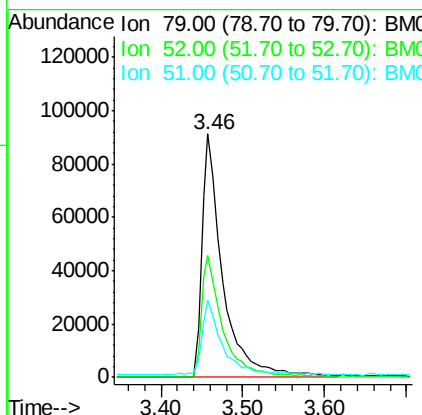
#3
 Pvridine
 Concen: 12.317 ng
 RT: 3.46 min Scan# 97
 Delta R.T. 0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tot Ion:	79	Resp:	161951
Ion Ratio	Lower	Upper	
79	100		
52	50.3	41.4	62.2
51	31.5	23.8	35.8

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

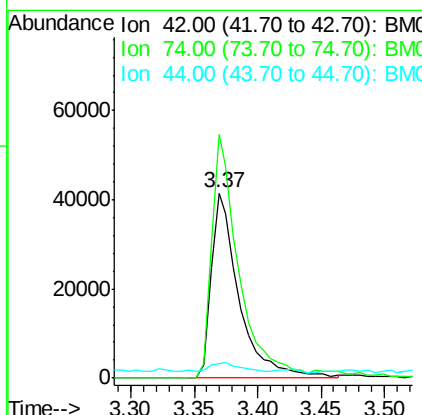
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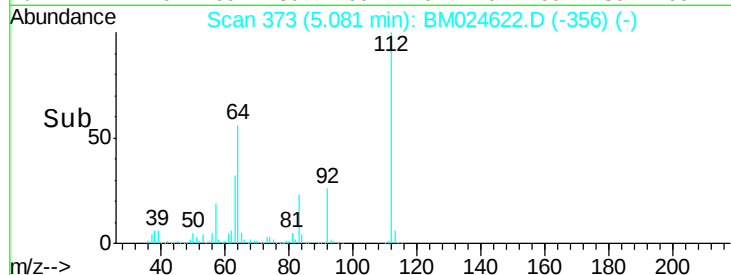
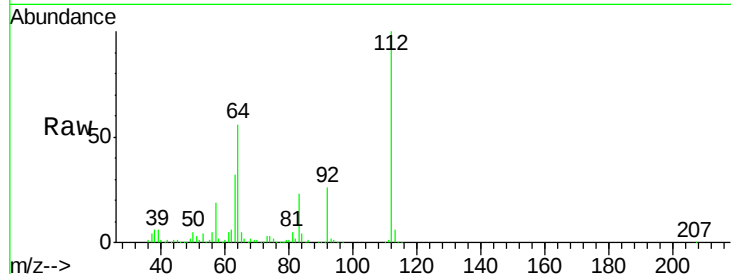
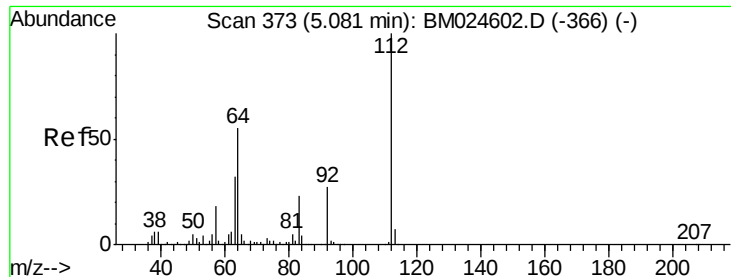
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#4
 n-Nitrosodimethylamine
 Concen: 10.941 ng
 RT: 3.37 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion:	42	Resp:	63852
Ion Ratio	Lower	Upper	
42	100		
74	131.5	101.4	152.2
44	7.7	4.6	6.8#





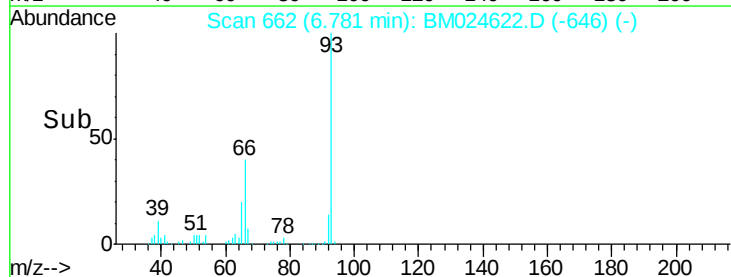
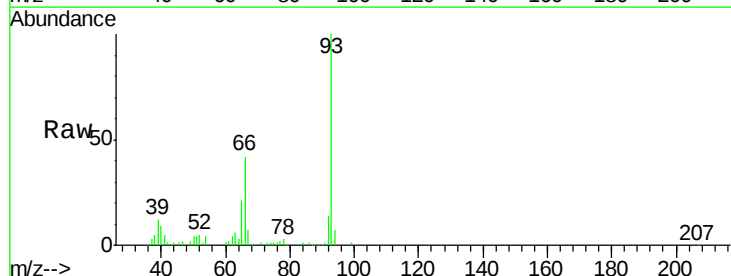
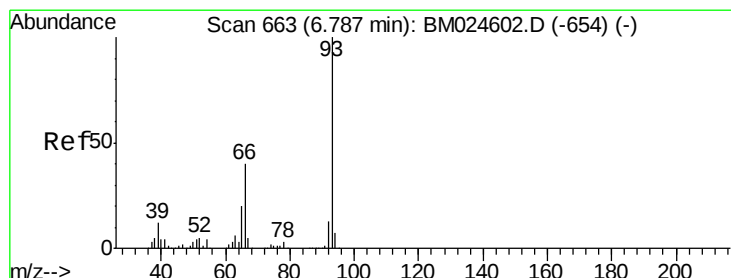
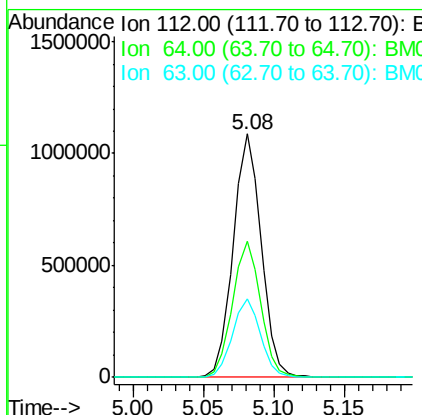
#5
2-Fluorophenol
Concen: 131.144 ng
RT: 5.08 min Scan# 373
Delta R.T. -0.00 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.2	66.4
63	32.1	25.9	38.9

Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2019

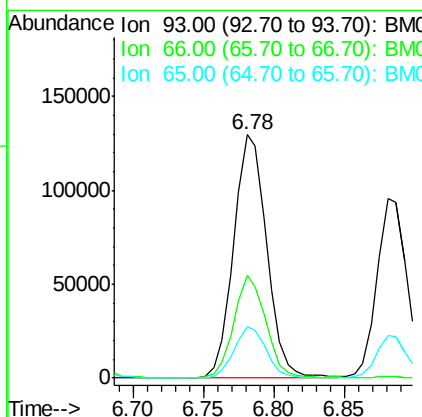
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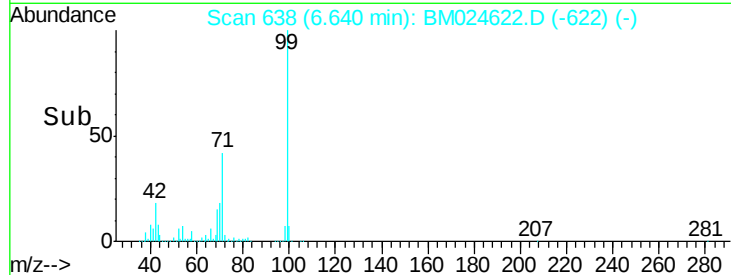
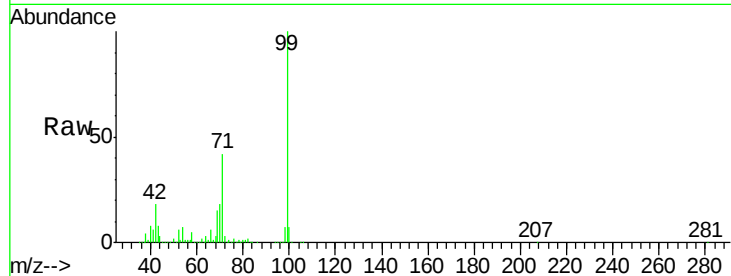
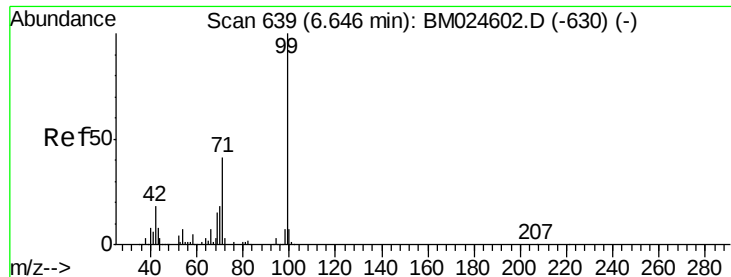
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#6
Aniline
Concen: 11.044 ng
RT: 6.78 min Scan# 662
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.4	31.8	47.8
65	21.4	15.8	23.6





#7

Phenol-d6

Concen: 126.015 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tot Ion:	99	Resp:	1990407
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	42.0	33.0	49.6

Instrument :

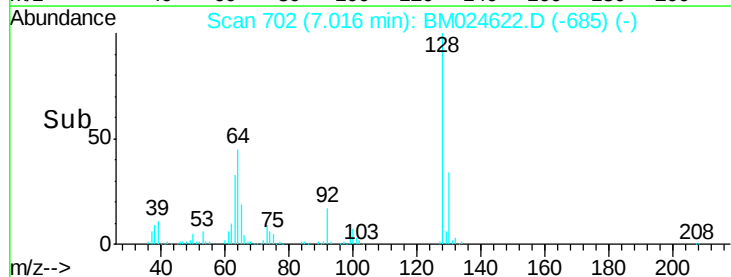
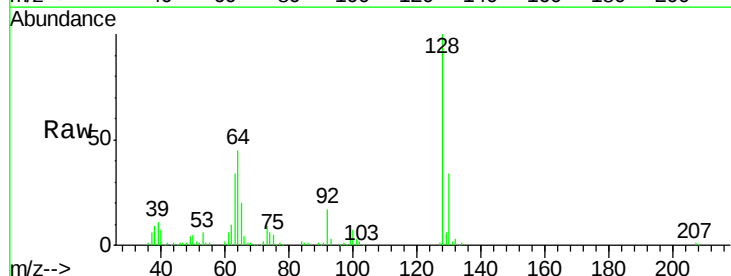
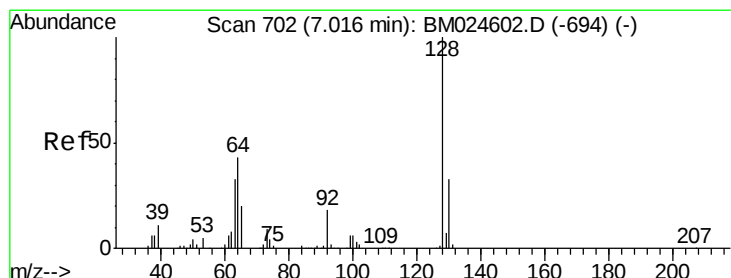
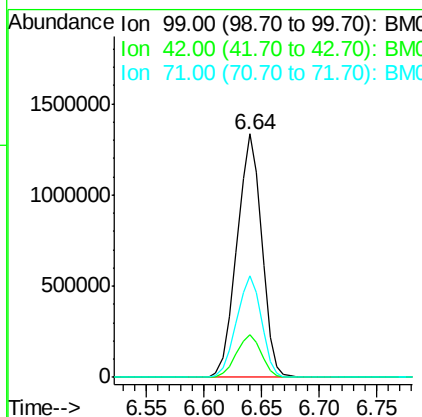
BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2019

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#8

2-Chlorophenol

Concen: 10.873 ng

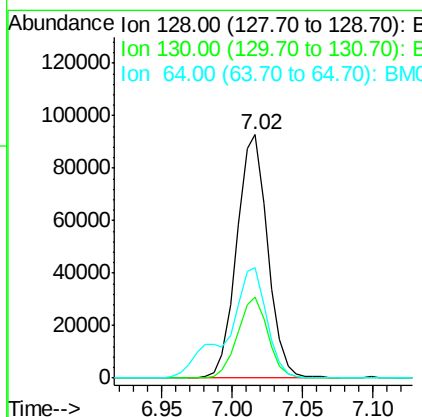
RT: 7.02 min Scan# 702

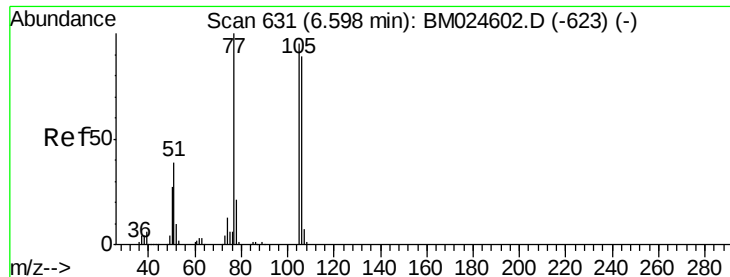
Delta R.T. -0.00 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion:	128	Resp:	141918
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.5	52.5
64	45.3	26.1	66.1





#9

Benzaldehyde

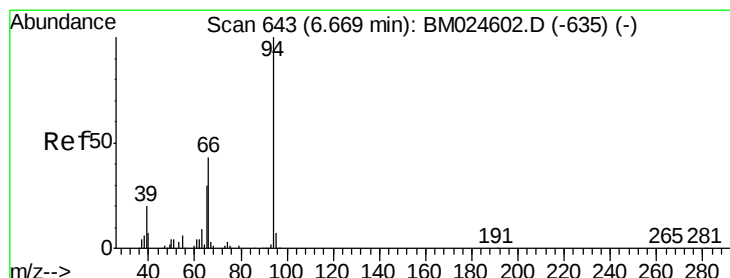
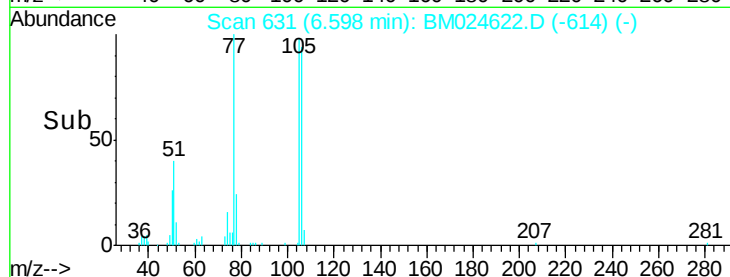
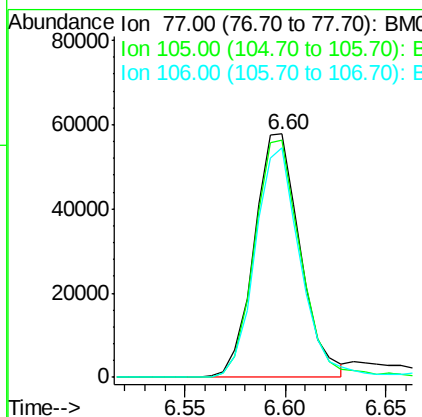
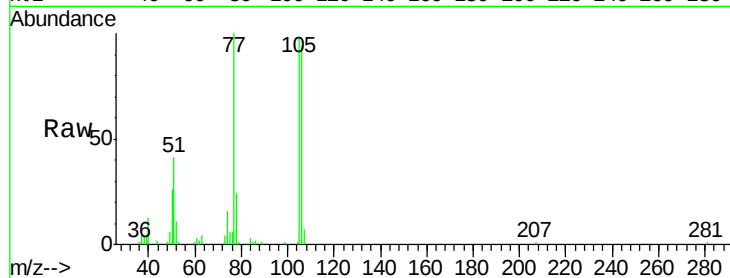
Concen: 9.918 ng/mL
 RT: 6.60 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.6	75.2	115.2
106	94.0	68.6	108.6

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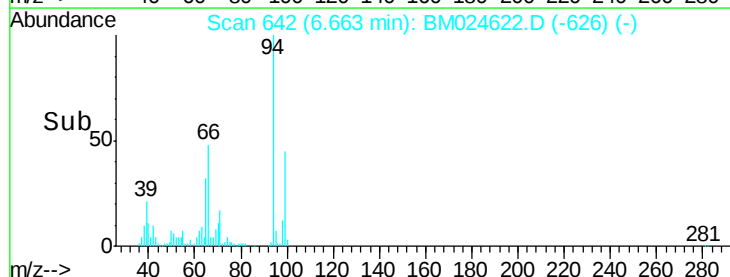
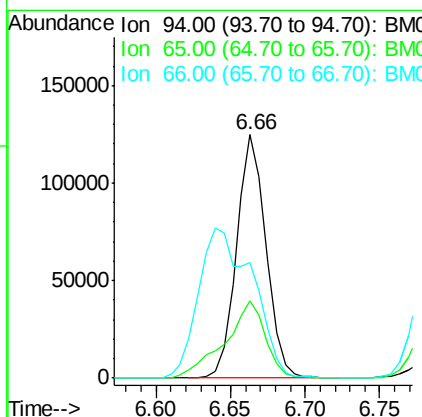
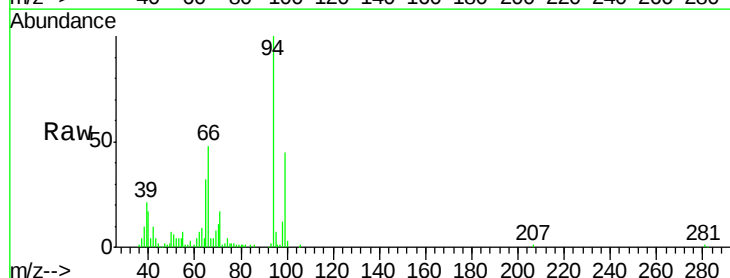


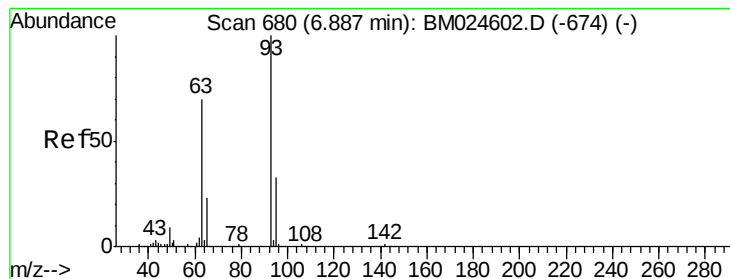
#10

Phenol

Concen: 10.864 ng/mL
 RT: 6.66 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.6	10.3	50.3
66	47.6	24.8	64.8





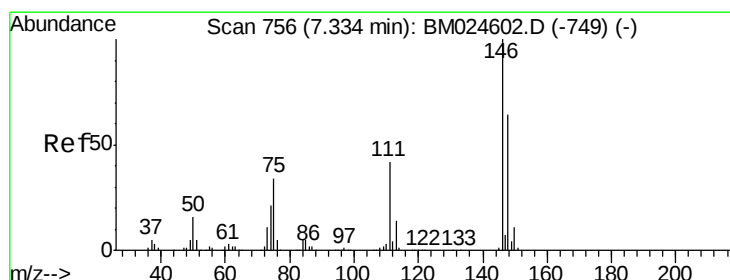
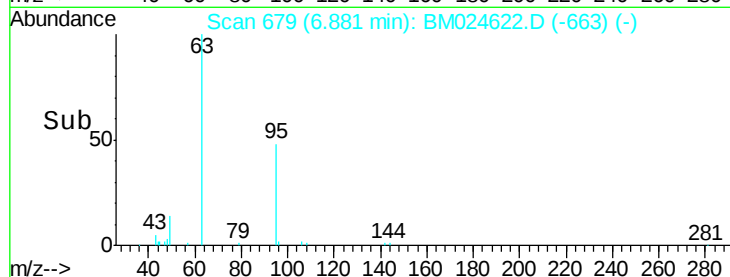
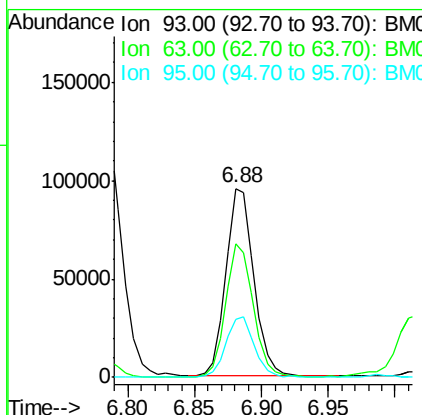
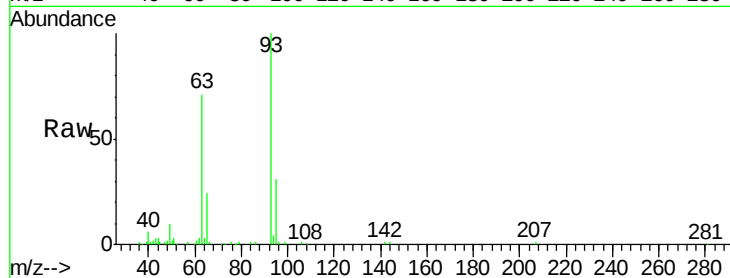
#11
bis(2-Chloroethyl)ether
Concen: 11.178 ng
RT: 6.88 min Scan# 679
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	49.6	89.6
95	30.8	12.6	52.6

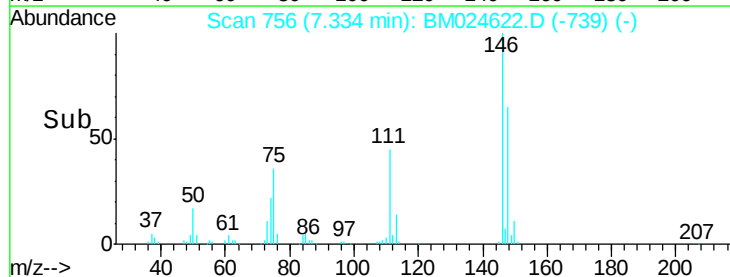
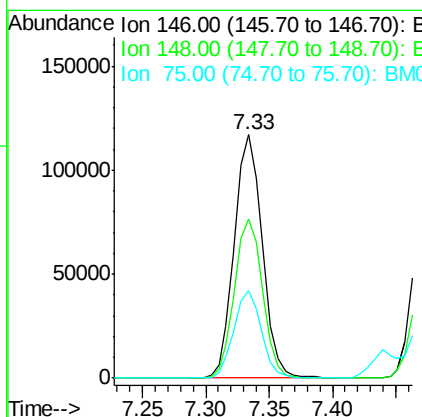
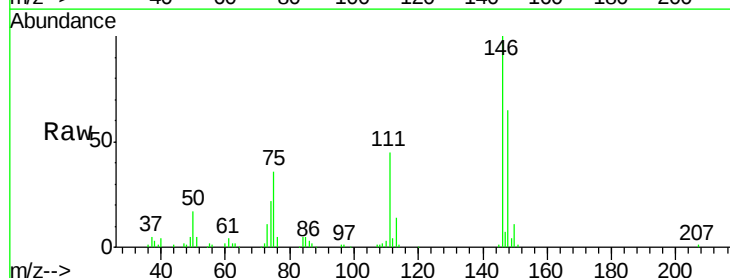
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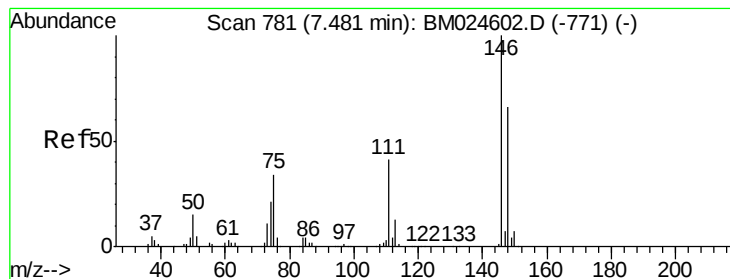
mohammad
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#12
1,3-Dichlorobenzene
Concen: 11.152 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
75	35.7	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 11.308 ng

RT: 7.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

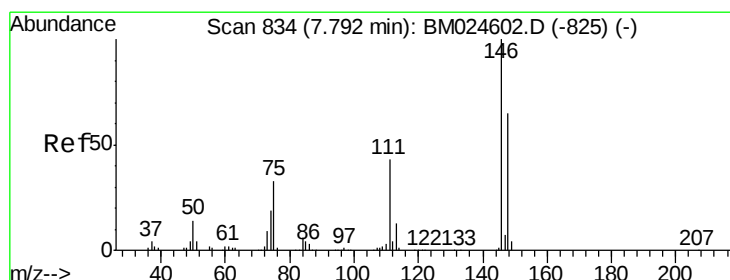
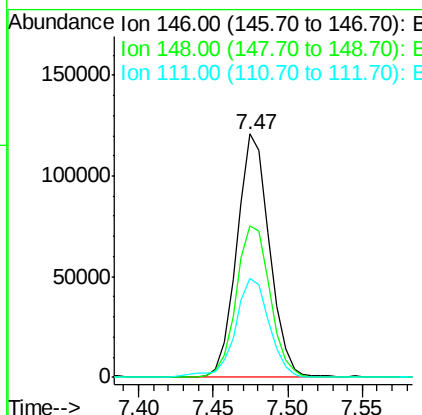
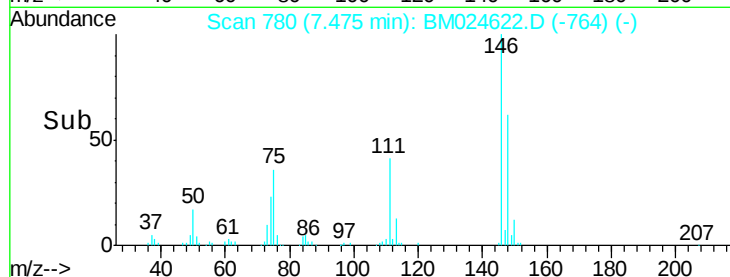
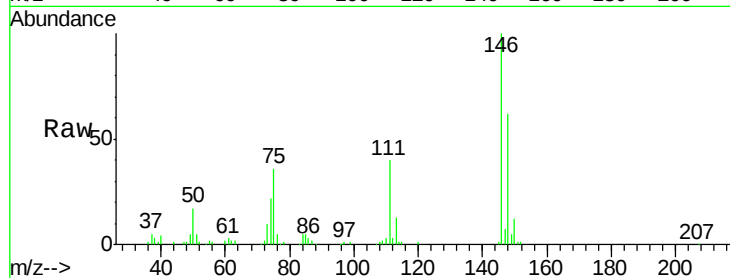
ClientSampleId :

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Tot Ion:	146	Resp:	183945
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.5	78.7
111	40.4	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 11.048 ng

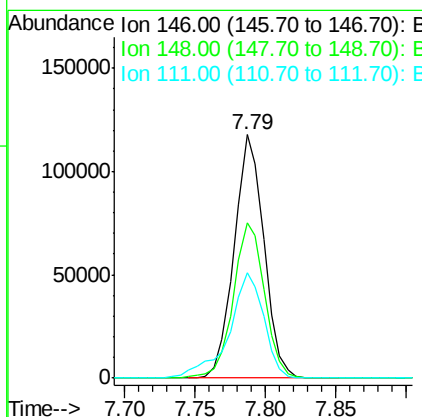
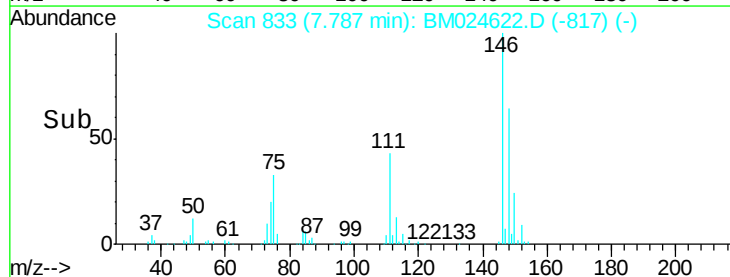
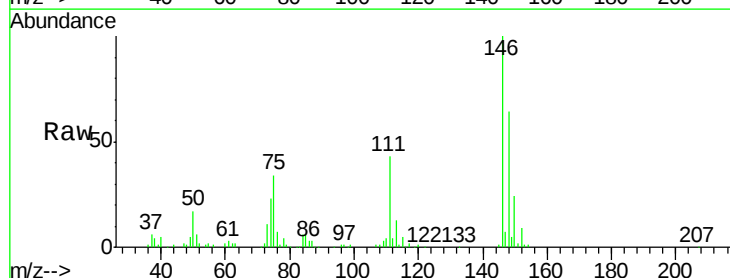
RT: 7.79 min Scan# 833

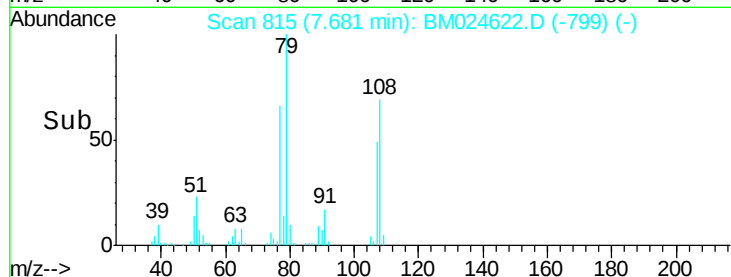
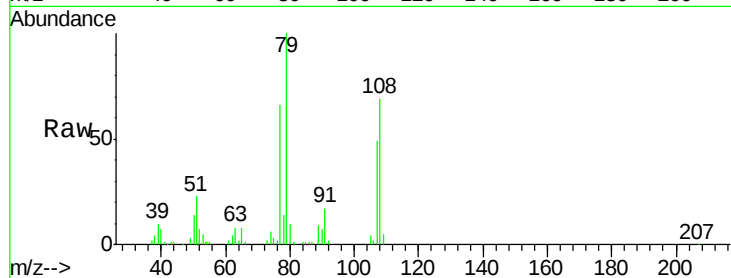
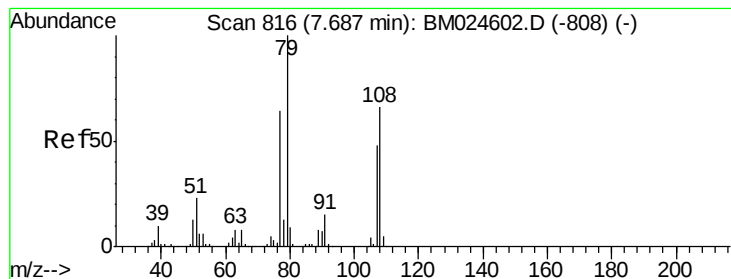
Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion:	146	Resp:	173480
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	43.1	34.5	51.7





#15

Benzyl Alcohol

Concen: 10.789 ng

RT: 7.68 min Scan# 815

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tot Ion:	79	Resp:	140507
Ion Ratio	Lower	Upper	
79	100		
108	69.0	53.0	79.4
77	65.9	50.8	76.2

Instrument :

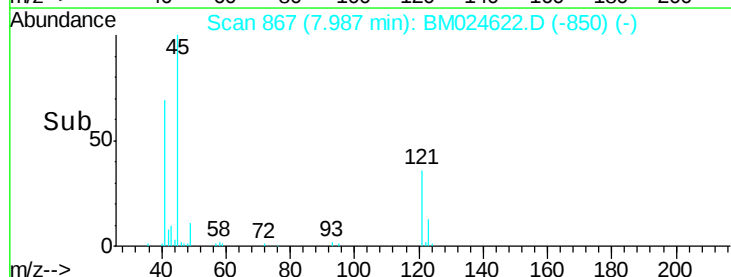
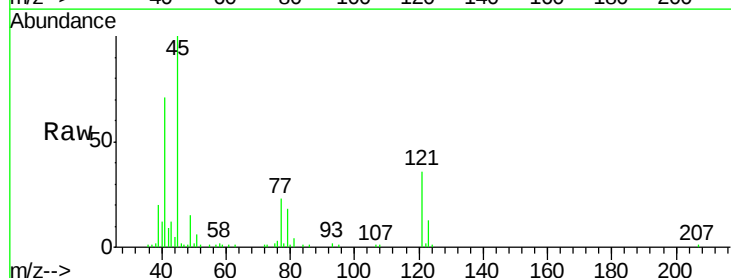
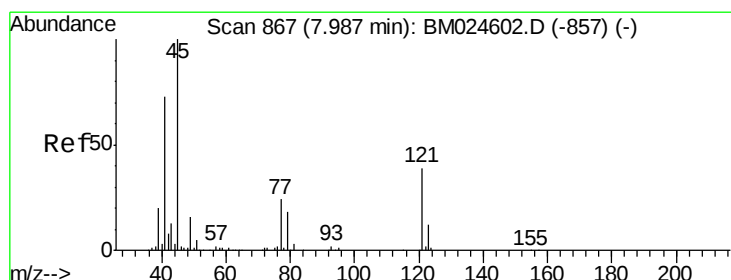
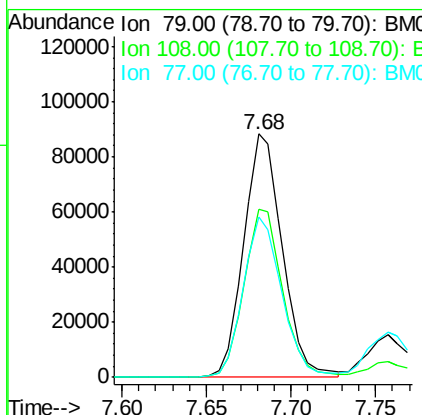
BNA_M

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.497 ng

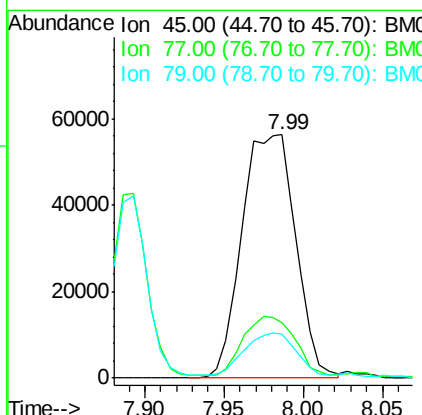
RT: 7.99 min Scan# 867

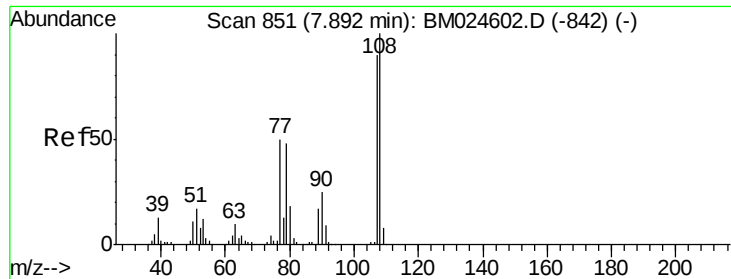
Delta R.T. -0.00 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion:	45	Resp:	132663
Ion Ratio	Lower	Upper	
45	100		
77	22.9	5.2	45.2
79	18.0	0.0	39.4





#17

2-Methylphenol

Concen: 10.719 ng

RT: 7.89 min Scan# 851

Delta R.T. -0.00 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

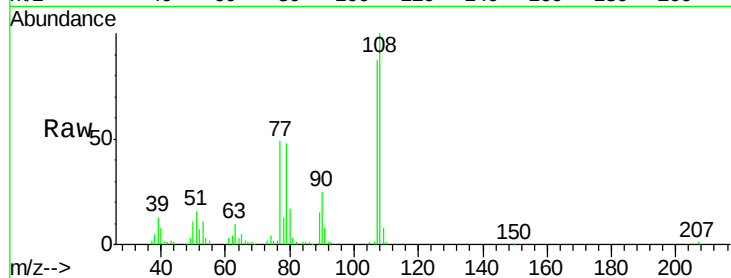
ClientSampleId :

LOQ-WATER-02-QT4-2019

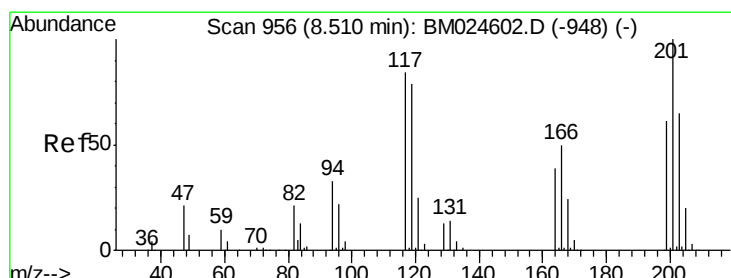
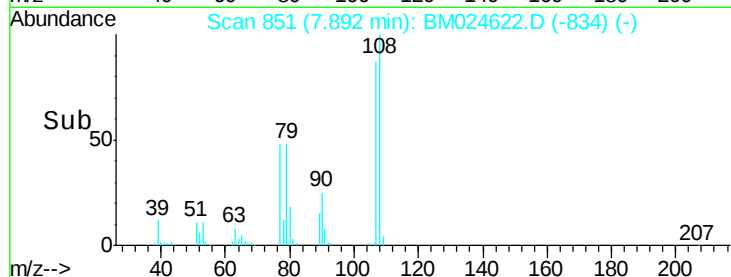
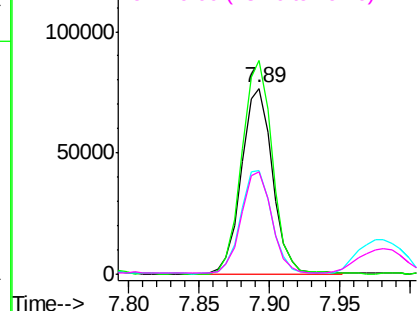
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	88.9	133.3	
77	55.9	44.5	66.7	
79	55.1	42.9	64.3	

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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: 11.304 ng

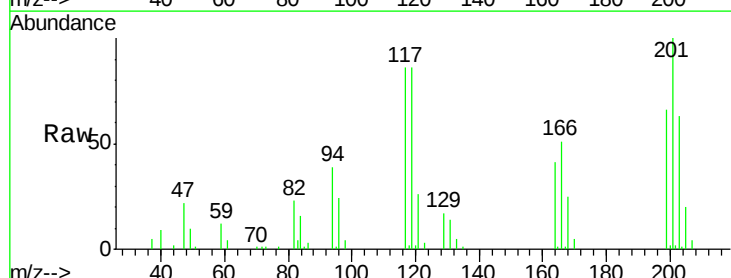
RT: 8.50 min Scan# 955

Delta R.T. -0.01 min

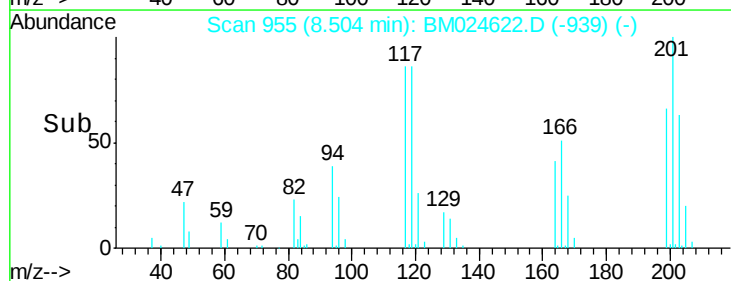
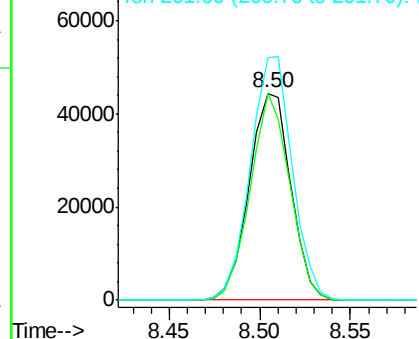
Lab File: BM024622.D

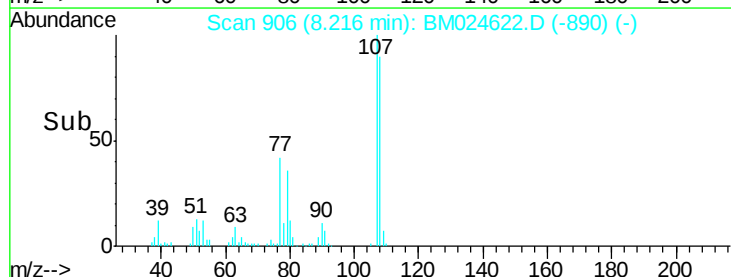
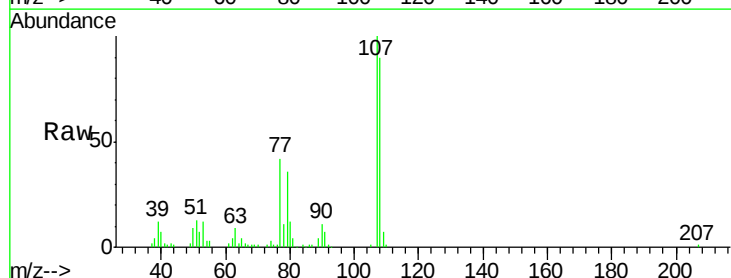
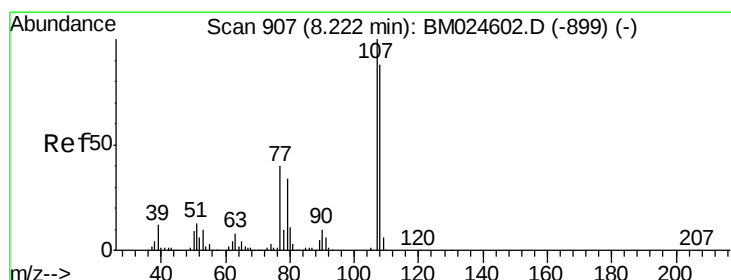
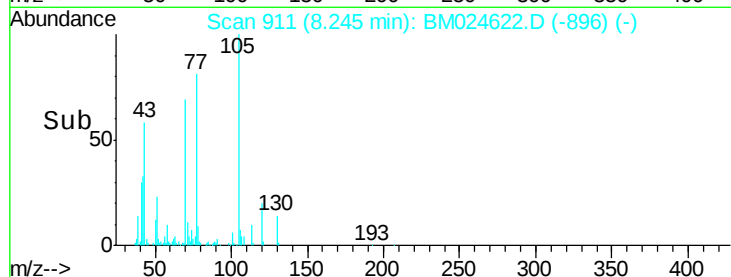
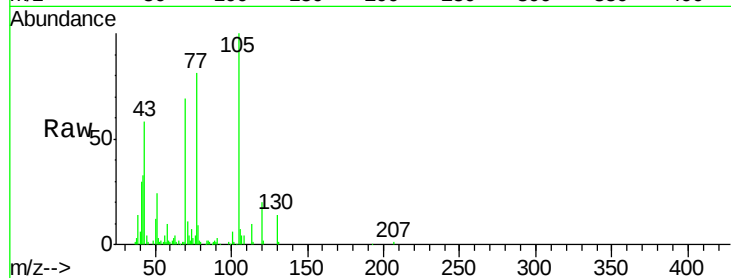
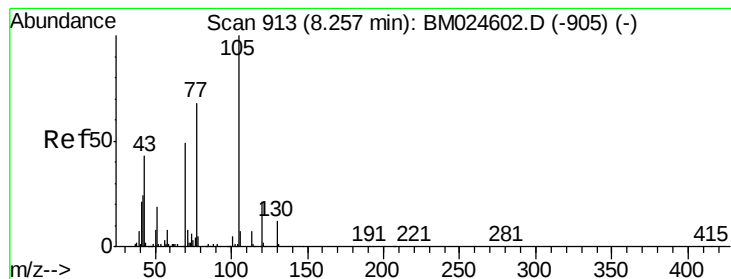
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	75.4	113.2	
201	116.7	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: 10.989 ng

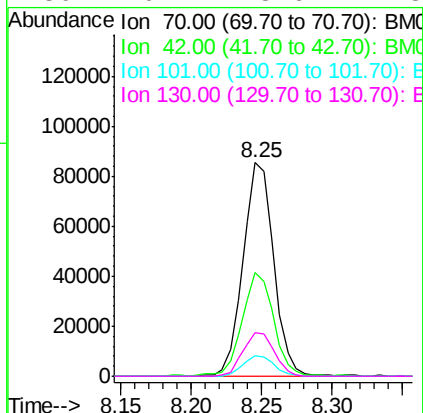
RT: 8.25 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tot Ion	70	Resp	130325
Ion	Ratio	Lower	Upper
70	100		
42	48.5	40.0	60.0
101	9.4	8.2	12.2
130	20.2	18.6	27.8



Instrument :

BNA_M

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 10.547 ng

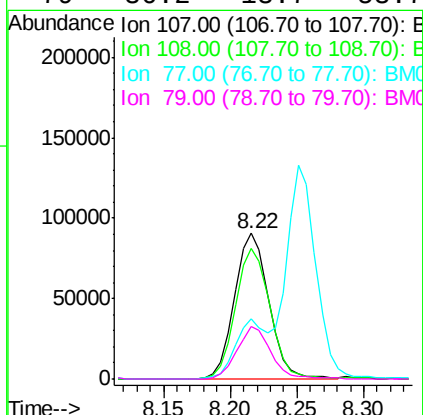
RT: 8.22 min Scan# 906

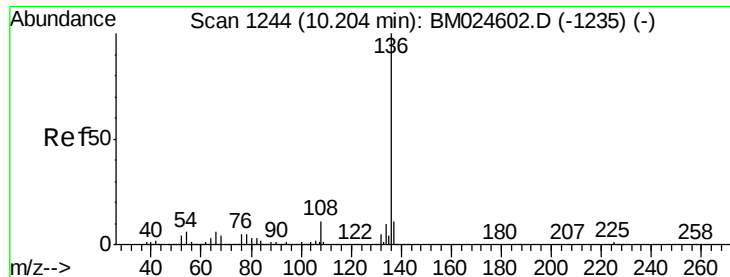
Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion	107	Resp	161988
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.0	108.0
77	41.6	19.9	59.9
79	36.2	13.7	53.7





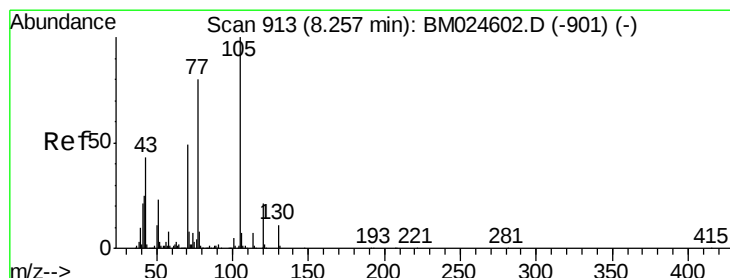
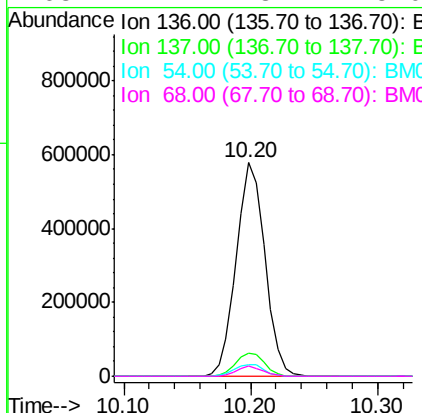
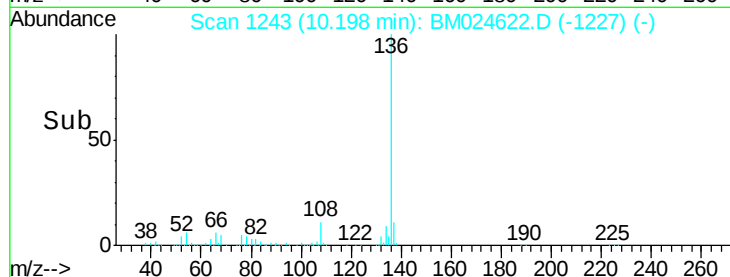
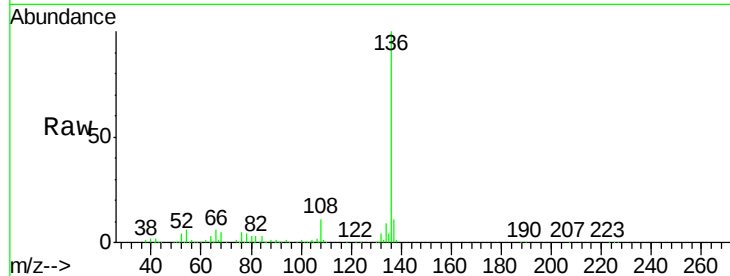
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	907693		
137	10.8		8.6	13.0
54	5.7		4.5	6.7
68	4.7		3.4	5.0

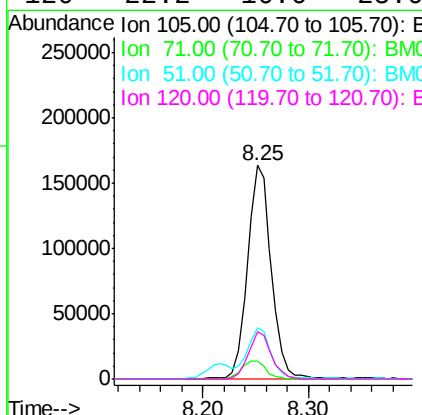
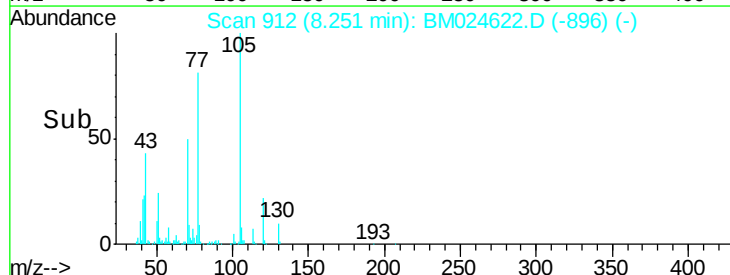
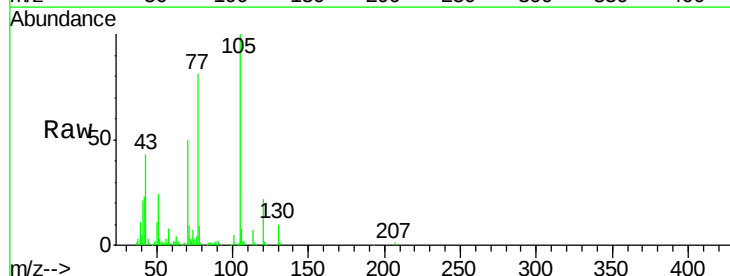
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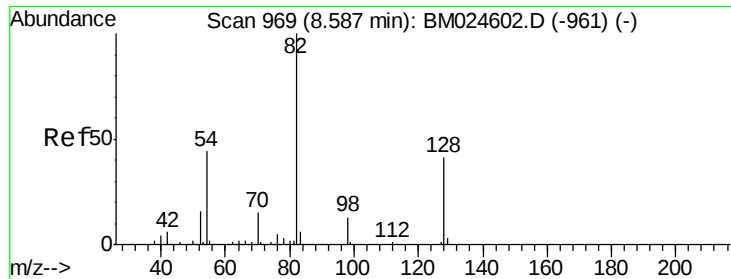
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#22
Acetophenone
Concen: 10.917 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	255512		
71	8.5		6.7	10.1
51	24.1		18.5	27.7
120	22.2		16.6	25.0





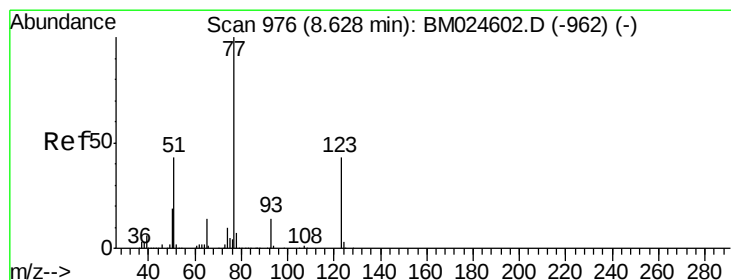
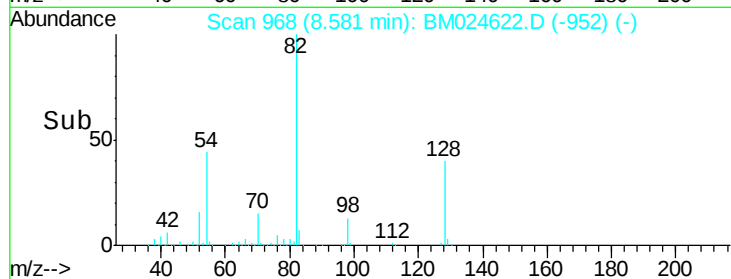
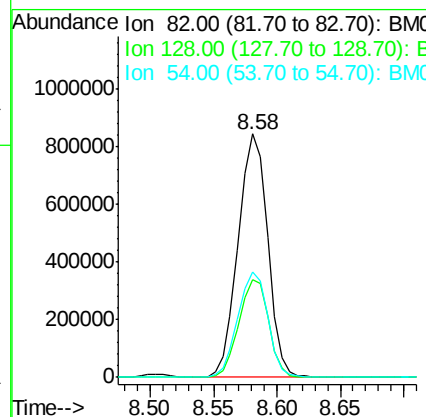
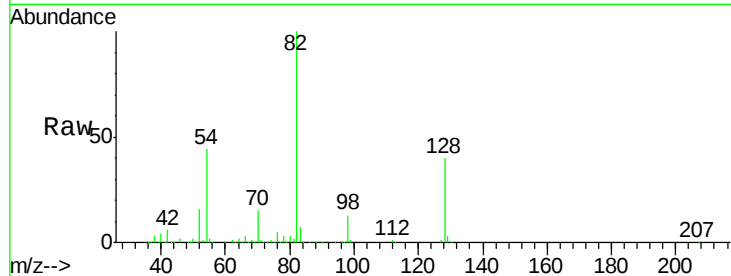
#23
 Nitrobenzene-d5
 Concen: 73.656 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.6	48.8
54	43.5	34.8	52.2

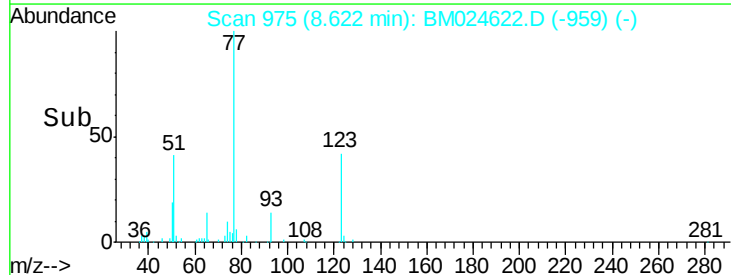
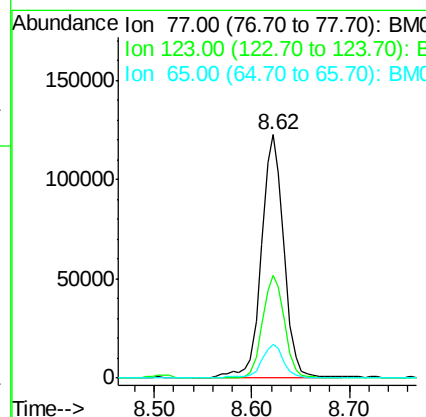
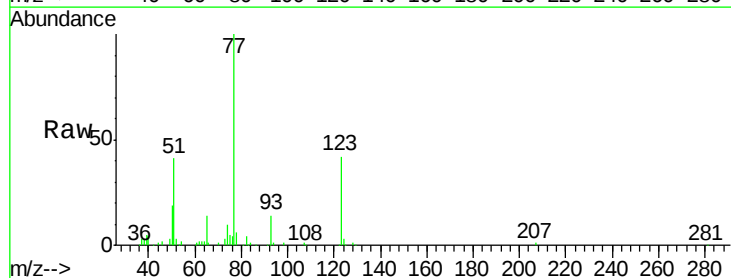
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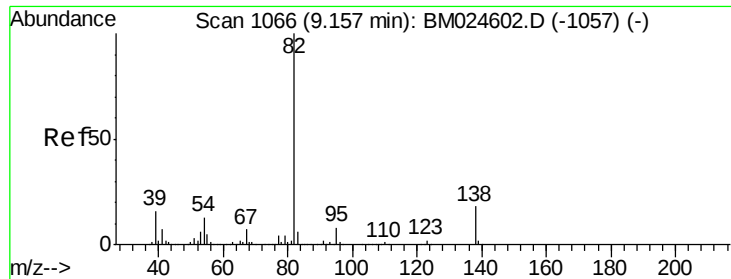
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#24
 Nitrobenzene
 Concen: 11.255 ng
 RT: 8.62 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	34.6	52.0
65	13.8	11.0	16.4





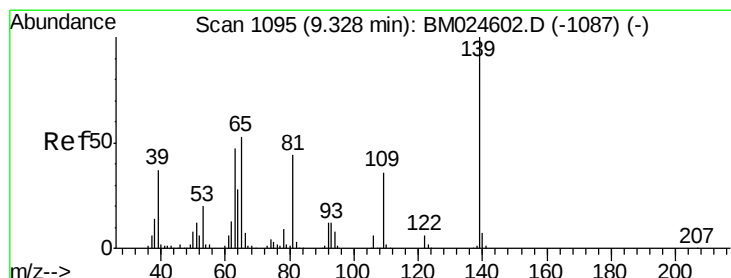
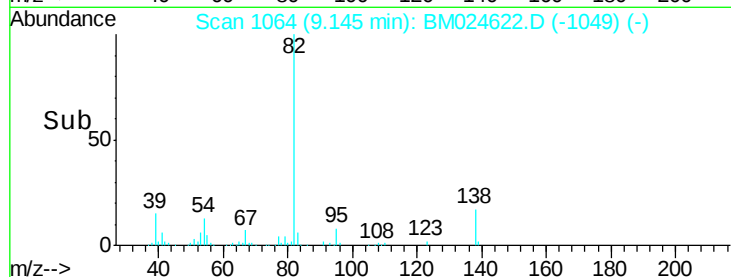
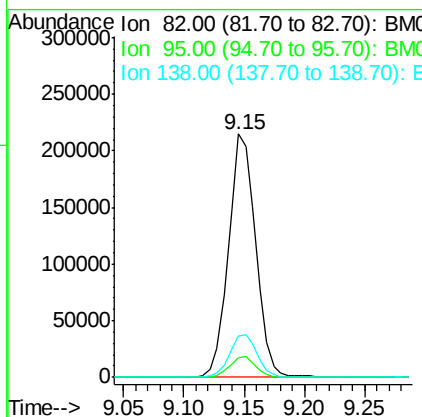
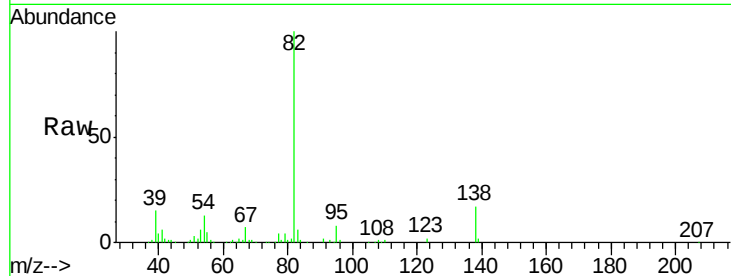
#25
Isophorone
Concen: 10.704 ng
RT: 9.15 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	6.7	10.1	
138	16.9	14.7	22.1	

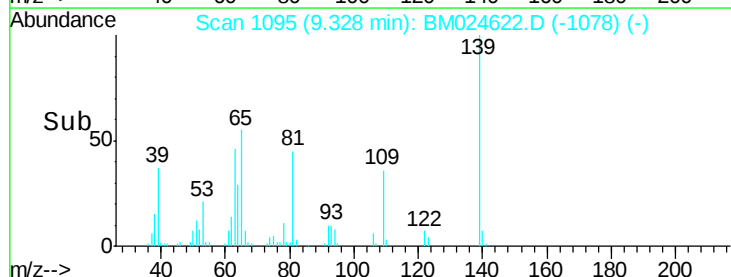
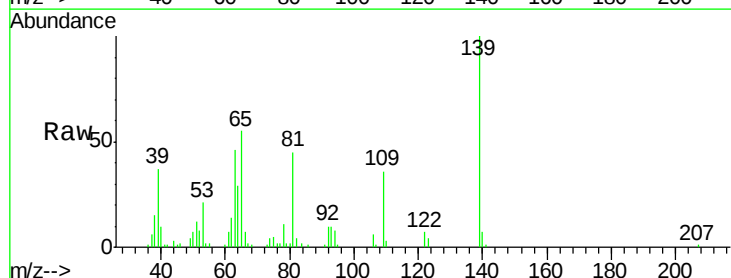
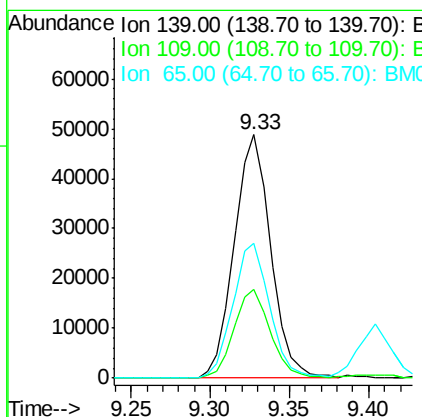
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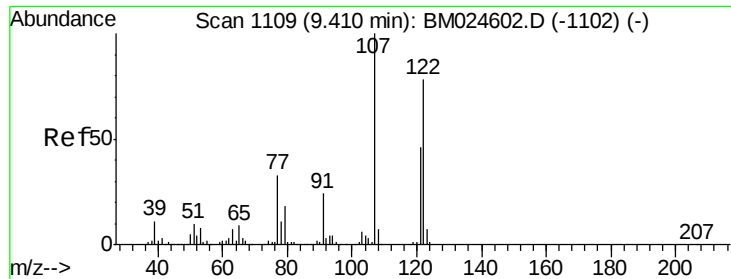
mohammad
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#26
2-Nitrophenol
Concen: 9.495 ng
RT: 9.33 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.5	28.8	43.2	
65	55.4	42.6	63.8	





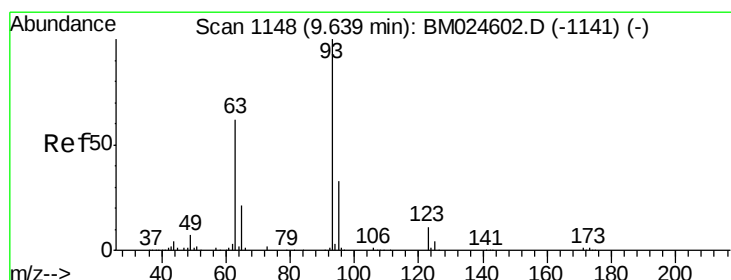
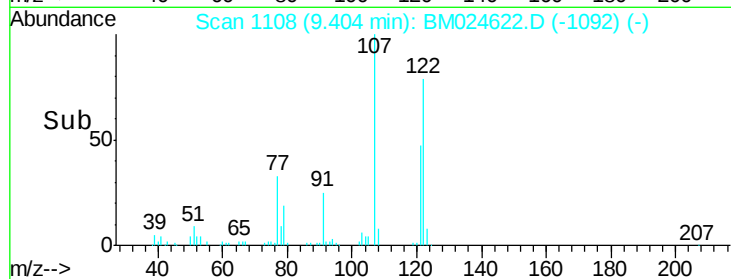
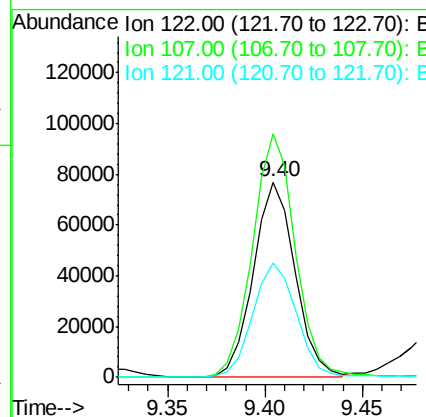
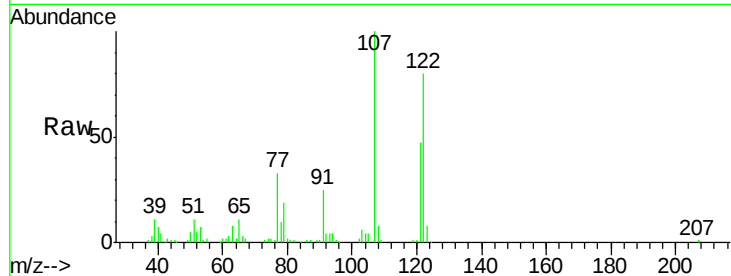
#27
 2,4-Dimethylphenol
 Concen: 10.215 ng
 RT: 9.40 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	124.6	102.5	153.7		
121	58.4	47.0	70.4		

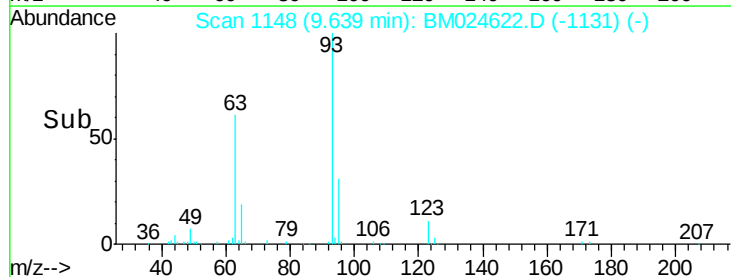
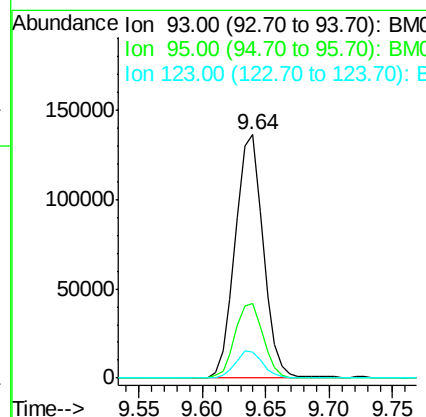
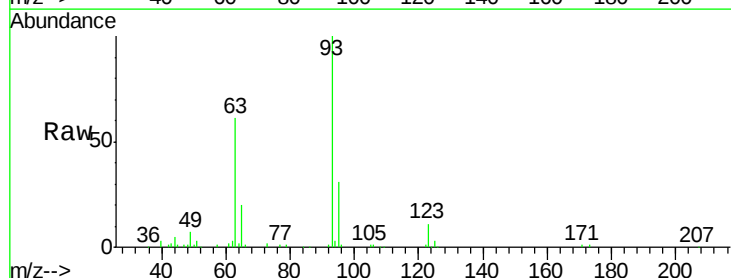
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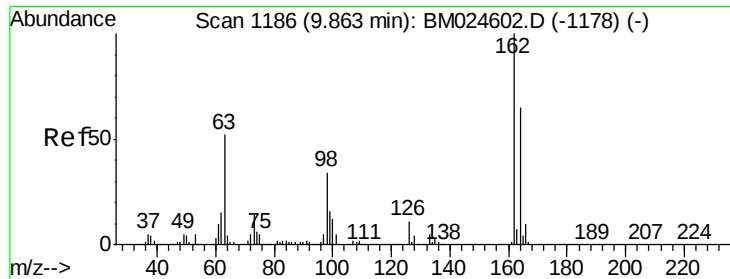
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 10.870 ng
 RT: 9.64 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	30.8	26.1	39.1		
123	10.7	8.7	13.1		





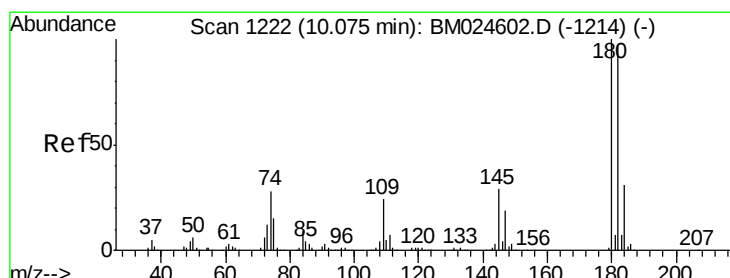
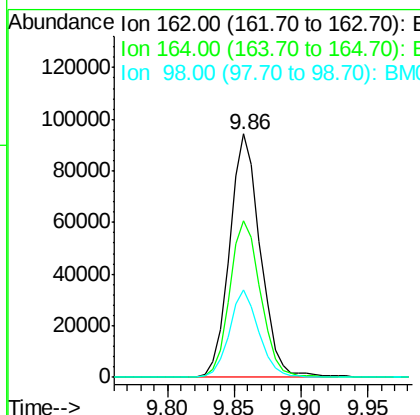
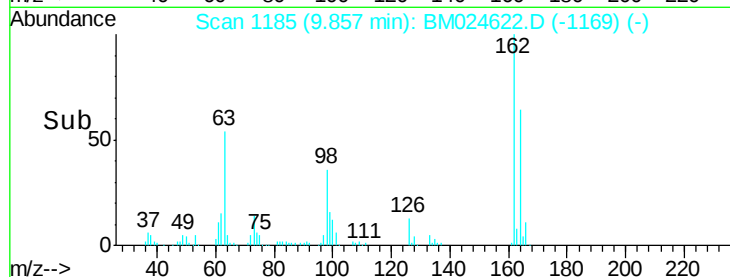
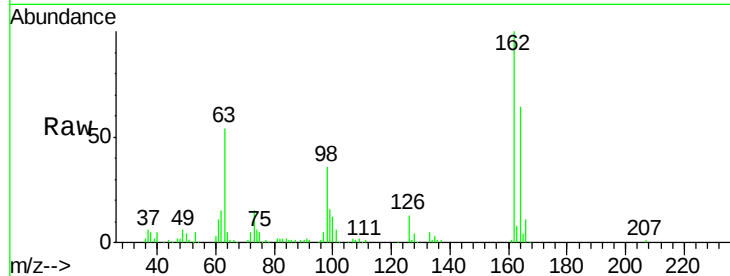
#29
 2,4-Dichlorophenol
 Concen: 10.030 ng
 RT: 9.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.5	84.5
98	36.2	14.2	54.2

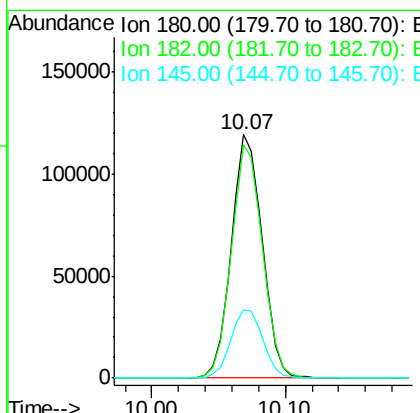
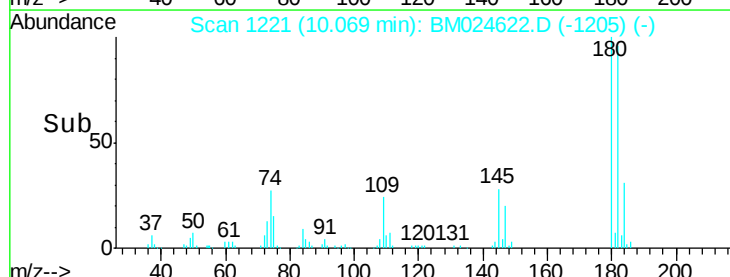
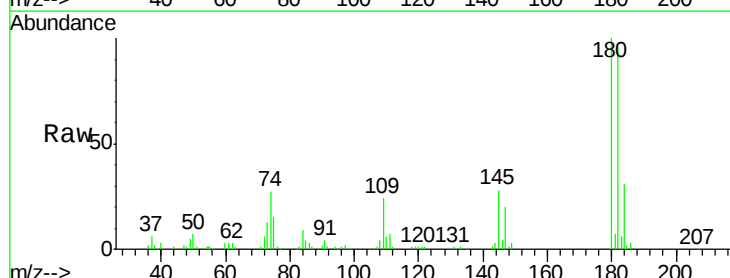
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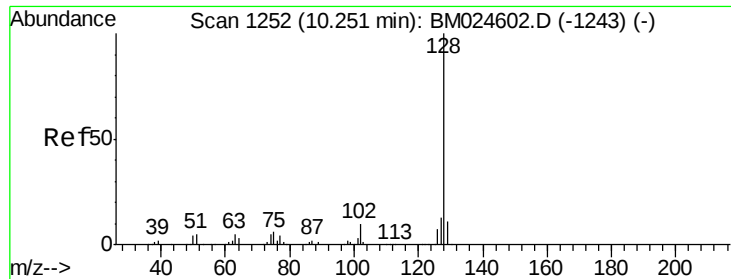
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#30
 1,2,4-Trichlorobenzene
 Concen: 10.586 ng
 RT: 10.07 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.8	116.6
145	27.8	22.9	34.3





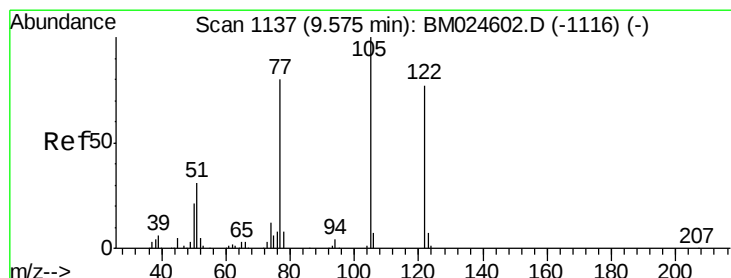
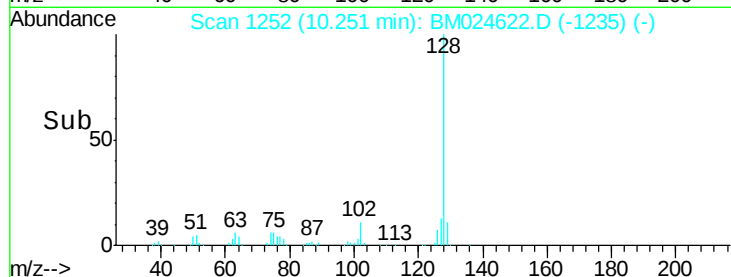
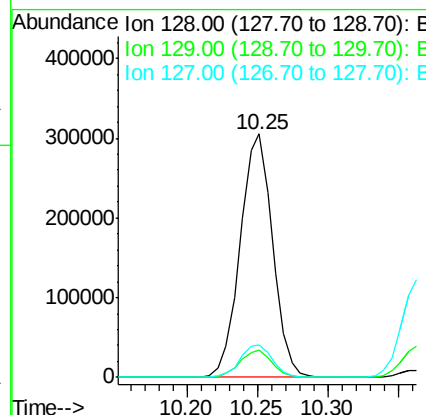
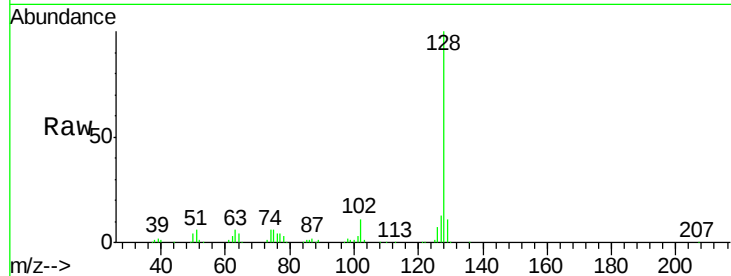
#31
Naphthalene
Concen: 10.691 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
128	100	490121		
129	11.0		8.8	13.2
127	13.2		10.6	15.8

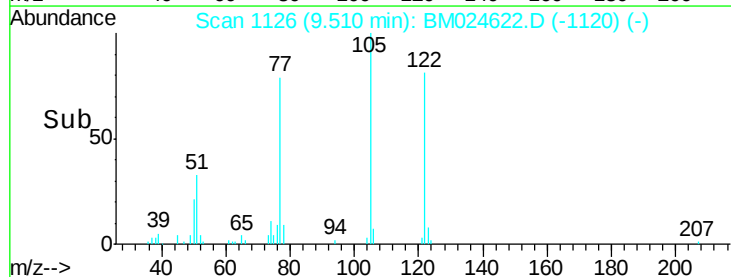
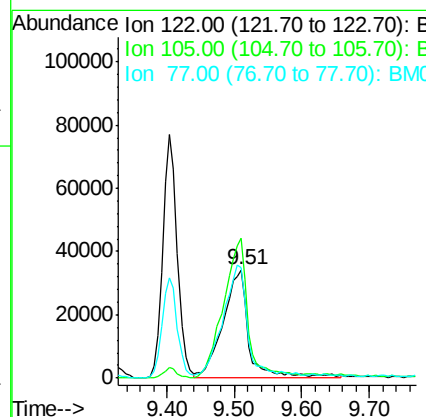
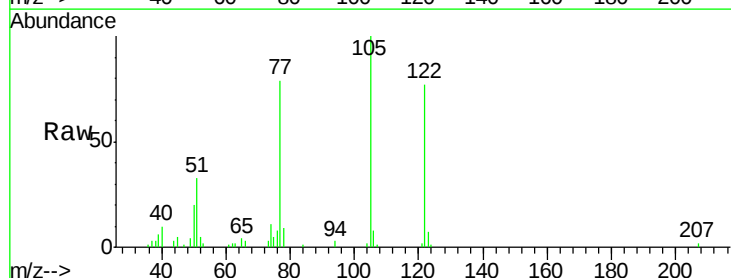
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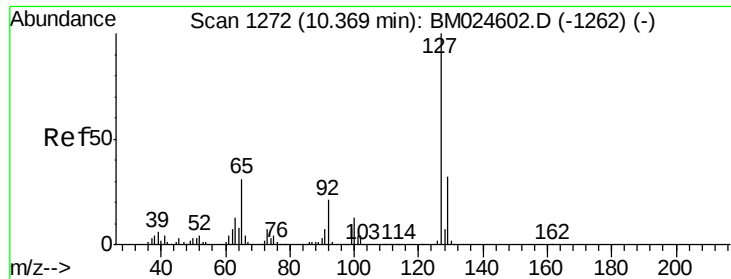
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#32
Benzoic acid
Concen: 9.063 ng m
RT: 9.51 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	92531		
105	129.3		107.7	147.7
77	101.9		83.8	123.8





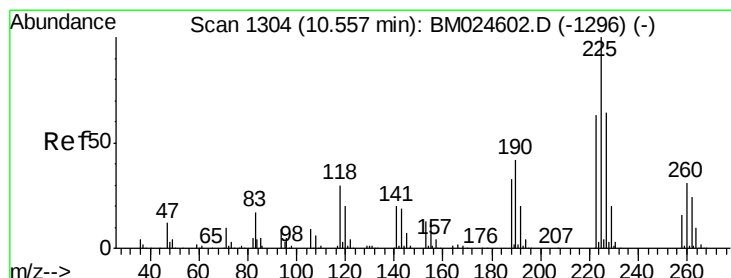
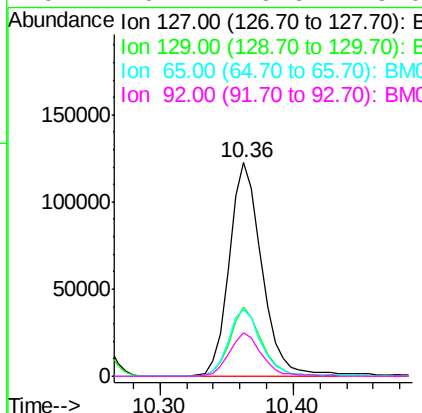
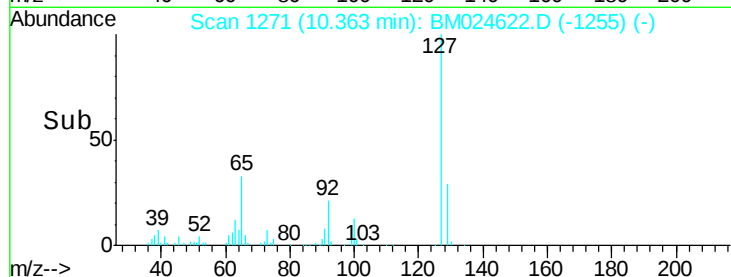
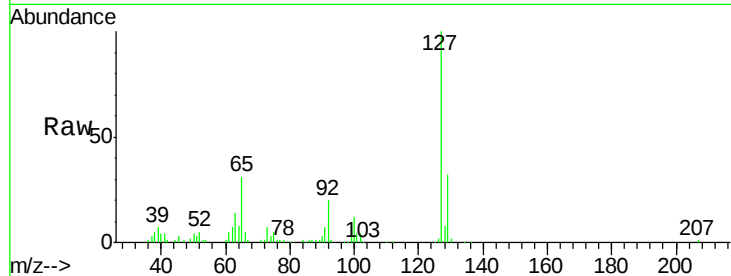
#33
4-Chloroaniline
Concen: 10.422 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	31.3	25.1	37.7
92	20.2	16.6	25.0

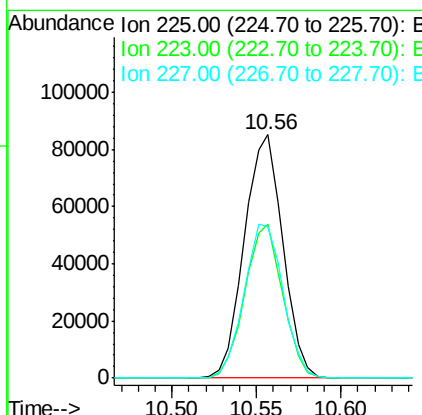
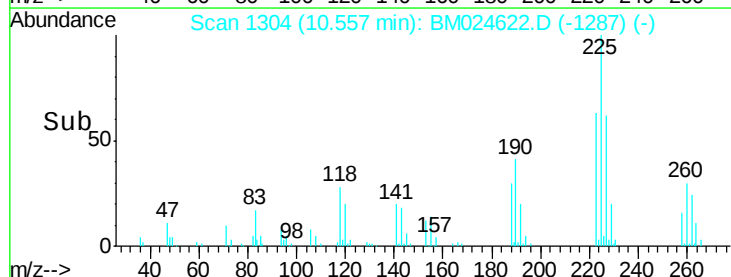
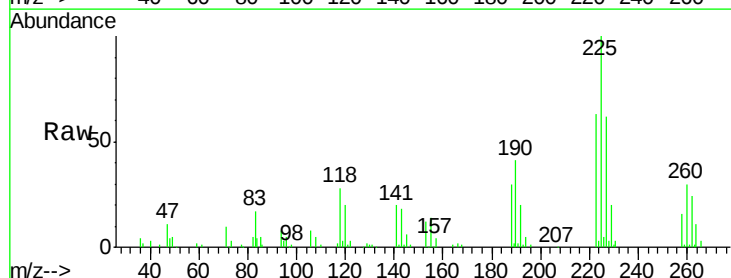
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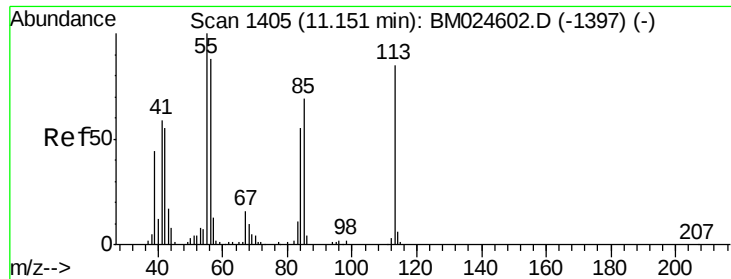
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#34
Hexachlorobutadiene
Concen: 10.721 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	62.4	51.4	77.0





#35

Caprolactam

Concen: 9.840 ng

RT: 11.12 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

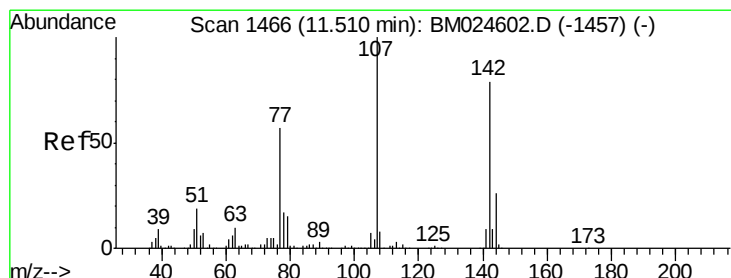
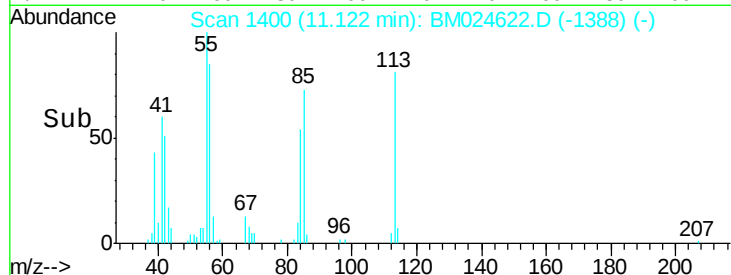
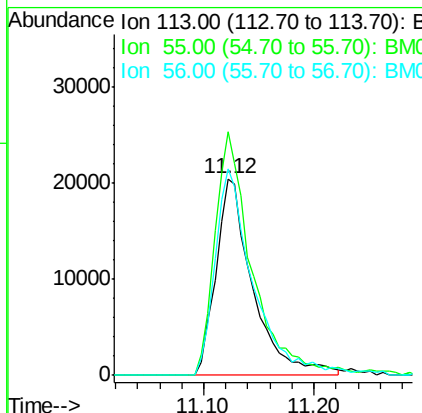
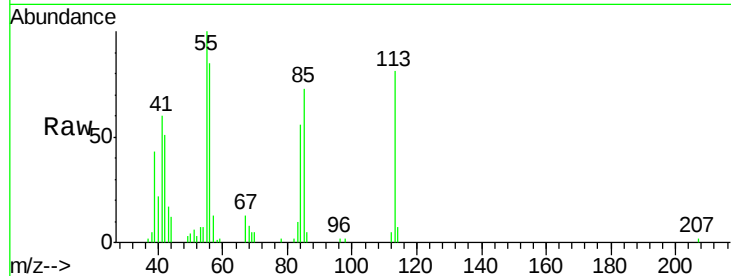
ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:	113	Resp:	47601
Ion	Ratio	Lower	Upper
113	100		
55	124.1	97.5	137.5
56	105.5	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 10.118 ng

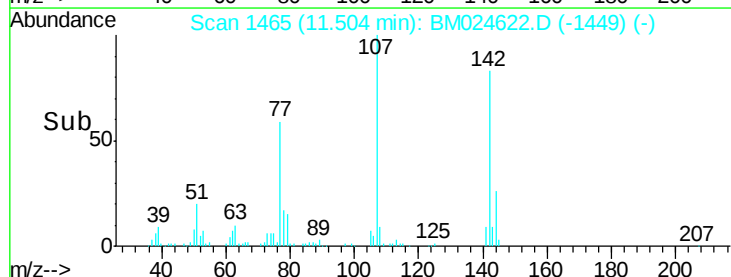
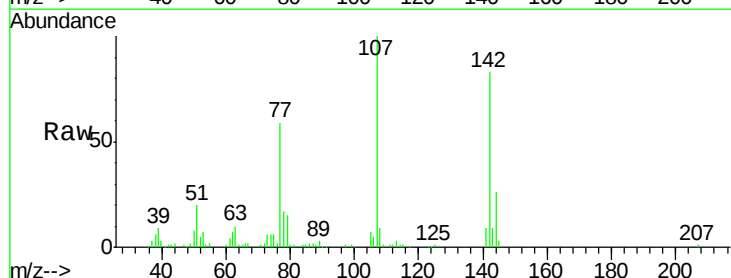
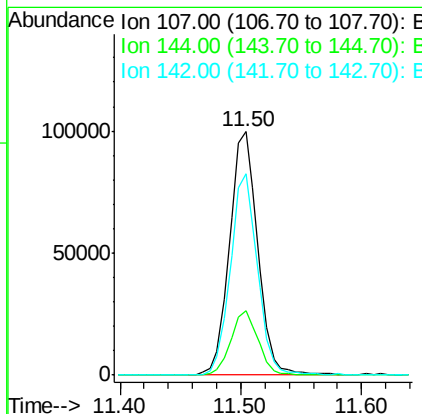
RT: 11.50 min Scan# 1465

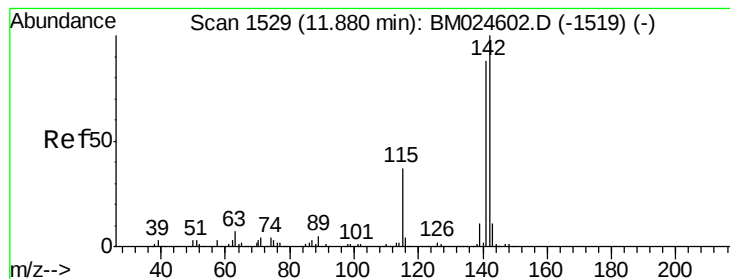
Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion:	107	Resp:	162225
Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	82.6	62.8	94.2





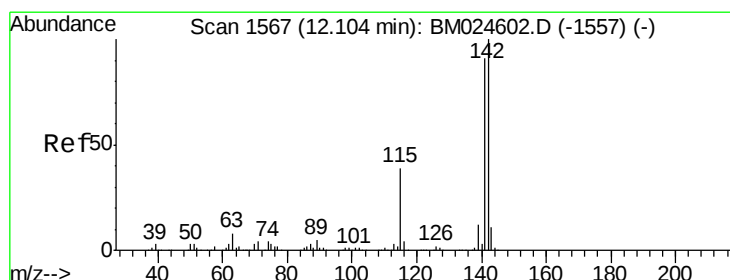
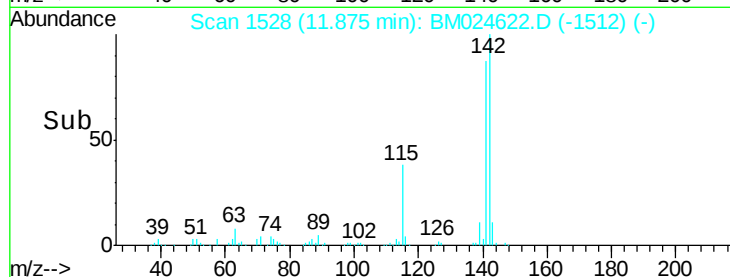
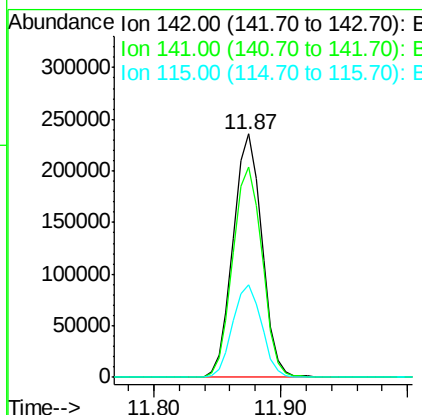
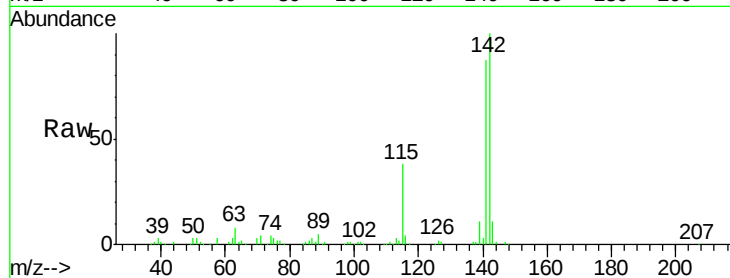
#37
2-Methylnaphthalene
Concen: 10.507 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.2	105.2
115	38.3	29.7	44.5

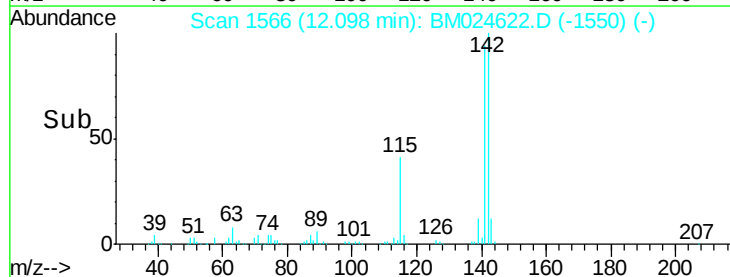
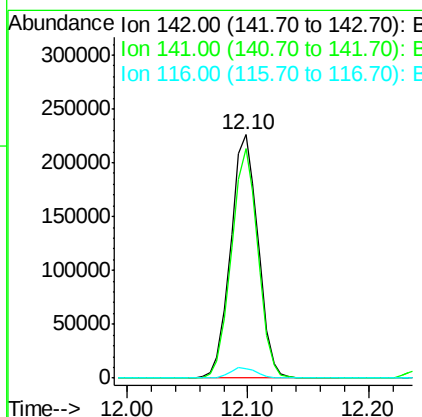
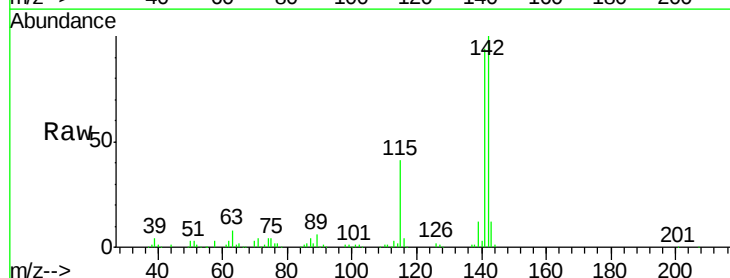
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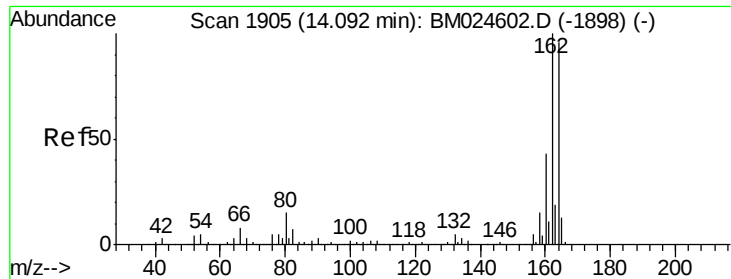
mohammad
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#38
1-Methylnaphthalene
Concen: 10.637 ng
RT: 12.10 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	72.8	109.2
116	4.0	3.2	4.8





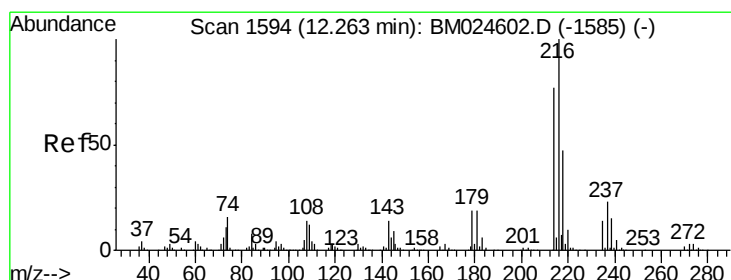
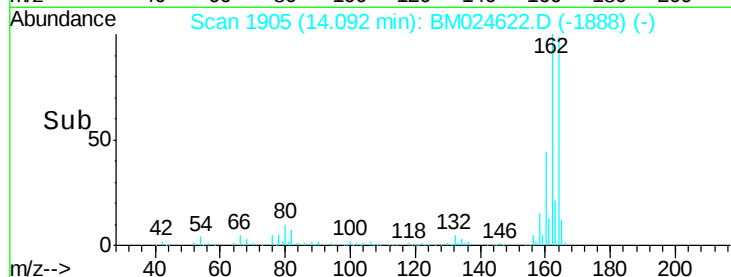
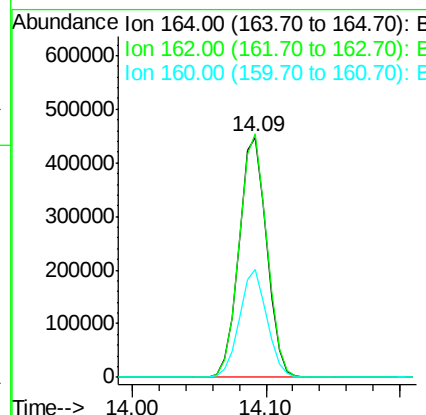
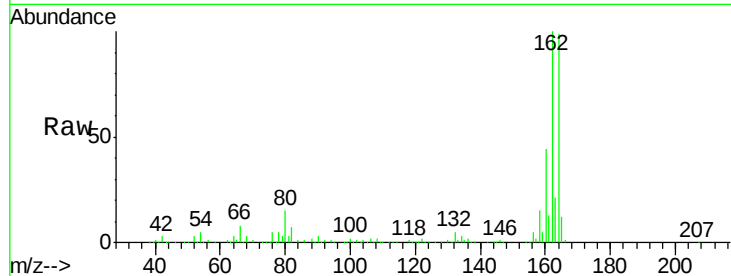
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.9	124.3
160	44.9	35.5	53.3

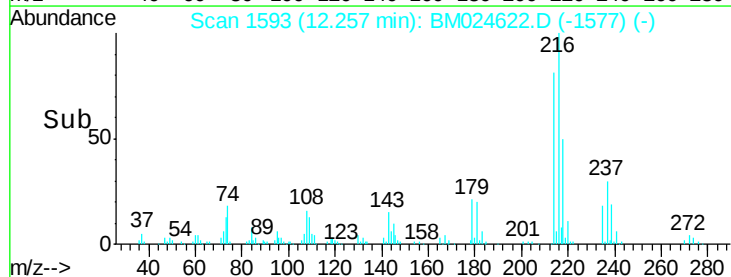
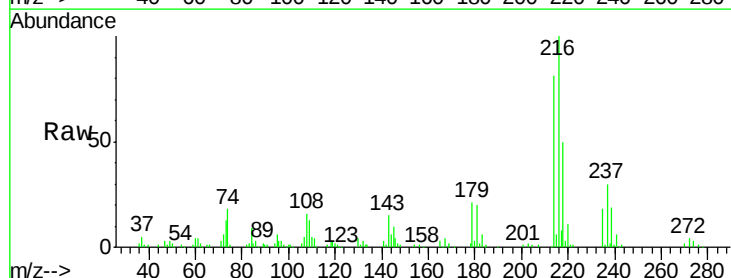
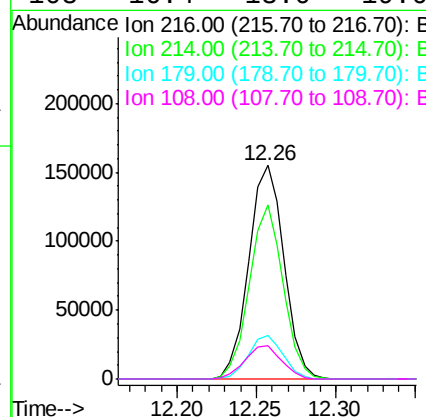
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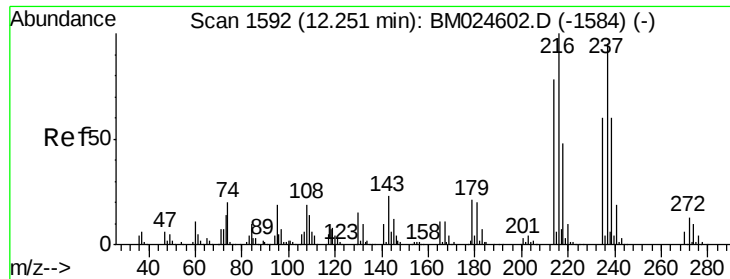
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.394 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.3	93.5
179	20.2	16.1	24.1
108	16.4	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 9.867 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

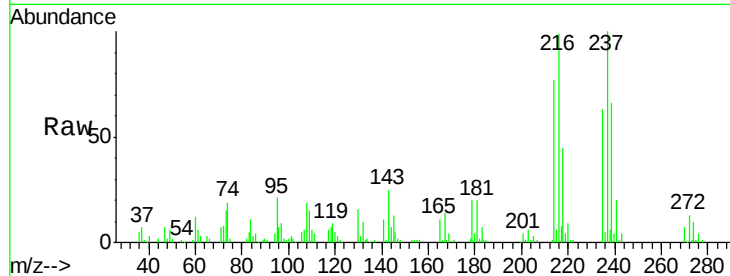
ClientSampleId :

LOQ-WATER-02-QT4-2019

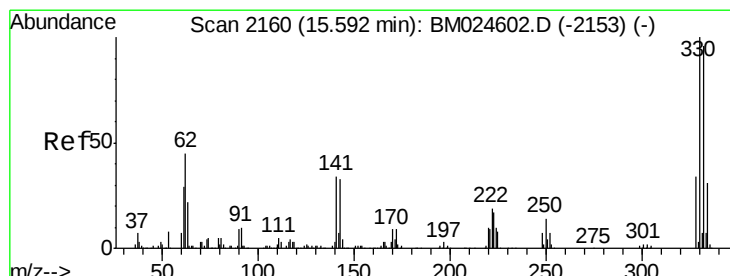
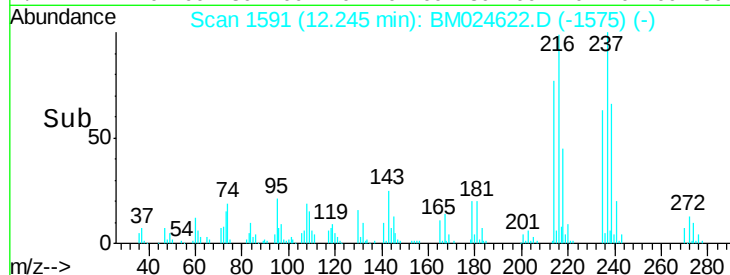
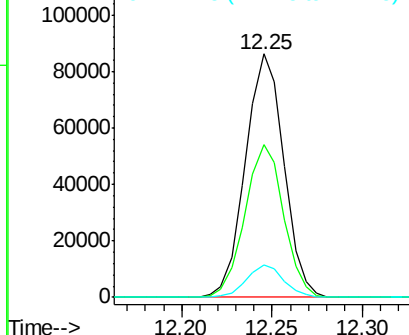
Tot Ion:	237	Resp:	127289
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.3	83.3
272	13.3	0.0	33.4

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



#42

2,4,6-Tribromophenol

Concen: 123.980 ng

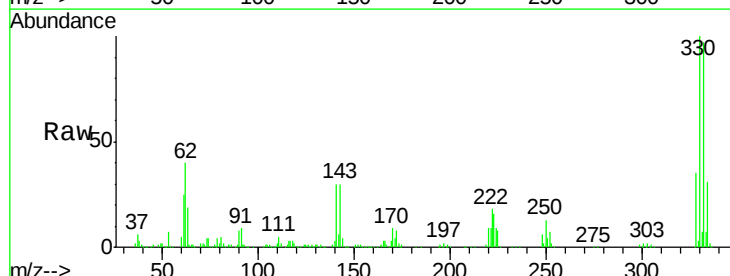
RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

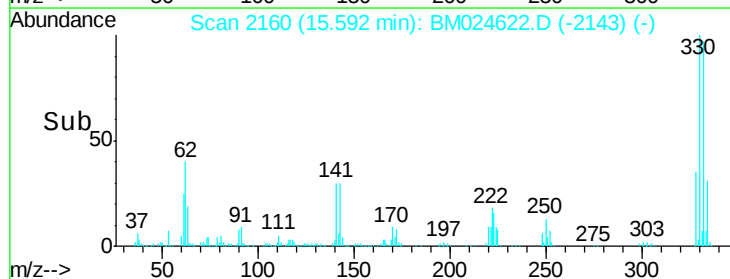
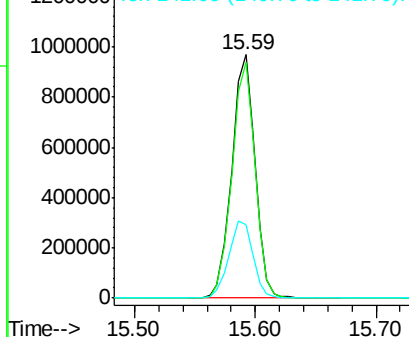
Lab File: BM024622.D

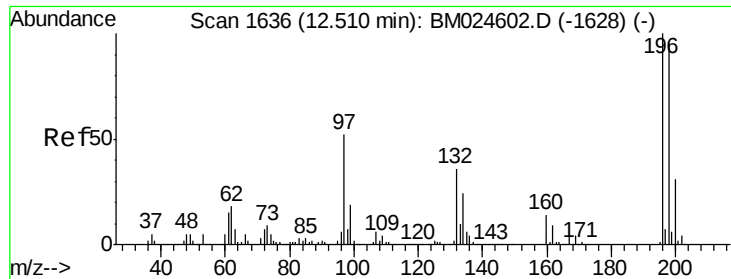
Acq: 24 Jan 2020 16:07

Tgt Ion:	330	Resp:	1300538
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.2	115.8
141	32.9	26.9	40.3



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





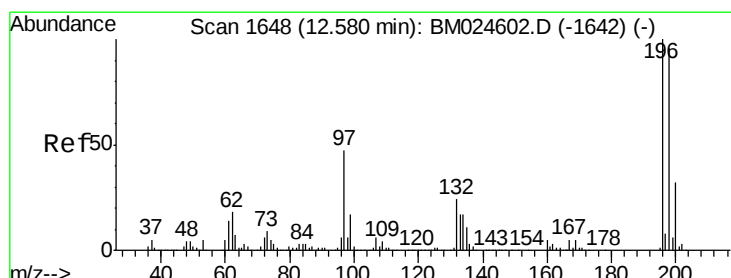
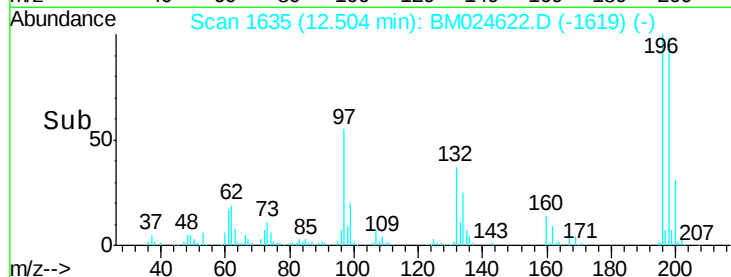
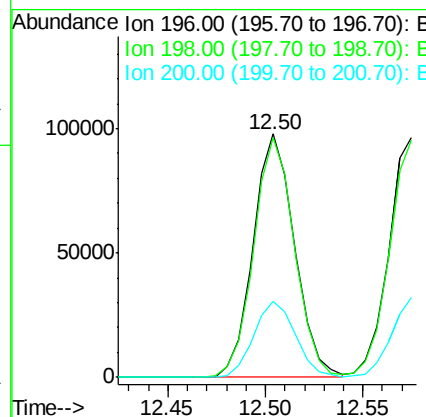
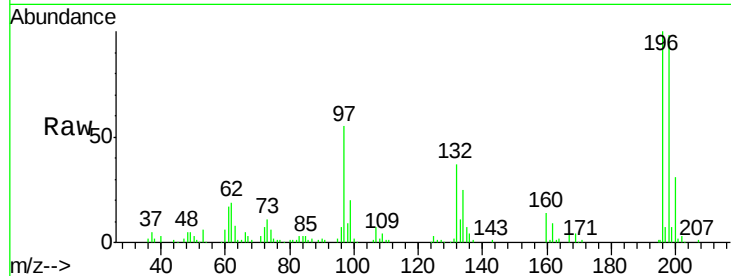
#43
 2,4,6-Trichlorophenol
 Concen: 9.776 ng
 RT: 12.50 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143177		
198	98.5	76.5	114.7	
200	31.0	25.0	37.6	

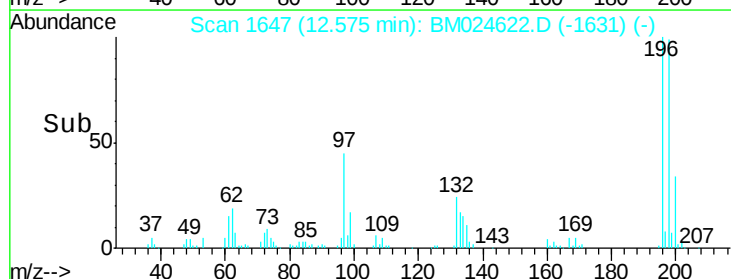
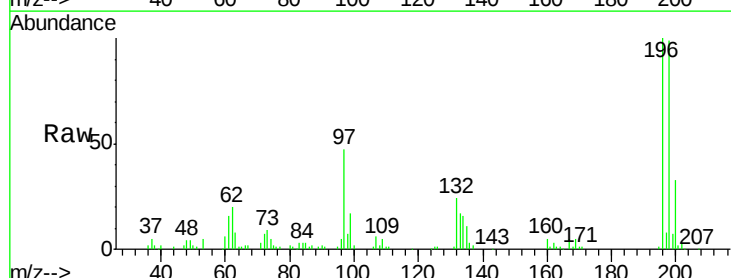
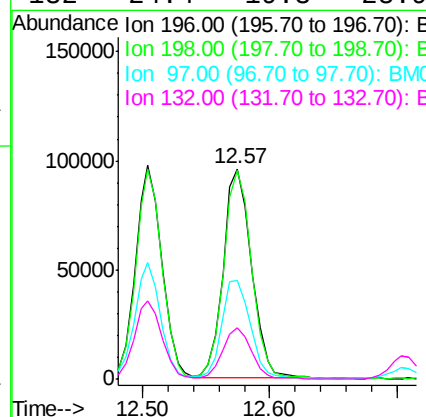
Manual Integrations
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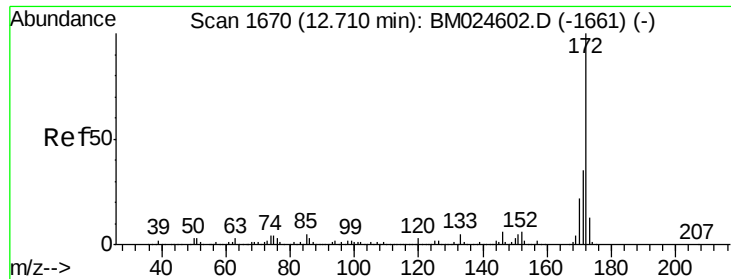
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 10.008 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149692		
198	99.2	77.2	115.8	
97	46.9	37.4	56.0	
132	24.4	19.3	28.9	





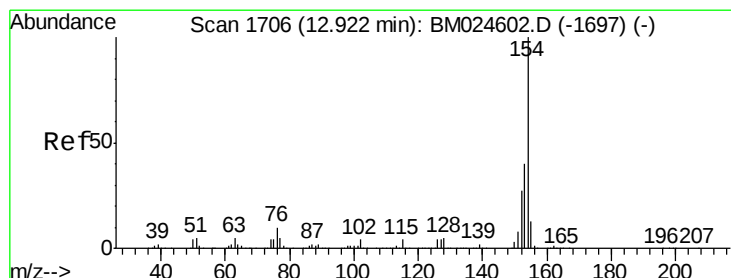
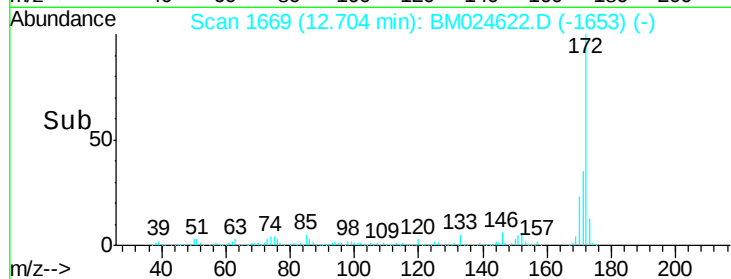
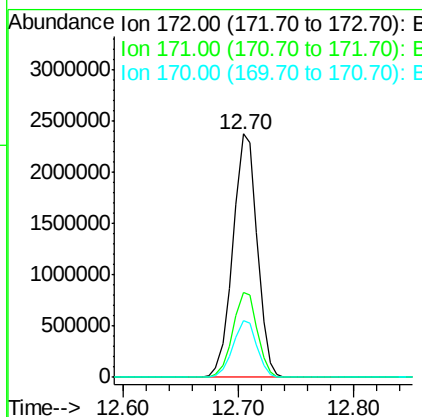
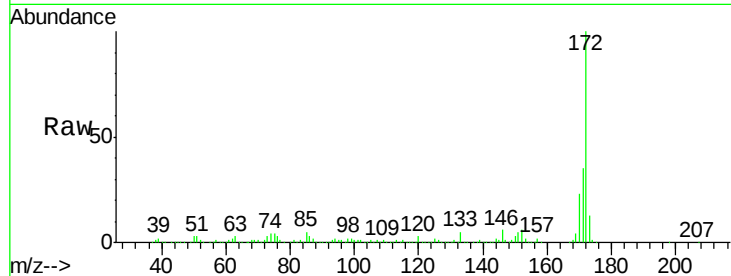
#45
 2-Fluorobiphenyl
 Concen: 73.049 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.1	17.9	26.9

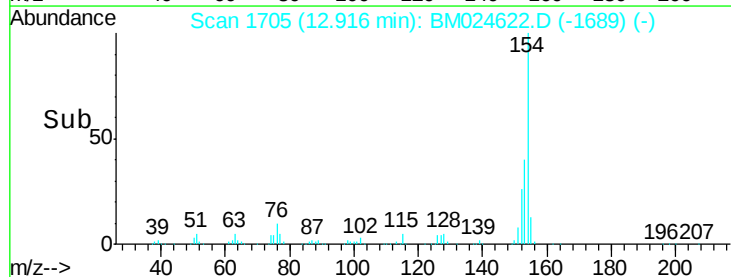
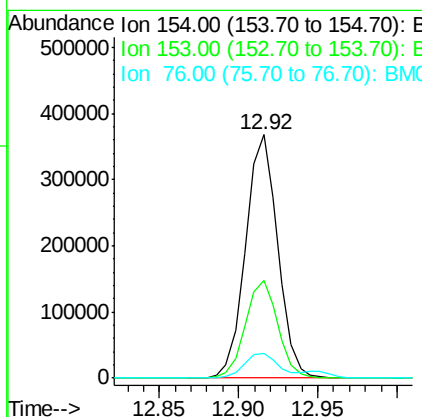
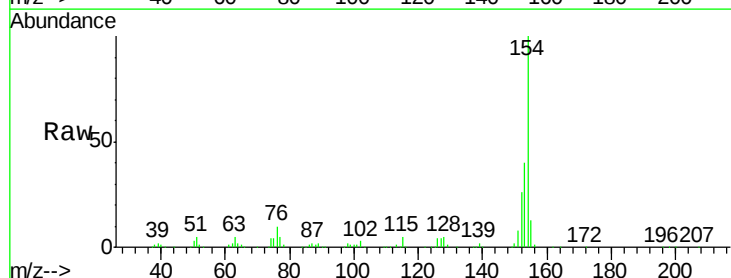
Manual Integrations
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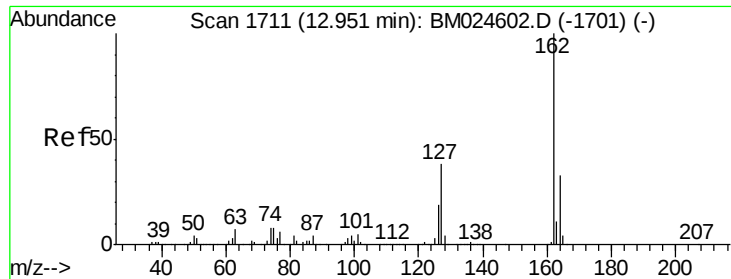
mohammad
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#46
 1,1'-Biphenyl
 Concen: 10.597 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	10.2	0.0	30.5





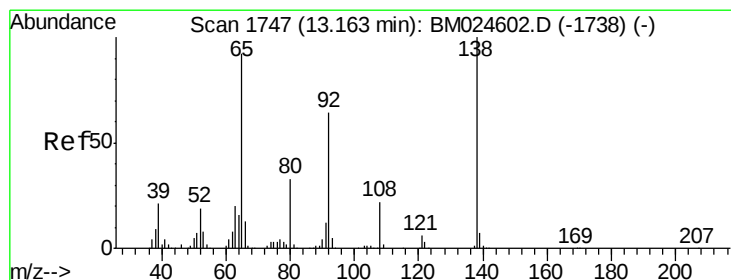
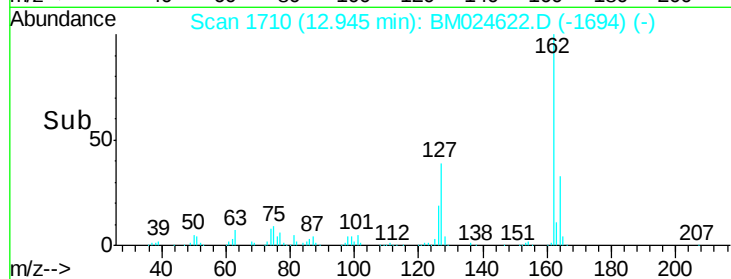
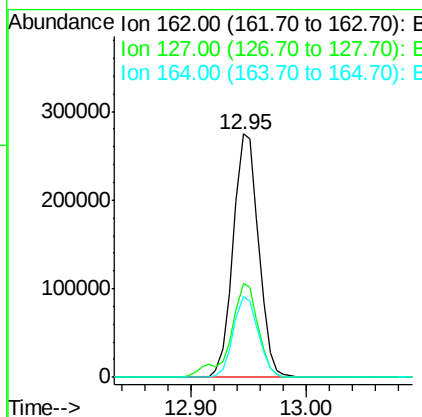
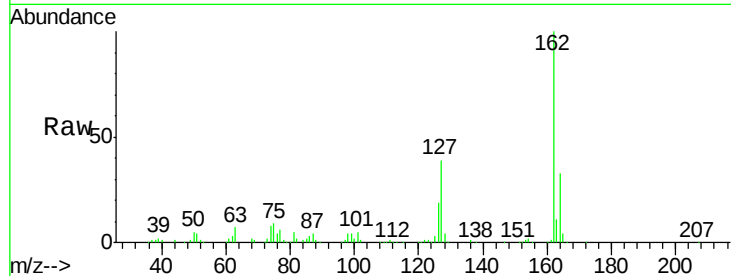
#47
2-Chloronaphthalene
Concen: 10.623 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.4	45.6
164	33.3	26.5	39.7

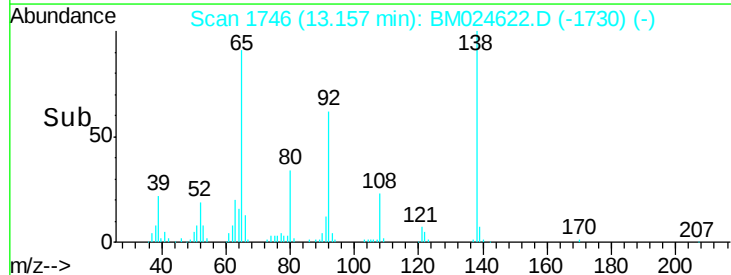
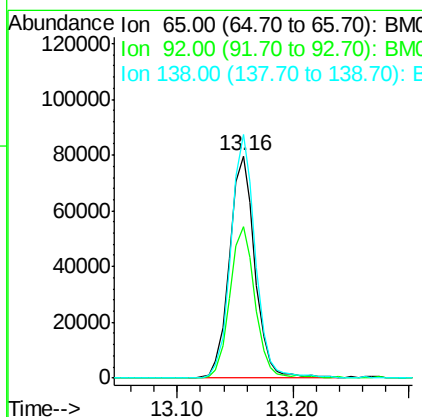
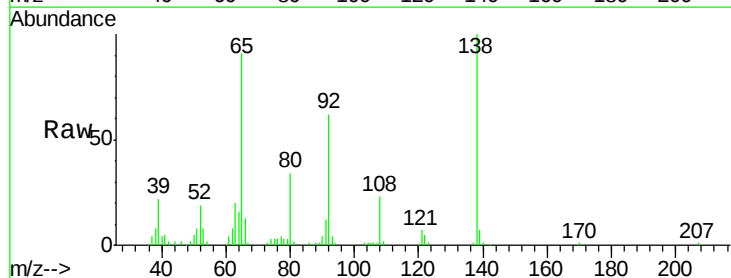
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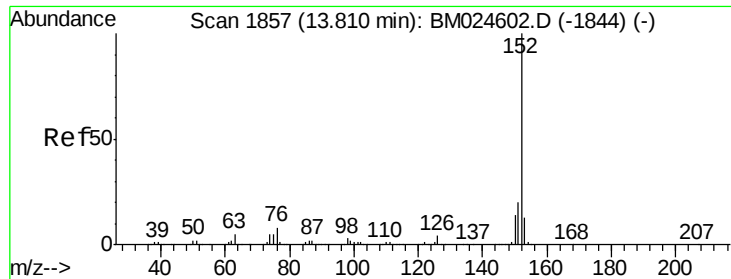
mohammad
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#48
2-Nitroaniline
Concen: 10.157 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	55.4	83.2
138	109.6	86.6	129.8





#49

Acenaphthylene

Concen: 10.584 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

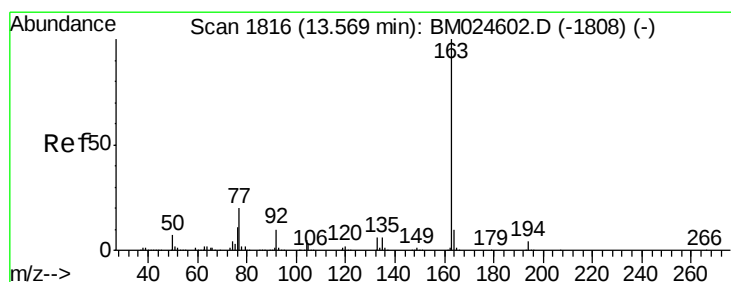
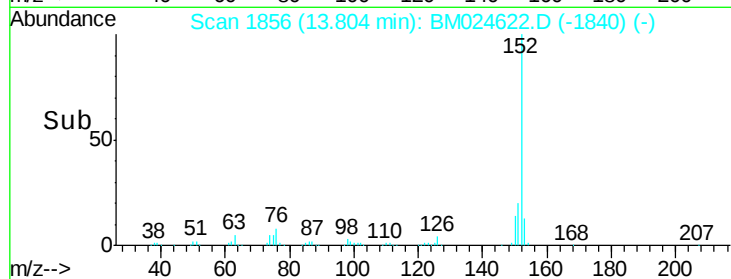
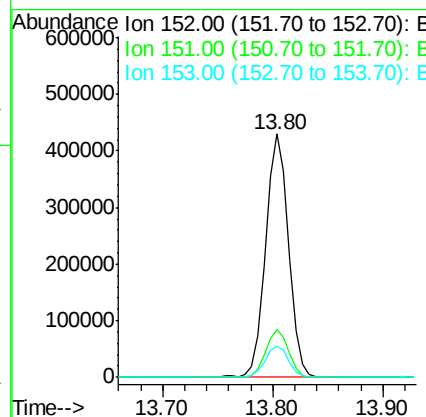
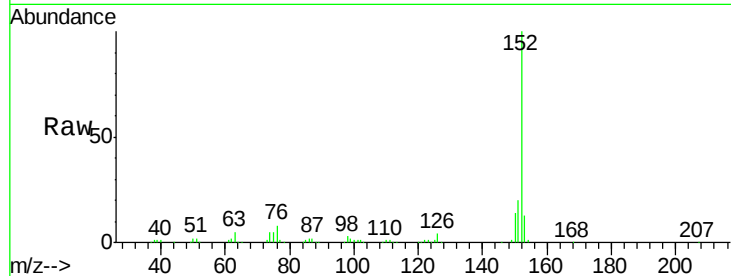
ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 10.642 ng

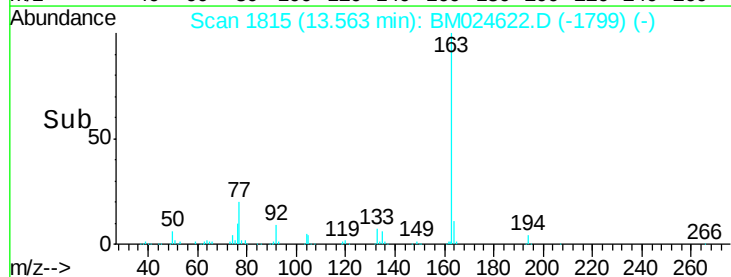
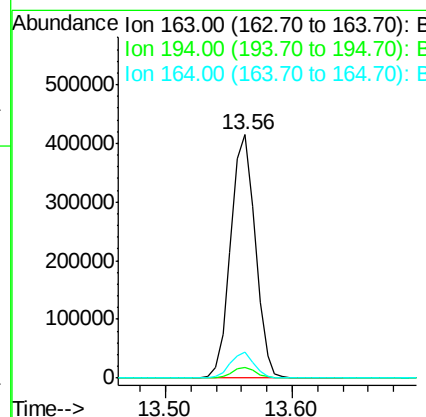
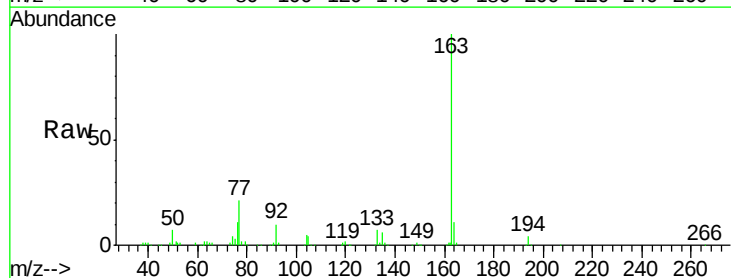
RT: 13.56 min Scan# 1815

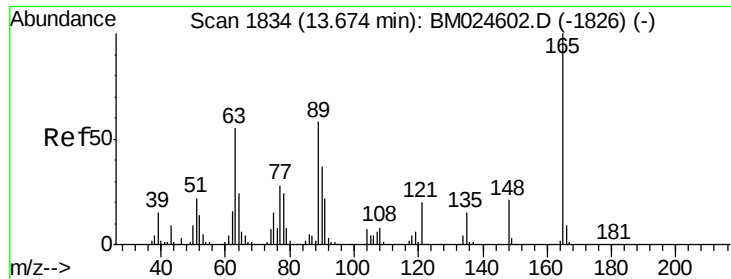
Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.7	8.0	12.0





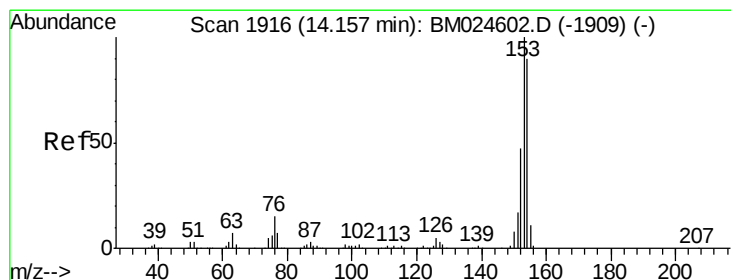
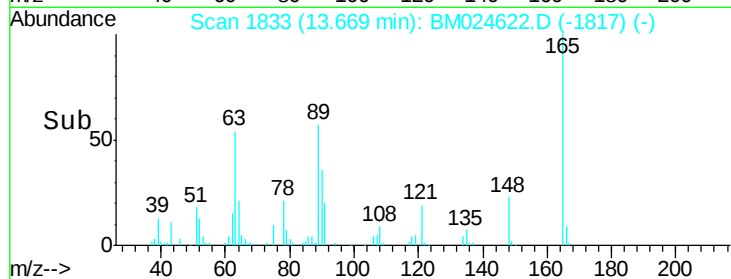
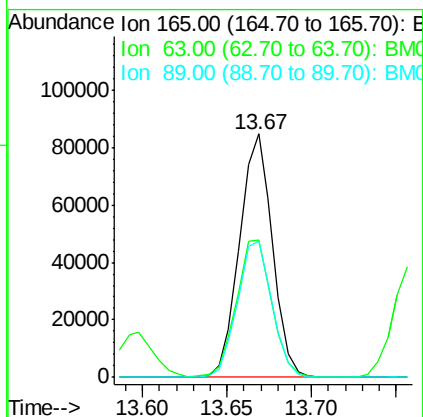
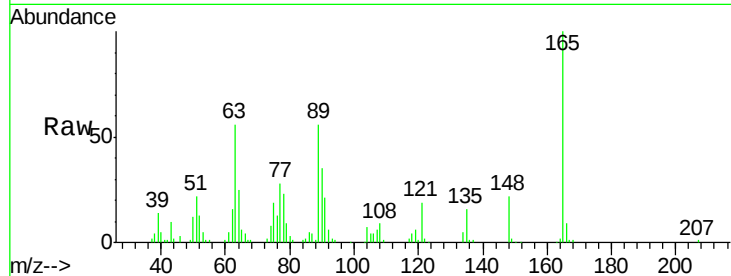
#51
 2,6-Dinitrotoluene
 Concen: 10.385 ng
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	115134		
63	56.4		45.4	68.0
89	55.8		46.6	69.8

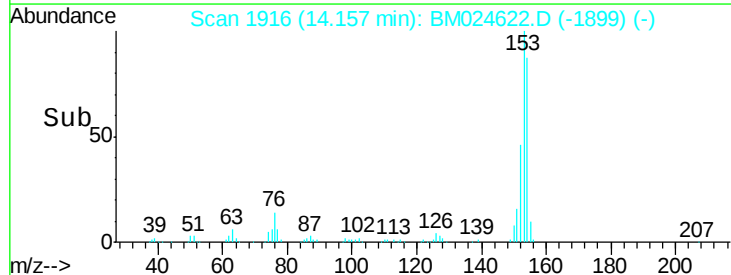
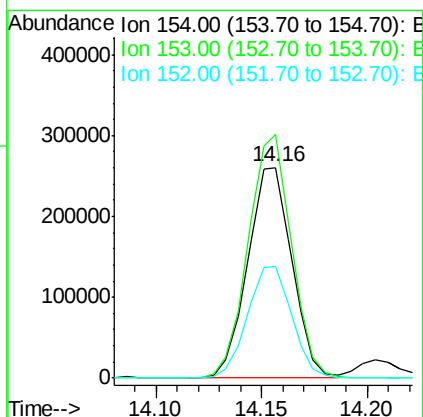
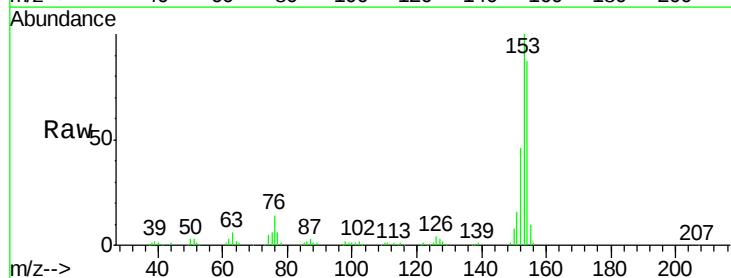
Manual Integrations
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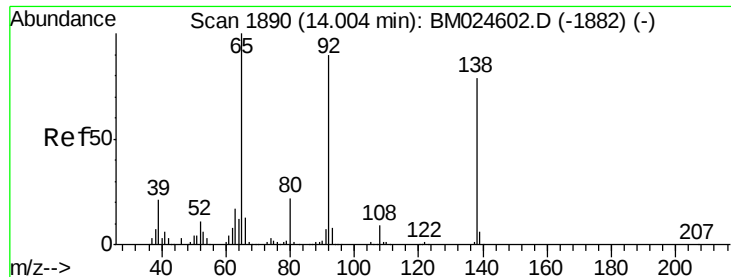
mohammad
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#52
 Acenaphthene
 Concen: 10.381 ng
 RT: 14.16 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	379924		
153	115.6		89.1	133.7
152	53.2		41.9	62.9





#53

3-Nitroaniline

Concen: 10.107 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

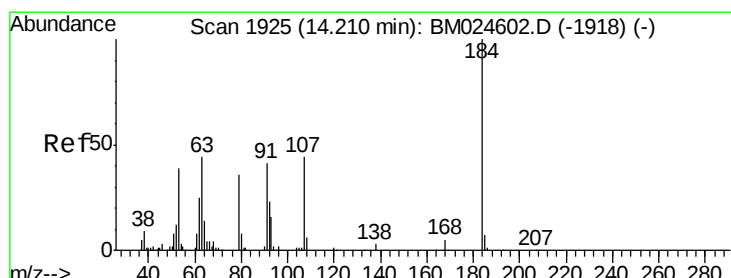
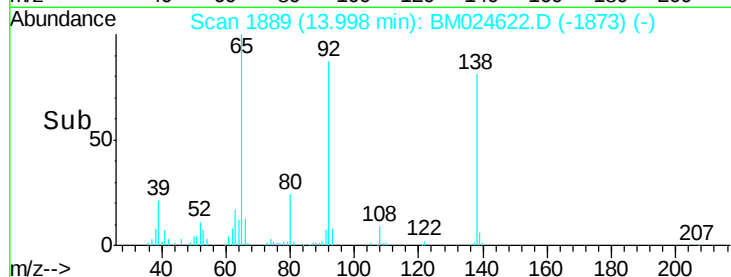
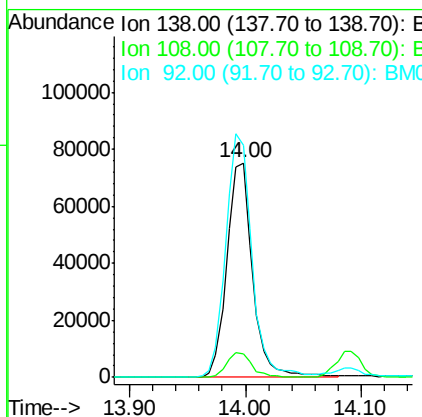
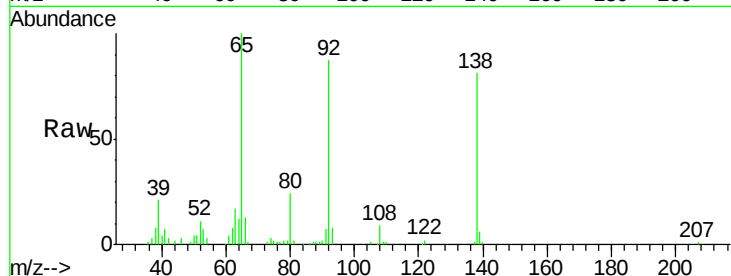
ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	108.2	91.0	136.4

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#54

2,4-Dinitrophenol

Concen: 7.855 ng

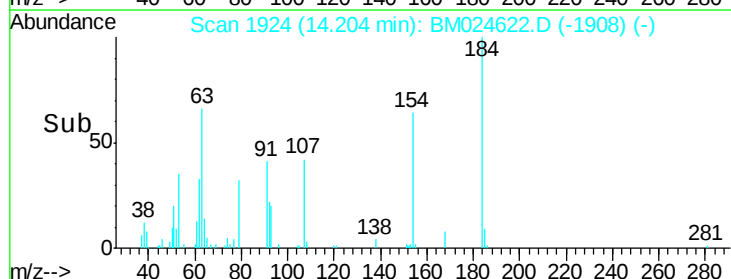
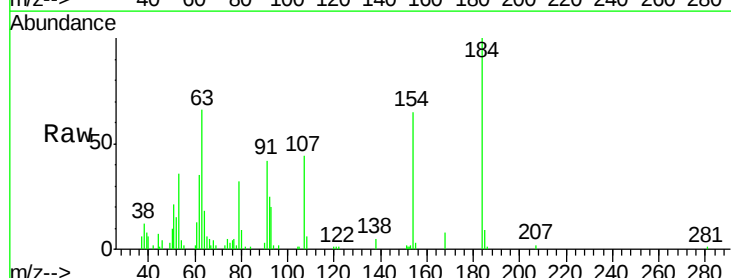
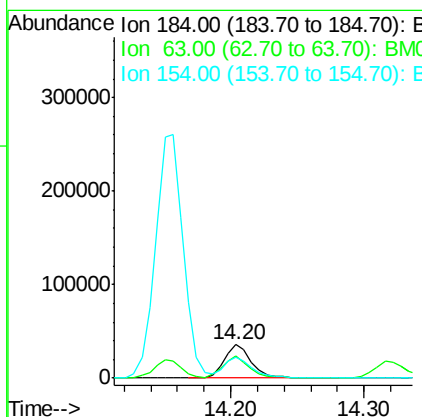
RT: 14.20 min Scan# 1924

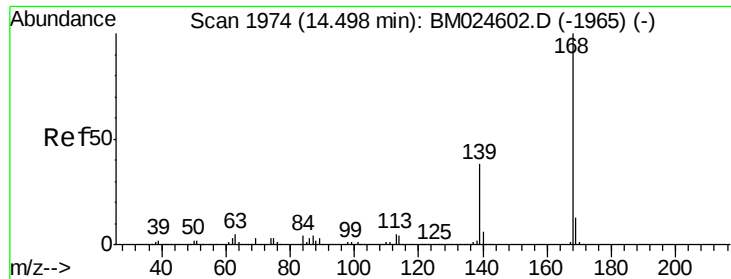
Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.2	51.8	77.8
154	64.9	50.2	75.4





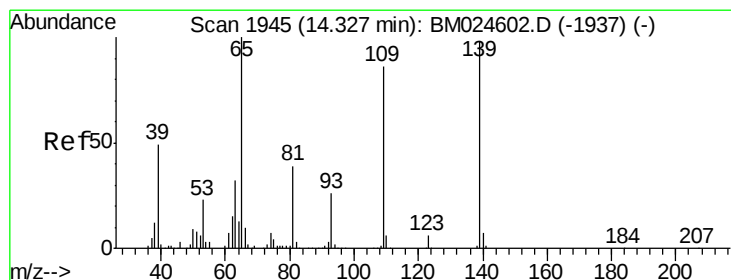
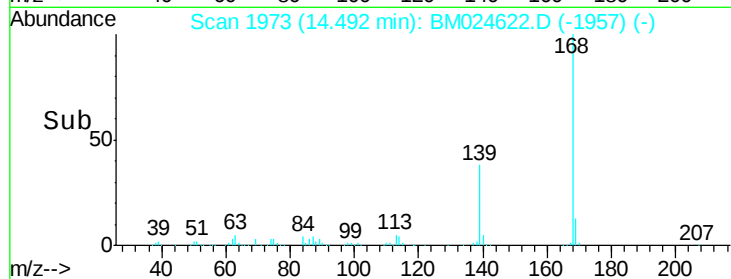
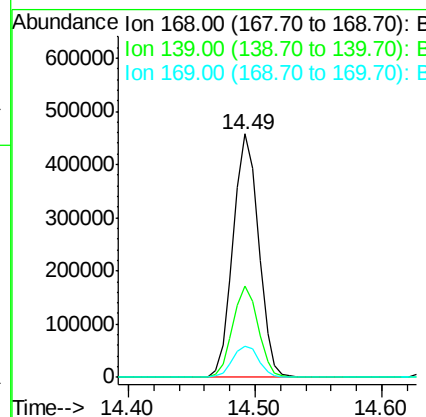
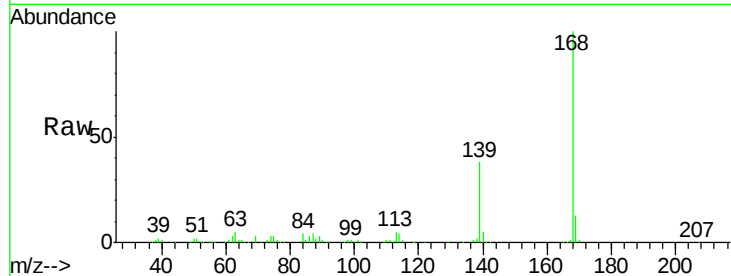
#55
Dibenzofuran
Concen: 10.679 ng
RT: 14.49 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.2	45.4
169	12.9	10.7	16.1

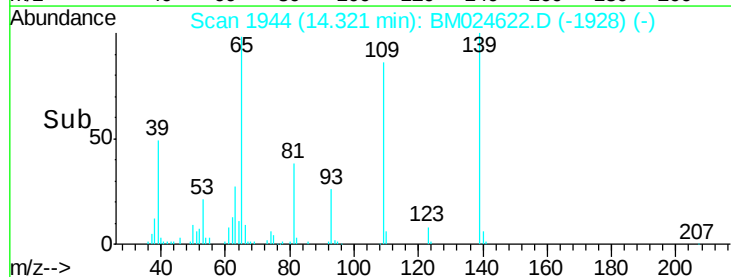
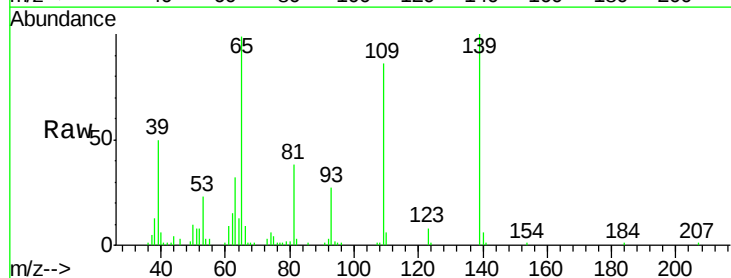
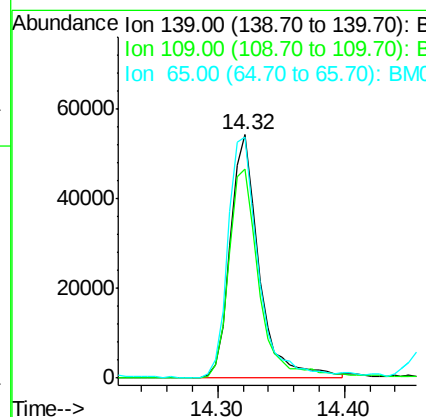
Manual Integrations
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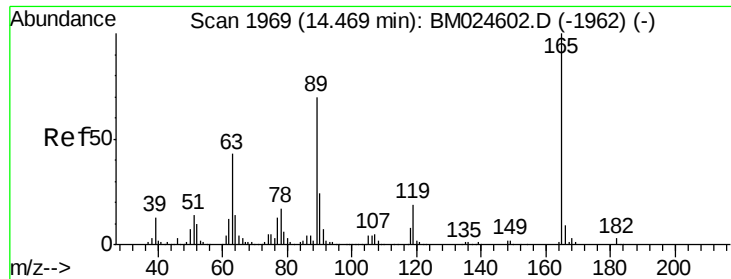
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#56
4-Nitrophenol
Concen: 9.539 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.1	67.4	107.4
65	99.2	82.1	122.1





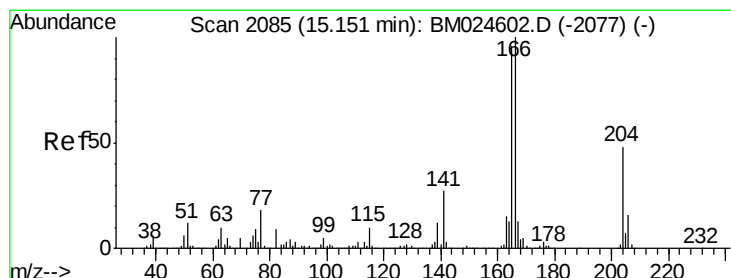
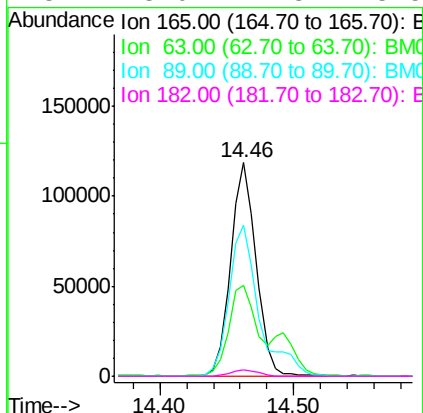
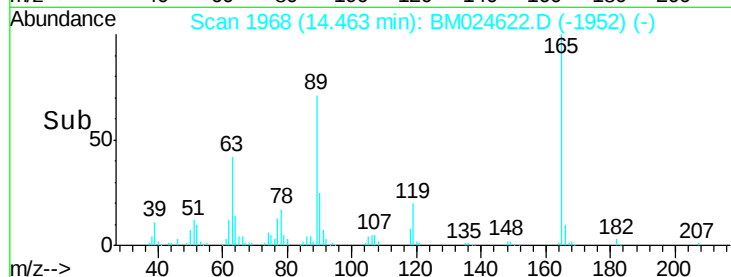
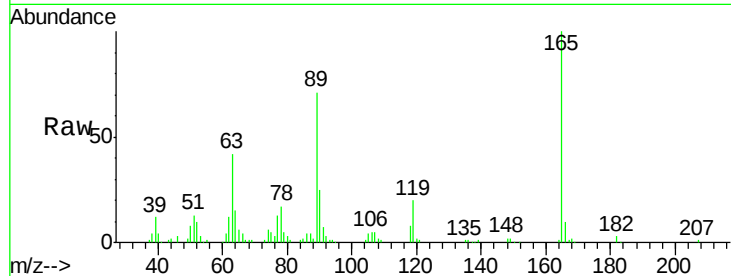
#57
 2,4-Dinitrotoluene
 Concen: 9.942 ng
 RT: 14.46 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		157974		
63	42.4	34.5	51.7		
89	70.9	55.8	83.8		
182	3.0	2.3	3.5		

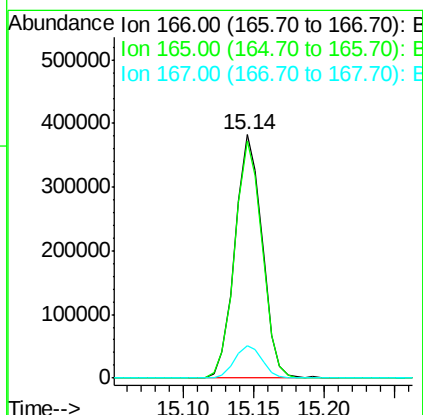
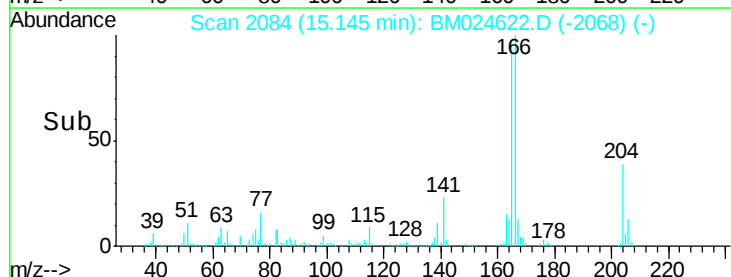
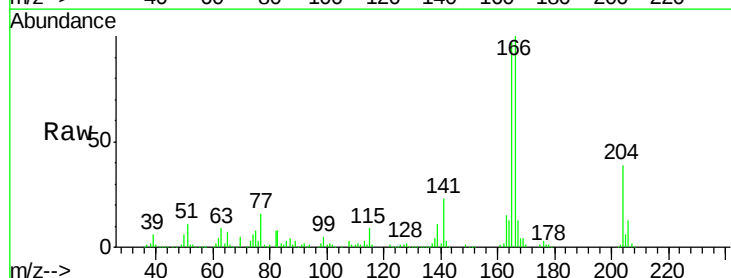
Manual Integrations
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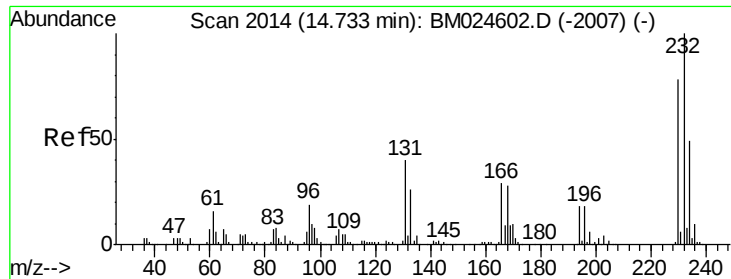
mohammad
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#58
 Fluorene
 Concen: 10.231 ng
 RT: 15.14 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		513183		
165	97.2	76.6	114.8		
167	13.5	10.8	16.2		





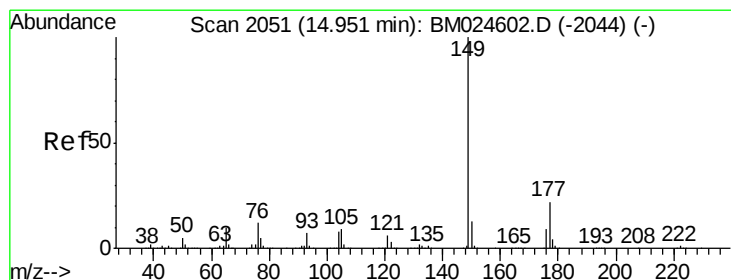
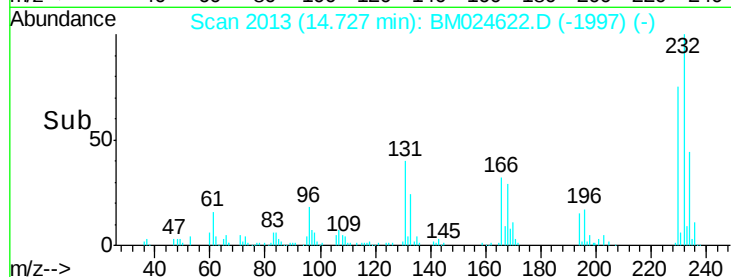
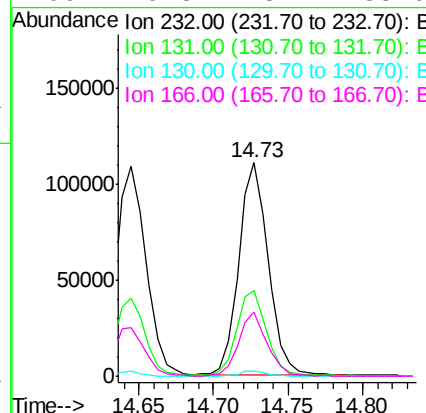
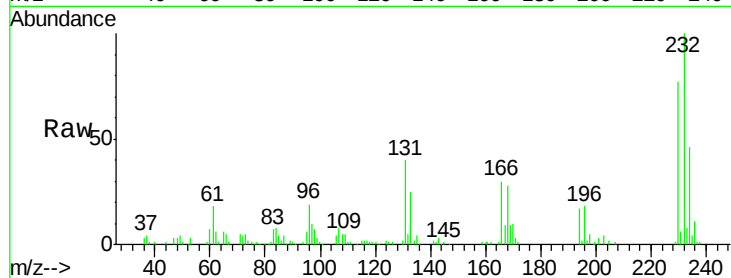
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.059 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
232	100	152582		
131	41.5	32.2	48.4	
130	2.3	1.9	2.9	
166	29.3	23.4	35.0	

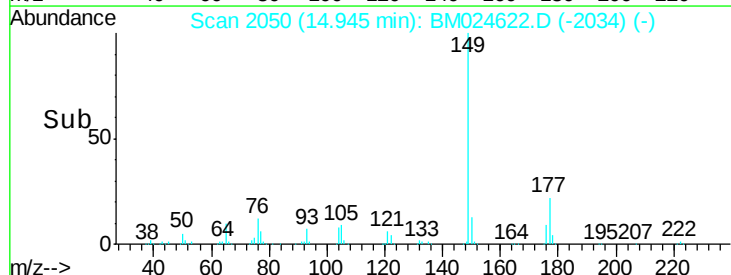
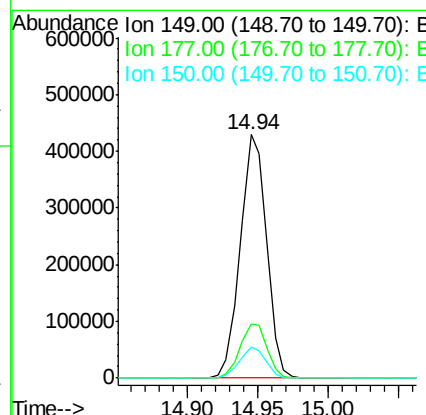
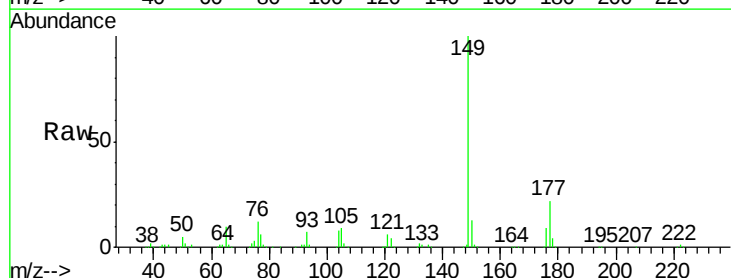
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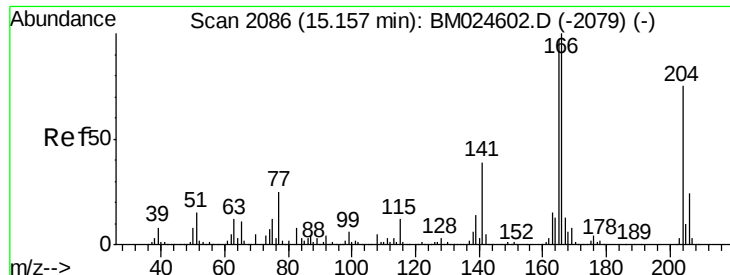
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#60
Diethylphthalate
Concen: 10.493 ng
RT: 14.94 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	555531		
177	22.4	18.0	27.0	
150	12.6	10.2	15.4	





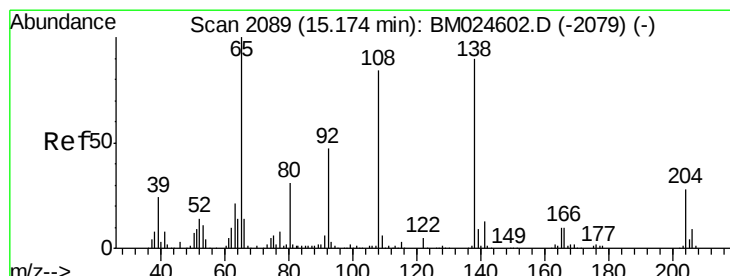
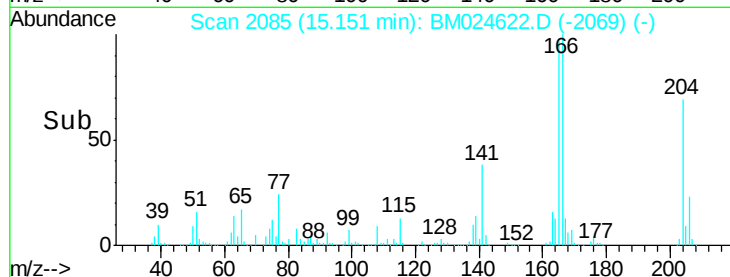
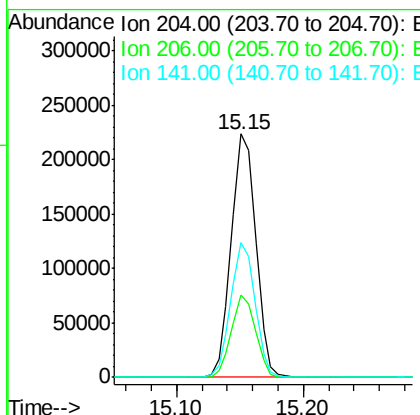
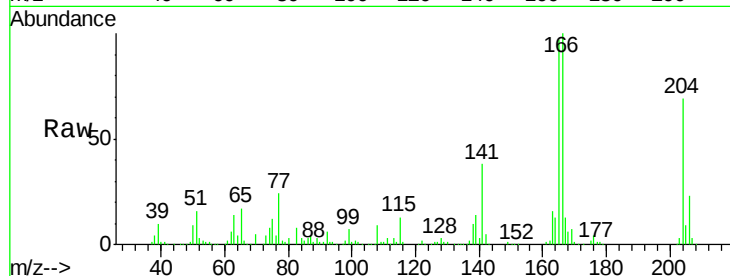
#61
 4-Chlorophenyl-phenylether
 Concen: 10.369 ng
 RT: 15.15 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion:	204	Resp:	299866
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.2	39.2
141	55.3	42.2	63.2

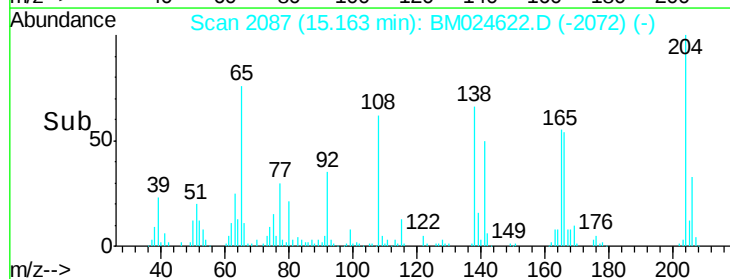
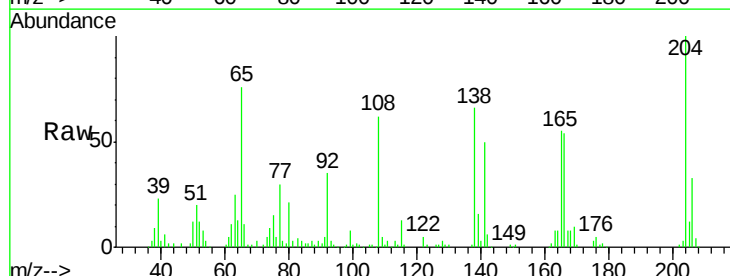
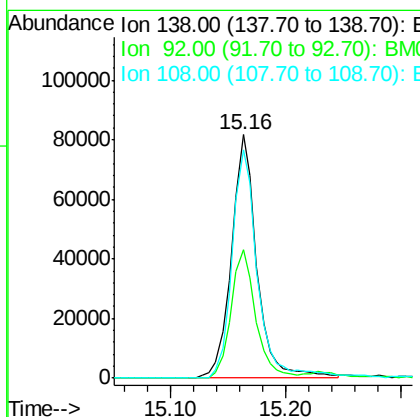
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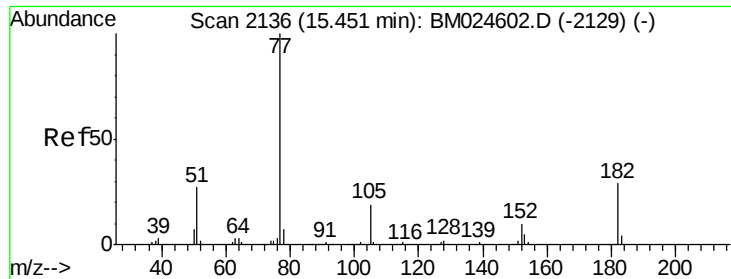
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#62
 4-Nitroaniline
 Concen: 9.842 ng
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion:	138	Resp:	124925
Ion Ratio	Lower	Upper	
138	100		
92	52.5	32.4	72.4
108	93.9	73.3	113.3





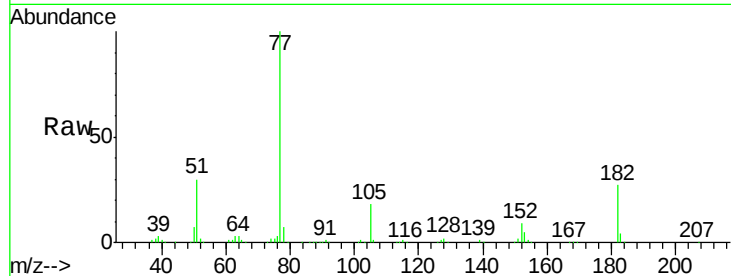
#63
Azobenzene
Concen: 10.624 ng
RT: 15.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	8.7	48.7	
105	18.3	0.0	39.2	
51	29.9	7.5	47.5	

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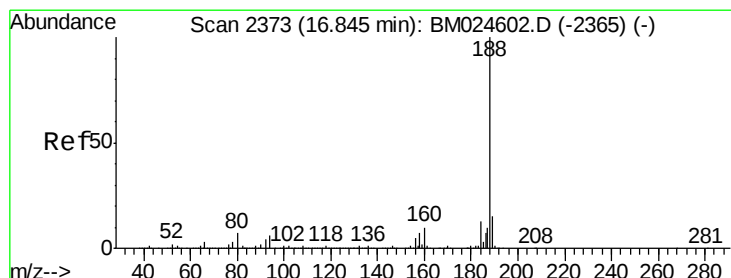
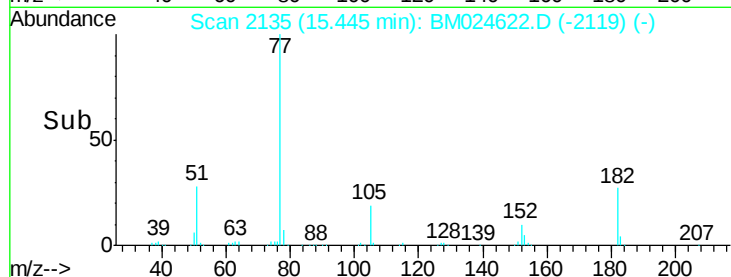
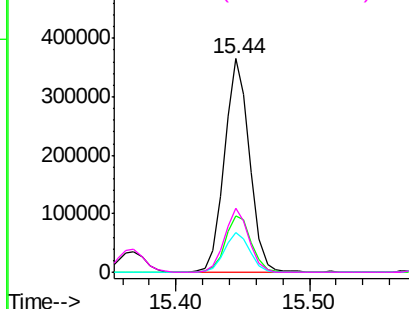


Abundance Ion 77.00 (76.70 to 77.70): BM024622.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024622.D (-2119) (-)

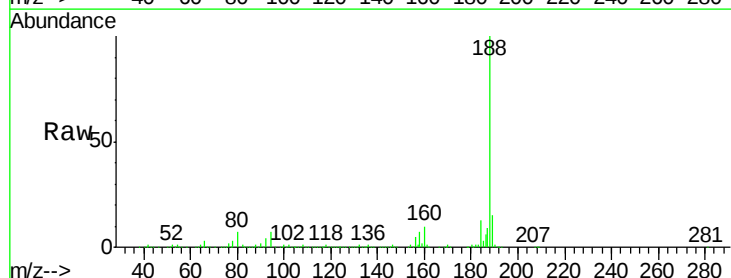
Ion 105.00 (104.70 to 105.70): BM024622.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024622.D (-2119) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

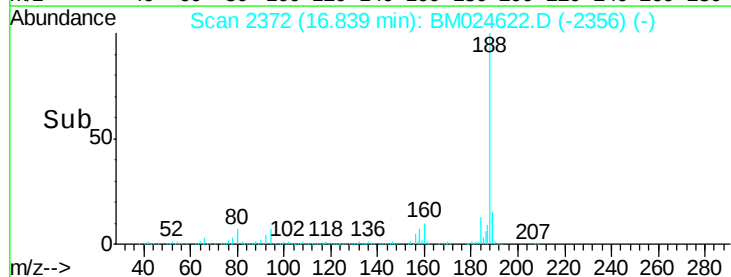
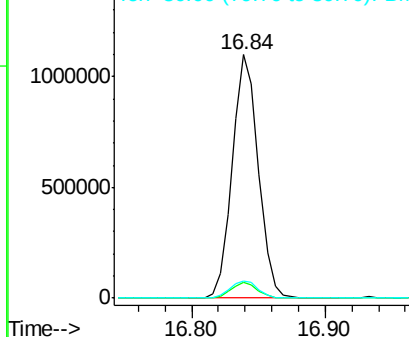
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.6	5.0	7.6	
80	7.0	5.8	8.8	

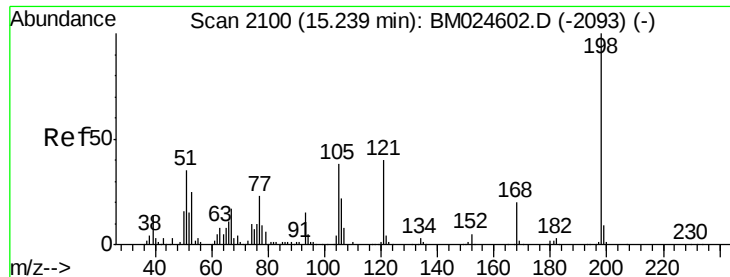


Abundance Ion 188.00 (187.70 to 188.70): BM024622.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024622.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024622.D (-2356) (-)





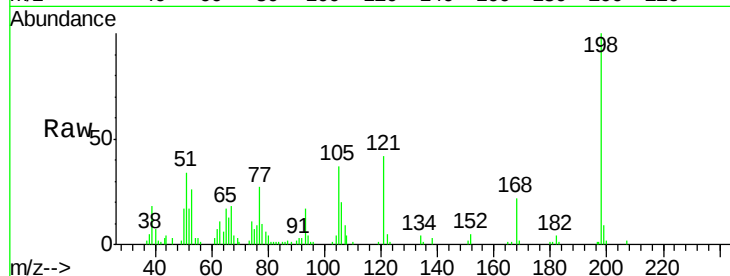
#65
4,6-Dinitro-2-methylphenol
Concen: 8.628 ng
RT: 15.23 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

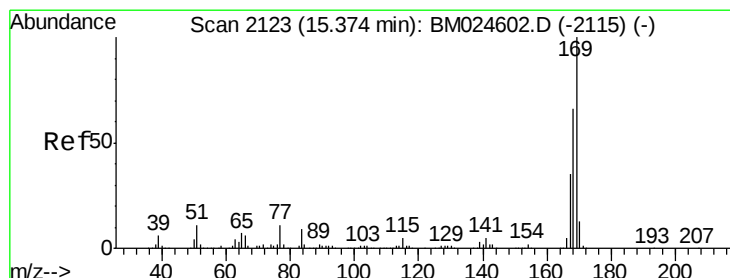
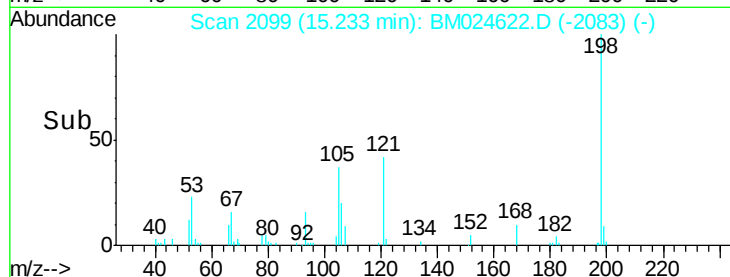
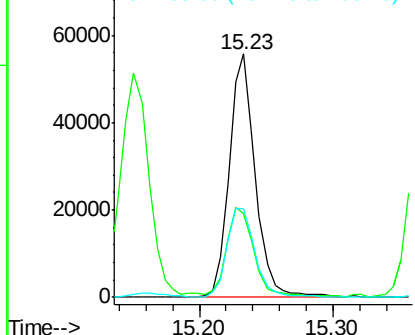
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.4	15.8	55.8
105	36.6	18.5	58.5

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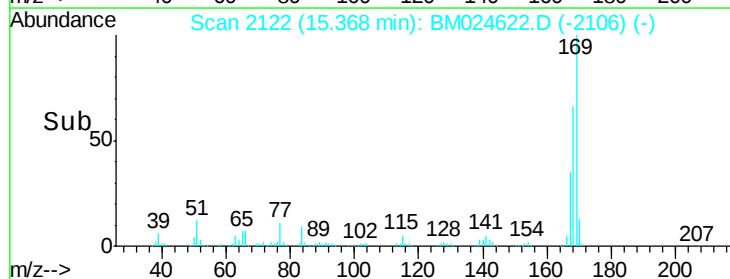
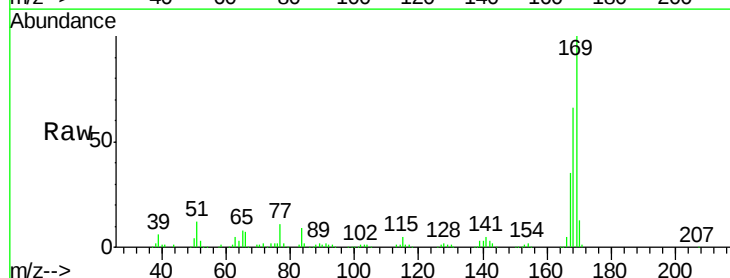
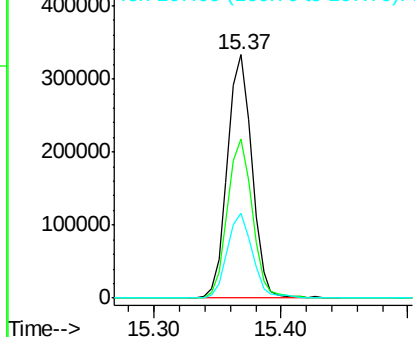
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM024622.D (-2093) (-)
Ion 105.00 (104.70 to 105.70): E

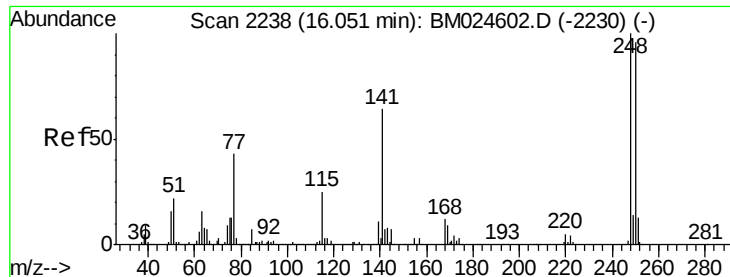


#66
n-Nitrosodiphenylamine
Concen: 10.371 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.8	79.2
167	34.7	28.2	42.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





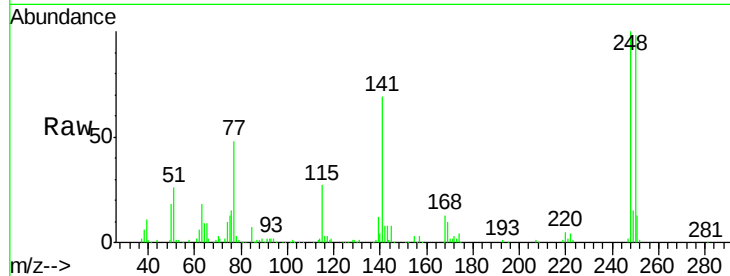
#67
4-Bromophenyl-phenylether
Concen: 10.356 ng
RT: 16.04 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

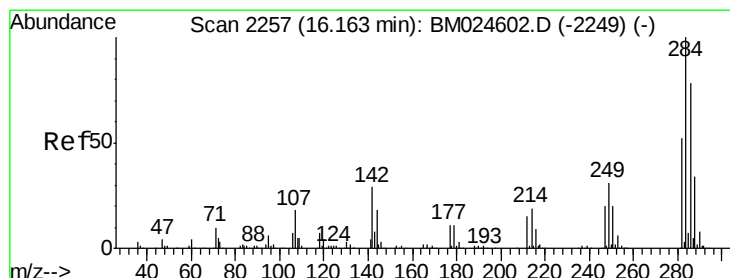
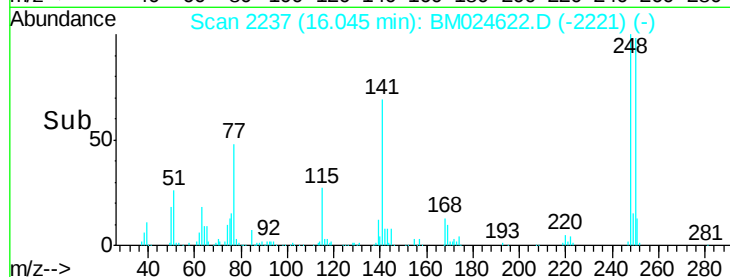
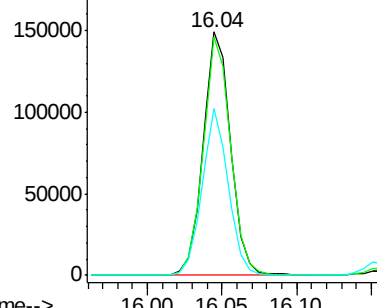
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.0	115.6
141	68.5	50.9	76.3

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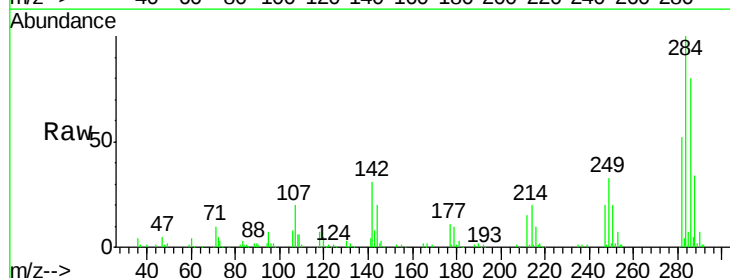


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

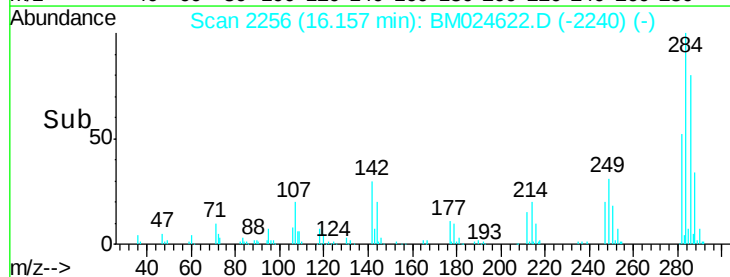
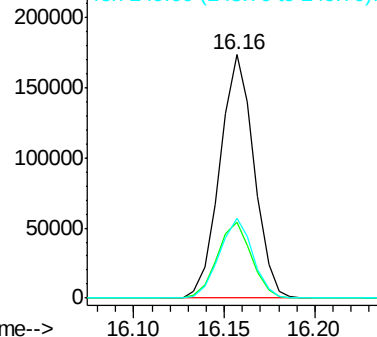


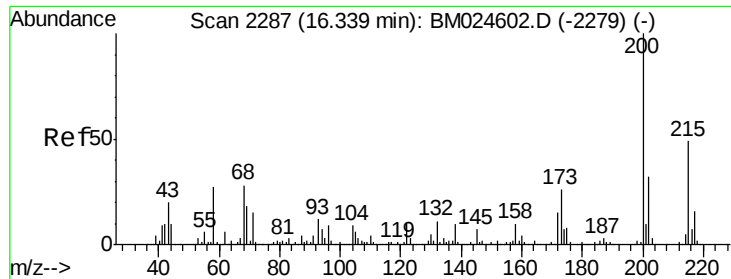
#68
Hexachlorobenzene
Concen: 10.632 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.5	35.3
249	33.0	24.6	36.8



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





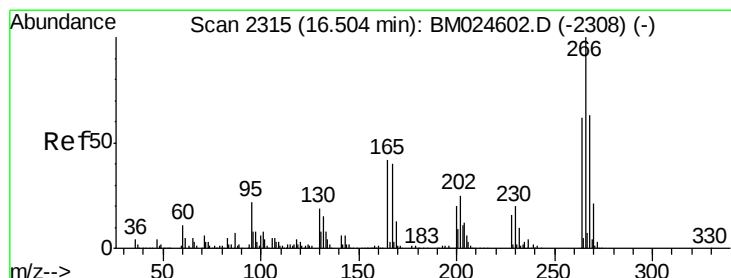
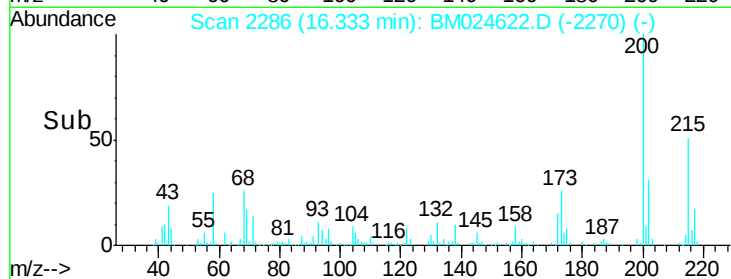
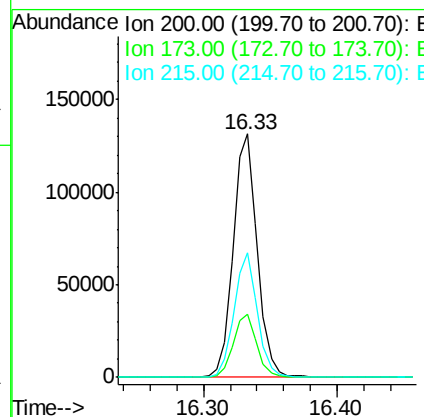
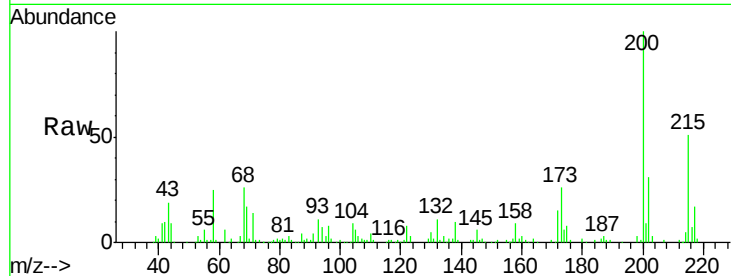
#69
Atrazine
Concen: 10.016 ng
RT: 16.33 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	165281		
173	25.7	5.5	45.5	
215	51.3	29.4	69.4	

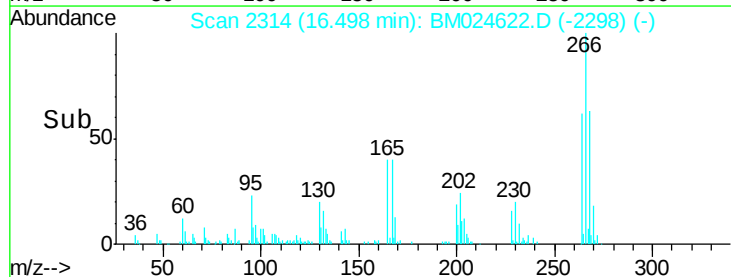
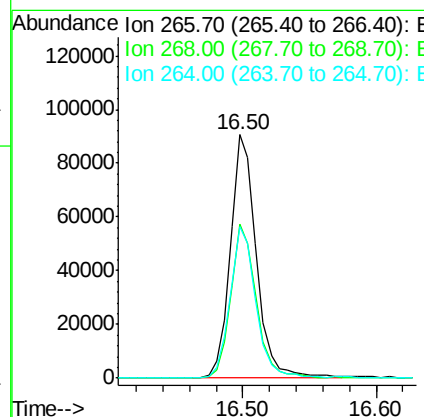
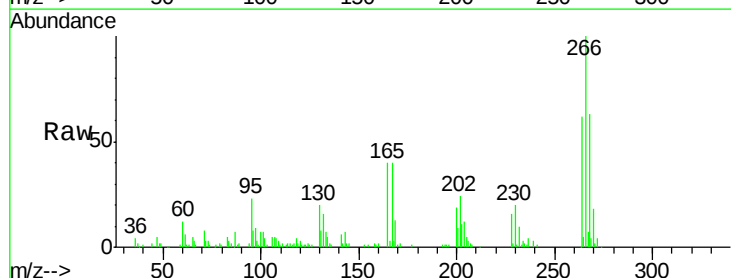
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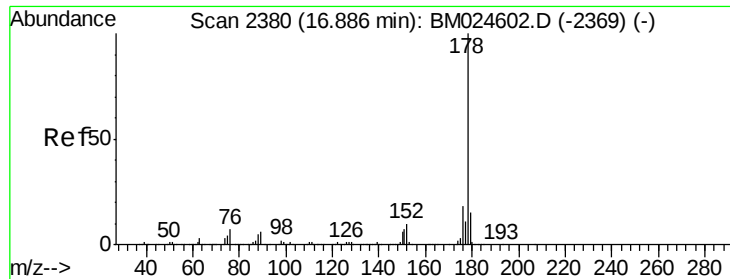
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#70
Pentachlorophenol
Concen: 9.567 ng
RT: 16.50 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	124463		
268	63.4	50.4	75.6	
264	62.1	49.9	74.9	





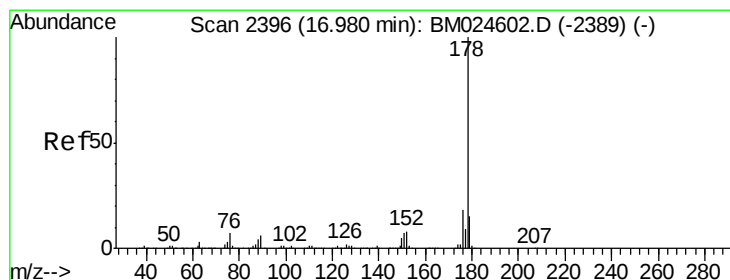
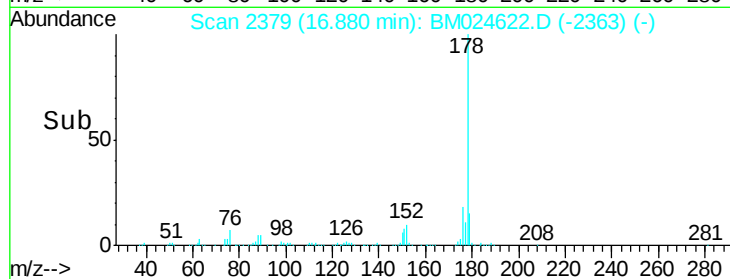
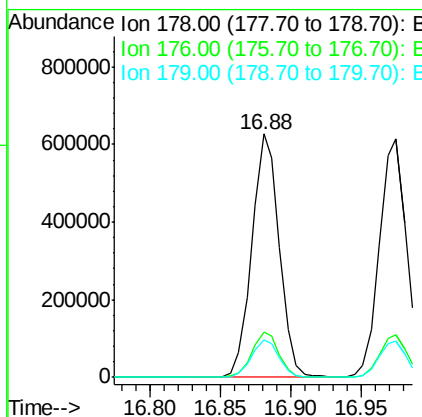
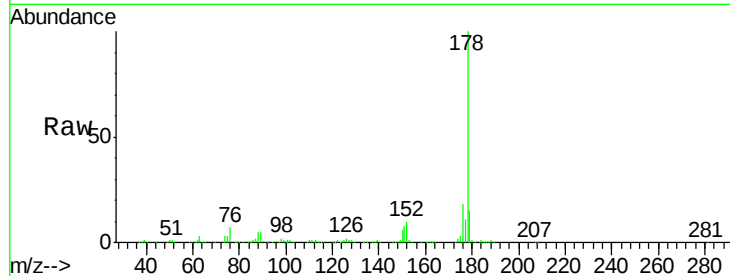
#71
Phenanthrene
Concen: 10.589 ng
RT: 16.88 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.3	11.9	17.9

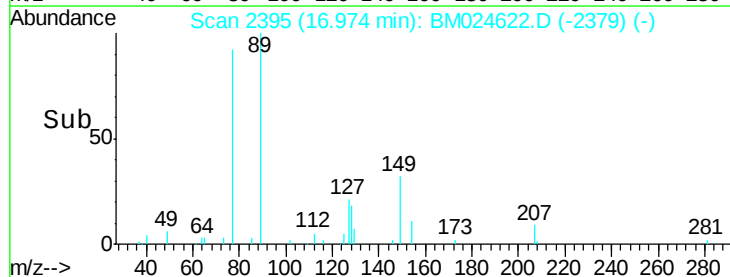
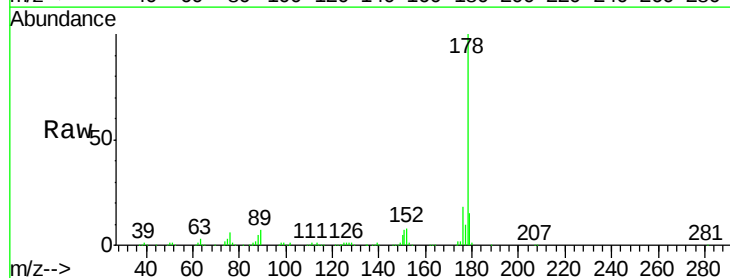
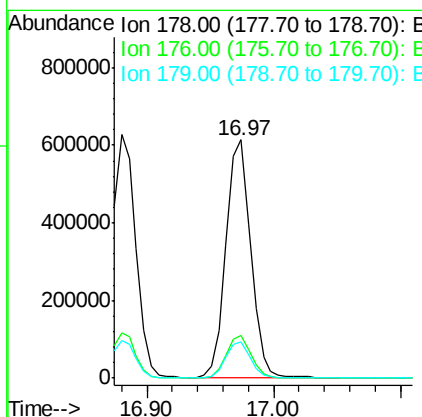
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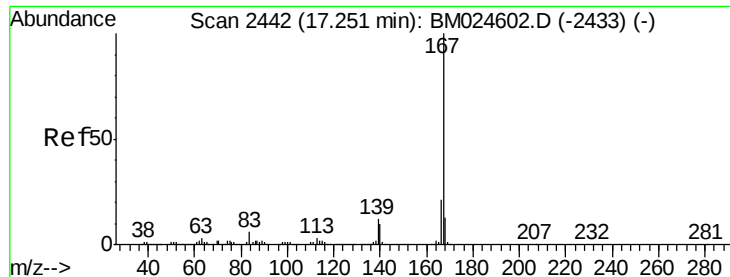
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#72
Anthracene
Concen: 10.464 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	15.1	12.1	18.1





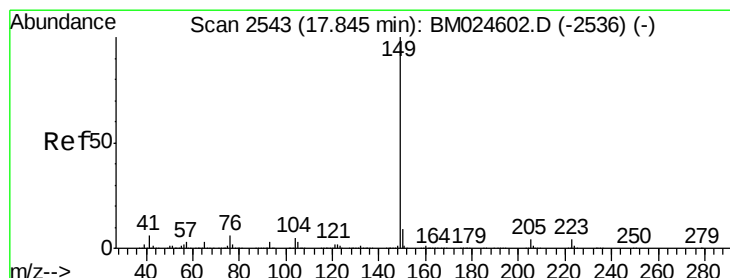
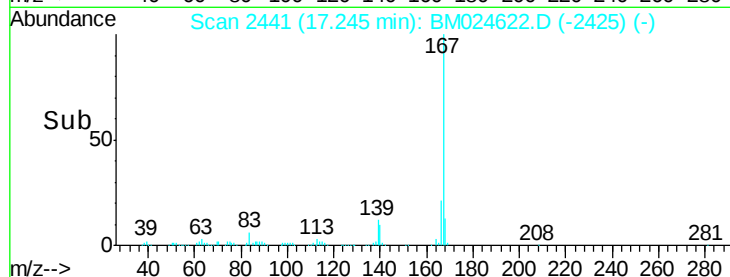
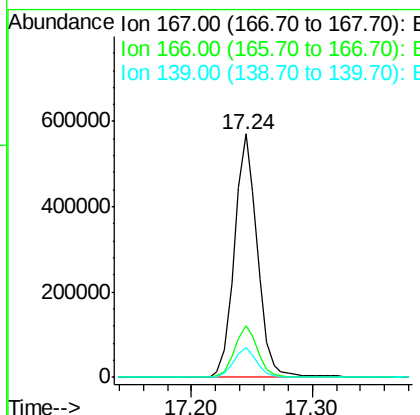
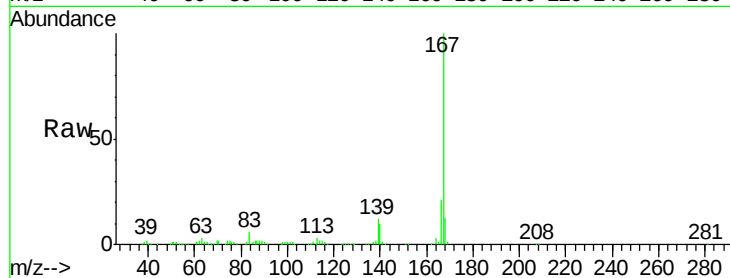
#73
 Carbazole
 Concen: 10.479 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.1	9.8	14.8

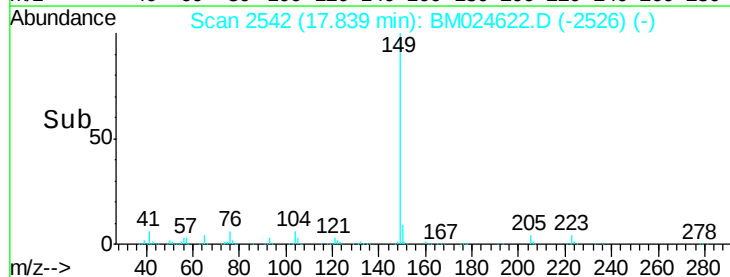
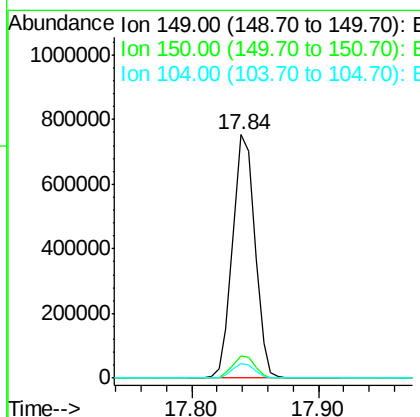
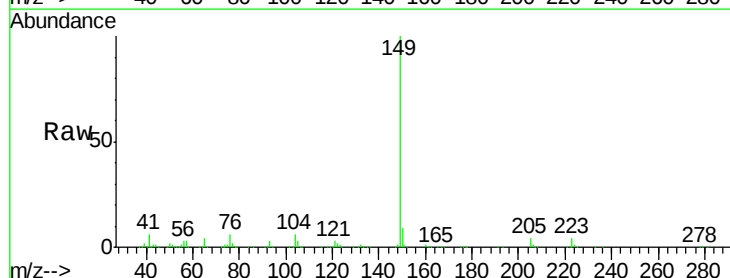
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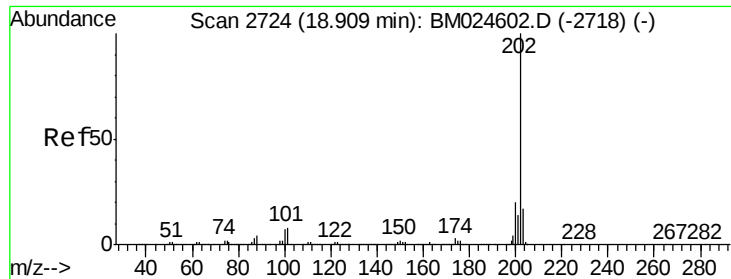
mohammad
 1/28/2020 8:13:16 AM



#74
 Di-n-butylphthalate
 Concen: 9.921 ng
 RT: 17.84 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BM024622.D
 Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.8	4.3	6.5





#75

Fluoranthene

Concen: 10.381 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

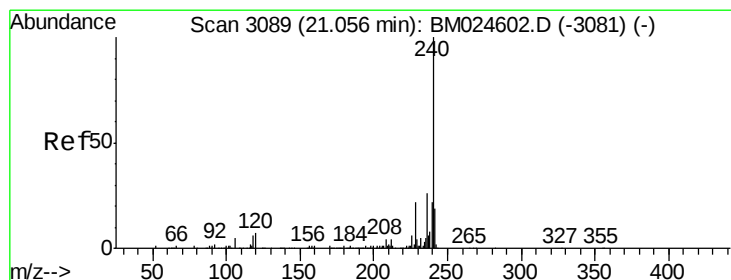
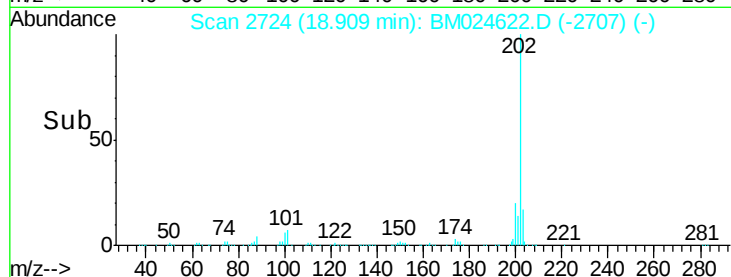
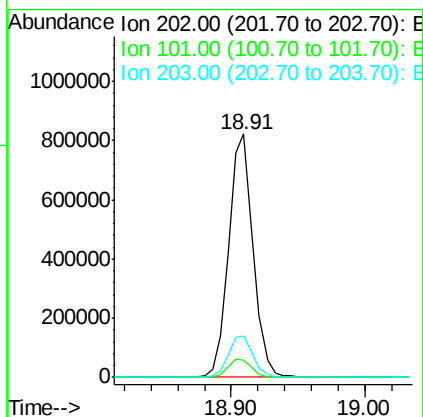
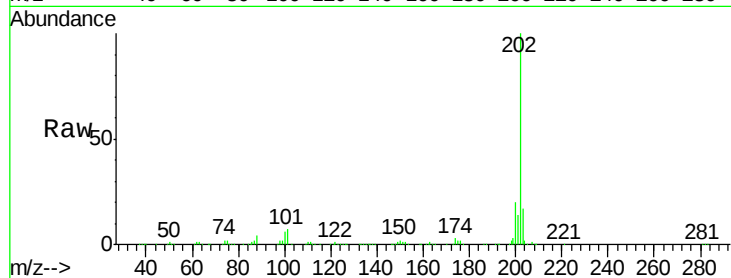
ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:	202	Resp:	1049989
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.4
203	16.9	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

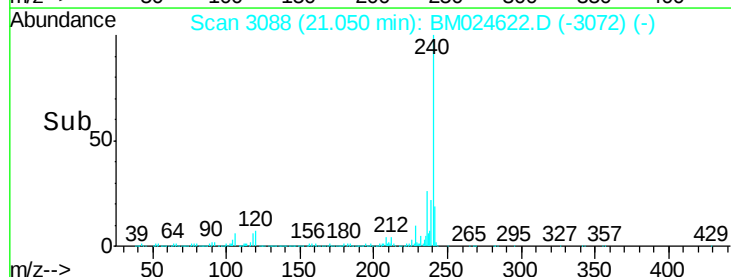
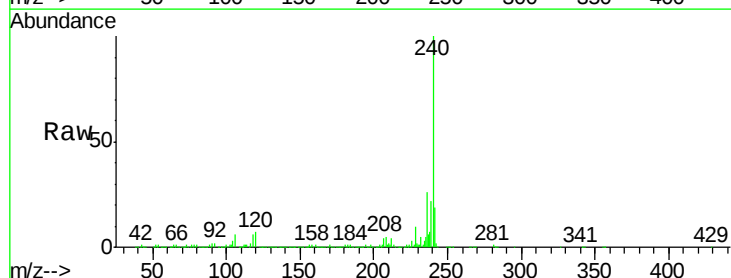
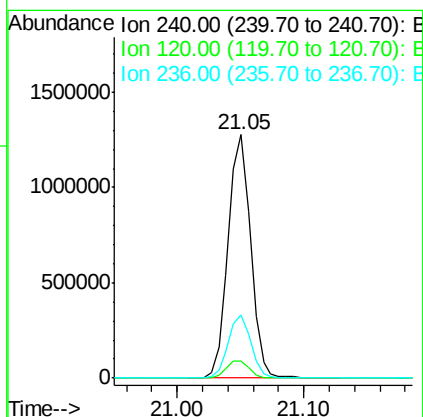
RT: 21.05 min Scan# 3088

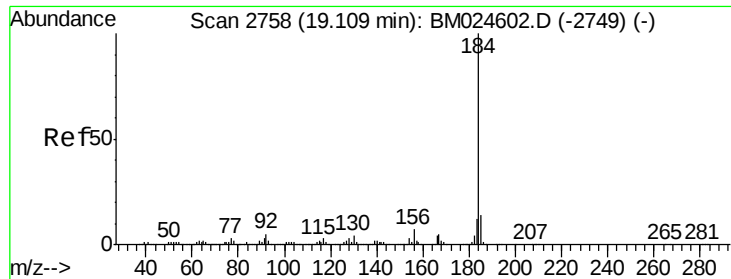
Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion:	240	Resp:	1577380
Ion Ratio	Lower	Upper	
240	100		
120	7.0	5.3	7.9
236	26.0	20.6	31.0





#77

Benzidine

Concen: 10.157 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

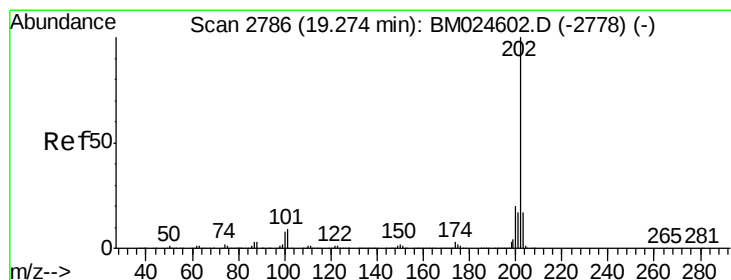
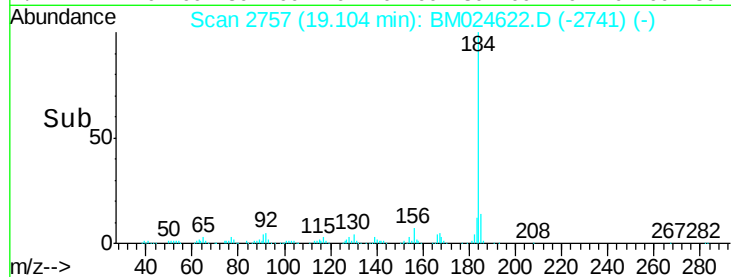
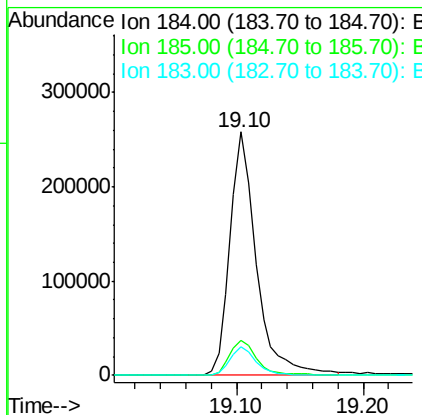
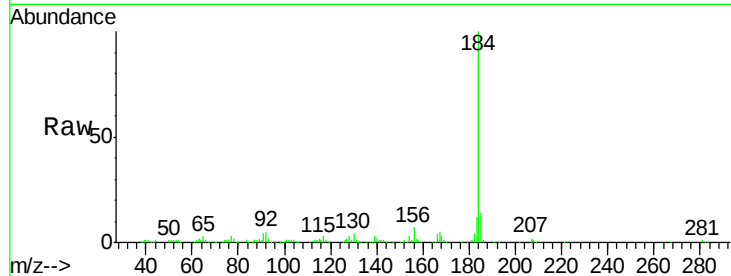
ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:	184	Resp:	373100
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.3	16.9
183	11.8	9.6	14.4

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#78

Pyrene

Concen: 10.628 ng

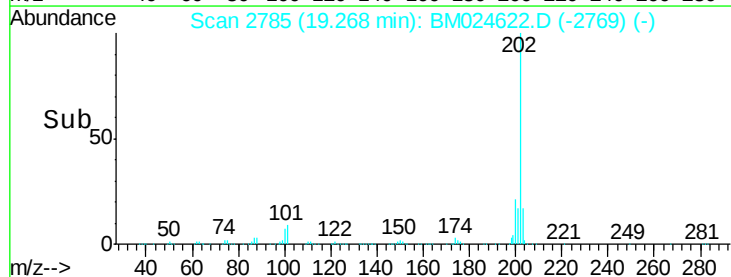
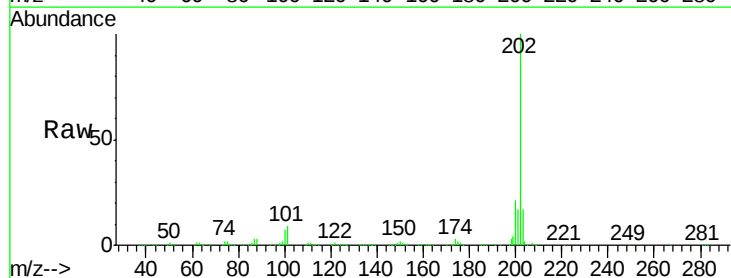
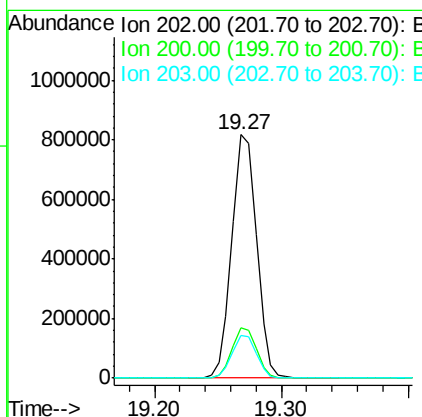
RT: 19.27 min Scan# 2785

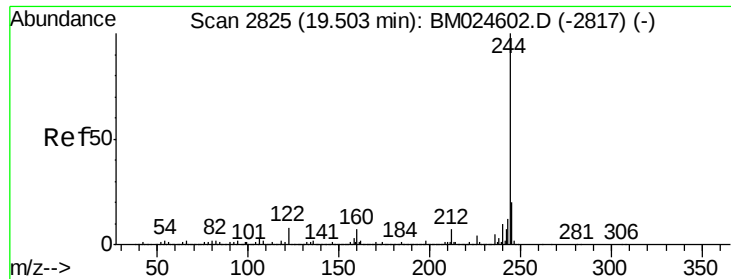
Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion:	202	Resp:	1105186
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.2	24.2
203	17.3	14.0	21.0





#79

Terphenyl-d14

Concen: 82.412 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:244 Resp: 6963137

Ion Ratio Lower Upper

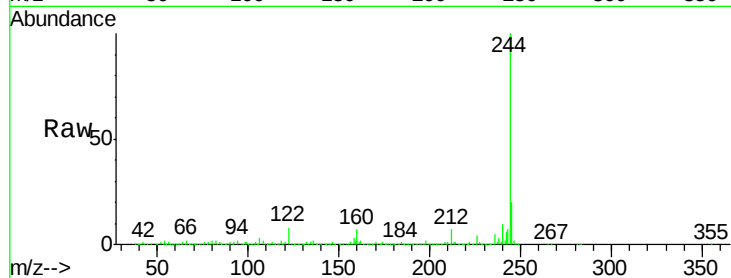
244 100

212 7.0 5.4 8.2

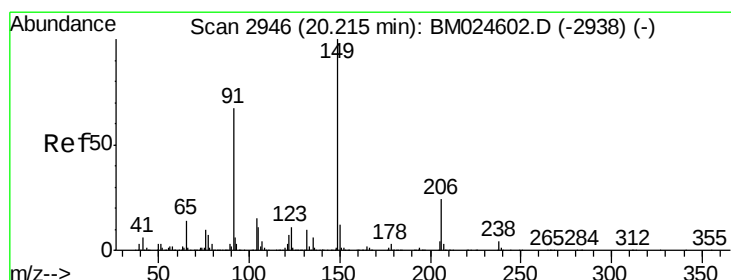
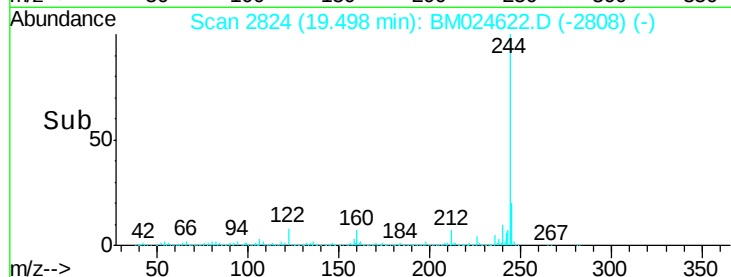
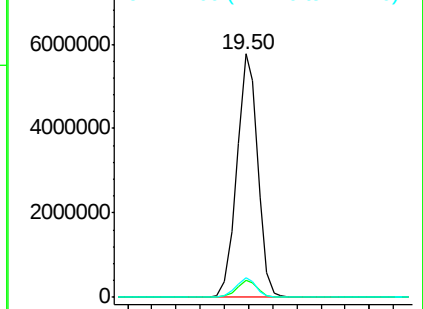
122 8.1 6.2 9.4

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Abundance Ion 244.00 (243.70 to 244.70): E
8000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.465 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

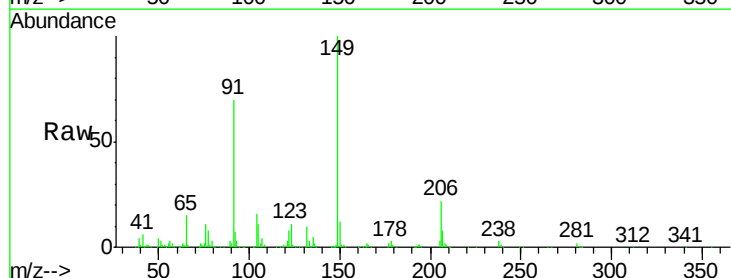
Tgt Ion:149 Resp: 412988

Ion Ratio Lower Upper

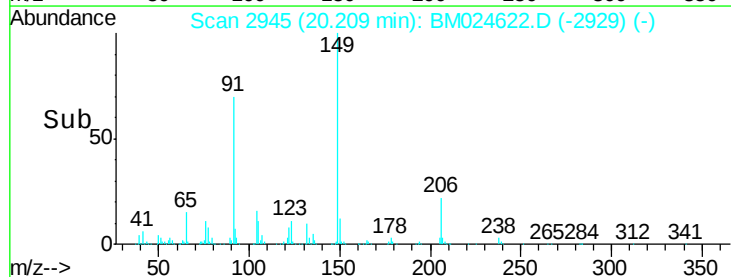
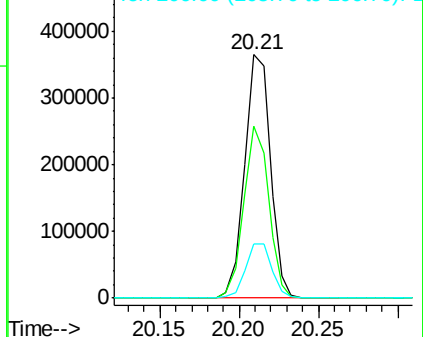
149 100

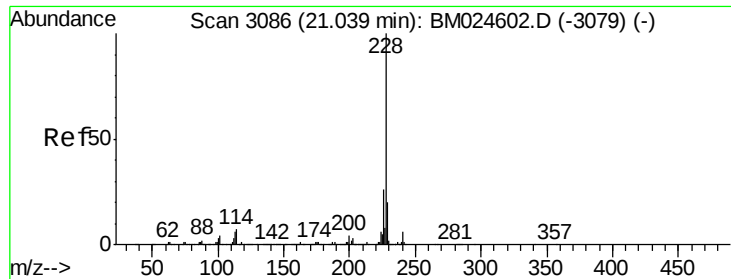
91 70.4 53.9 80.9

206 22.3 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.705 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:228 Resp: 1171984

Ion Ratio Lower Upper

228 100

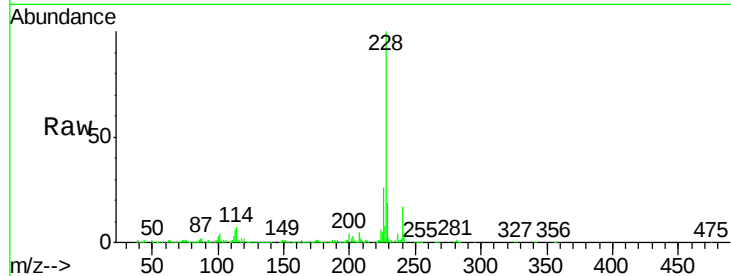
226 25.6 21.1 31.7

229 19.0 15.8 23.6

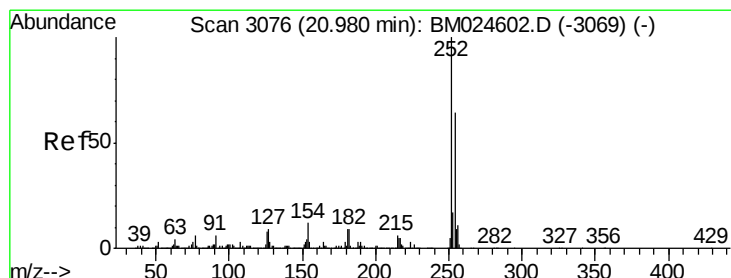
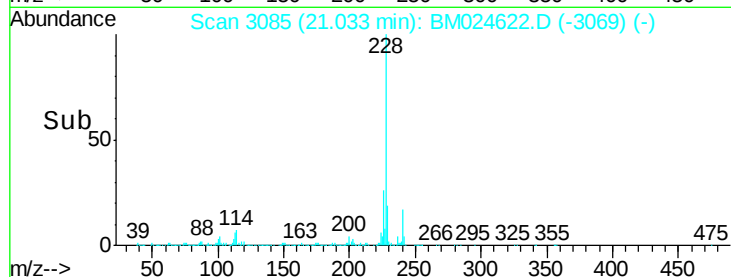
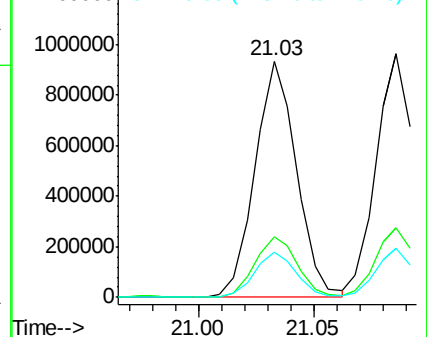
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.819 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

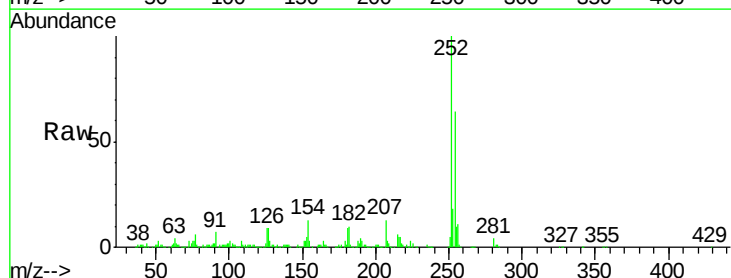
Tgt Ion:252 Resp: 386689

Ion Ratio Lower Upper

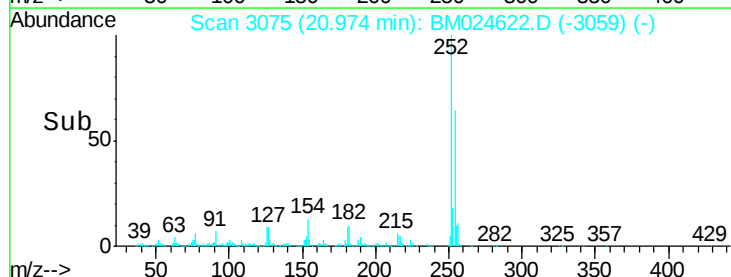
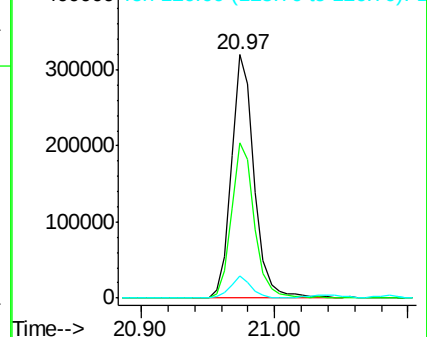
252 100

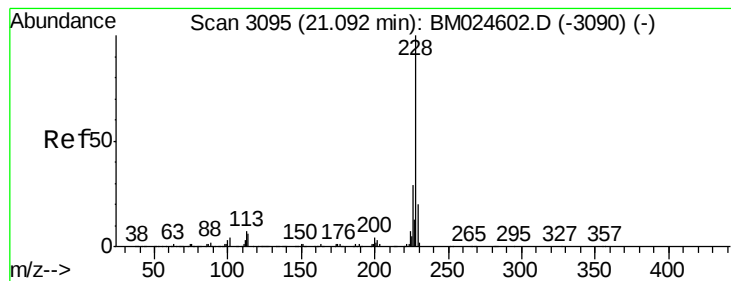
254 63.6 51.5 77.3

126 9.1 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: 10.687 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:228 Resp: 1116394

Ion Ratio Lower Upper

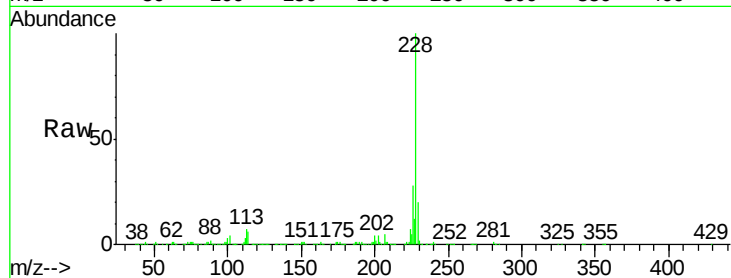
228 100

226 28.5 23.2 34.8

229 20.2 15.7 23.5

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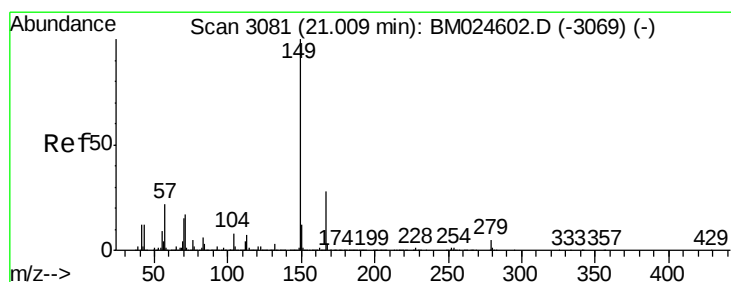
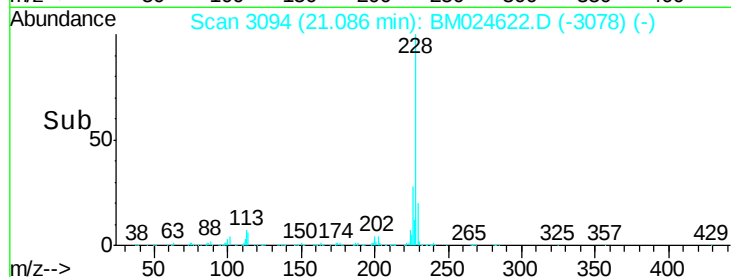
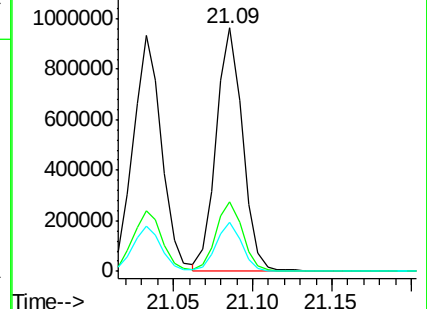
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.625 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

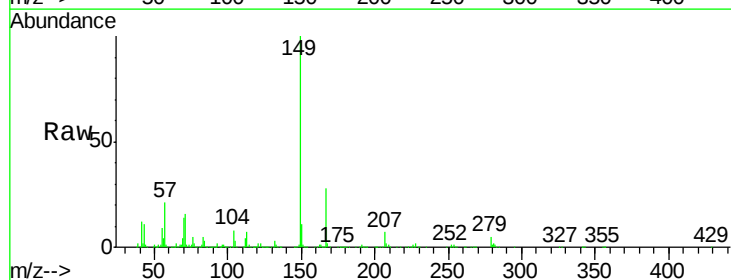
Tgt Ion:149 Resp: 619705

Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

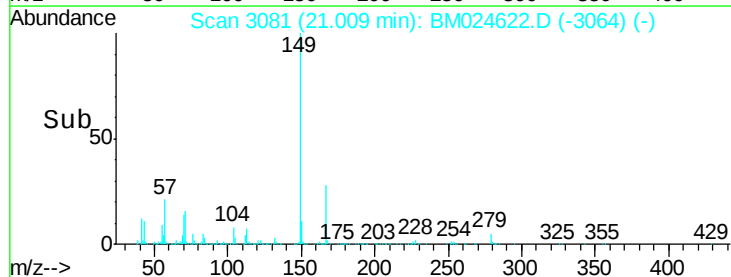
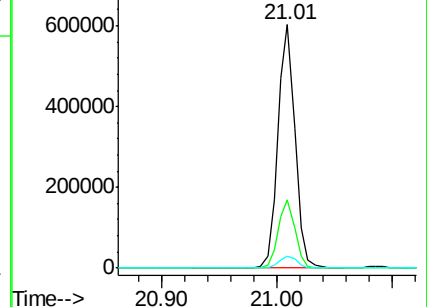
279 5.1 4.0 6.0

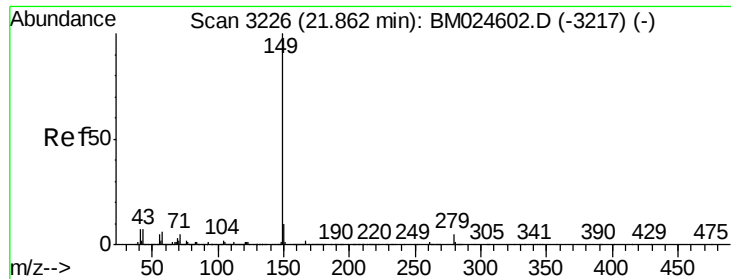


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 9.404 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

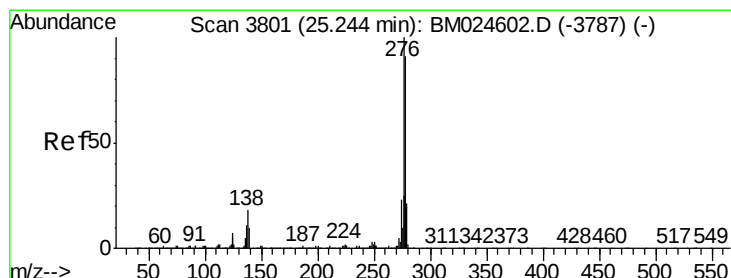
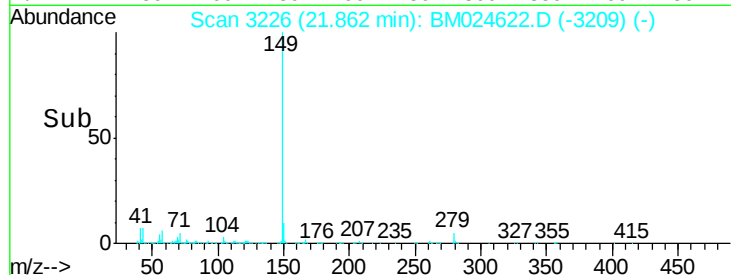
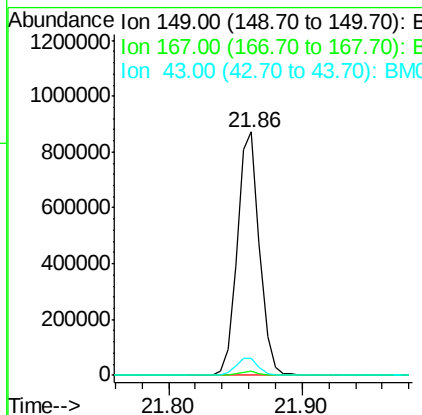
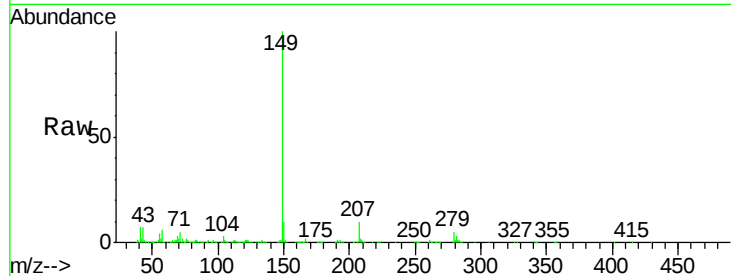
ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:	149	Resp:	1000322
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 10.271 ng

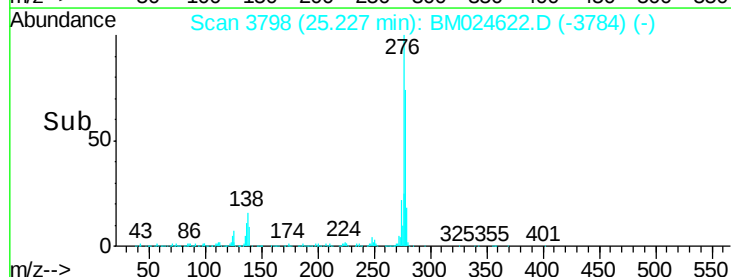
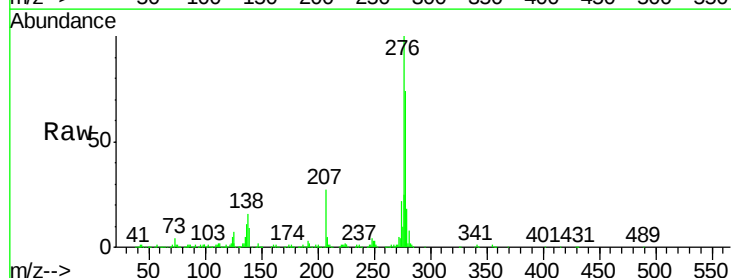
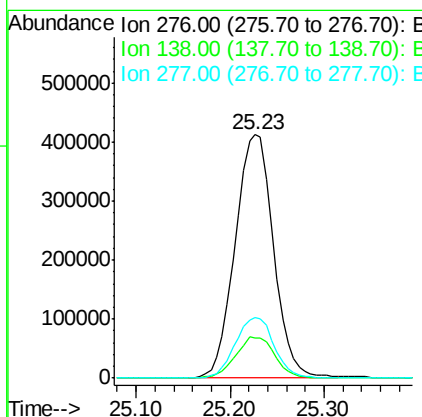
RT: 25.23 min Scan# 3798

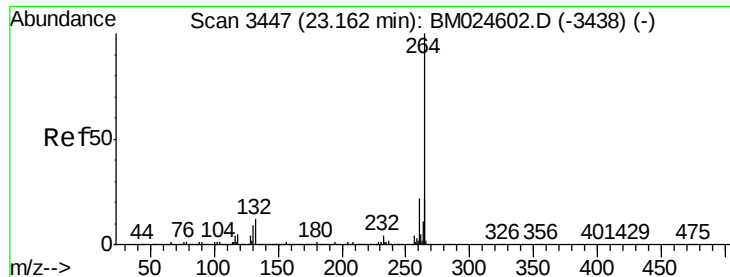
Delta R.T. -0.02 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Tgt Ion:	276	Resp:	1169440
Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.4	20.0
277	25.2	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.16 min Scan# 3447

Delta R.T. -0.00 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:264 Resp: 1745929

Ion Ratio Lower Upper

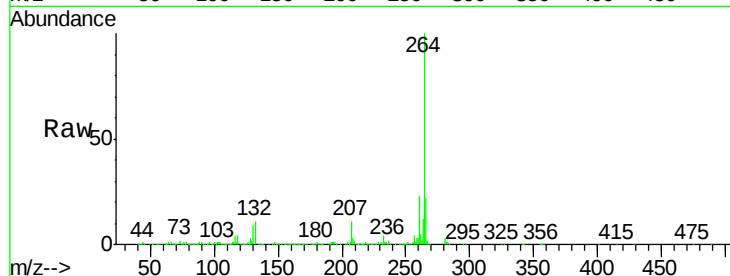
264 100

260 23.2 17.9 26.9

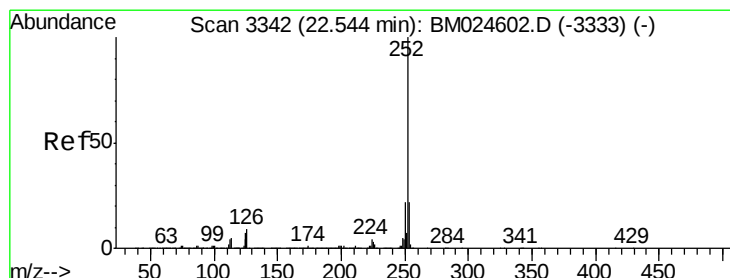
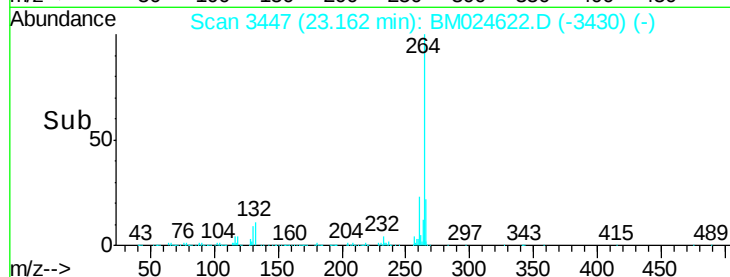
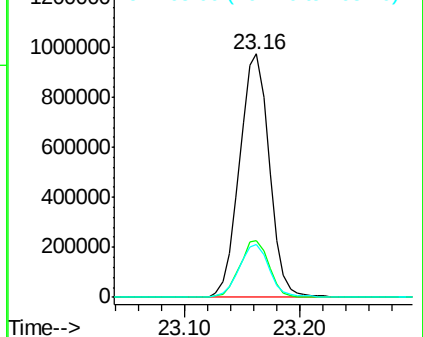
265 21.9 17.3 25.9

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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: 10.423 ng

RT: 22.54 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BM024622.D

Acq: 24 Jan 2020 16:07

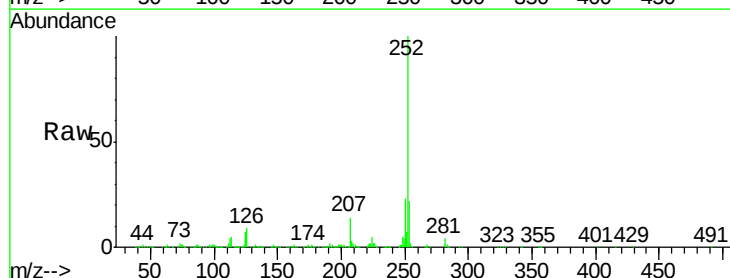
Tgt Ion:252 Resp: 1180308

Ion Ratio Lower Upper

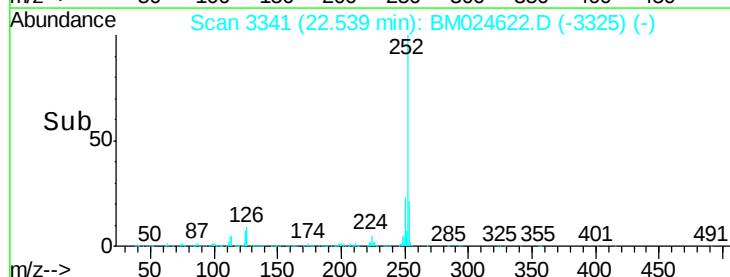
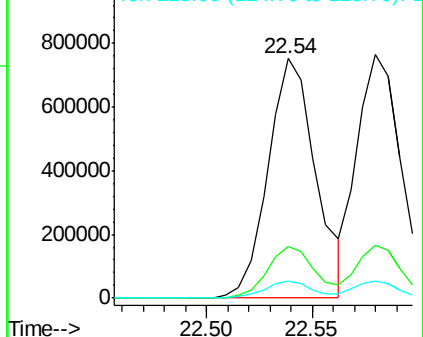
252 100

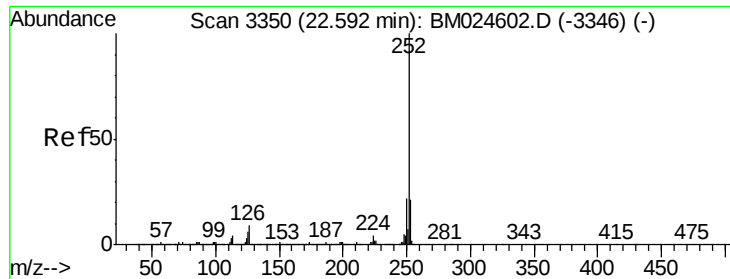
253 21.5 17.6 26.4

125 7.0 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





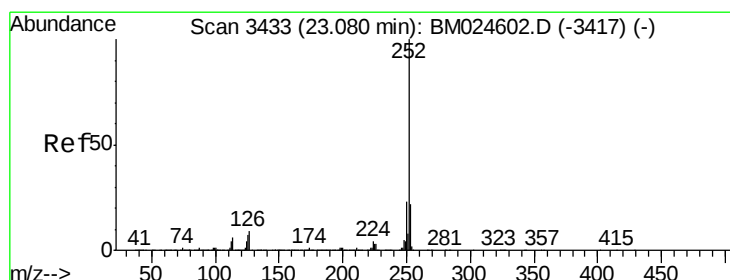
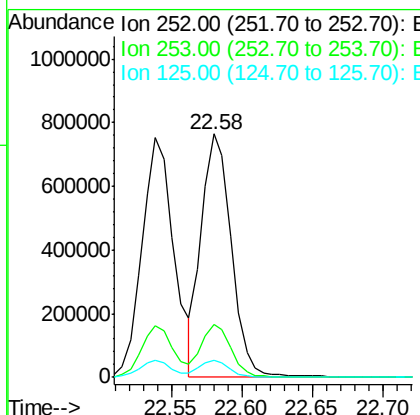
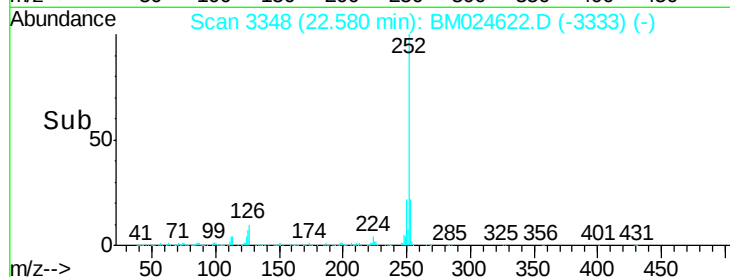
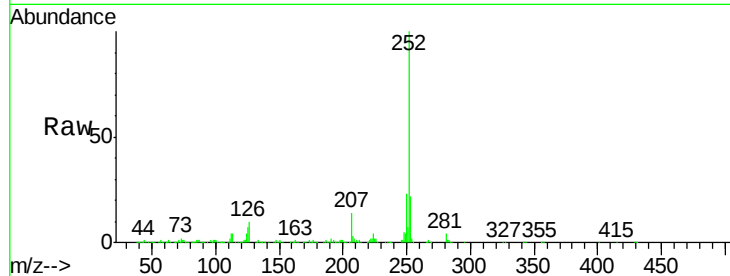
#89
Benzo(k)fluoranthene
Concen: 10.147 ng
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:252 Resp: 1121560
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.1 5.2 7.8

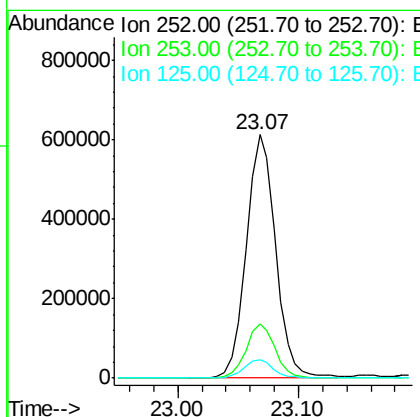
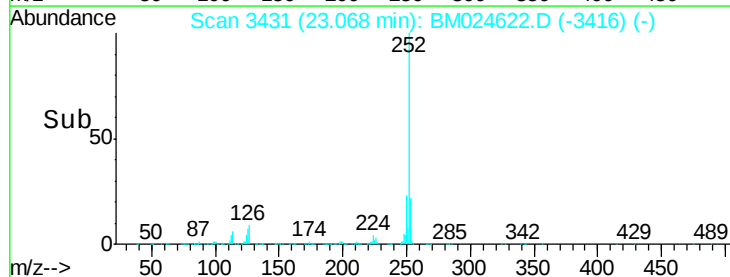
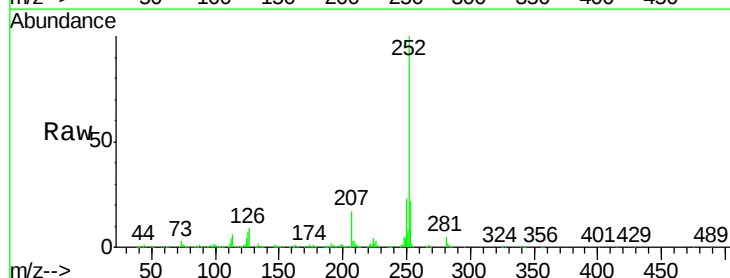
Manual Integrations
APPROVED

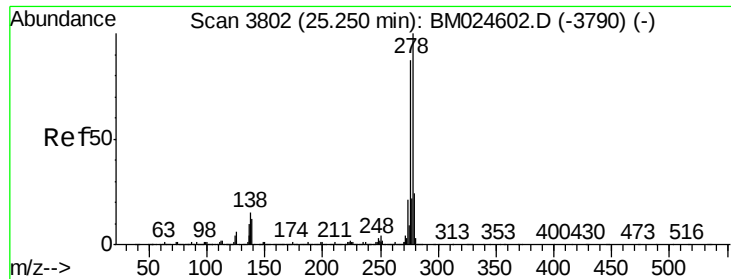
mohammad
1/28/2020 8:13:16 AM



#90
Benzo(a)pyrene
Concen: 10.069 ng
RT: 23.07 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion:252 Resp: 1036590
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 7.3 5.8 8.8





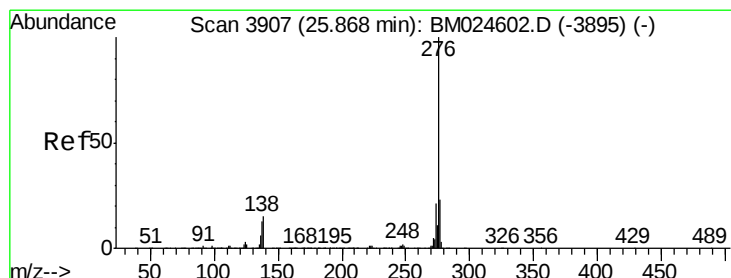
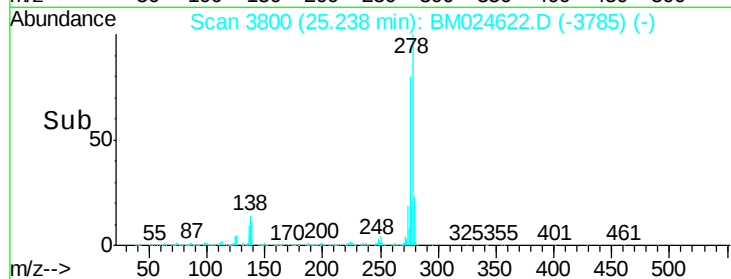
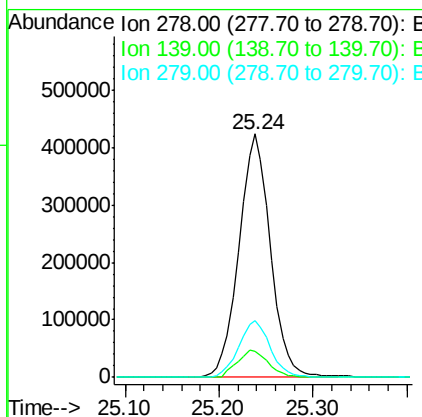
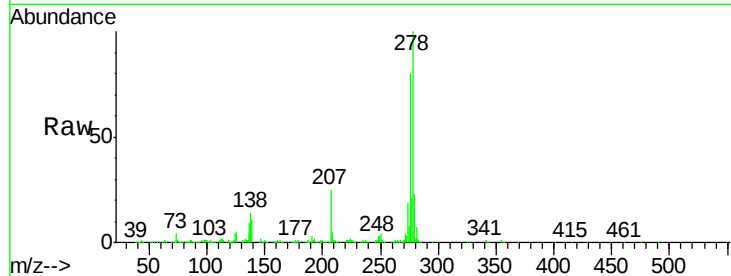
#91
Dibenzo(a,h)anthracene
Concen: 10.081 ng
RT: 25.24 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.3	13.9
279	23.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/28/2020 8:13:16 AM



#92
Benzo(g,h,i)perylene
Concen: 9.953 ng
RT: 25.84 min Scan# 3903
Delta R.T. -0.02 min
Lab File: BM024622.D
Acq: 24 Jan 2020 16:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	15.4	11.9	17.9

