

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\
 Data File : BM022738.D
 Acq On : 20 Sep 2019 22:44
 Operator : HP/JU
 Sample : K3591-08
 Misc : LOO-W-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Manual Integrations
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mohammad
 9/24/2019 8:35:05 AM

Quant Time: Sep 21 02:33:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 21 02:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	196558	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	799880	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	464769	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	906697	20.00	ng	0.00
76) Chrysene-d12	21.37	240	855744	20.00	ng	-0.01
87) Perylene-d12	23.64	264	885229	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1420962	114.65	ng	0.00
7) Phenol-d6	6.99	99	1838084	115.47	ng	0.00
23) Nitrobenzene-d5	8.97	82	1113157	77.25	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	674460	116.25	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2588560	76.70	ng	0.00
79) Terphenyl-d14	19.82	244	3625577	82.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	52202	10.468	ng	# 100
3) Pyridine	3.73	79	115700	8.802	ng	96
4) n-Nitrosodimethylamine	3.63	42	44238	9.245	ng	# 89
6) Aniline	7.15	93	186646	9.779	ng	98
8) 2-Chlorophenol	7.39	128	126359	10.007	ng	97
9) Benzaldehyde	6.96	77	108124	11.929	ng	98
10) Phenol	7.01	94	153110	10.217	ng	95
11) bis(2-Chloroethyl)ether	7.25	93	116107	9.861	ng	99
12) 1,3-Dichlorobenzene	7.72	146	142968	9.473	ng	99
13) 1,4-Dichlorobenzene	7.86	146	144637	9.467	ng	99
14) 1,2-Dichlorobenzene	8.17	146	139207	9.557	ng	99
15) Benzyl Alcohol	8.06	79	95341	9.572	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	169282	9.897	ng	100
17) 2-Methylphenol	8.26	107	95355	9.613	ng	98
18) Hexachloroethane	8.90	117	52365	9.344	ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	88157	9.918	ng	98
20) 3+4-Methylphenols	8.59	107	127347	9.639	ng	98
22) Acetophenone	8.64	105	182599	9.248	ng	# 99
24) Nitrobenzene	9.02	77	139602	10.126	ng	99
25) Isophorone	9.55	82	225980	9.538	ng	100
26) 2-Nitrophenol	9.73	139	48041	8.072	ng	97
27) 2,4-Dimethylphenol	9.79	122	99446	9.981	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	156341	9.536	ng	99
29) 2,4-Dichlorophenol	10.26	162	101735	9.031	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	128944	9.303	ng	99
31) Naphthalene	10.66	128	393220	9.949	ng	100
32) Benzoic acid	9.86	122	35671m	5.562	ng	
33) 4-Chloroaniline	10.77	127	160968	9.380	ng	99
34) Hexachlorobutadiene	10.96	225	72322	8.753	ng	98
35) Caprolactam	11.55	113	27704m	8.295	ng	
36) 4-Chloro-3-methylphenol	11.89	107	101504	9.235	ng	100
37) 2-Methylnaphthalene	12.28	142	271048	9.852	ng	100
38) 1-Methylnaphthalene	12.50	142	254170	9.733	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	135301	8.591	ng	99

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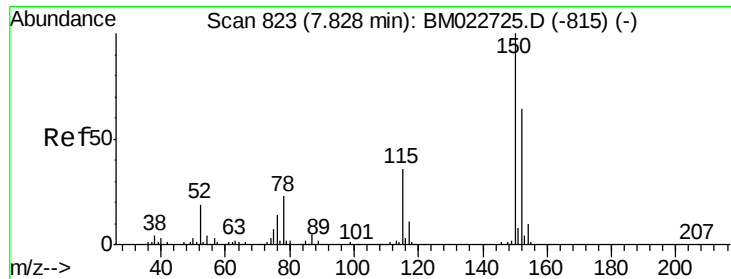
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Quant Time: Sep 21 02:33:52 2019
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 QLast Update : Sat Sep 21 02:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	78727	9.162	nq	98
43) 2,4,6-Trichlorophenol	12.89	196	73542	8.091	nq	99
44) 2,4,5-Trichlorophenol	12.96	196	81840	8.640	nq	98
46) 1,1'-Biphenyl	13.29	154	344394	8.953	nq	99
47) 2-Chloronaphthalene	13.33	162	270473	9.434	nq	100
48) 2-Nitroaniline	13.53	65	58355	7.817	nq	94
49) Acenaphthylene	14.18	152	404612	9.530	nq	100
50) Dimethylphthalate	13.91	163	307711	9.161	nq	100
51) 2,6-Dinitrotoluene	14.02	165	62083	8.837	nq	95
52) Acenaphthene	14.52	154	257565	9.273	nq	100
53) 3-Nitroaniline	14.35	138	62514	7.729	nq	# 95
54) 2,4-Dinitrophenol	14.56	184	19871	5.990	nq	99
55) Dibenzofuran	14.86	168	403619	9.954	nq	99
56) 4-Nitrophenol	14.65	139	48590	7.816	nq	94
57) 2,4-Dinitrotoluene	14.81	165	71299	7.747	nq	91
58) Fluorene	15.50	166	315769	9.583	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	69403	8.402	nq	97
60) Diethylphthalate	15.27	149	292868	8.967	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	157743	9.317	nq	97
62) 4-Nitroaniline	15.51	138	66790	7.877	nq	97
63) Azobenzene	15.79	77	278846	9.455	nq	98
65) 4,6-Dinitro-2-methylphenol	15.57	198	31220	7.352	nq	99
66) n-Nitrosodiphenylamine	15.71	169	262552	9.479	nq	99
67) 4-Bromophenyl-phenylether	16.39	248	89229	8.848	nq	99
68) Hexachlorobenzene	16.51	284	105258	8.950	nq	98
69) Atrazine	16.66	200	73921	8.209	nq	98
70) Pentachlorophenol	16.84	266	47786	7.619	nq	99
71) Phenanthrene	17.23	178	493043	9.637	nq	99
72) Anthracene	17.33	178	466313	9.405	nq	100
73) Carbazole	17.59	167	427523	9.266	nq	100
74) Di-n-butylphthalate	18.16	149	410984	7.856	nq	99
75) Fluoranthene	19.25	202	522414	9.049	nq	98
77) Benzidine	19.43	184	209280	8.915	nq	99
78) Pyrene	19.61	202	548979	9.789	nq	99
80) Butylbenzylphthalate	20.51	149	157771	7.402	nq	93
81) Benzo(a)anthracene	21.35	228	524163	9.451	nq	99
82) 3,3'-Dichlorobenzidine	21.29	252	170617	8.675	nq	99
83) Chrysene	21.40	228	520529	9.681	nq	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	238642	7.557	nq	98
85) Di-n-octyl phthalate	22.17	149	356711	7.087	nq	97
86) Indeno(1,2,3-cd)pyrene	25.94	276	558508	8.703	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	511131	9.536	nq	99
89) Benzo(k)fluoranthene	23.00	252	491018	9.233	nq	99
90) Benzo(a)pyrene	23.54	252	464032	9.396	nq	98
91) Dibenzo(a,h)anthracene	25.96	278	474713	9.189	nq	99
92) Benzo(g,h,i)perylene	26.65	276	455928	9.292	nq	99

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



#1

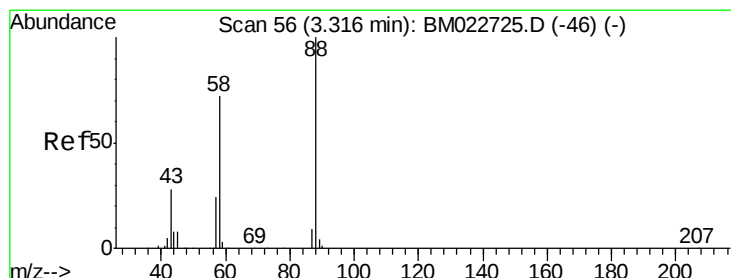
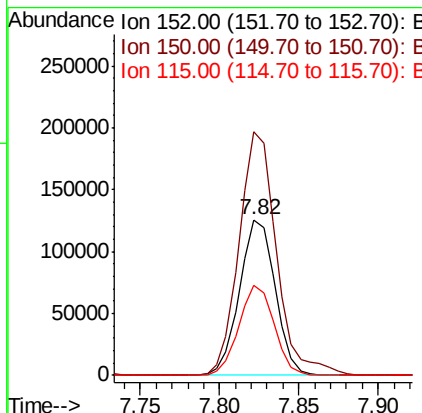
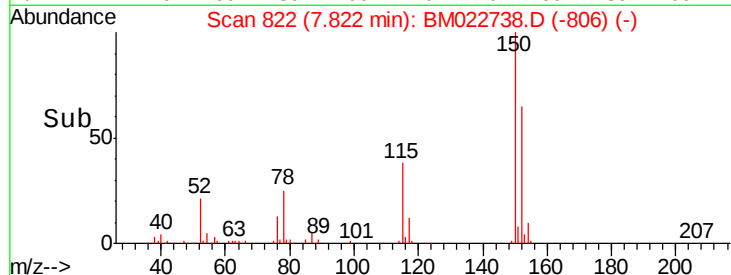
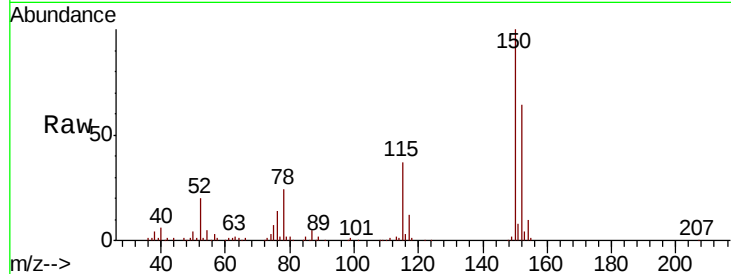
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.5	186.7
115	57.5	45.0	67.4

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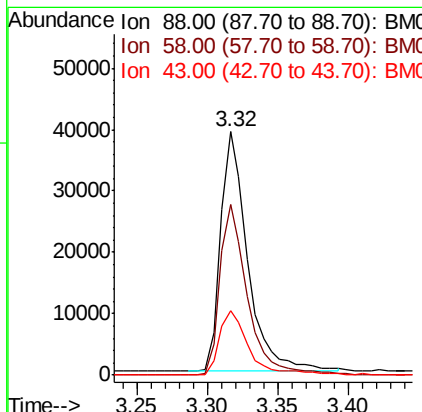
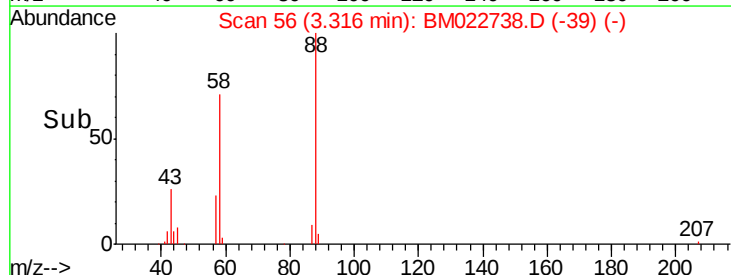
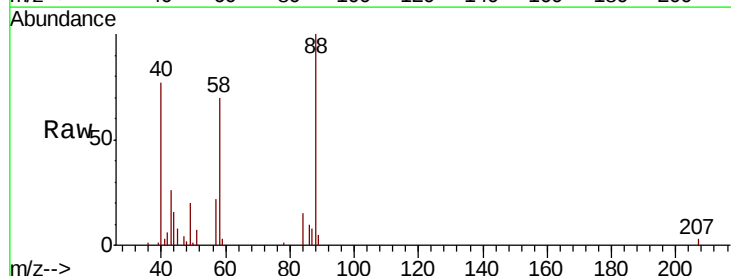
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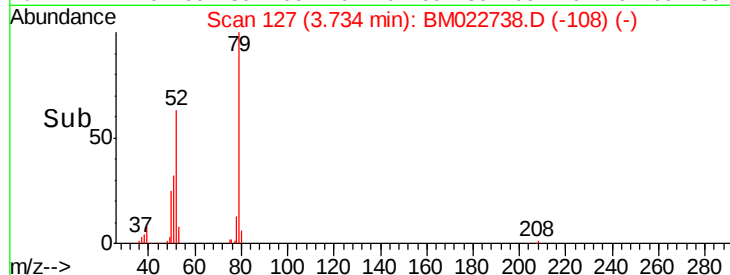
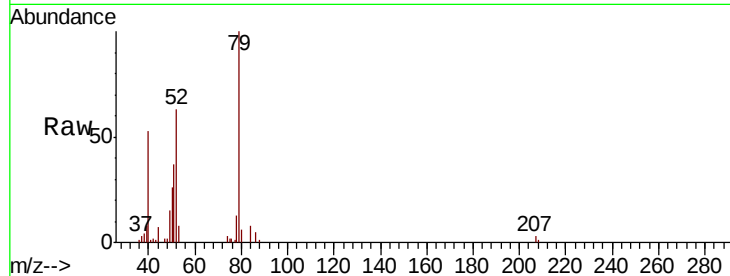
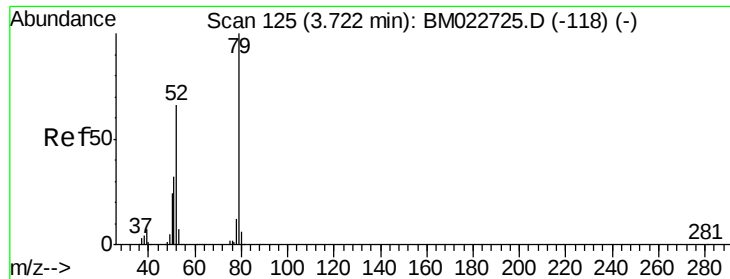


#2

1,4-Dioxane
Concen: 10.468 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	0.0	0.0#
43	29.3	0.0	0.0#





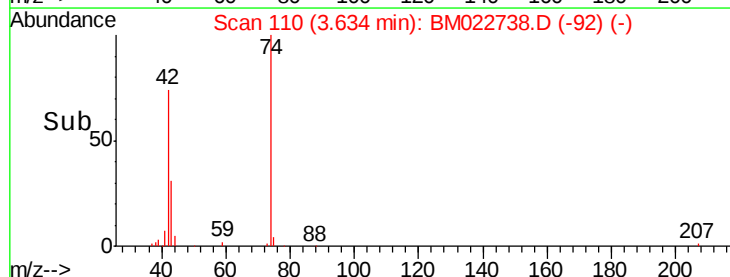
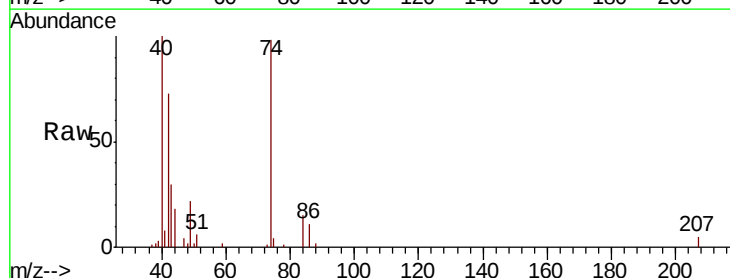
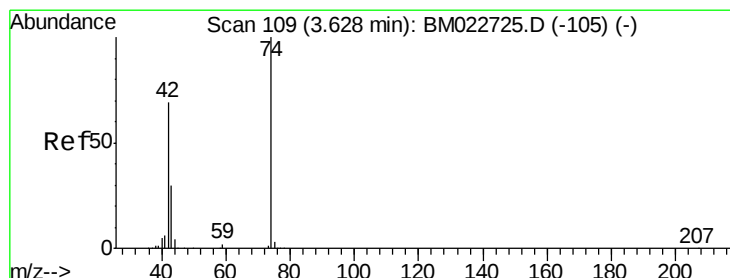
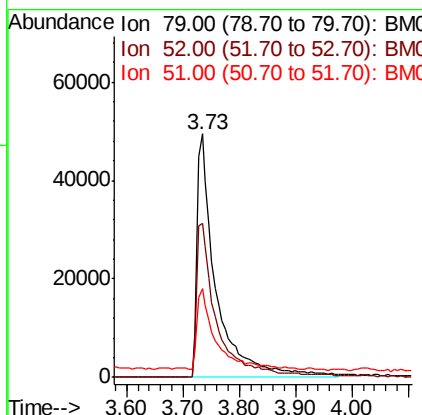
#3
 Pvridine
 Concen: 8.802 ng
 RT: 3.73 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	63.0		52.4	78.6
51	36.6		26.2	39.4

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

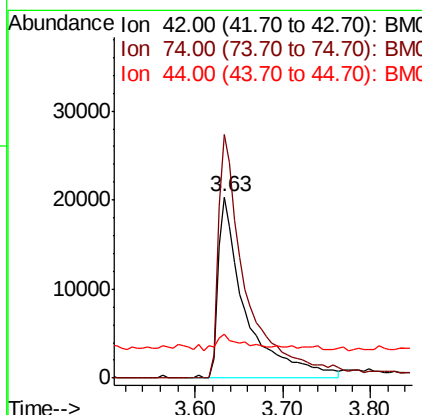
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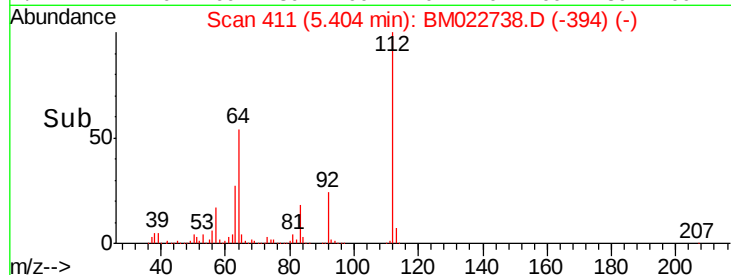
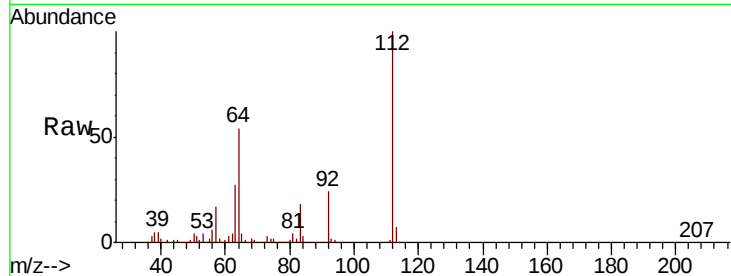
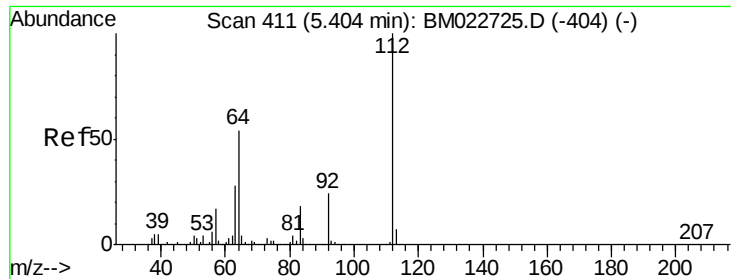
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#4
 n-Nitrosodimethylamine
 Concen: 9.245 ng
 RT: 3.63 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	134.6		116.6	175.0
44	24.1		8.2	12.4#





#5

2-Fluorophenol

Concen: 114.653 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

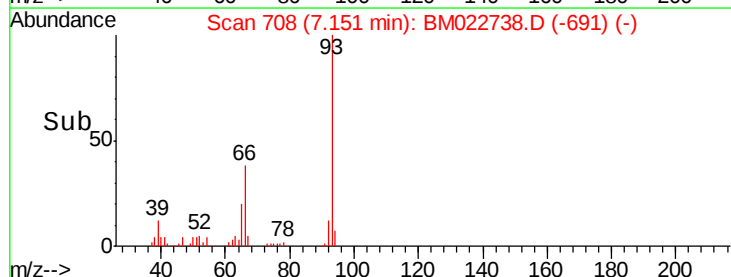
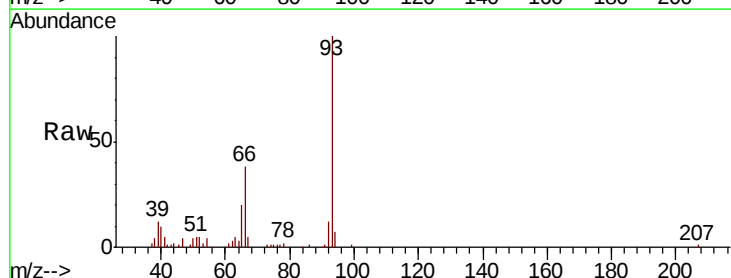
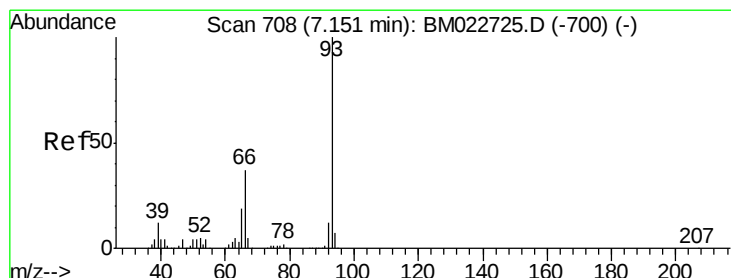
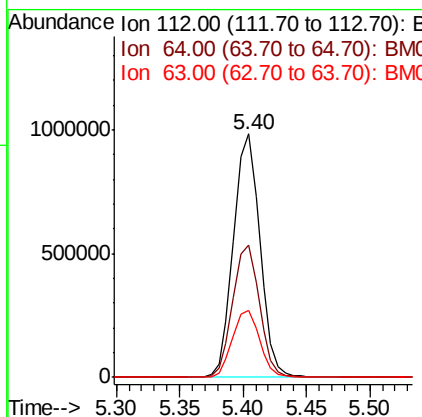
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	112	Resp:	1420962
Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.4	65.2
63	27.3	22.1	33.1

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#6

Aniline

Concen: 9.779 ng

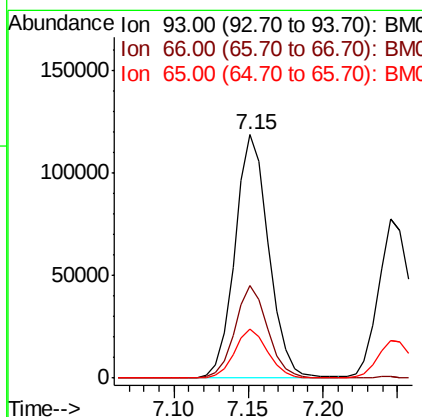
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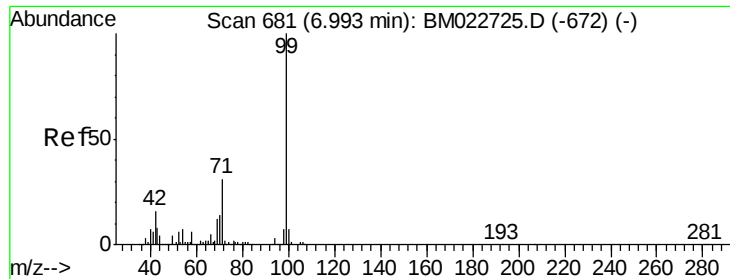
Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	93	Resp:	186646
Ion	Ratio	Lower	Upper
93	100		
66	38.0	29.3	43.9
65	20.2	15.3	22.9





#7

Phenol-d6

Concen: 115.471 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion: 99 Resp: 1838084

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

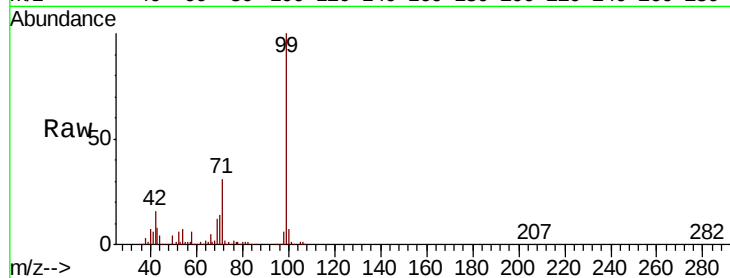
71 31.2 24.7 37.1

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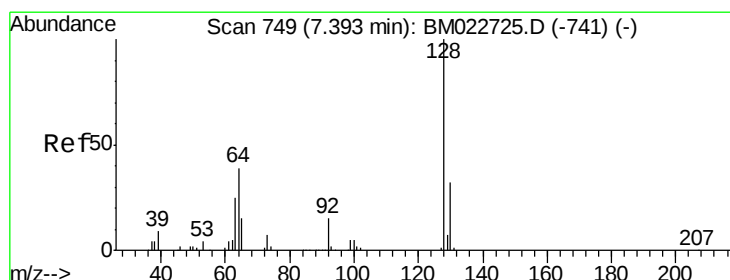
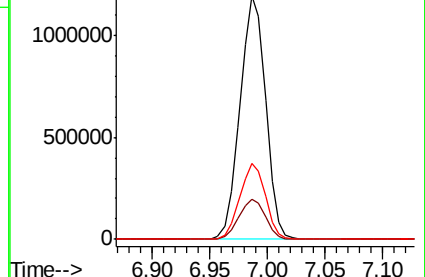
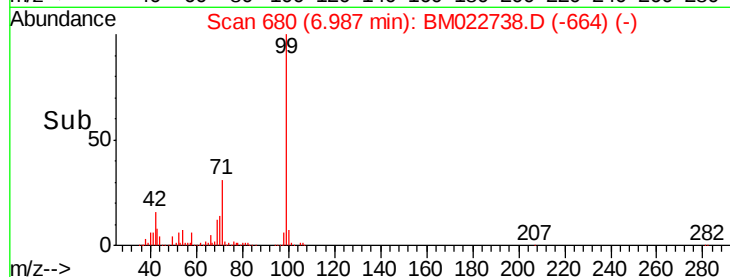


Abundance Ion 99.00 (98.70 to 99.70): BM022725.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM022725.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM022725.D (-672) (-)

Time-->



#8

2-Chlorophenol

Concen: 10.007 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

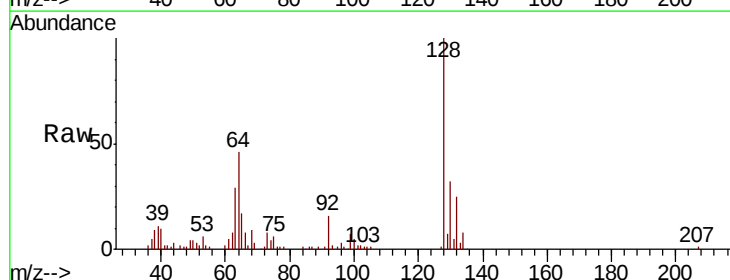
Tgt Ion: 128 Resp: 126359

Ion Ratio Lower Upper

128 100

130 32.3 12.1 52.1

64 46.0 22.9 62.9

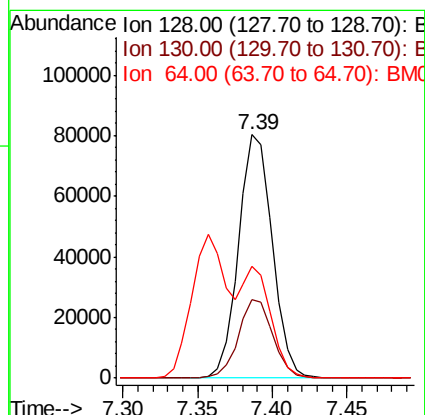
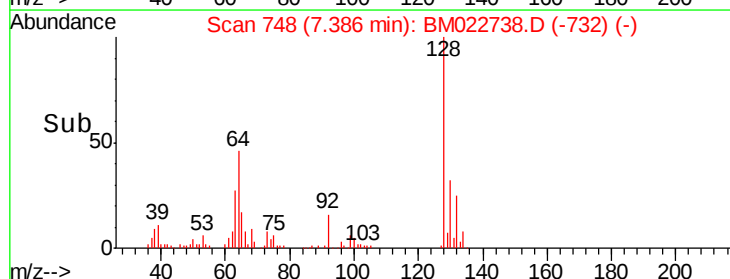


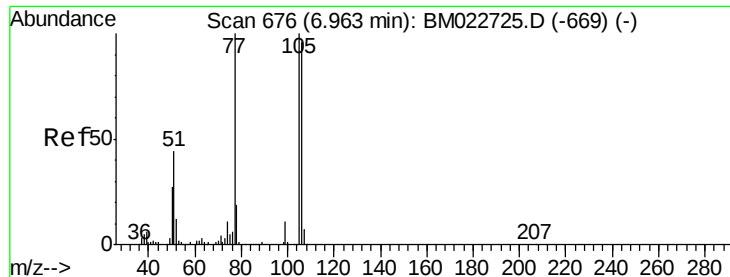
Abundance Ion 128.00 (127.70 to 128.70): BM022725.D (-741) (-)

Ion 130.00 (129.70 to 130.70): BM022725.D (-741) (-)

Ion 64.00 (63.70 to 64.70): BM022725.D (-741) (-)

Time-->





#9

Benzaldehyde

Concen: 11.929 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

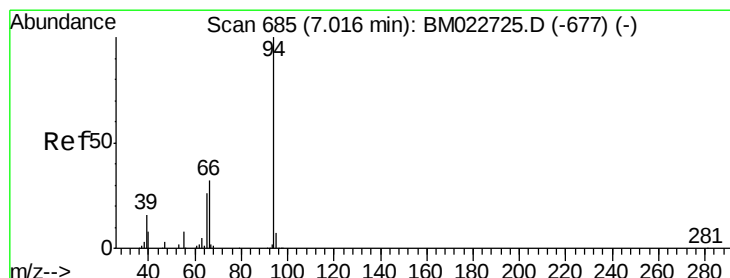
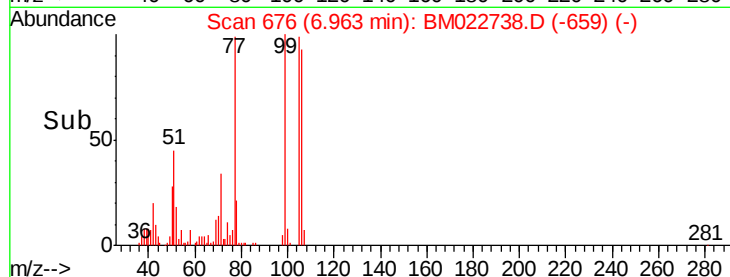
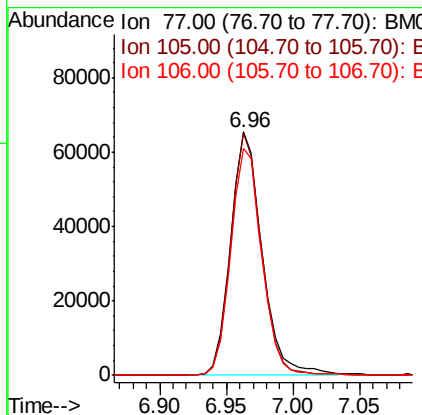
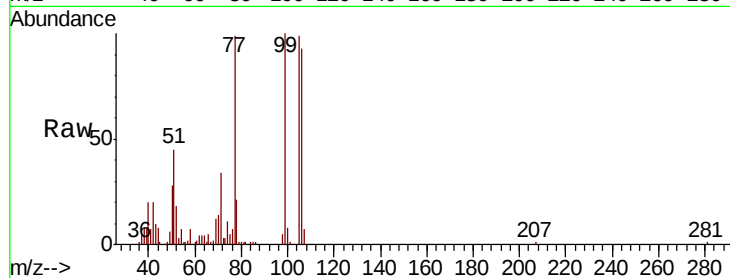
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	77	Resp:	108124
Ion	Ratio	Lower	Upper
77	100		
105	99.5	79.6	119.6
106	93.2	76.3	116.3

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#10

Phenol

Concen: 10.217 ng

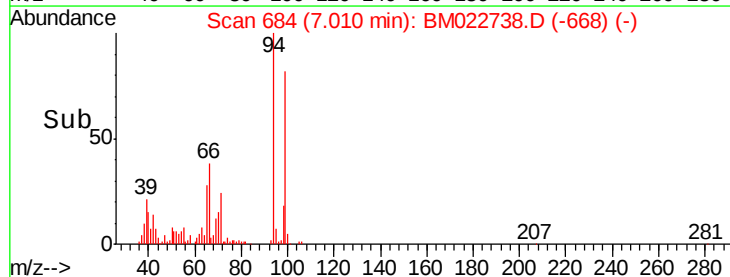
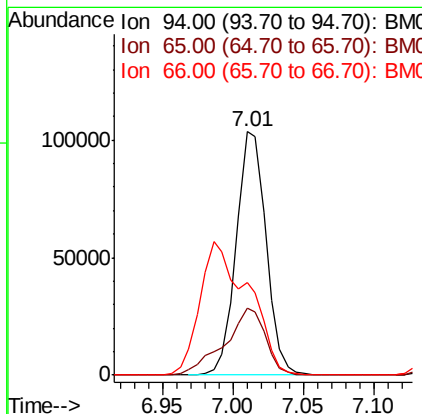
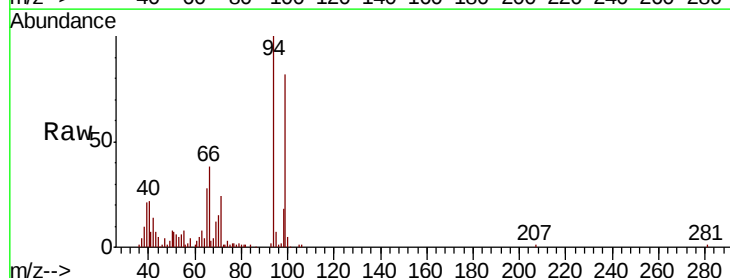
RT: 7.01 min Scan# 684

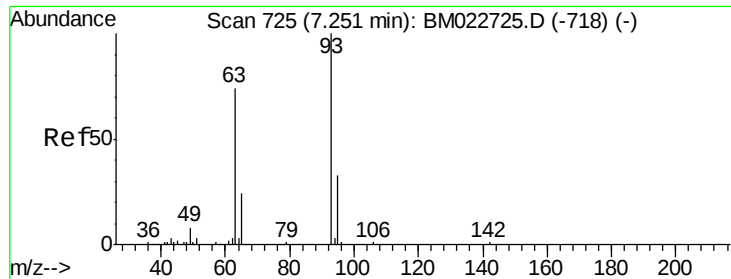
Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	94	Resp:	153110
Ion	Ratio	Lower	Upper
94	100		
65	27.7	6.7	46.7
66	38.0	13.8	53.8





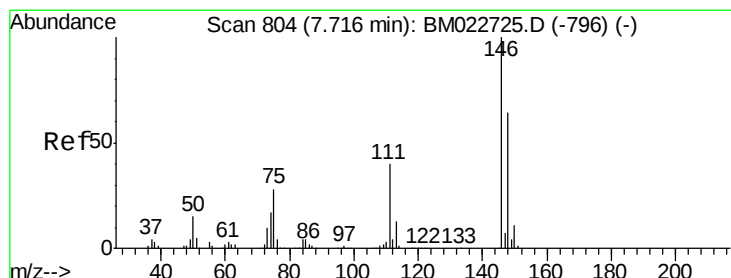
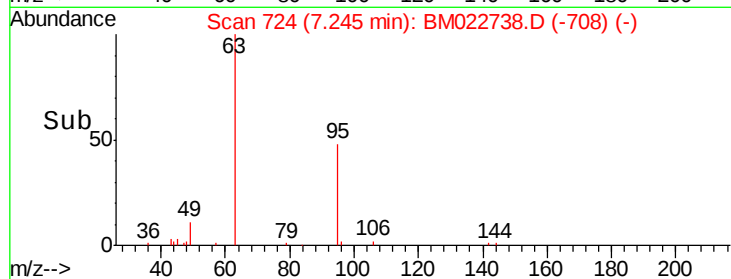
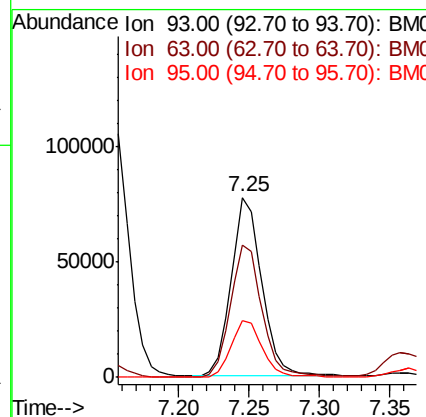
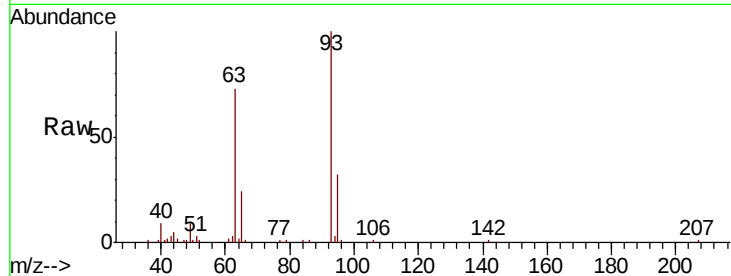
#11
bis(2-Chloroethyl)ether
Concen: 9.861 ng
RT: 7.25 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
93	100	116107		
63	73.5	53.8	93.8	
95	31.7	12.7	52.7	

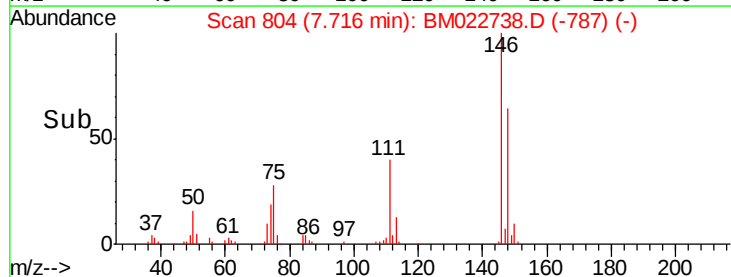
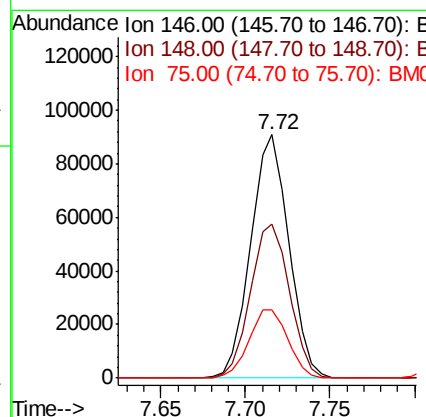
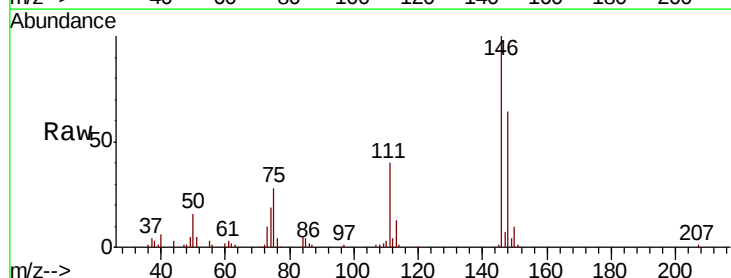
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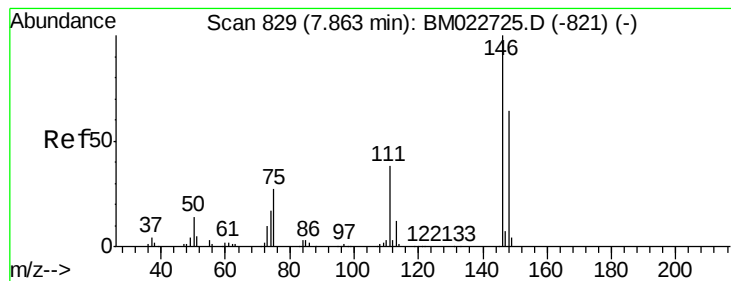
mohammad
9/24/2019 8:35:05 AM



#12
1,3-Dichlorobenzene
Concen: 9.473 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	142968		
148	63.5	51.3	76.9	
75	28.0	22.5	33.7	





#13

1,4-Dichlorobenzene

Concen: 9.467 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

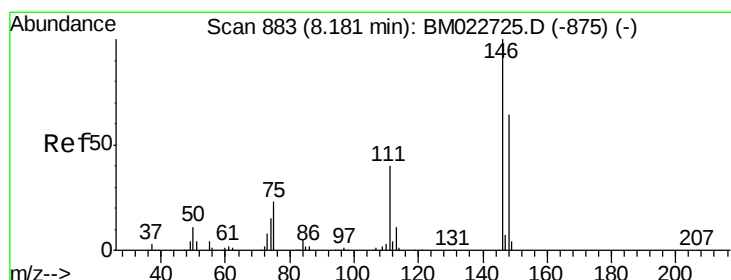
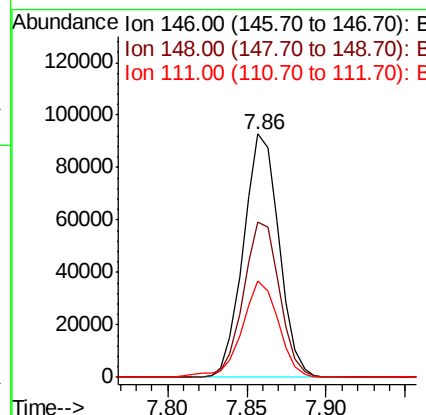
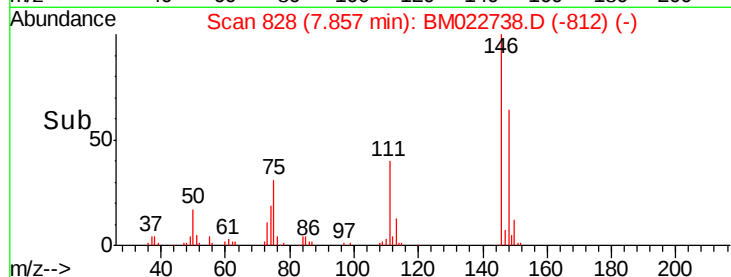
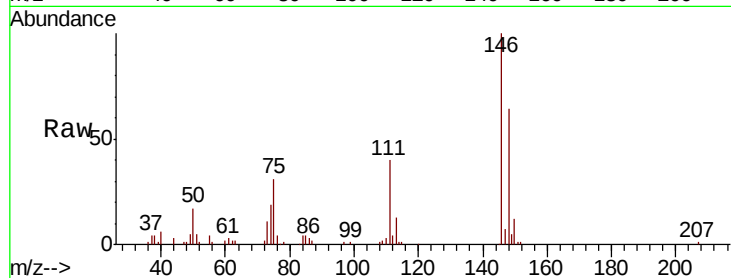
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	146	Resp:	144637
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.0
111	39.6	30.9	46.3

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#14

1,2-Dichlorobenzene

Concen: 9.557 ng

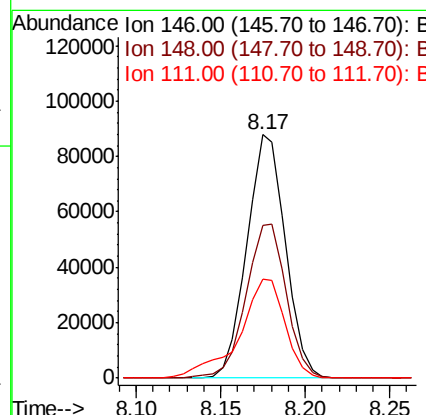
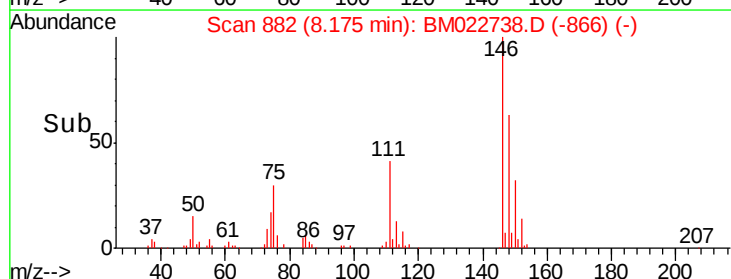
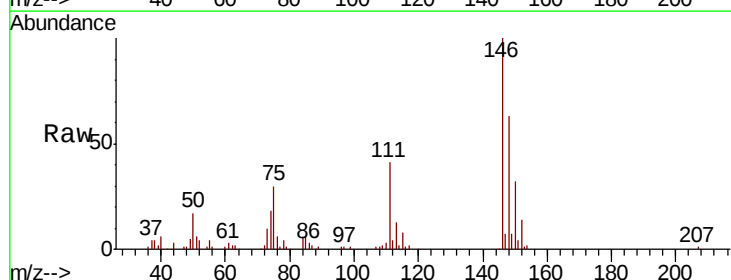
RT: 8.17 min Scan# 882

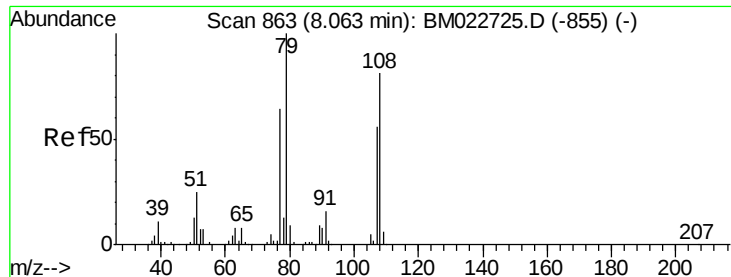
Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	146	Resp:	139207
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.3	76.9
111	40.6	32.3	48.5





#15

Benzyl Alcohol

Concen: 9.572 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

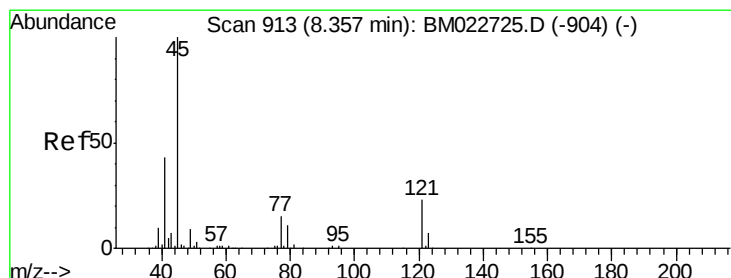
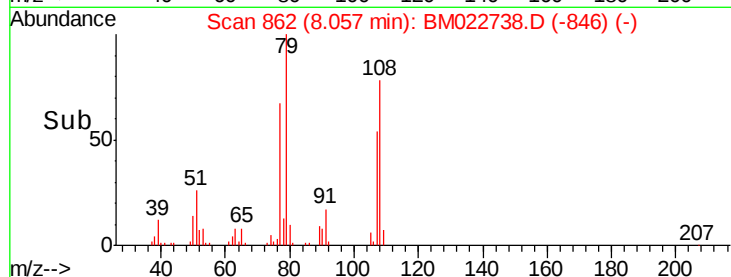
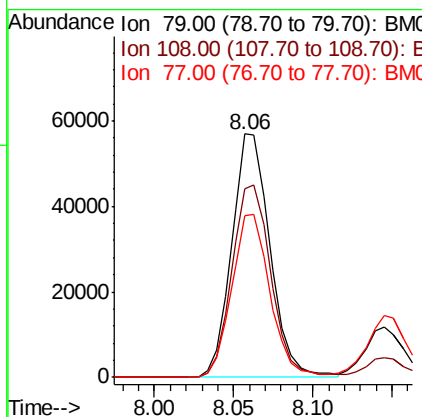
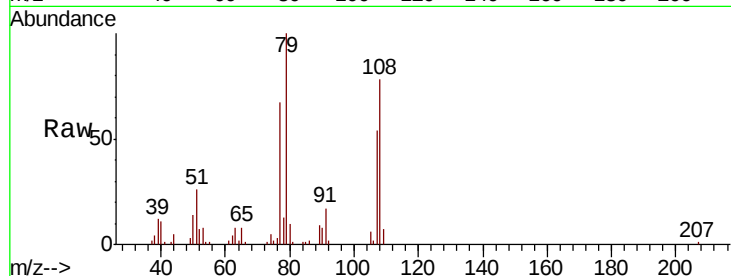
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	79	Resp:	95341
Ion Ratio	Lower	Upper	
79	100		
108	77.6	64.9	97.3
77	66.5	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 9.897 ng

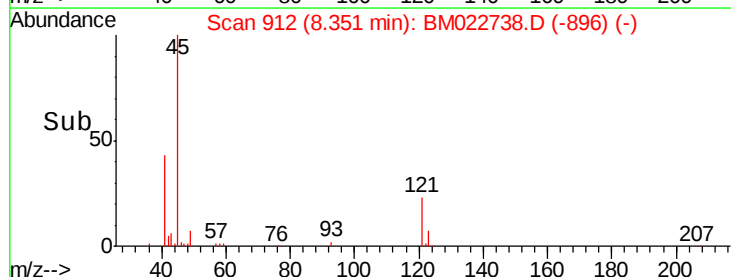
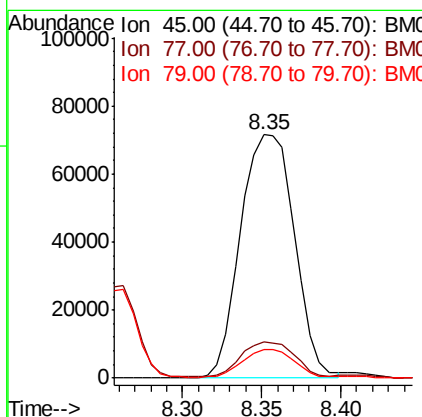
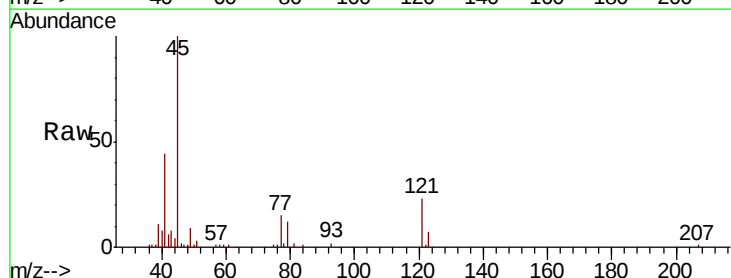
RT: 8.35 min Scan# 912

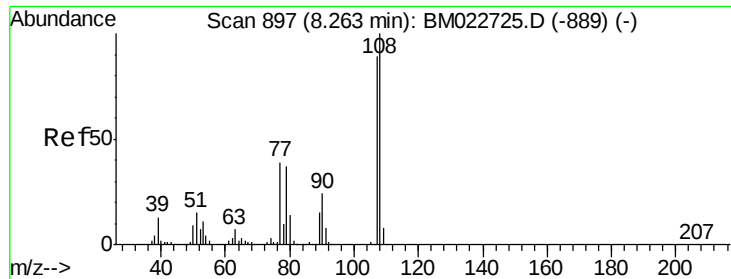
Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	45	Resp:	169282
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.1
79	11.5	0.0	31.4





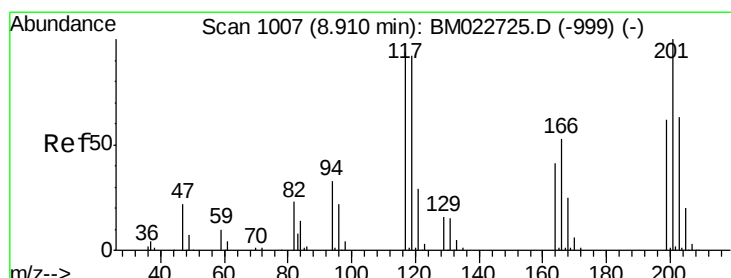
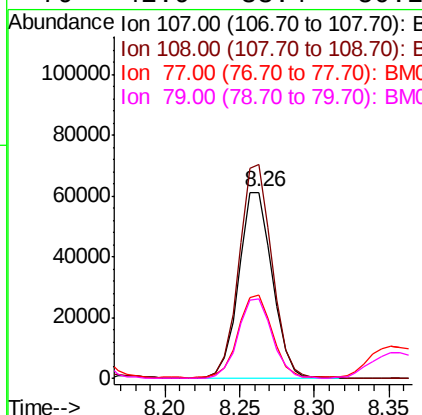
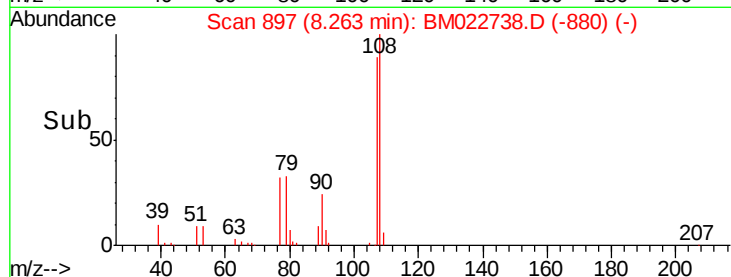
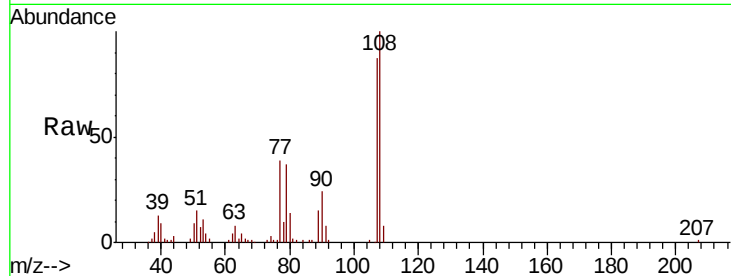
#17
2-Methylphenol
Concen: 9.613 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	90.0	135.0	
77	44.5	35.2	52.8	
79	42.9	33.4	50.2	

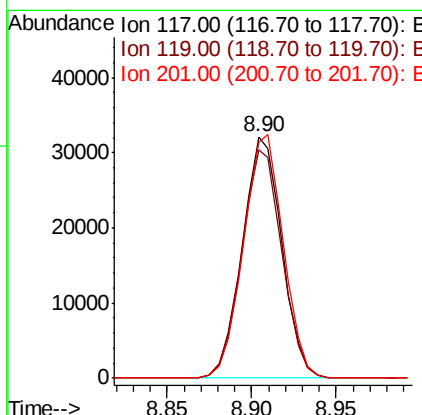
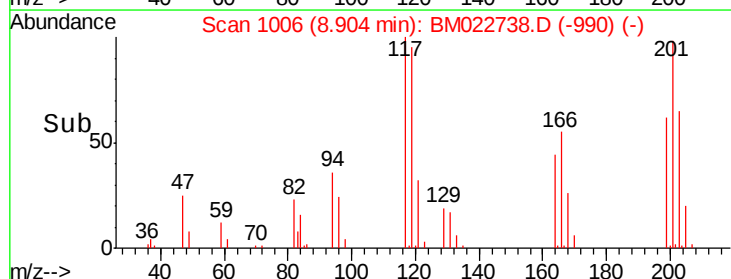
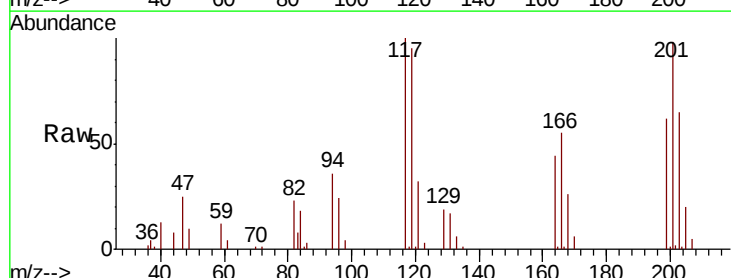
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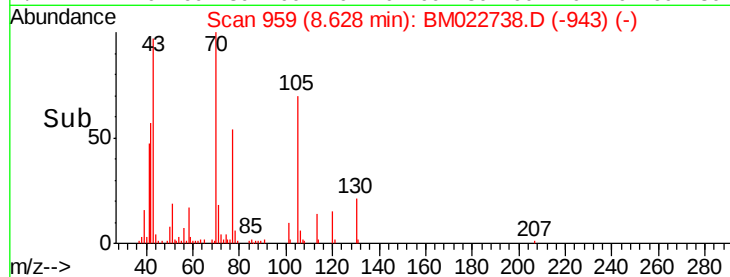
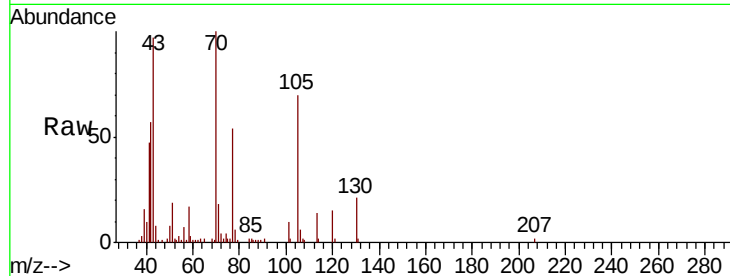
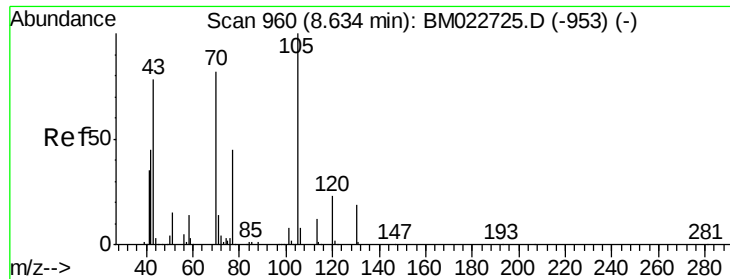
mohammad
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#18
Hexachloroethane
Concen: 9.344 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	78.0	117.0	
201	97.7	85.0	127.6	





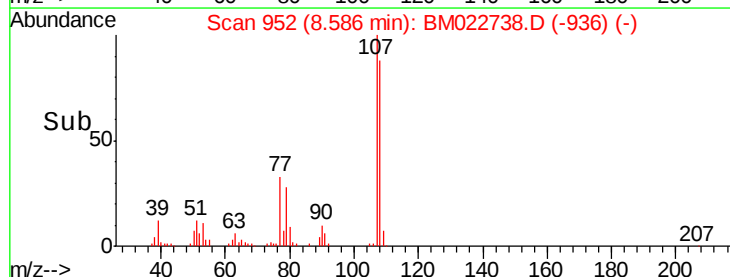
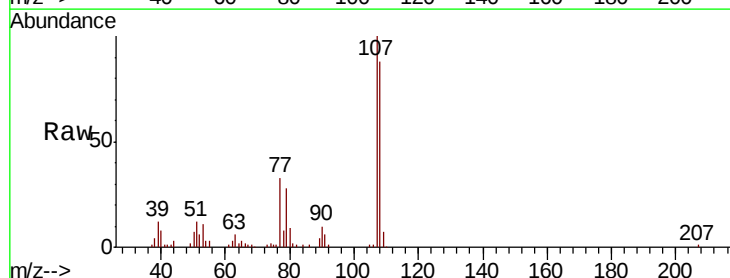
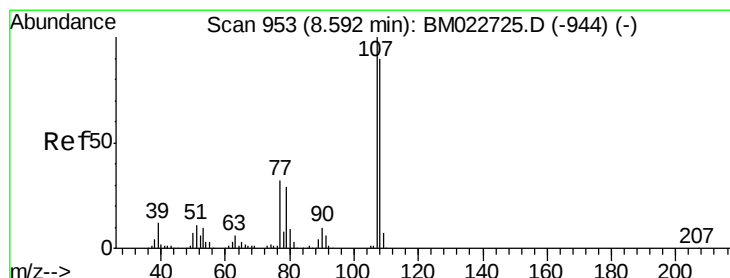
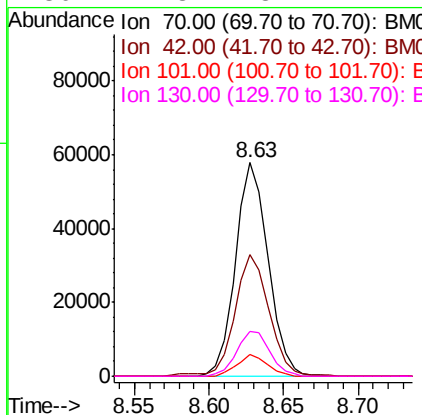
#19
n-Nitroso-di-n-propylamine
Concen: 9.918 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.8	44.4	66.6		
101	10.1	7.8	11.6		
130	21.3	18.2	27.4		

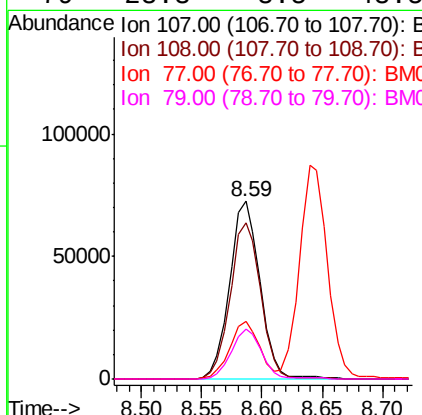
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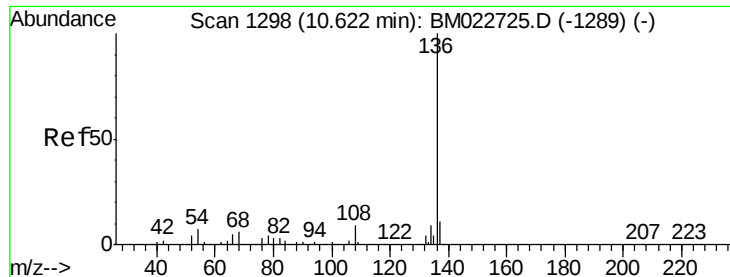
mohammad
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#20
3+4-Methylphenols
Concen: 9.639 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9	70.1	110.1		
77	32.5	12.1	52.1		
79	28.3	8.5	48.5		





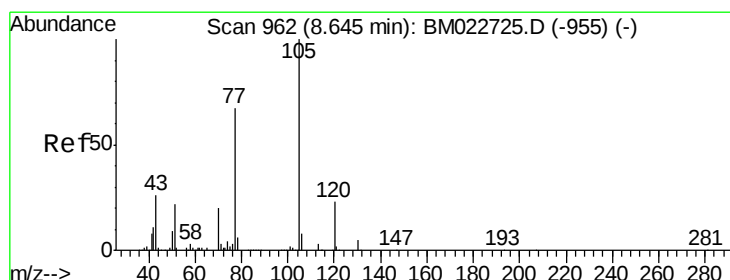
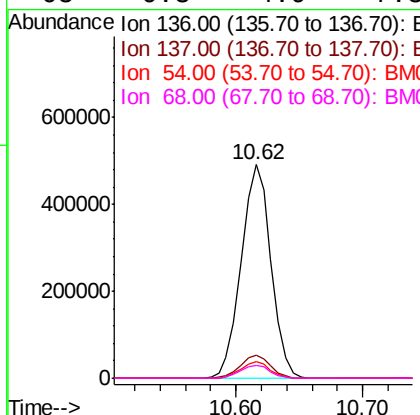
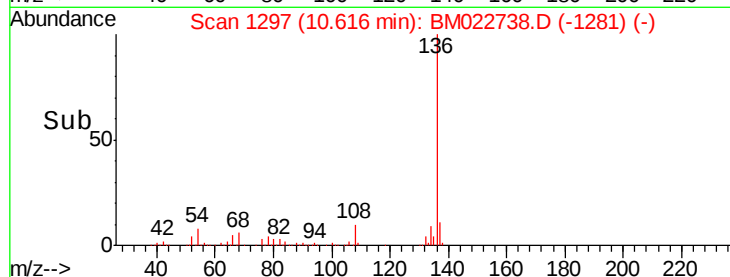
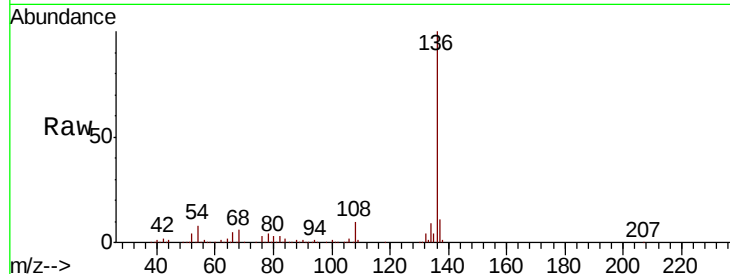
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	799880		
137	10.7	8.6	13.0	
54	7.5	6.0	9.0	
68	6.3	4.9	7.3	

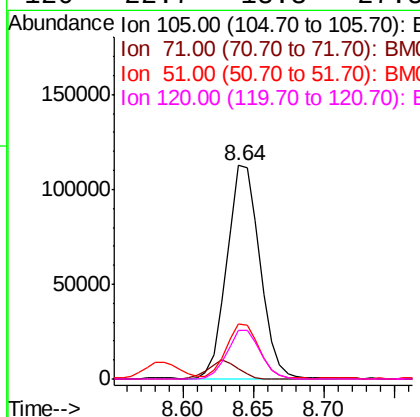
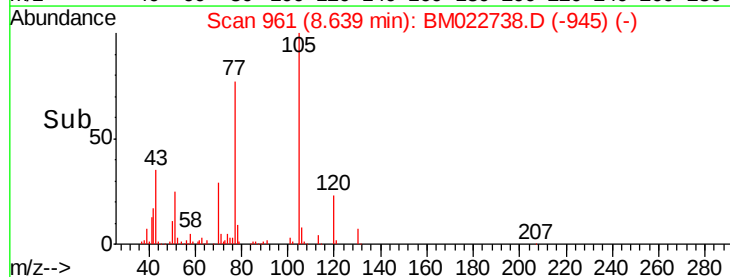
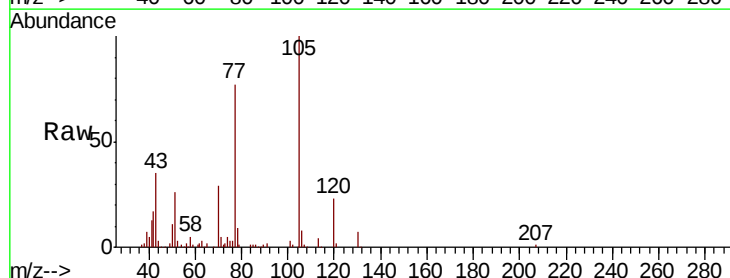
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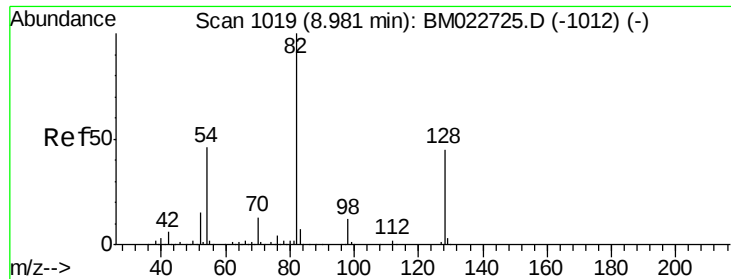
mohammad
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#22
Acetophenone
Concen: 9.248 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182599		
71	4.6	2.7	4.1#	
51	25.5	19.9	29.9	
120	22.7	18.3	27.5	





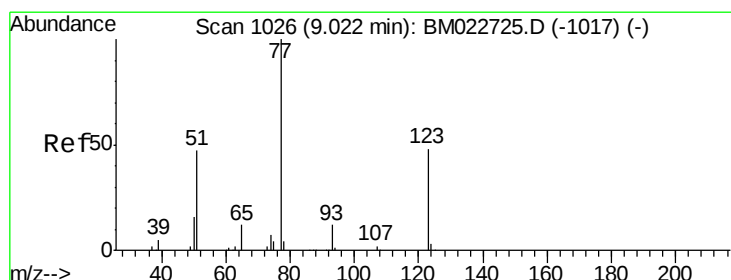
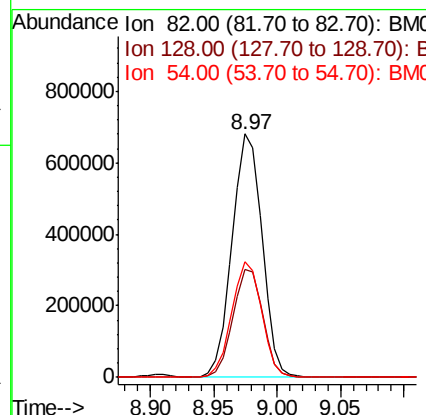
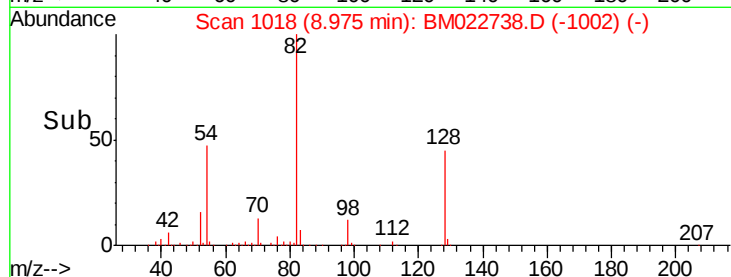
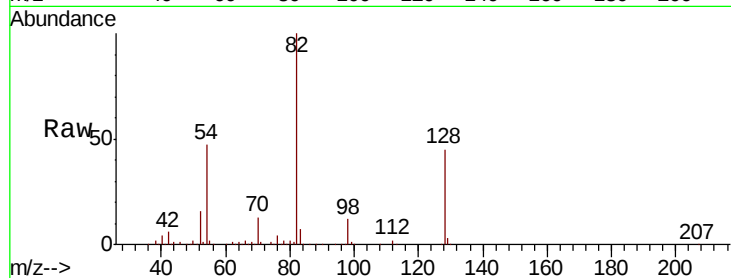
#23
 Nitrobenzene-d5
 Concen: 77.251 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.0	54.0
54	47.3	37.1	55.7

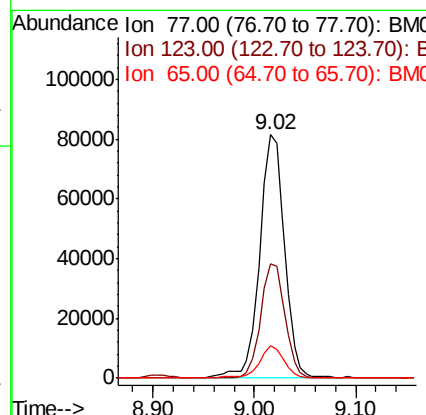
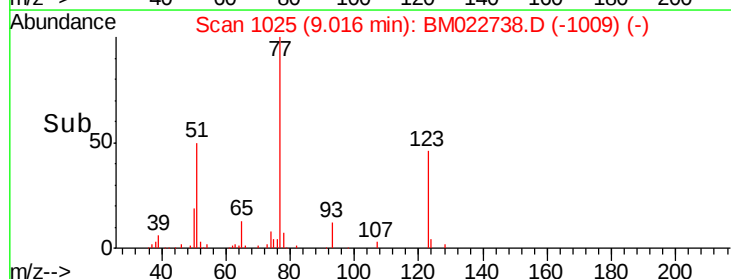
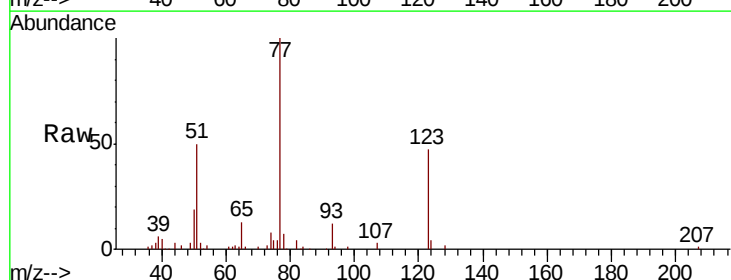
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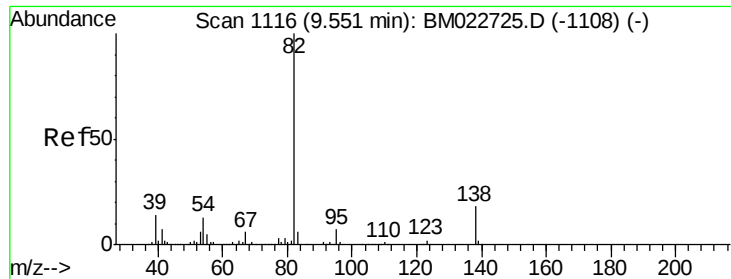
mohammad
 9/24/2019 8:35:05 AM



#24
 Nitrobenzene
 Concen: 10.126 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.0	57.0
65	13.4	10.0	15.0





#25

Isophorone

Concen: 9.538 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

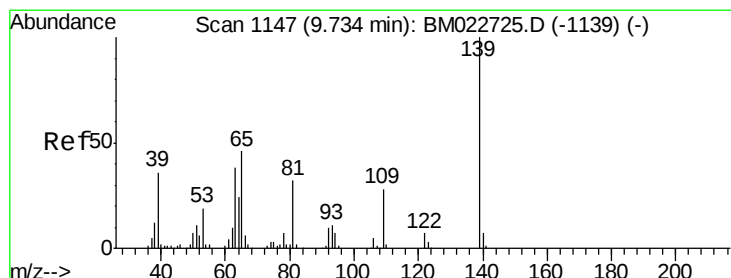
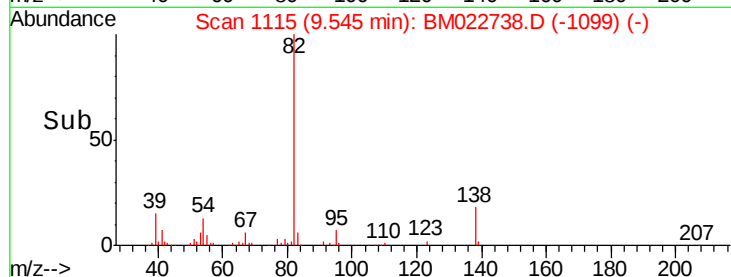
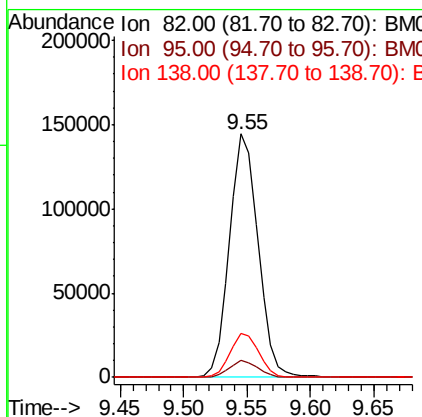
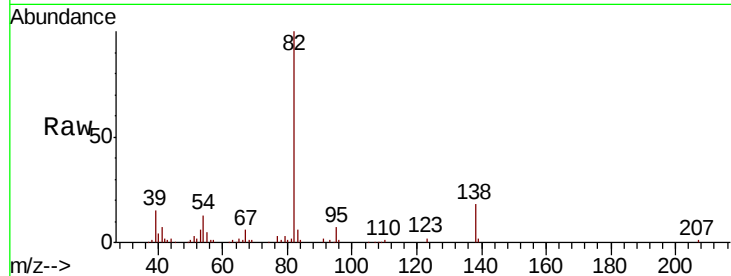
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	82	Resp:	225980
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.0
138	18.3	14.7	22.1

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#26

2-Nitrophenol

Concen: 8.072 ng

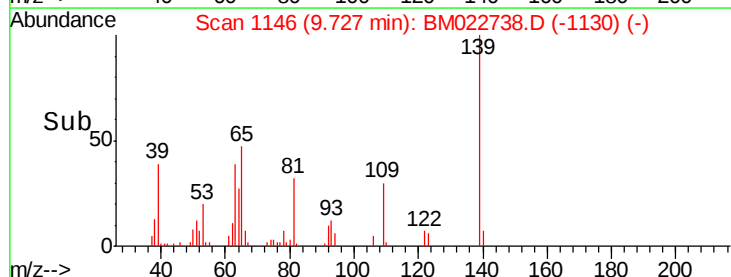
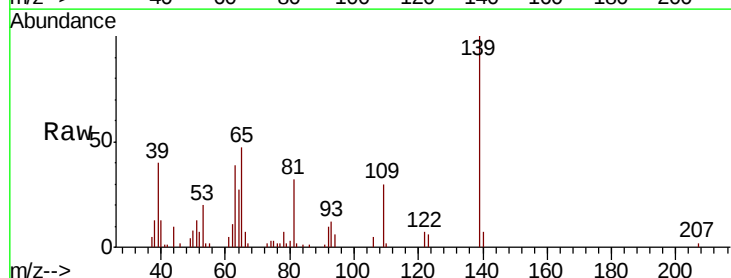
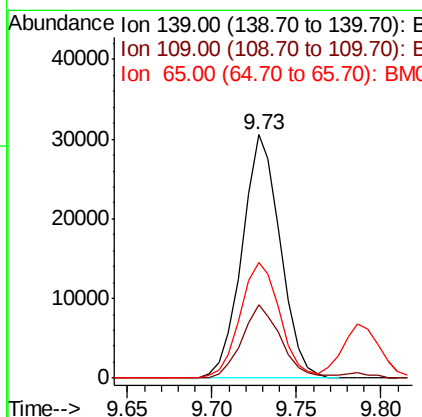
RT: 9.73 min Scan# 1146

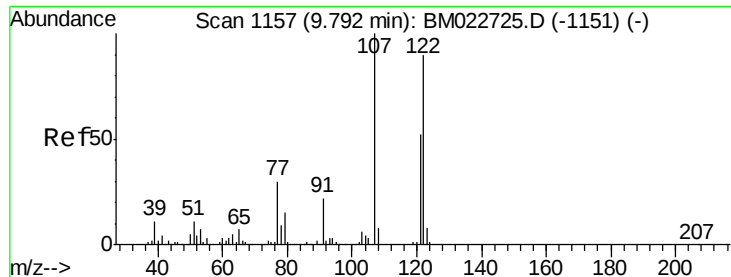
Delta R.T. -0.01 min

Lab File: BM022738.D

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Tgt Ion:	139	Resp:	48041
Ion Ratio	Lower	Upper	
139	100		
109	30.4	22.6	33.8
65	47.5	37.0	55.4





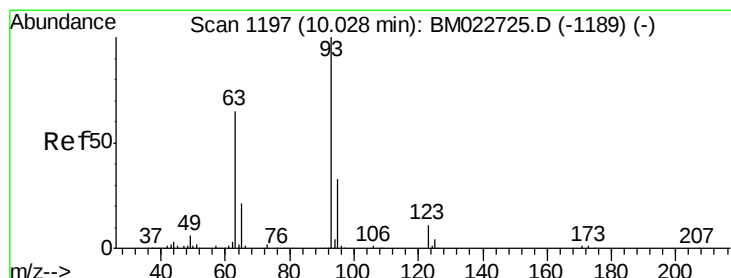
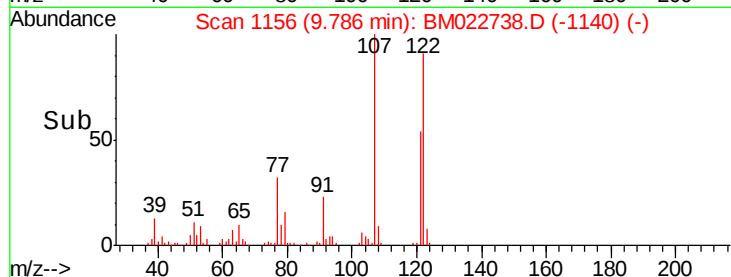
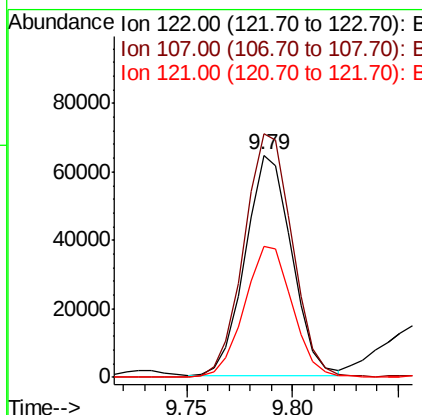
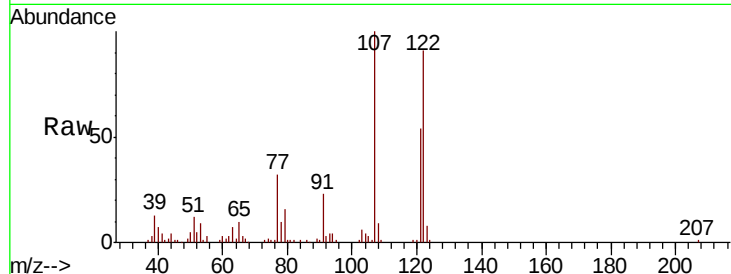
#27
2,4-Dimethylphenol
Concen: 9.981 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	88.9	133.3
121	58.9	46.5	69.7

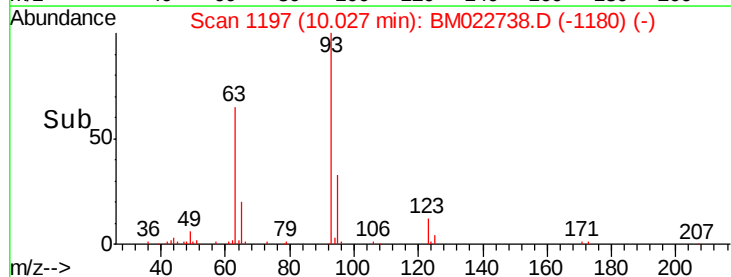
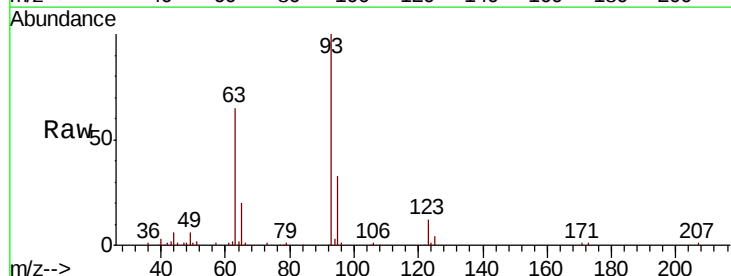
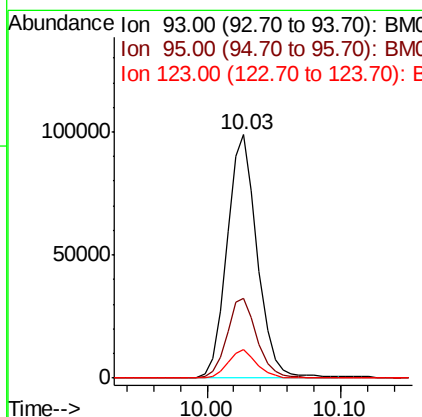
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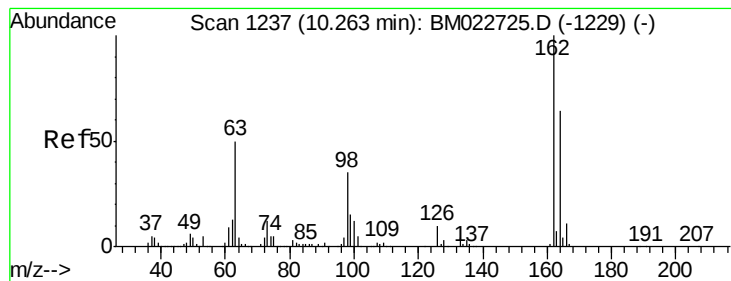
mohammad
9/24/2019 8:35:05 AM



#28
bis(2-Chloroethoxy)methane
Concen: 9.536 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.5	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 9.031 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

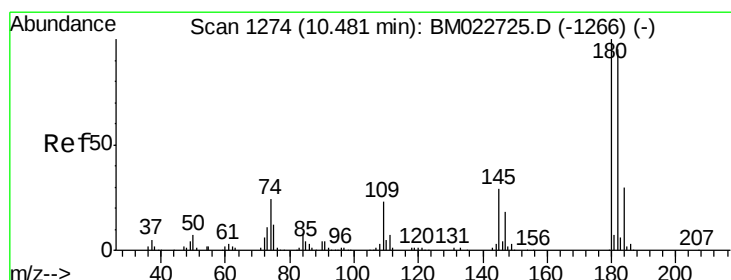
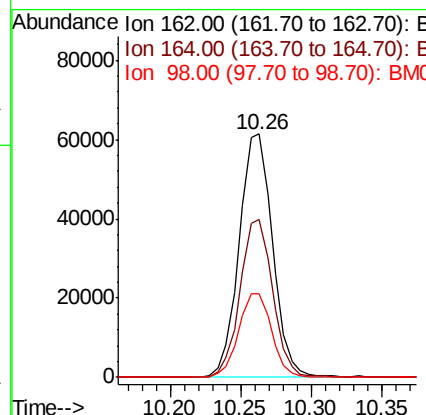
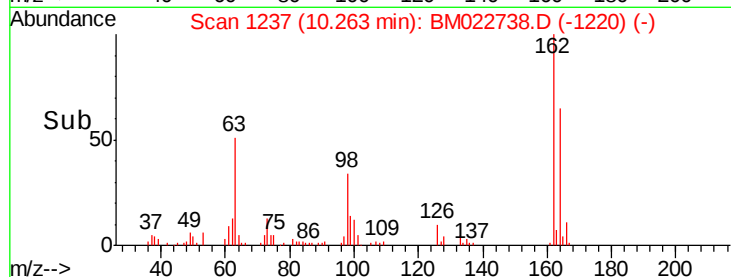
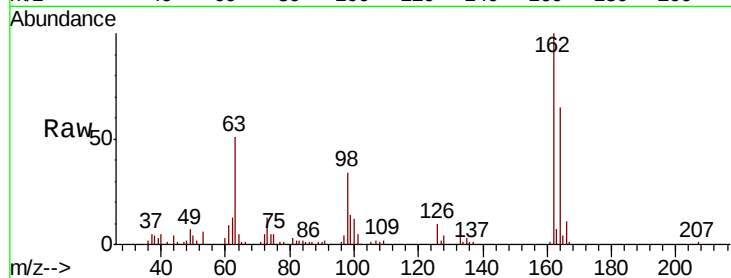
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	162	Resp:	101735
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.4	84.4
98	34.3	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 9.303 ng

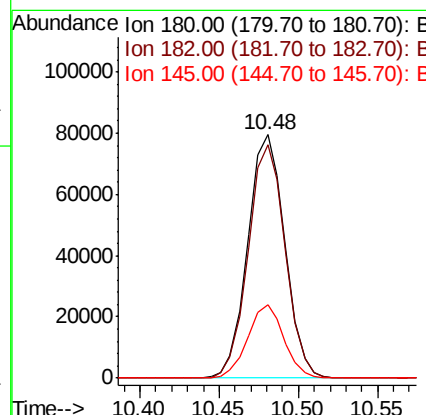
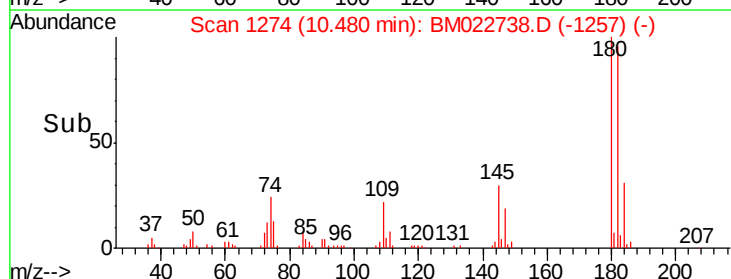
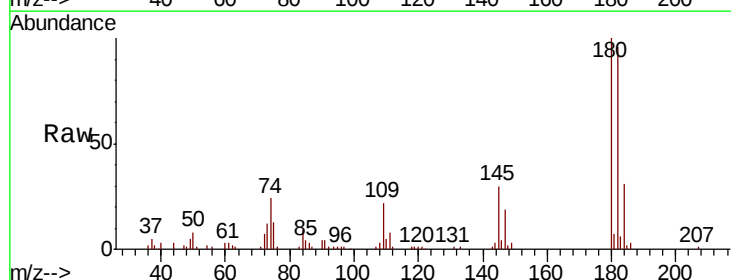
RT: 10.48 min Scan# 1274

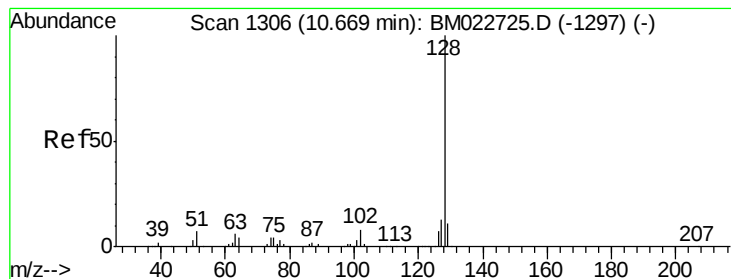
Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	180	Resp:	128944
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.2	114.2
145	29.9	23.0	34.4





#31

Naphthalene

Concen: 9.949 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

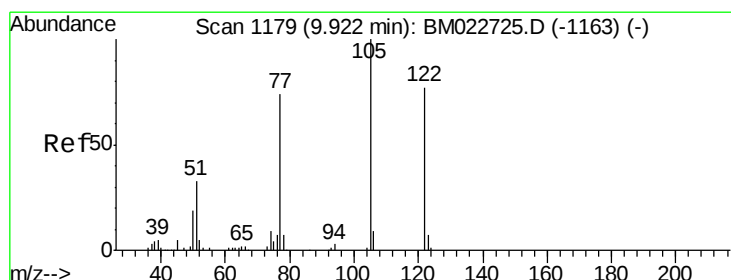
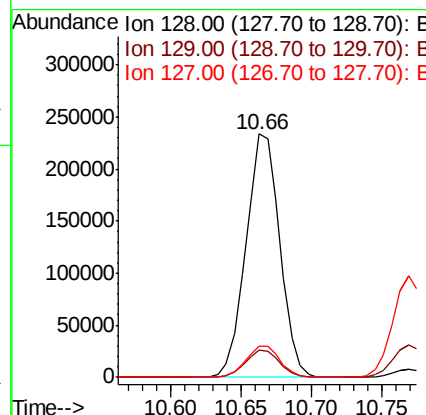
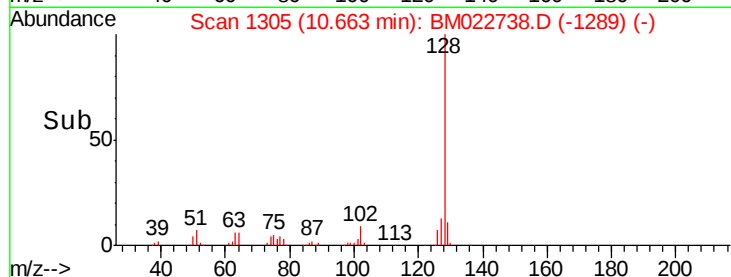
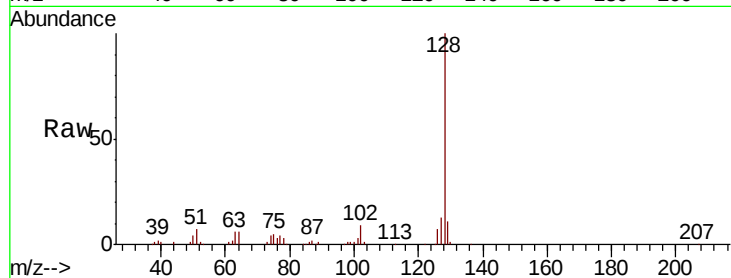
ClientSampleId :

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Tot Ion:	128	Resp:	393220
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	12.8	10.2	15.4

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#32

Benzoic acid

Concen: 5.562 ng m

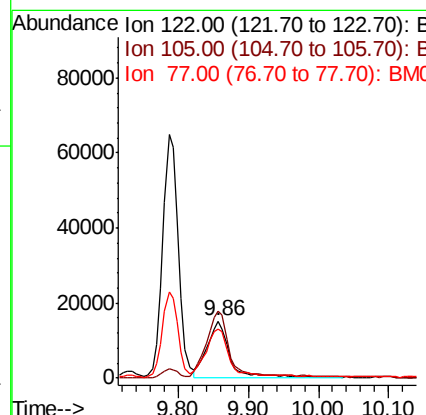
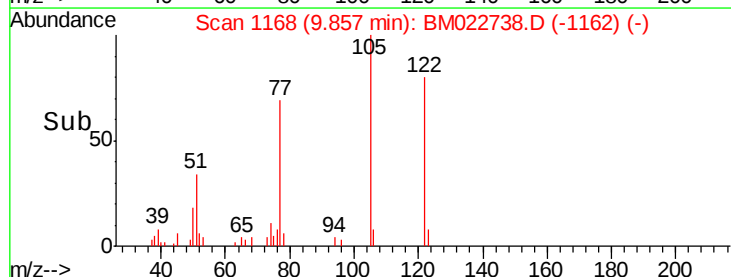
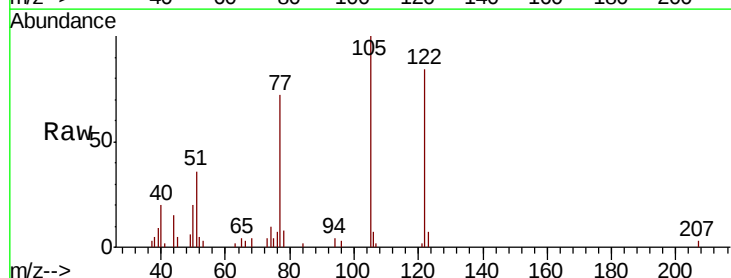
RT: 9.86 min Scan# 1168

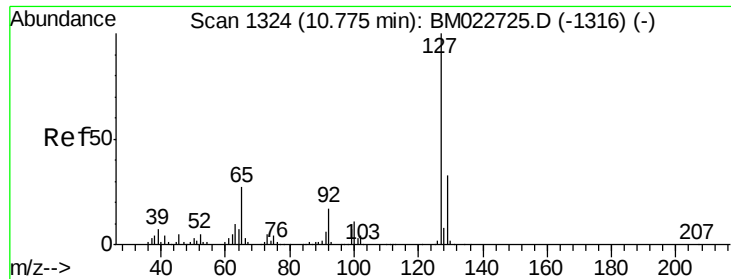
Delta R.T. -0.06 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	122	Resp:	35671
Ion Ratio	Lower	Upper	
122	100		
105	118.6	105.3	145.3
77	85.7	74.7	114.7





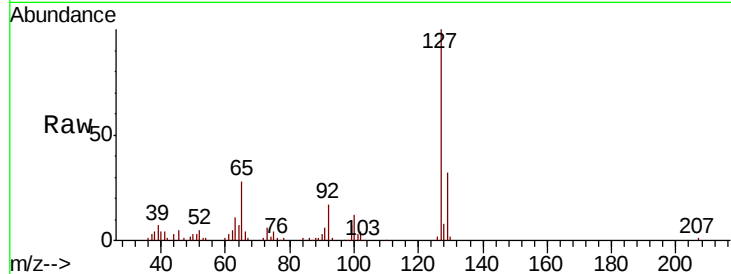
#33
4-Chloroaniline
Concen: 9.380 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

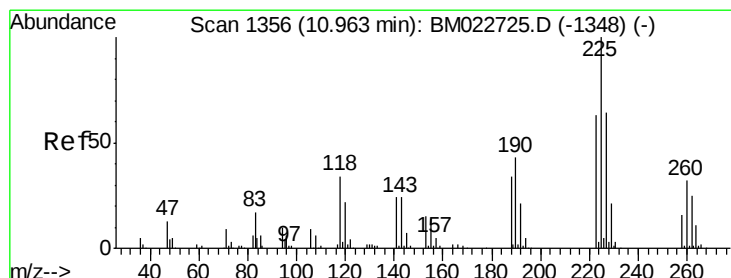
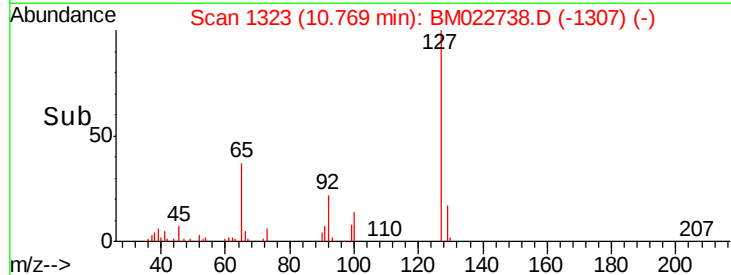
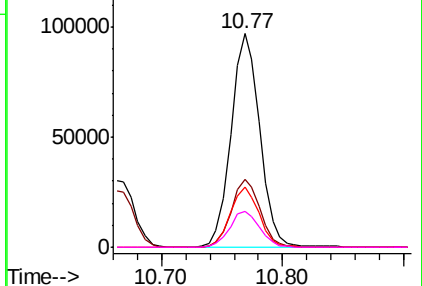
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.1	39.1	
65	28.1	22.0	33.0	
92	16.9	13.8	20.8	

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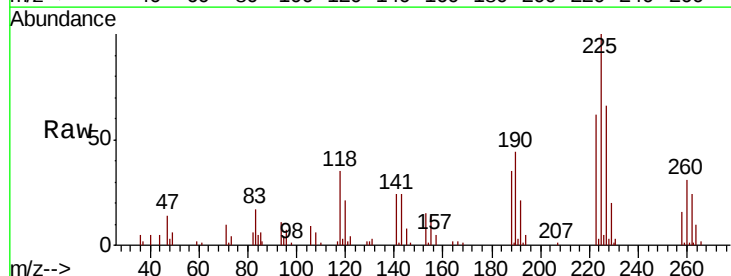


Abundance Ion 127.00 (126.70 to 127.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

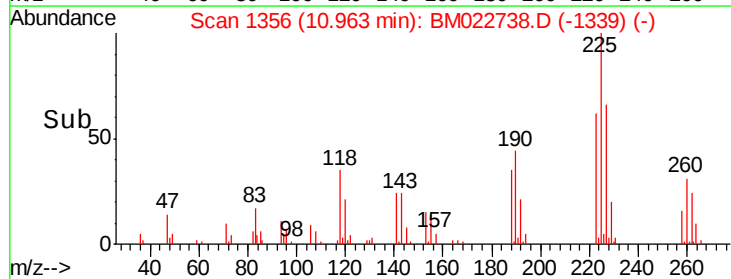
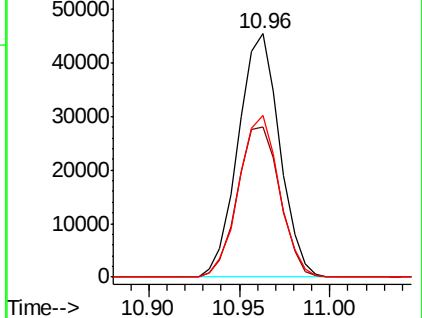


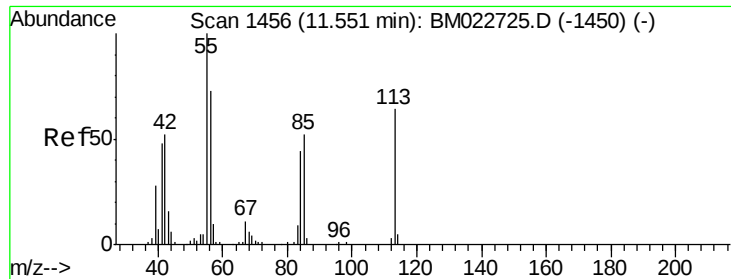
#34
Hexachlorobutadiene
Concen: 8.753 ng
RT: 10.96 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.2	75.4	
227	66.2	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
60000 Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





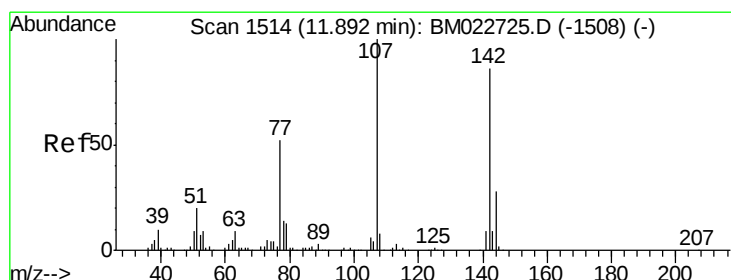
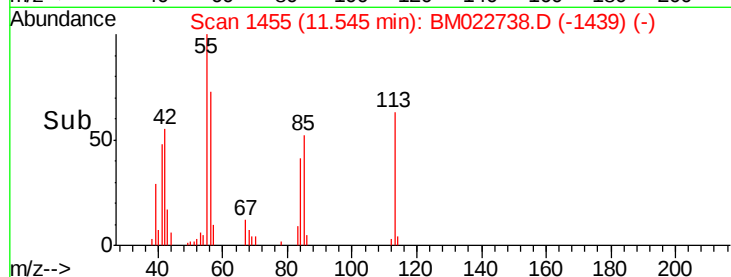
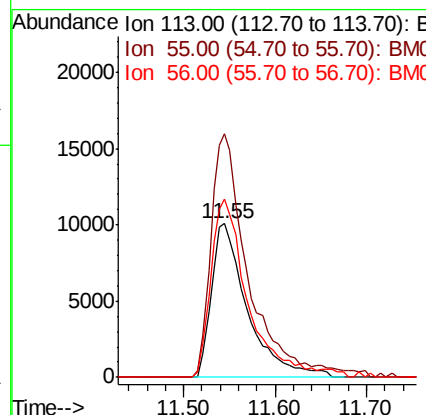
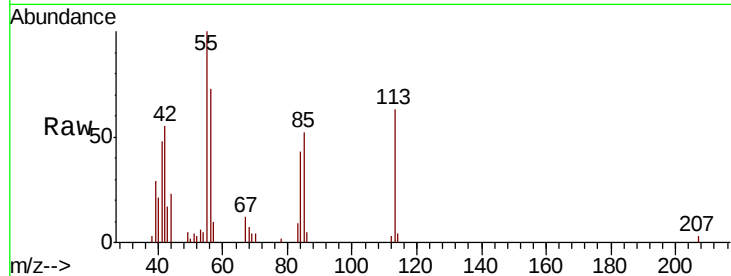
#35
 Caprolactam
 Concen: 8.295 ng/ml
 RT: 11.55 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		27704		
55	158.5	136.8		176.8	
56	115.9	95.2		135.2	

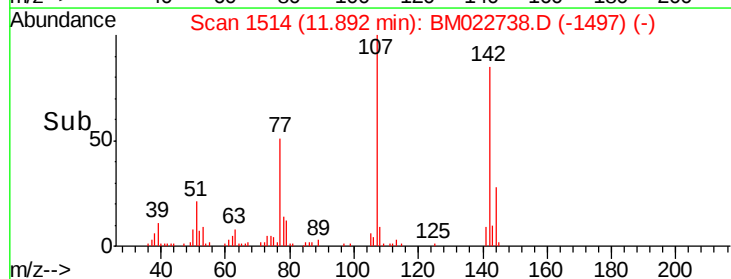
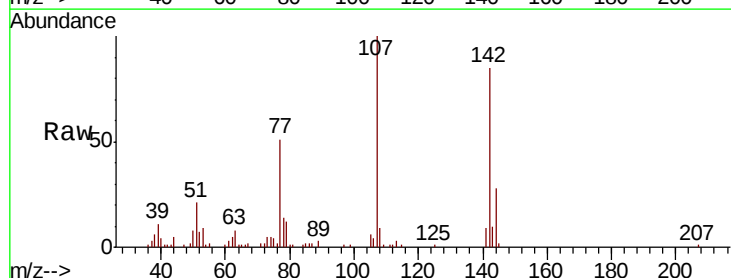
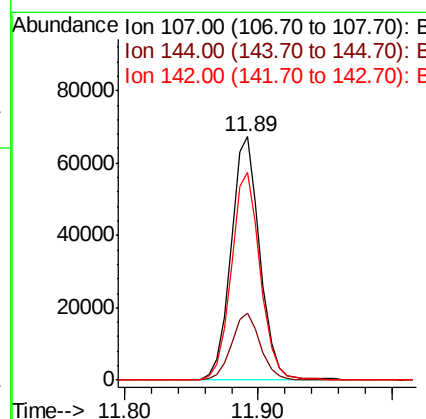
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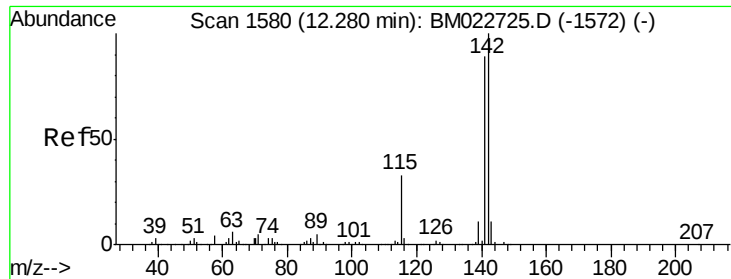
mohammad
 9/24/2019 8:35:05 AM



#36
 4-Chloro-3-methylphenol
 Concen: 9.235 ng/ml
 RT: 11.89 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		101504		
144	27.6	22.4		33.6	
142	85.1	68.2		102.4	





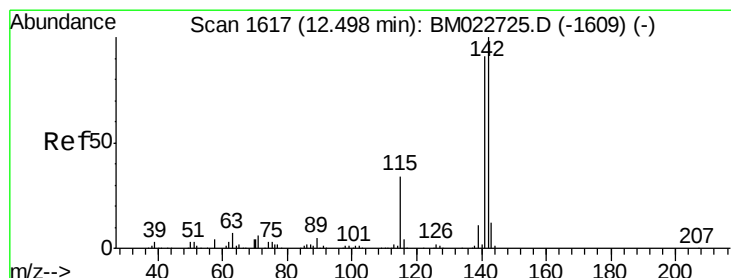
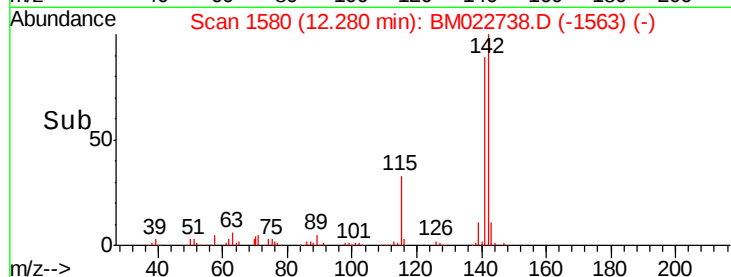
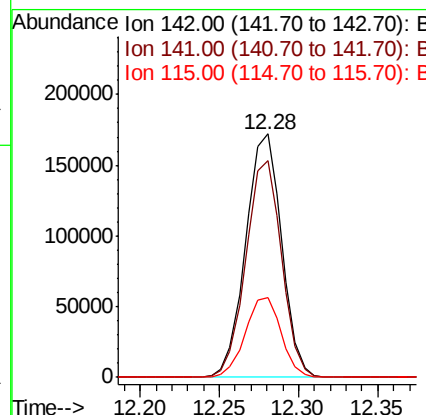
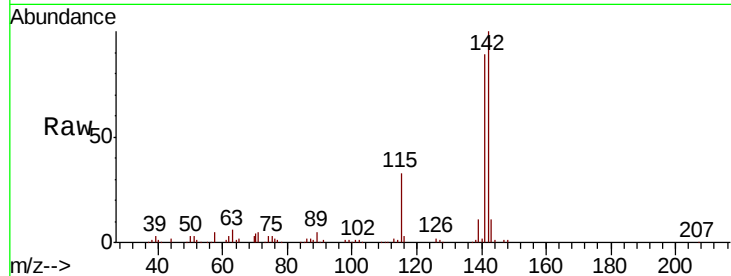
#37
2-Methylnaphthalene
Concen: 9.852 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.5	107.3
115	32.7	26.1	39.1

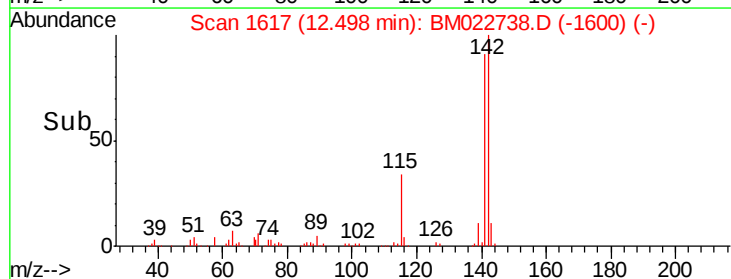
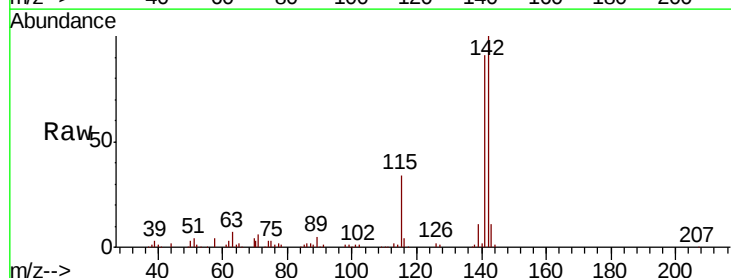
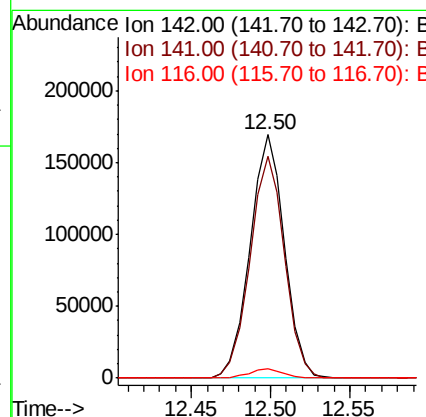
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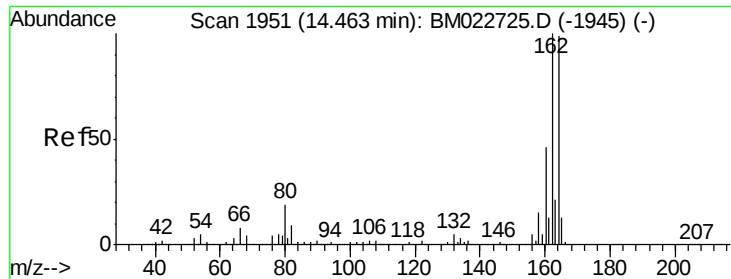
mohammad
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#38
1-Methylnaphthalene
Concen: 9.733 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4
116	3.7	2.9	4.3





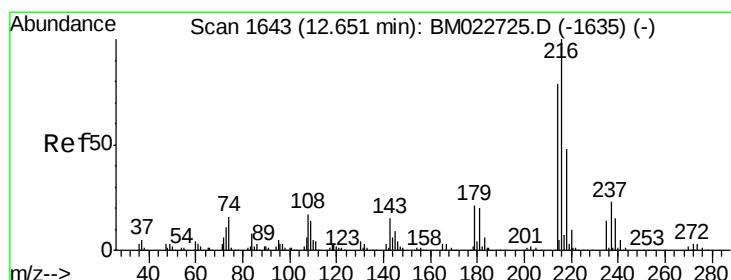
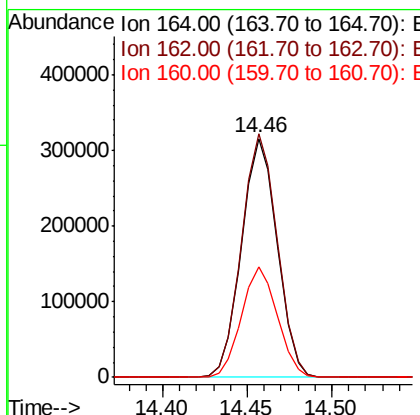
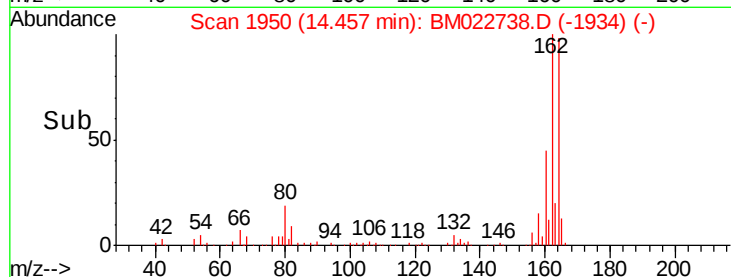
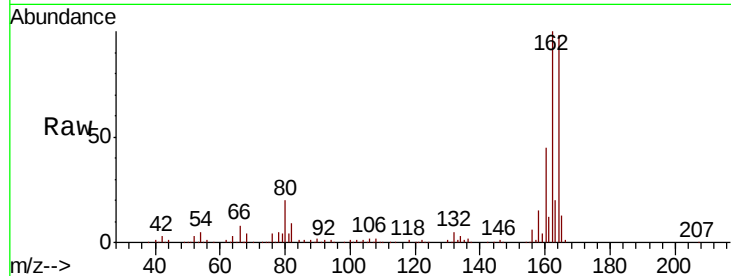
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.1	121.7
160	46.2	36.9	55.3

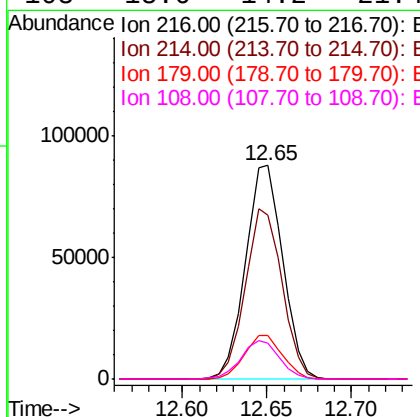
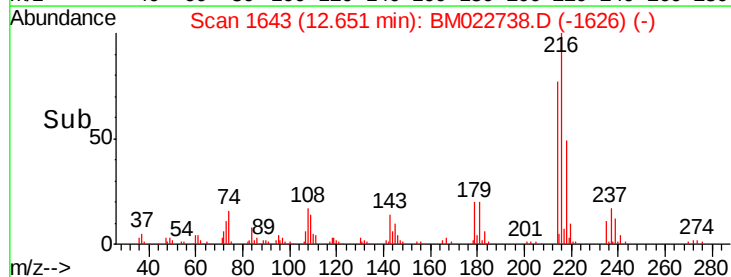
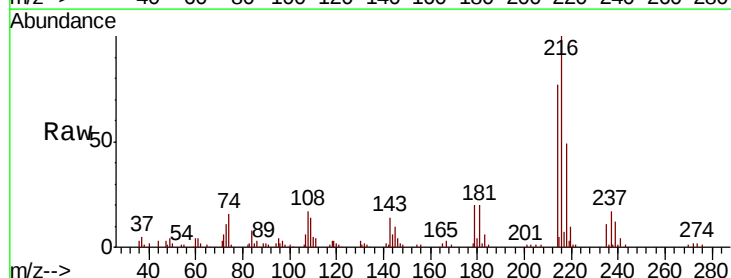
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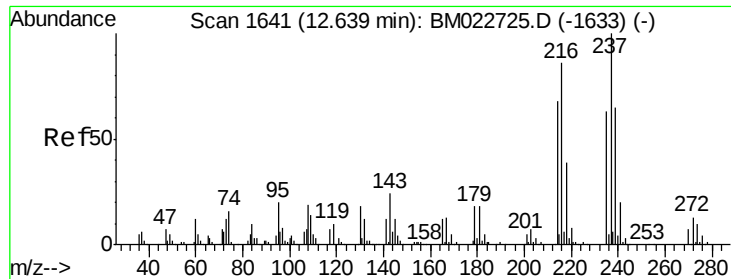
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.591 ng
RT: 12.65 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.9	94.3
179	20.6	16.6	24.8
108	18.6	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 9.162 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

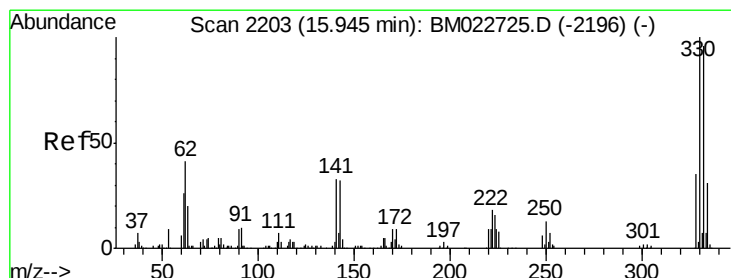
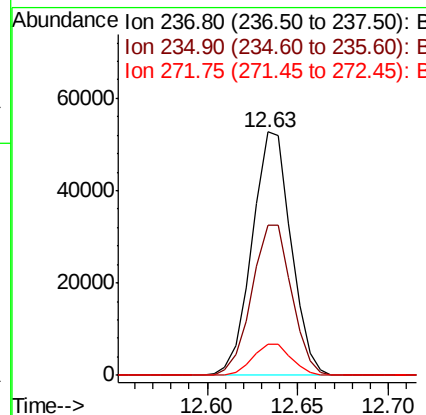
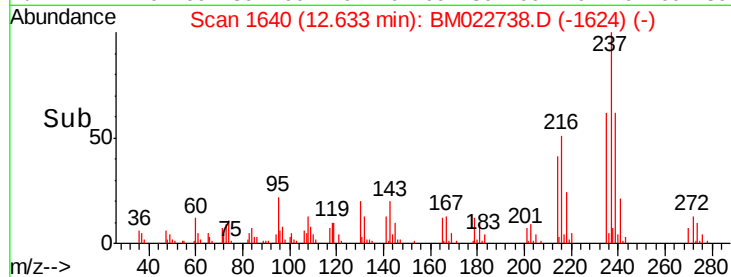
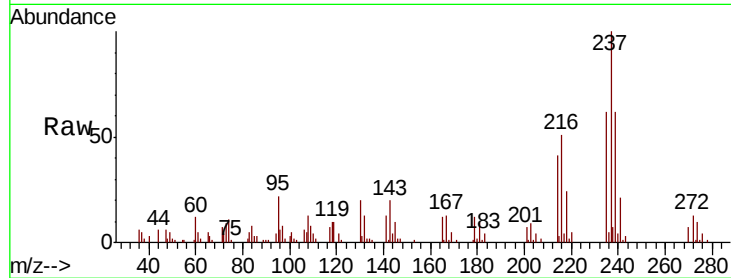
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	237	Resp:	78727
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.3	83.3
272	12.8	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 116.248 ng

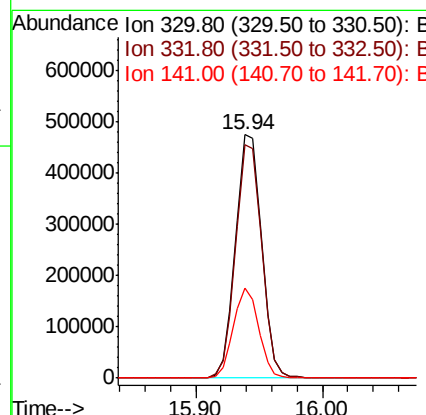
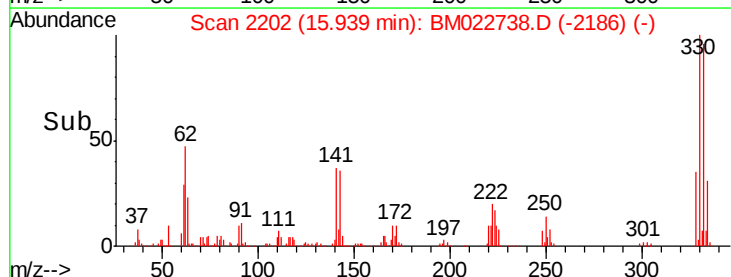
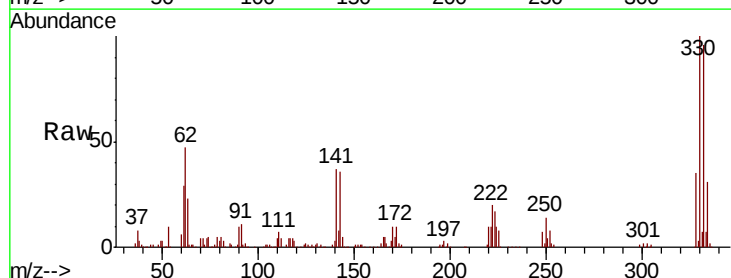
RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	330	Resp:	674460
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.9	115.3
141	36.0	28.6	42.8





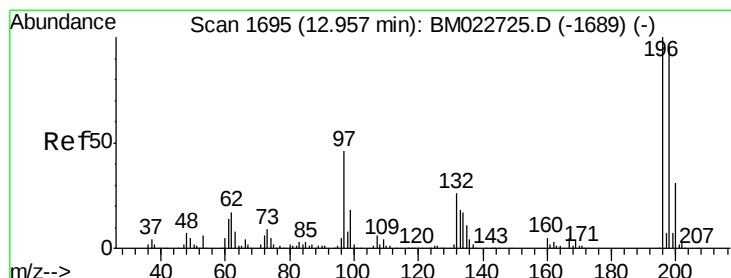
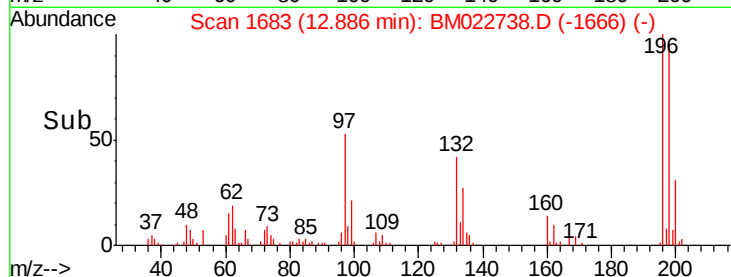
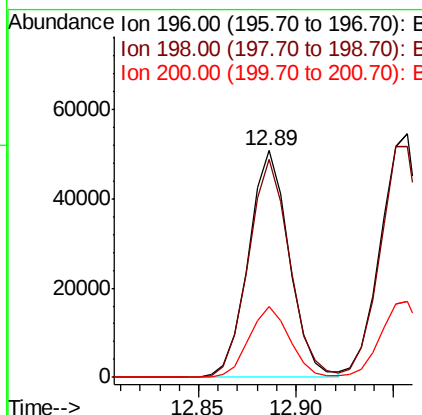
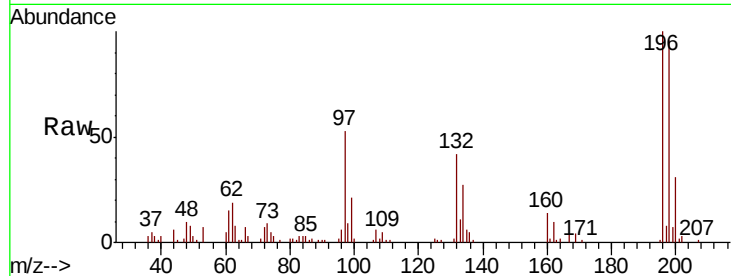
#43
 2,4,6-Trichlorophenol
 Concen: 8.091 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.3	114.5
200	31.2	24.4	36.6

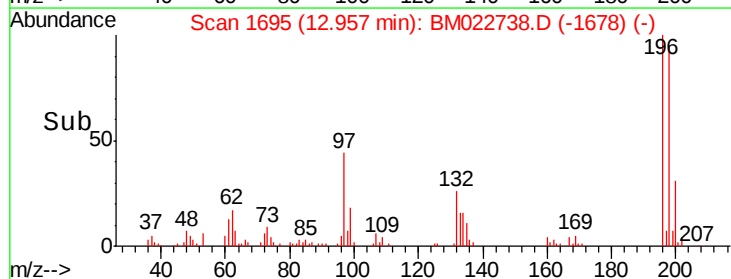
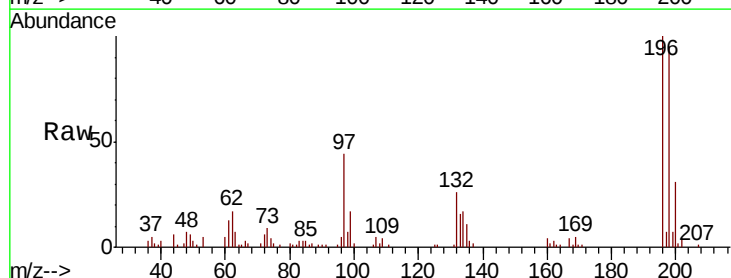
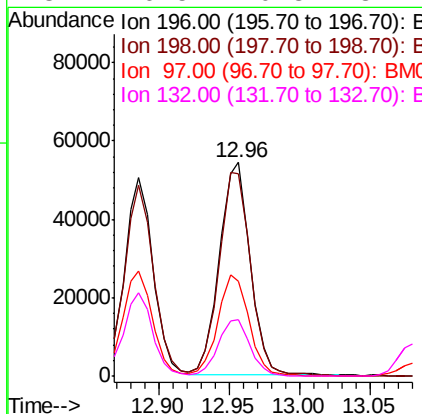
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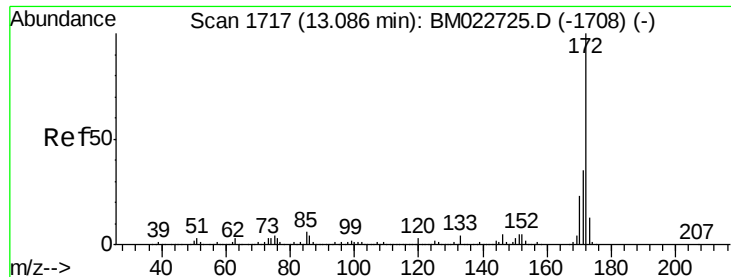
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#44
 2,4,5-Trichlorophenol
 Concen: 8.640 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.0	115.4
97	44.4	37.2	55.8
132	26.5	20.8	31.2





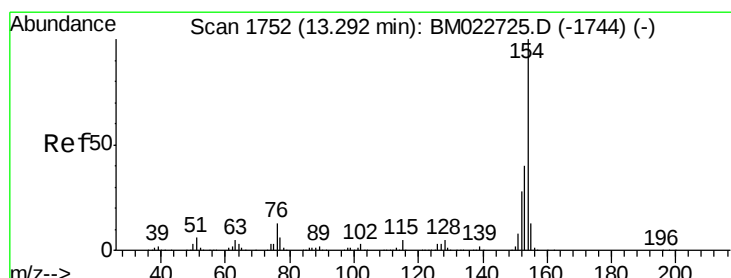
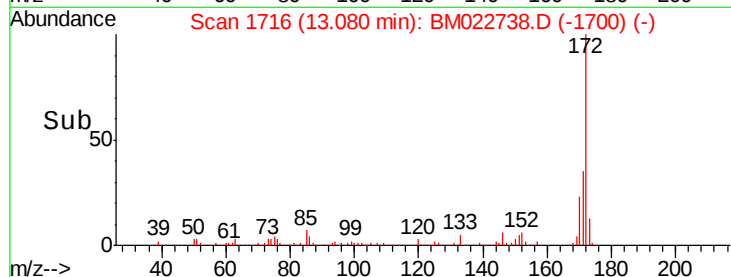
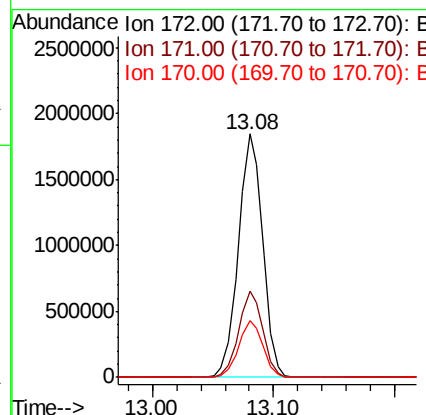
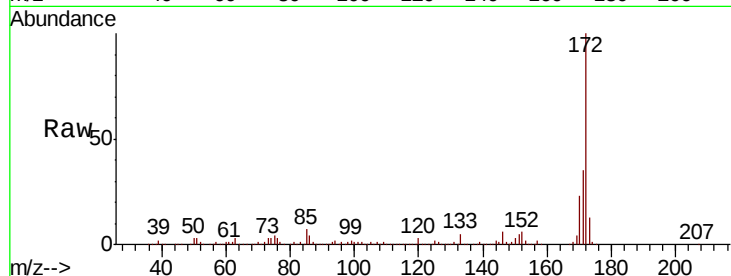
#45
2-Fluorobiphenyl
Concen: 76.695 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.3	18.7	28.1

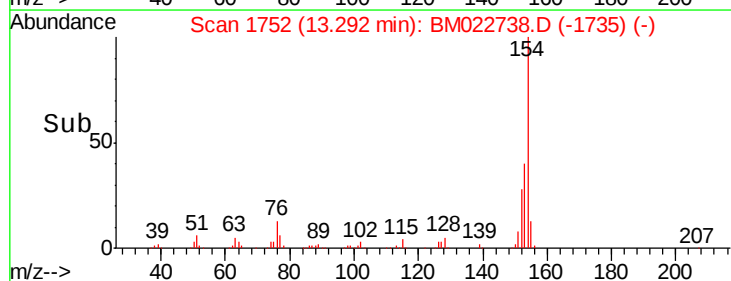
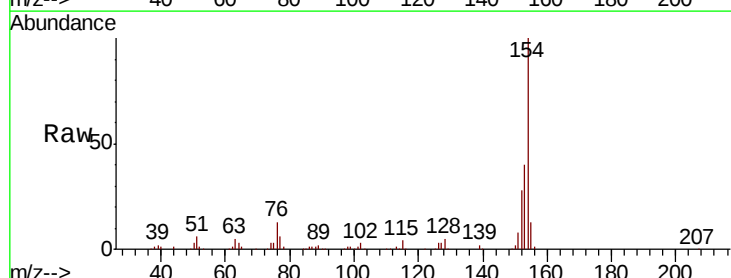
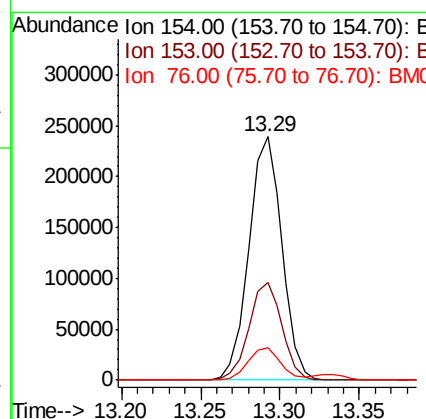
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#46
1,1'-Biphenyl
Concen: 8.953 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.1	60.1
76	13.2	0.0	32.6





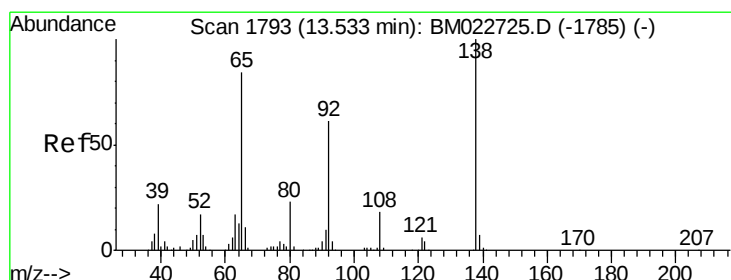
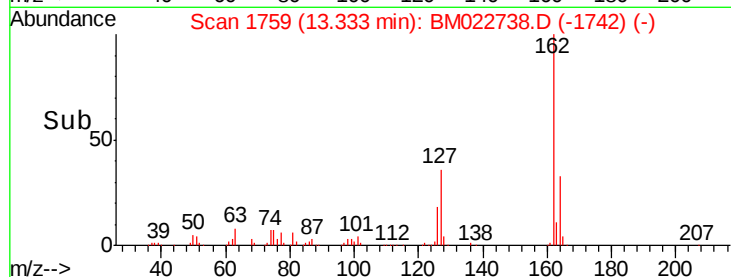
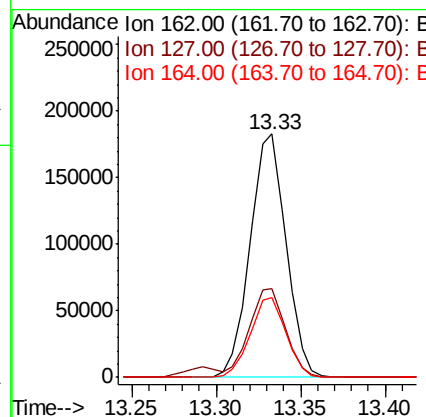
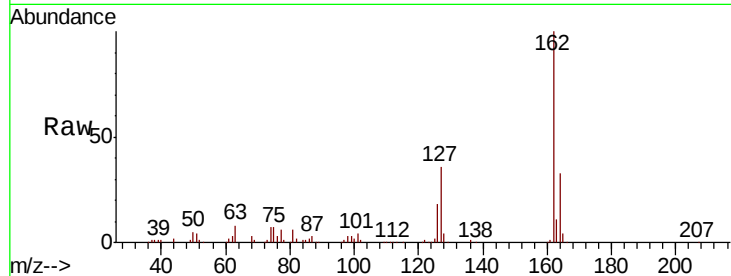
#47
2-Chloronaphthalene
Concen: 9.434 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	270473		
127	36.2		29.0	43.6
164	32.8		26.0	39.0

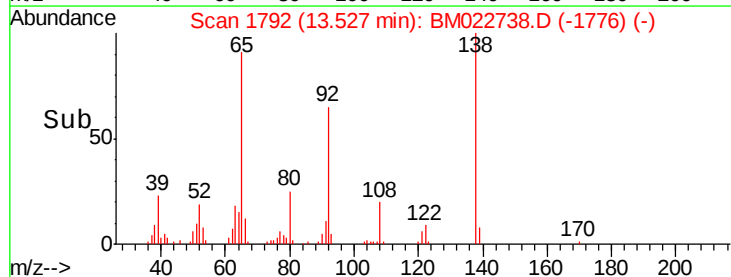
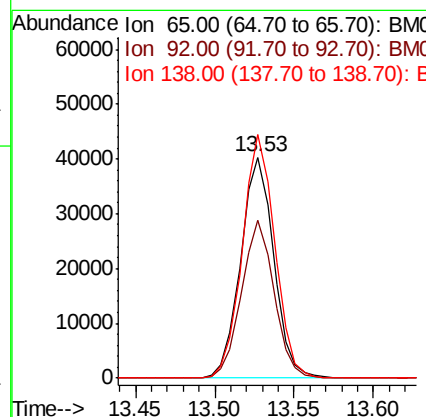
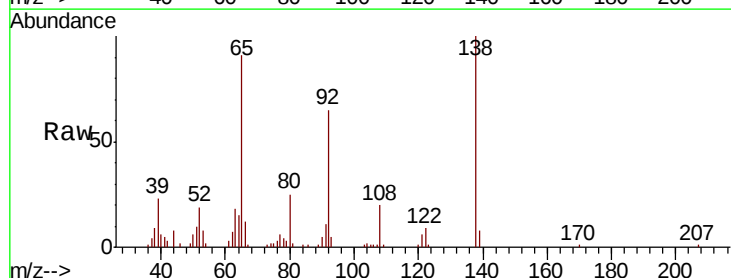
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#48
2-Nitroaniline
Concen: 7.817 ng
RT: 13.53 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	58355		
92	71.6		58.6	87.8
138	110.2		95.4	143.0





#49

Acenaphthylene

Concen: 9.530 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

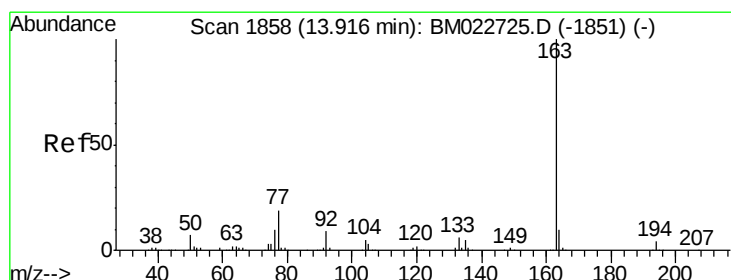
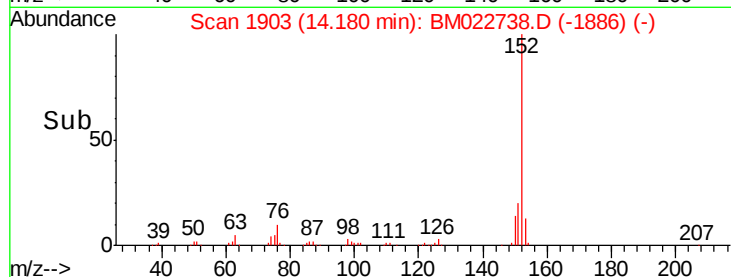
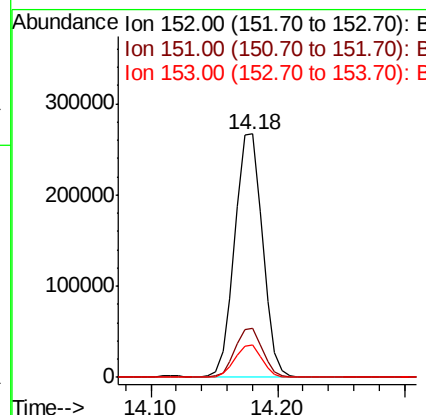
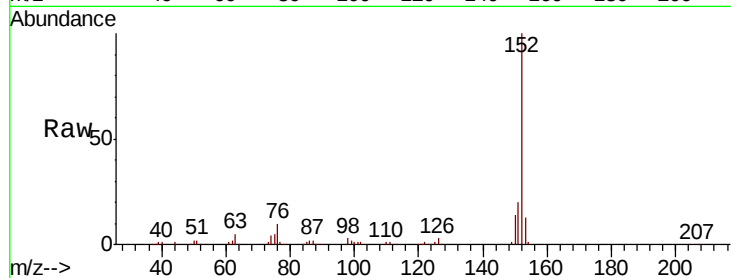
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	152	Resp:	404612
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.2	10.5	15.7

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#50

Dimethylphthalate

Concen: 9.161 ng

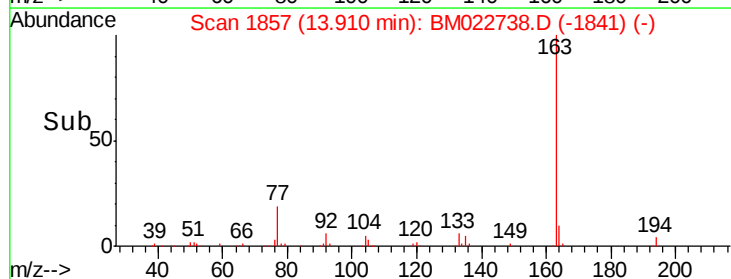
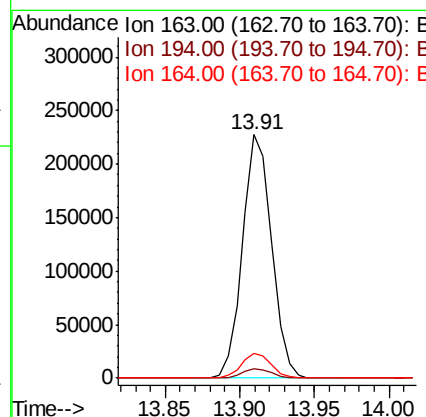
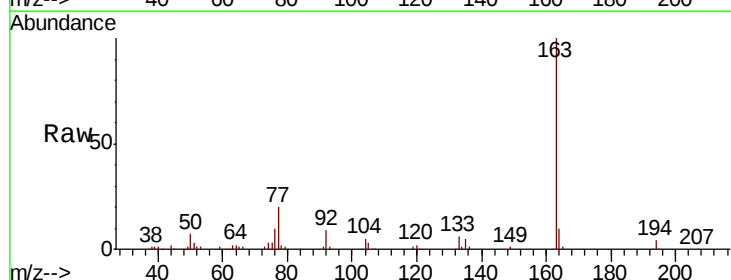
RT: 13.91 min Scan# 1857

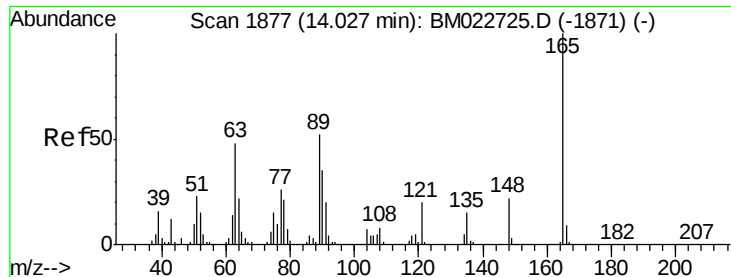
Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	163	Resp:	307711
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.2





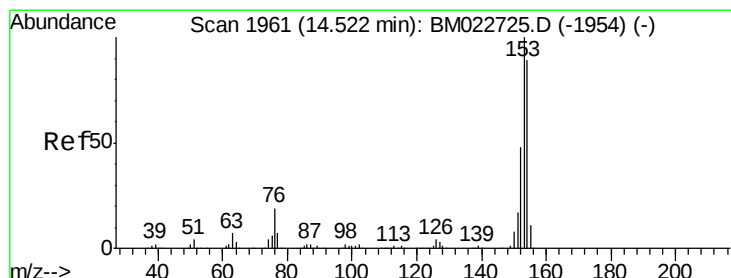
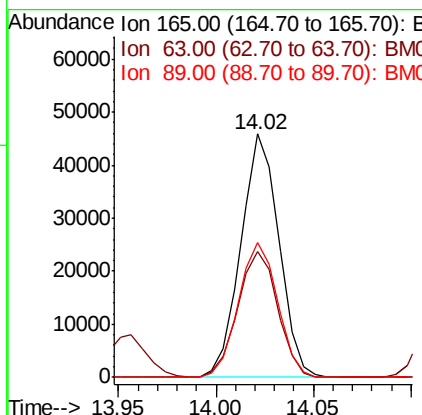
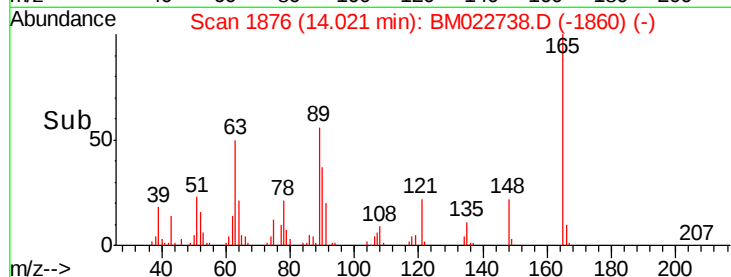
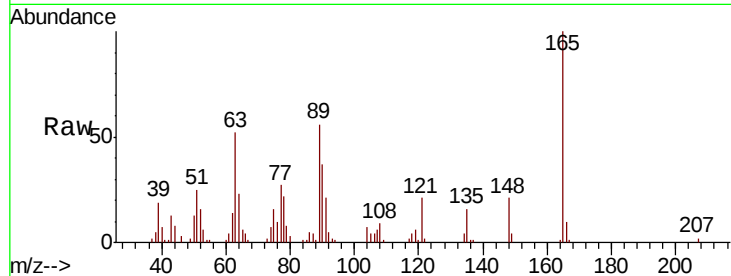
#51
 2,6-Dinitrotoluene
 Concen: 8.837 ng
 RT: 14.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	62083		
63	51.7		38.6	58.0
89	55.5		41.6	62.4

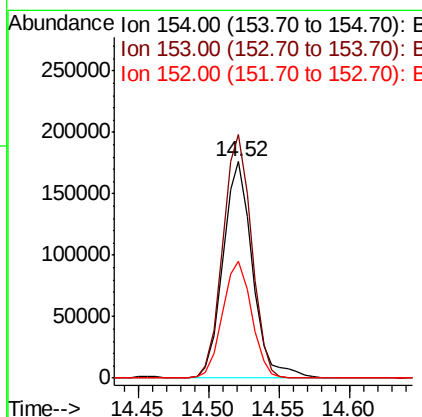
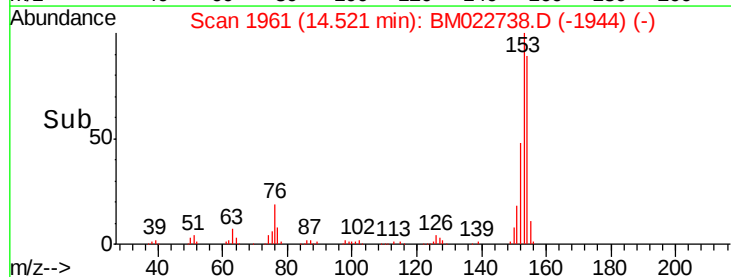
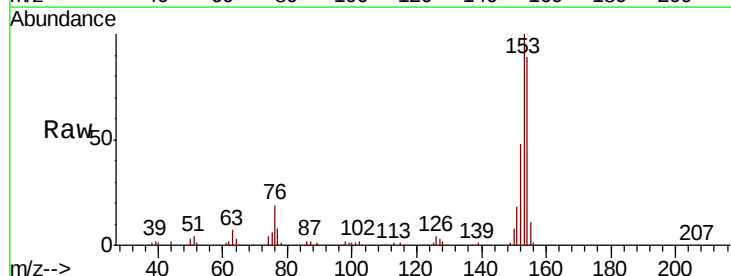
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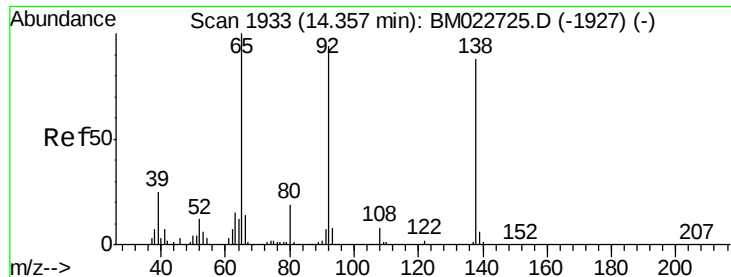
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#52
 Acenaphthene
 Concen: 9.273 ng
 RT: 14.52 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	257565		
153	112.4		90.0	135.0
152	54.2		42.9	64.3





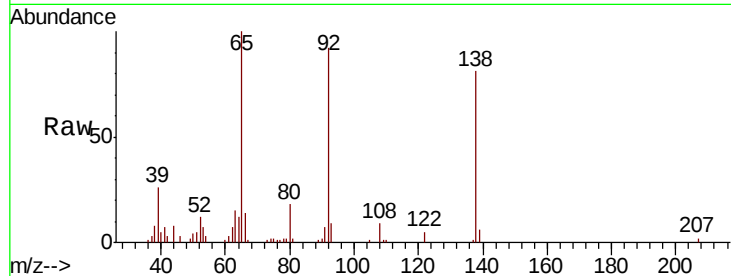
#53
3-Nitroaniline
Concen: 7.729 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

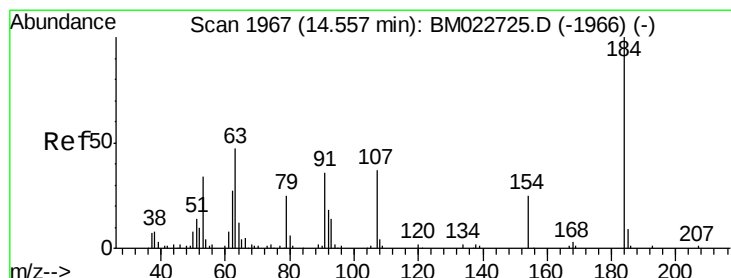
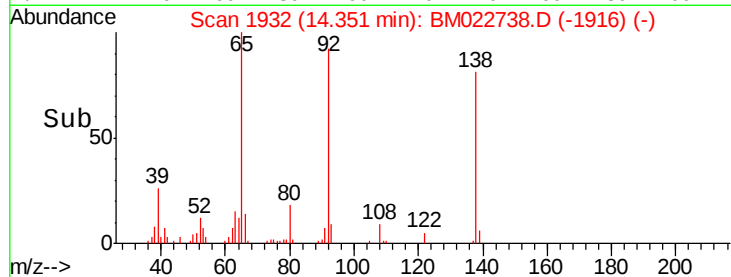
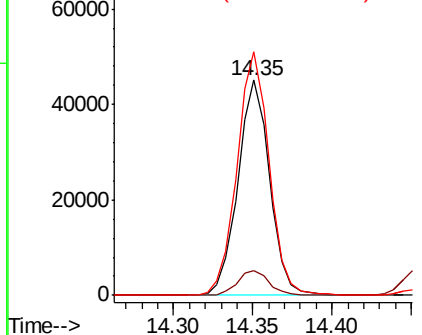
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.3	10.9#
92	113.1	86.3	129.5

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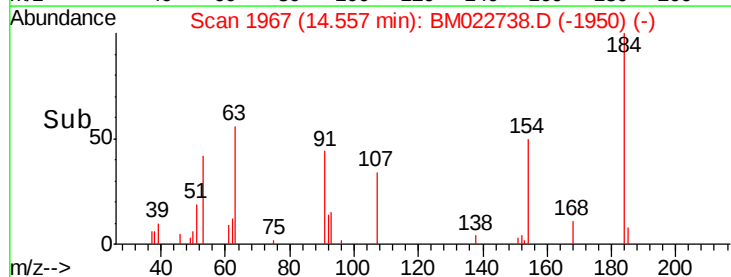
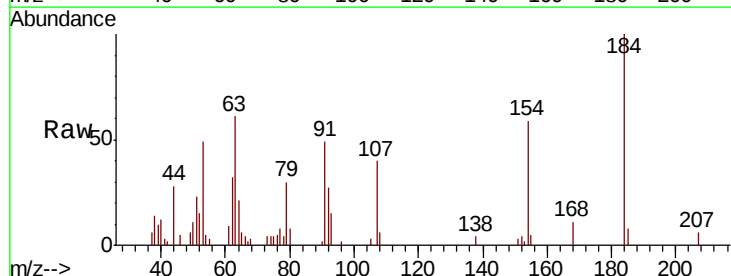
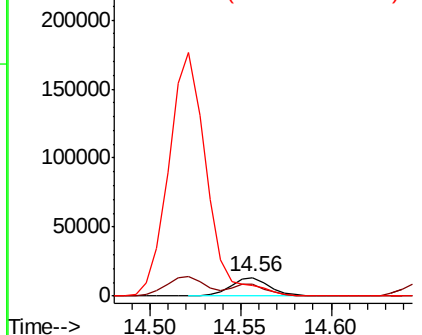
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

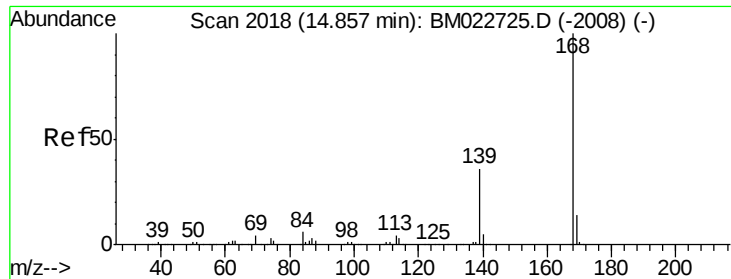


#54
2,4-Dinitrophenol
Concen: 5.990 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	48.5	72.7
154	58.8	48.1	72.1

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





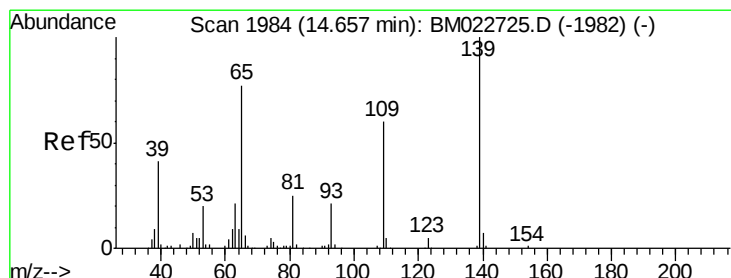
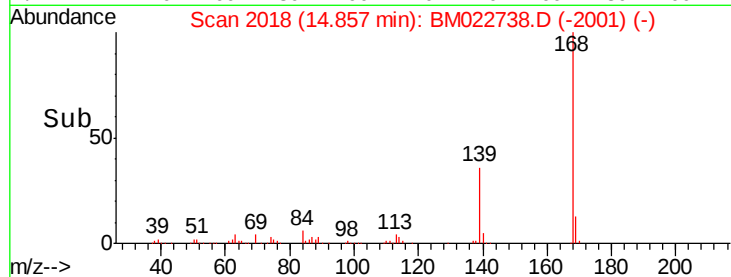
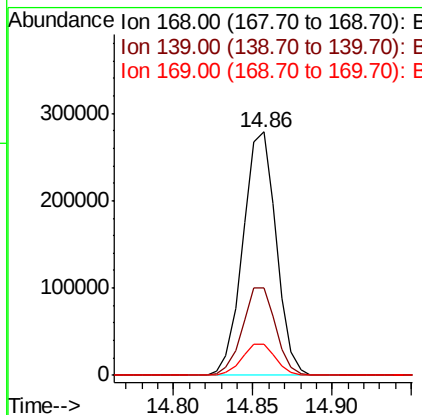
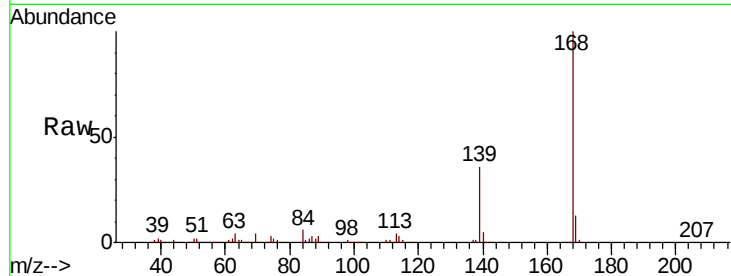
#55
Dibenzenofuran
Concen: 9.954 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
168	100	403619		
139	35.8		28.8	43.2
169	13.0		10.9	16.3

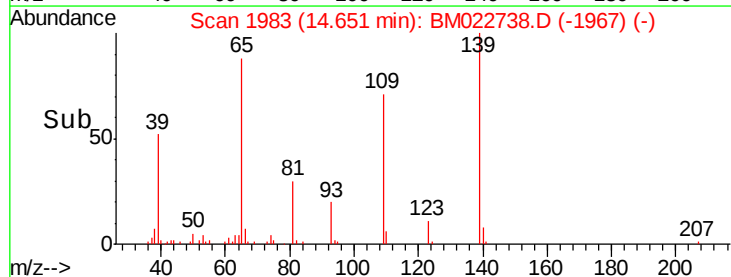
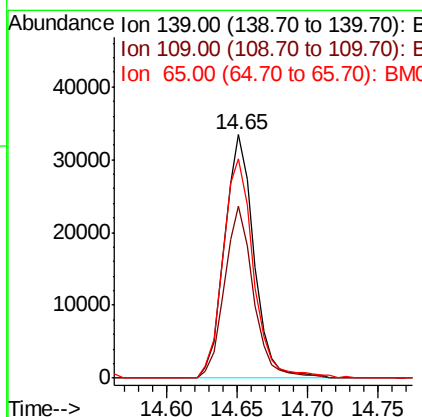
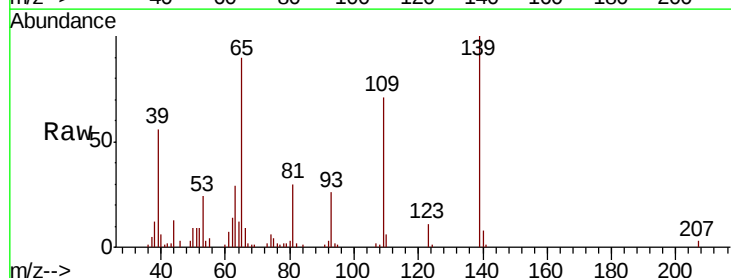
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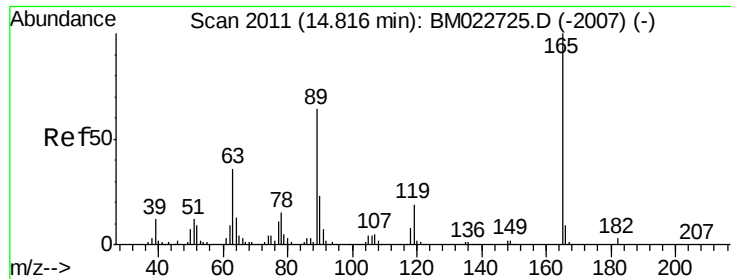
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#56
4-Nitrophenol
Concen: 7.816 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	48590		
109	70.8		44.8	84.8
65	90.3		66.6	106.6





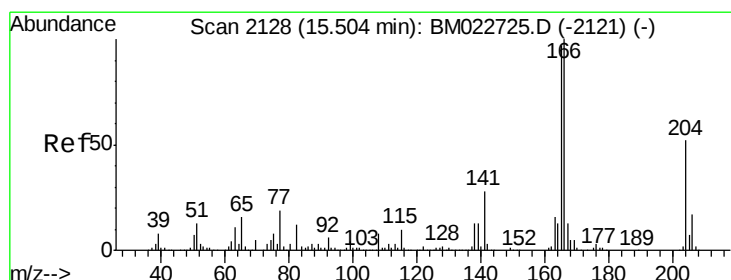
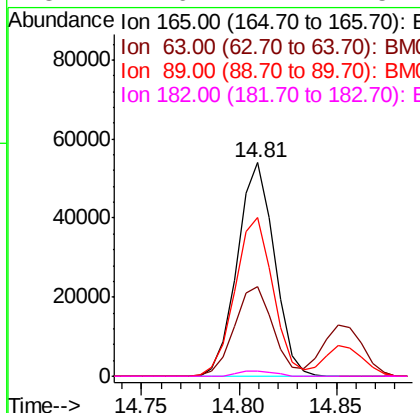
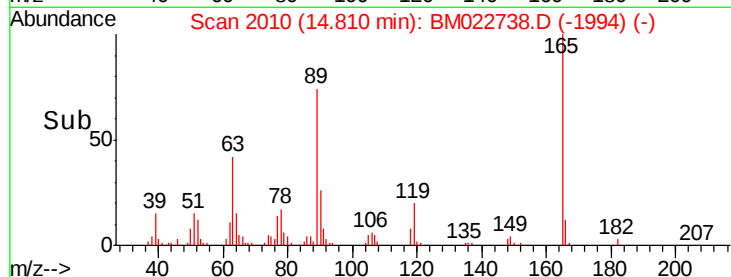
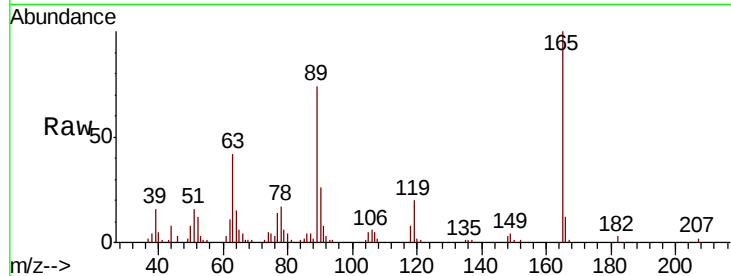
#57
2,4-Dinitrotoluene
Concen: 7.747 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	30.1	45.1
89	74.1	52.5	78.7
182	2.6	2.2	3.4

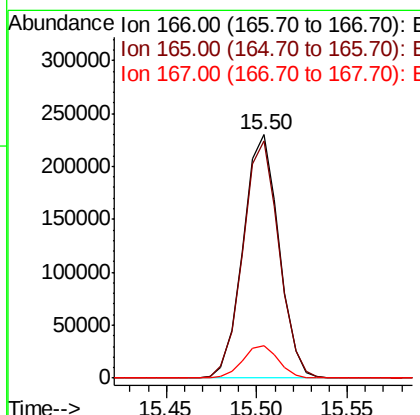
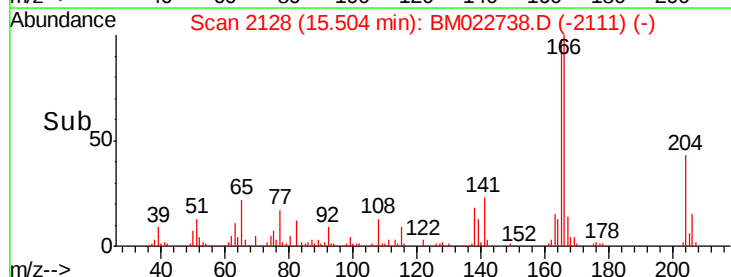
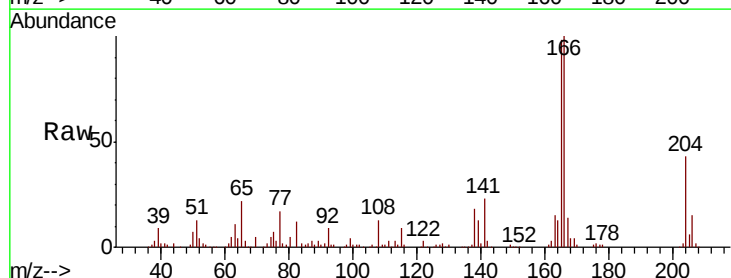
Manual Integrations
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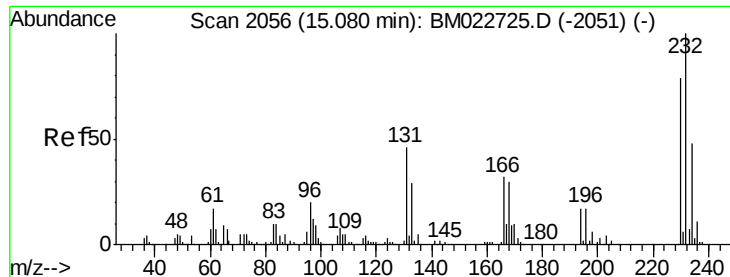
mohammad
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#58
Fluorene
Concen: 9.583 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.6	116.4
167	13.6	10.8	16.2





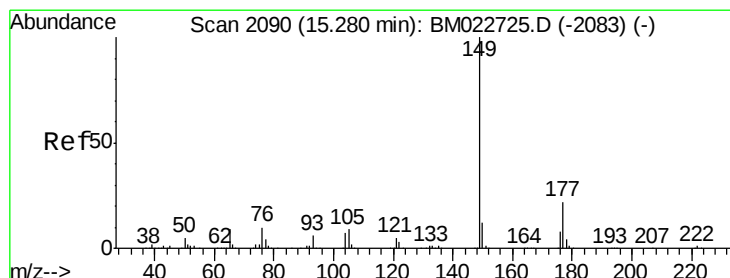
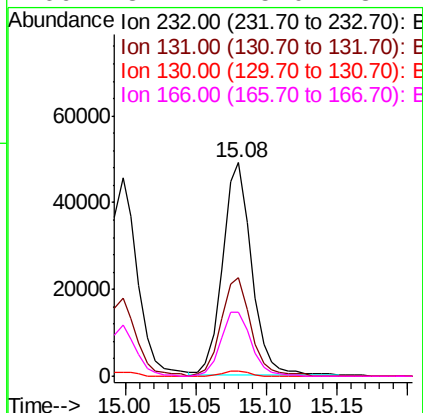
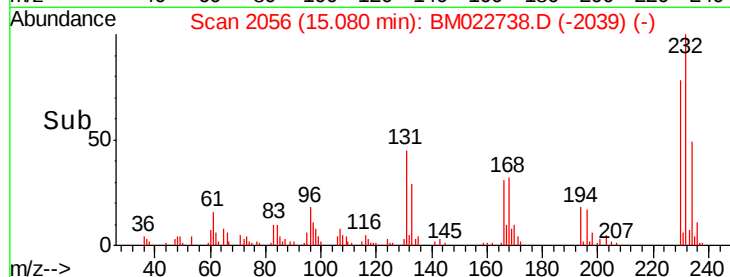
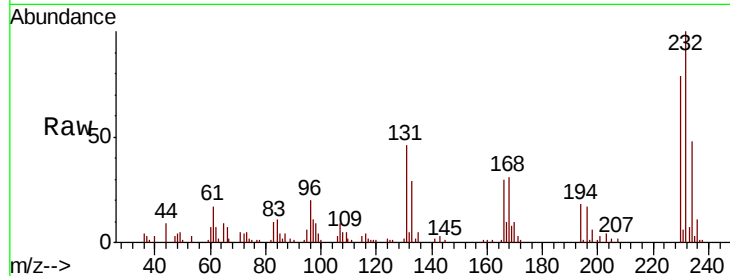
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.402 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:	232	Resp:	69403
Ion Ratio	Lower	Upper	
232	100		
131	47.9	36.3	54.5
130	2.3	1.8	2.8
166	32.2	25.0	37.4

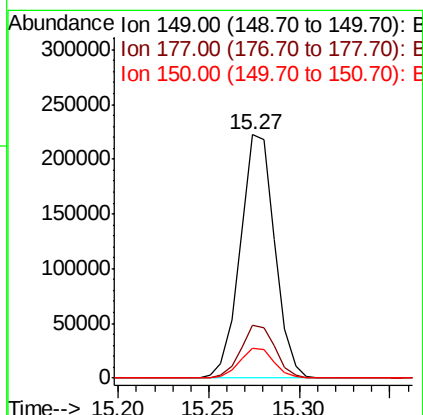
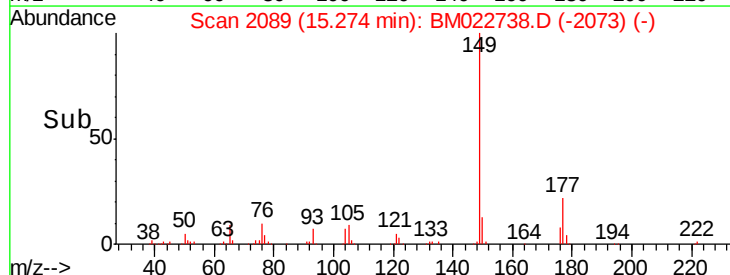
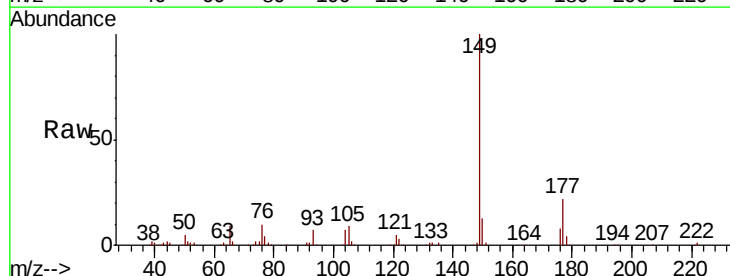
Manual Integrations
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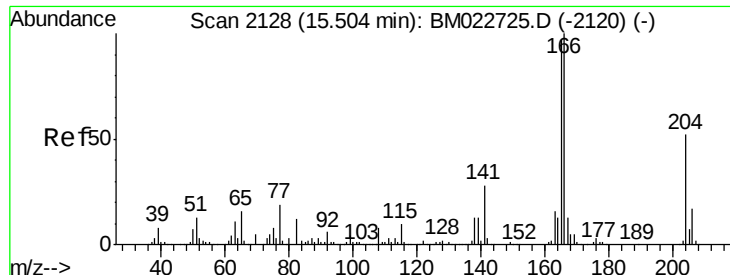
mohammad
 9/24/2019 8:35:05 AM



#60
 Diethylphthalate
 Concen: 8.967 ng
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion:	149	Resp:	292868
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.6	26.4
150	12.5	9.9	14.9





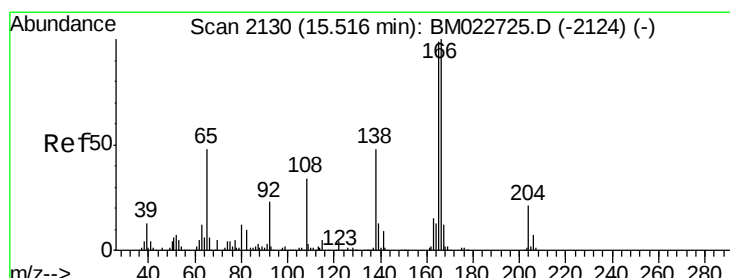
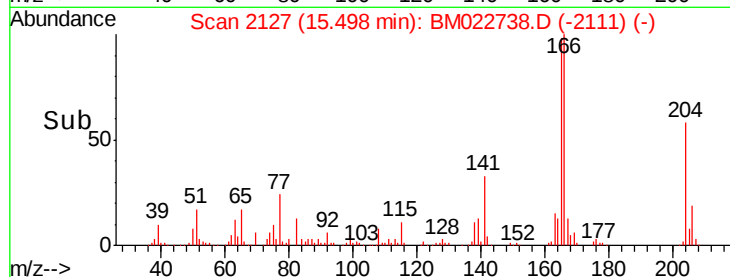
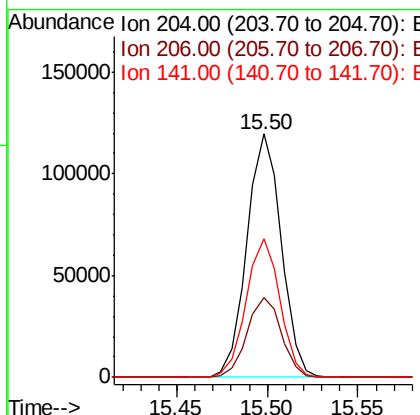
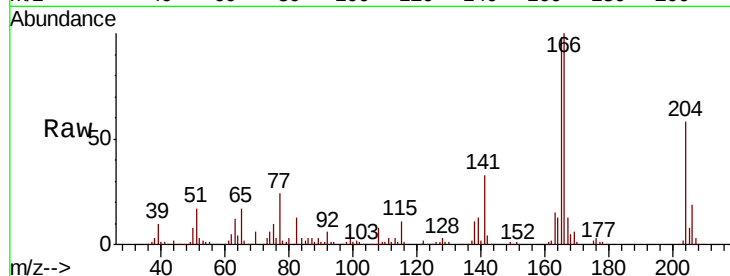
#61
 4-Chlorophenyl-phenylether
 Concen: 9.317 ng
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	157743		
206	32.9	26.2	39.4	
141	56.7	42.6	64.0	

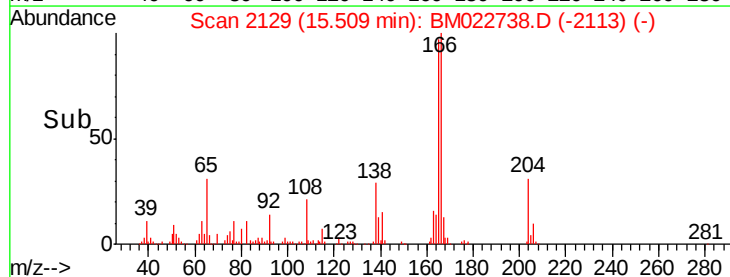
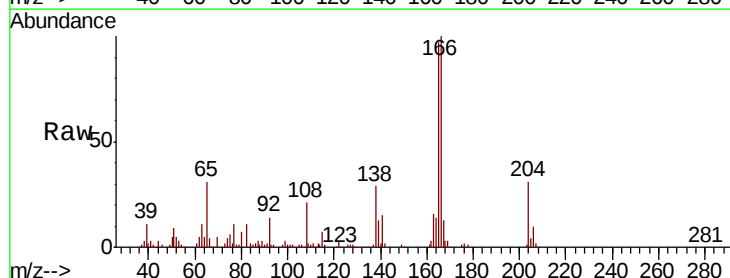
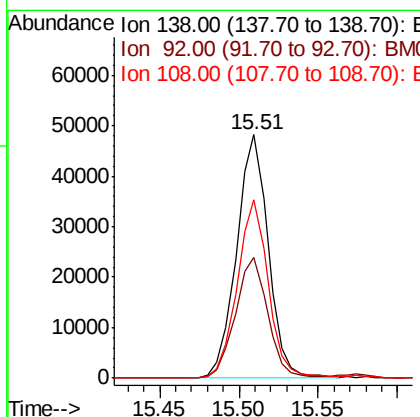
Manual Integrations
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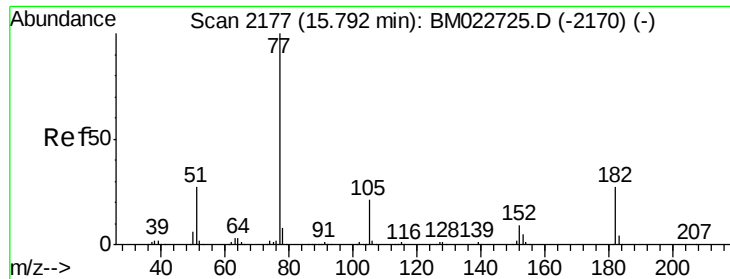
mohammad
 9/24/2019 8:35:05 AM



#62
 4-Nitroaniline
 Concen: 7.877 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	66790		
92	49.7	28.7	68.7	
108	73.4	50.3	90.3	





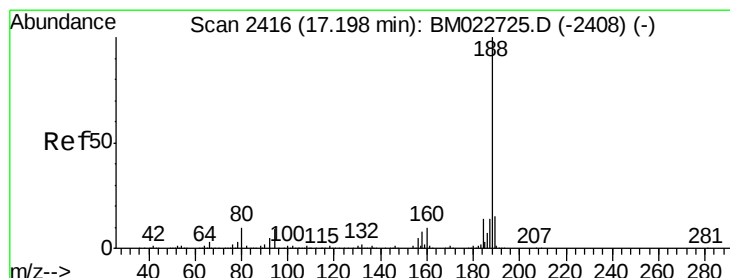
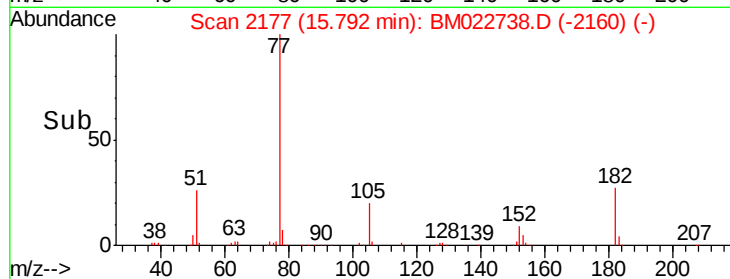
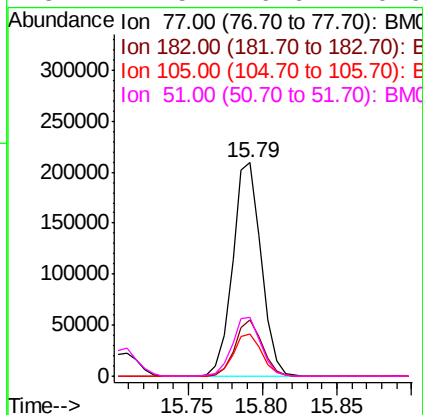
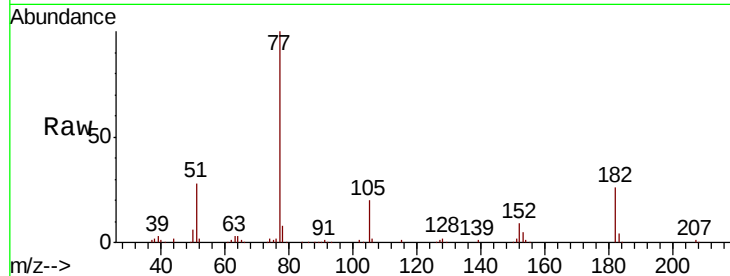
#63
Azobenzene
Concen: 9.455 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		278846		
182	26.4	7.0	47.0		
105	19.9	0.9	40.9		
51	27.5	6.6	46.6		

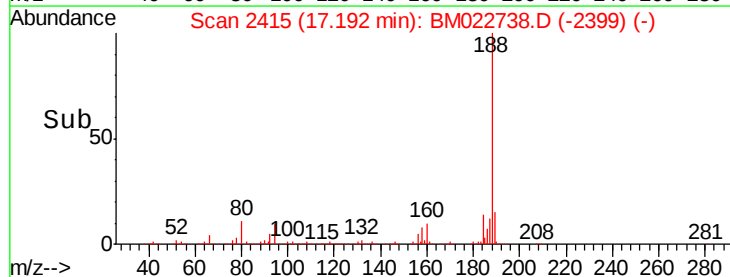
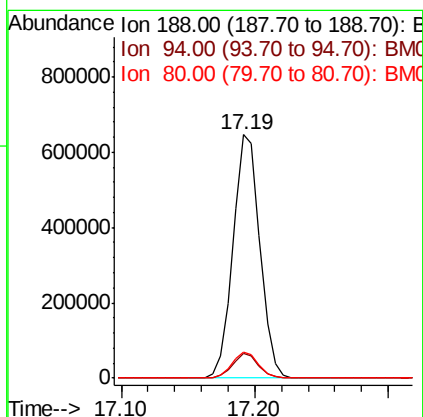
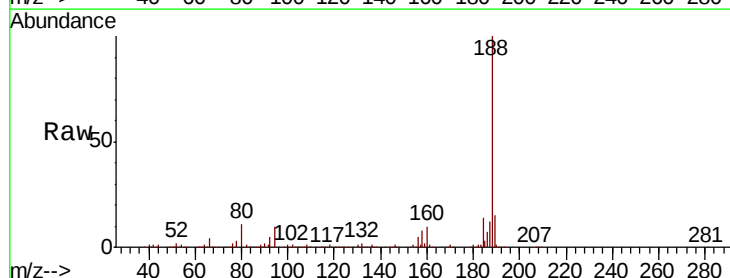
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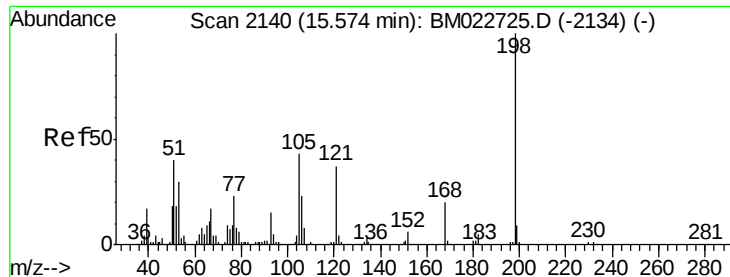
mohammad
9/24/2019 8:35:05 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		906697		
94	10.1	7.3	10.9		
80	10.7	7.8	11.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 7.352 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

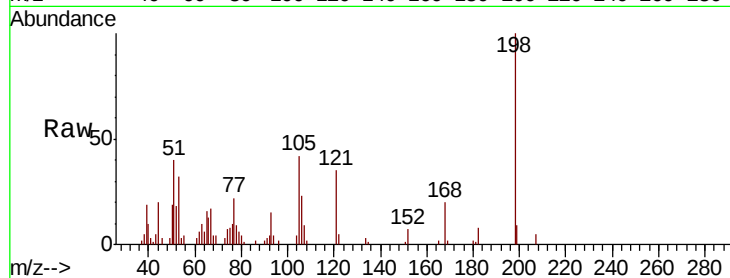
ClientSampleId :

LOQ-WATER-02-QT3-2019

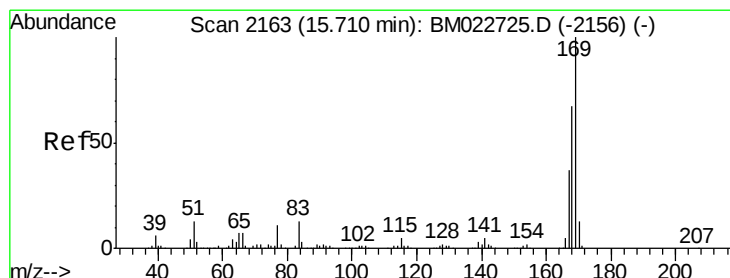
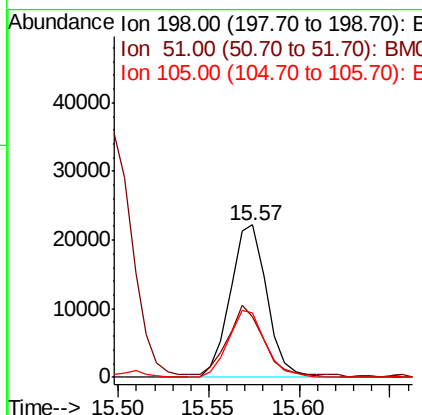
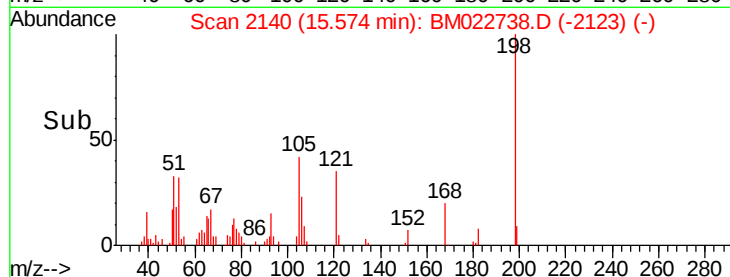
Tot Ion:	198	Resp:	31220
Ion Ratio	Lower	Upper	
198	100		
51	40.1	21.0	61.0
105	42.0	22.5	62.5

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.479 ng

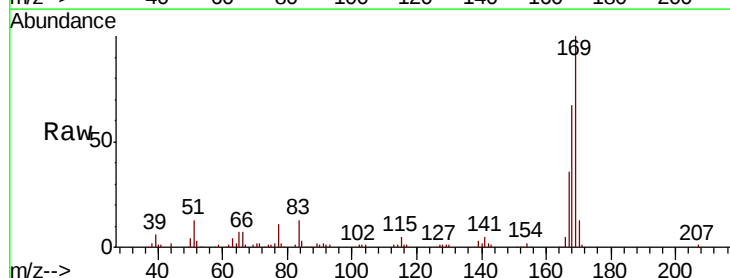
RT: 15.71 min Scan# 2163

Delta R.T. -0.00 min

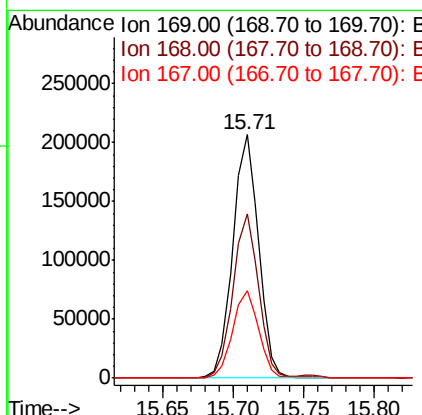
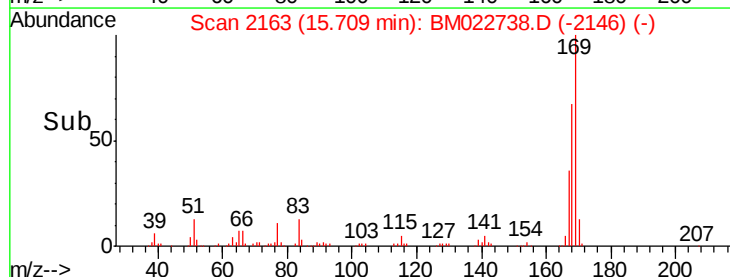
Lab File: BM022738.D

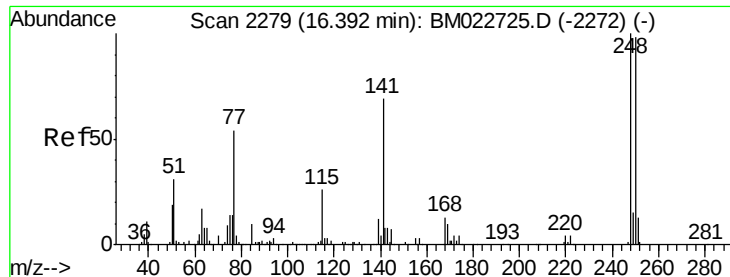
Acq: 20 Sep 2019 22:44

Tgt Ion:	169	Resp:	262552
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.4	80.2
167	35.8	29.3	43.9



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: 8.848 ng

RT: 16.39 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

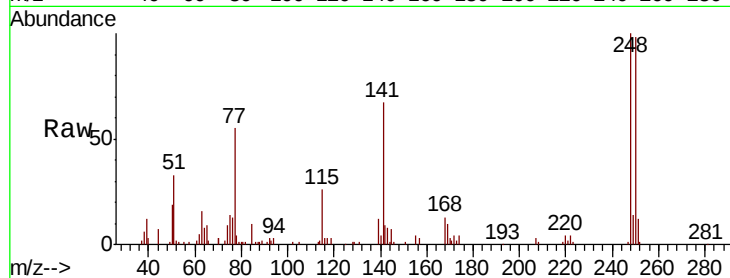
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	248	Resp:	89229
Ion Ratio	Lower	Upper	
248	100		
250	98.2	78.4	117.6
141	66.7	55.1	82.7

Manual Integrations
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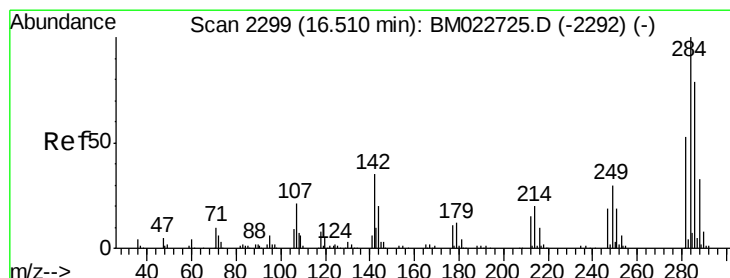
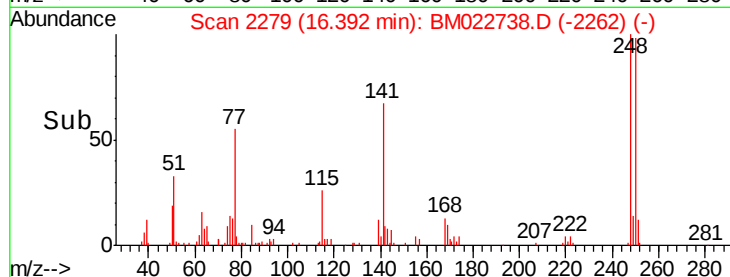
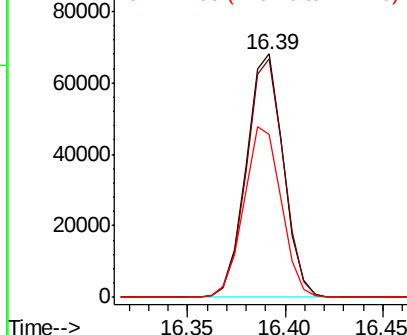


Abundance

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: 8.950 ng

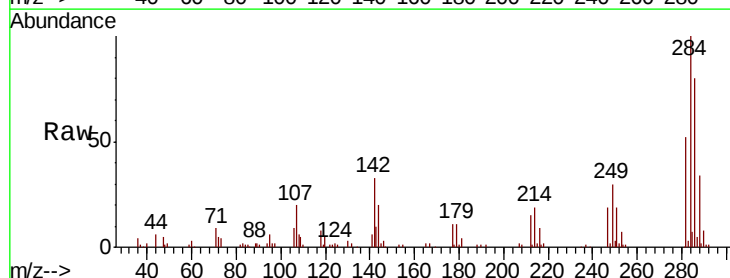
RT: 16.51 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	284	Resp:	105258
Ion Ratio	Lower	Upper	
284	100		
142	32.8	27.8	41.8
249	29.8	24.4	36.6

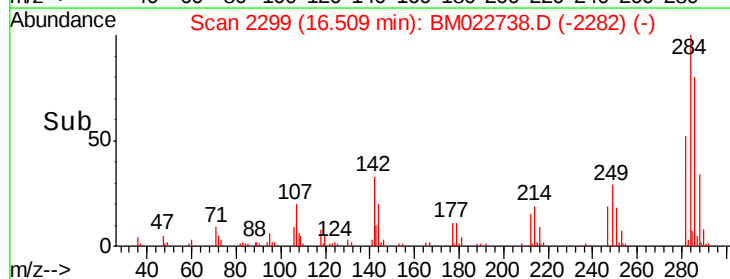
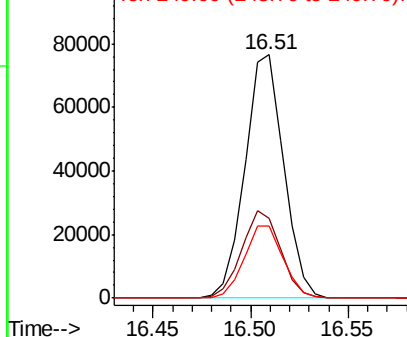


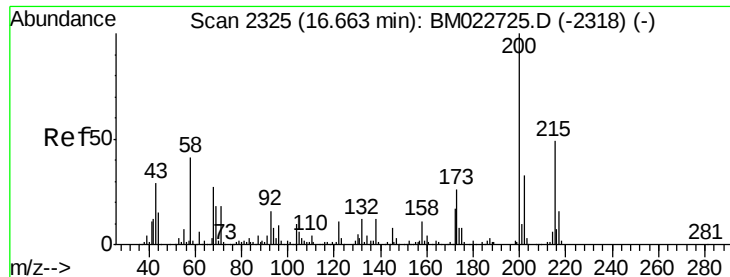
Abundance

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





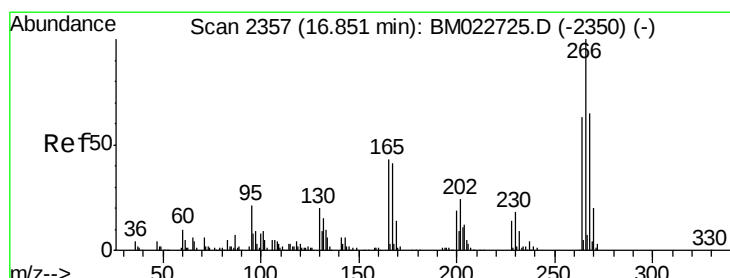
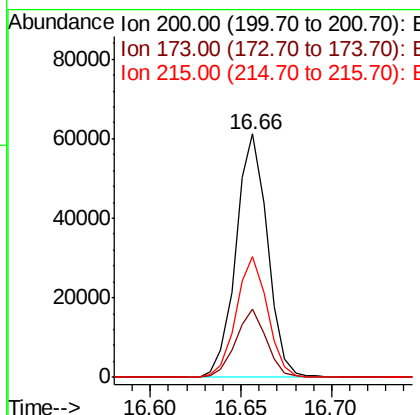
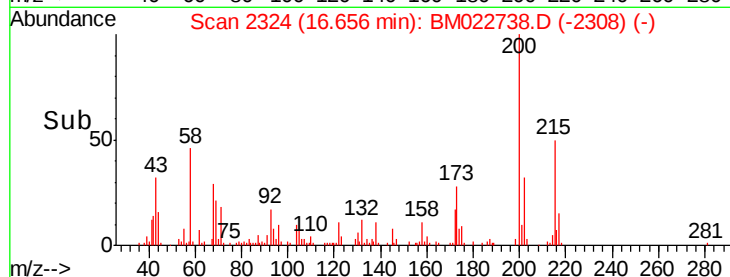
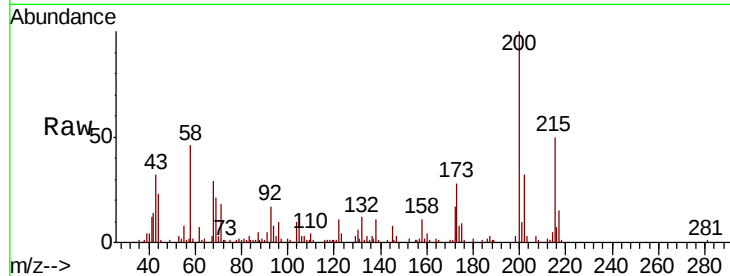
#69
Atrazine
Concen: 8.209 ng
RT: 16.66 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	5.8	45.8
215	49.6	29.2	69.2

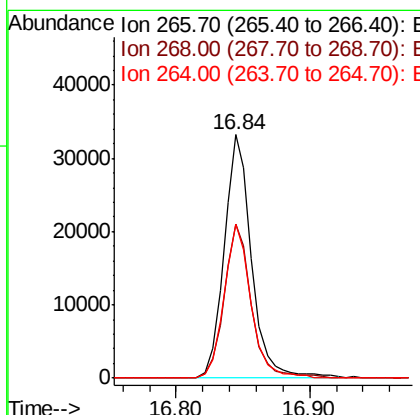
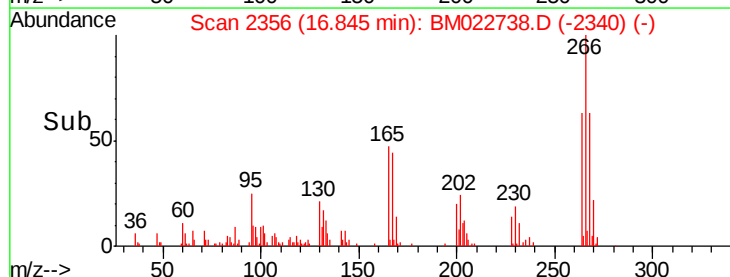
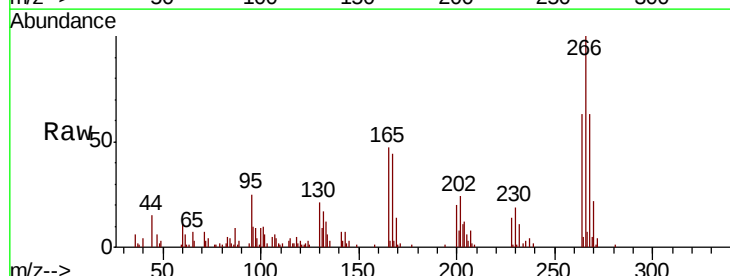
Manual Integrations
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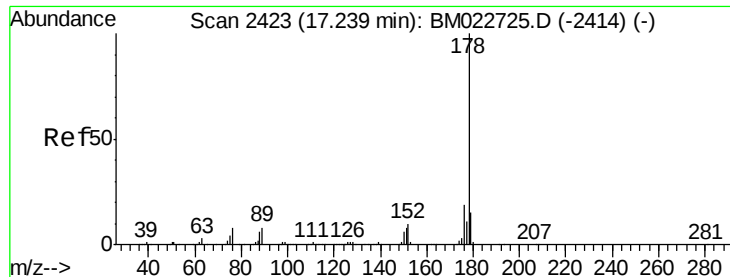
mohammad
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#70
Pentachlorophenol
Concen: 7.619 ng
RT: 16.84 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.8	77.6
264	63.2	50.2	75.4





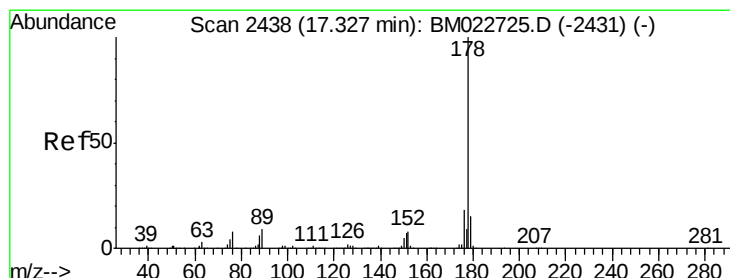
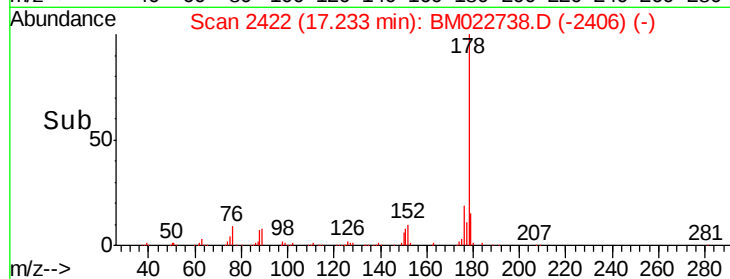
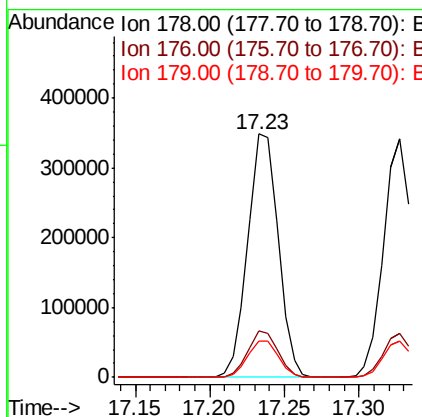
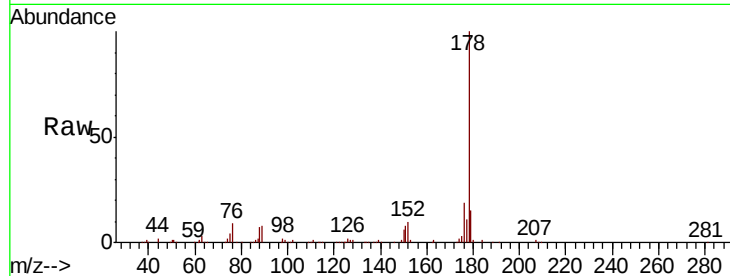
#71
Phenanthrene
Concen: 9.637 ng
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.1	12.3	18.5

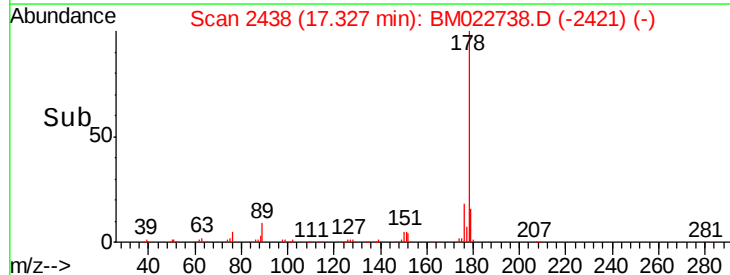
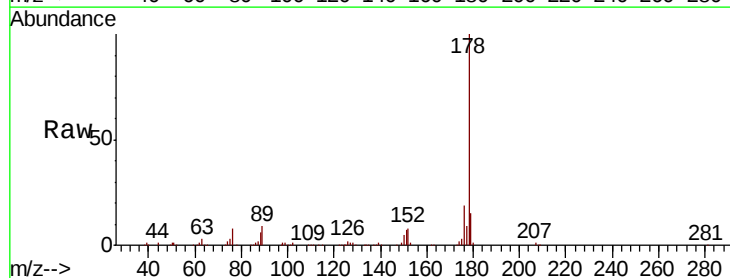
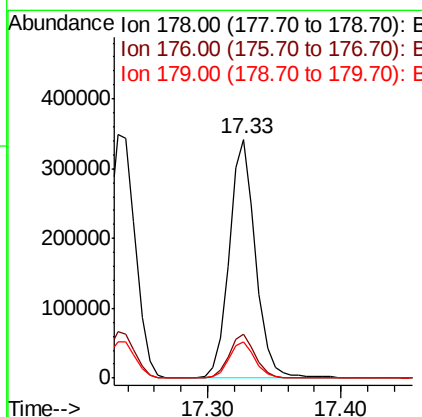
Manual Integrations
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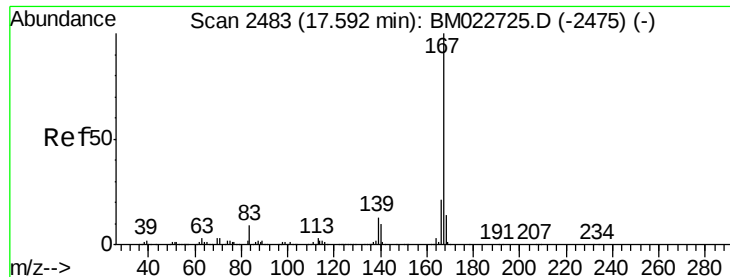
mohammad
9/24/2019 8:35:05 AM



#72
Anthracene
Concen: 9.405 ng
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.5	12.2	18.4





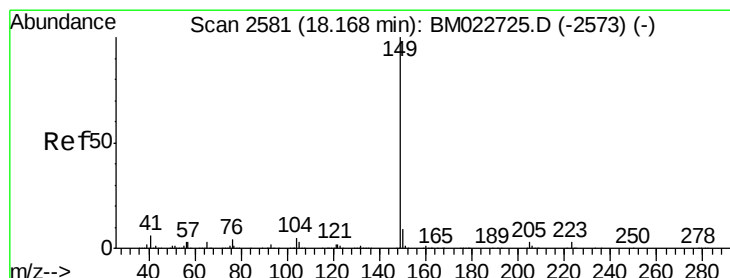
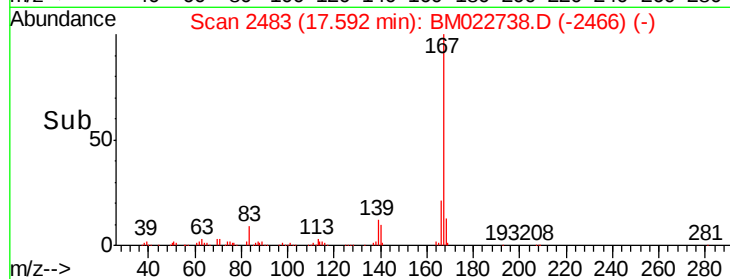
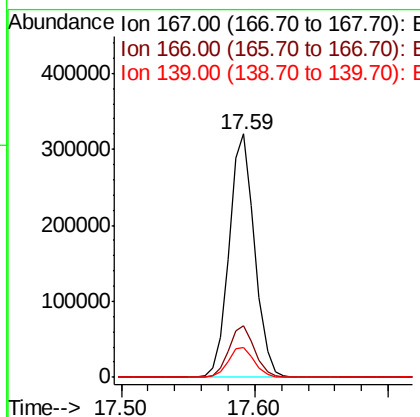
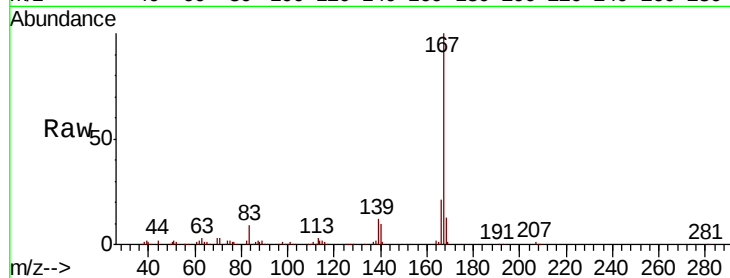
#73
 Carbazole
 Concen: 9.266 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	12.4	10.1	15.1

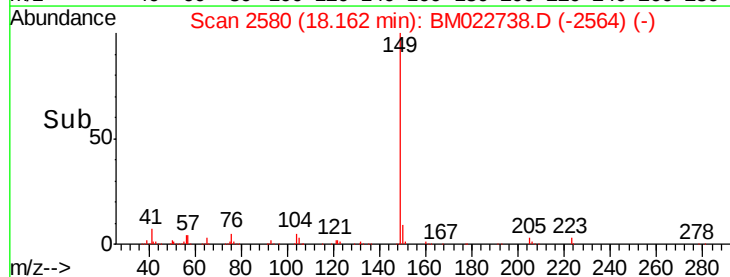
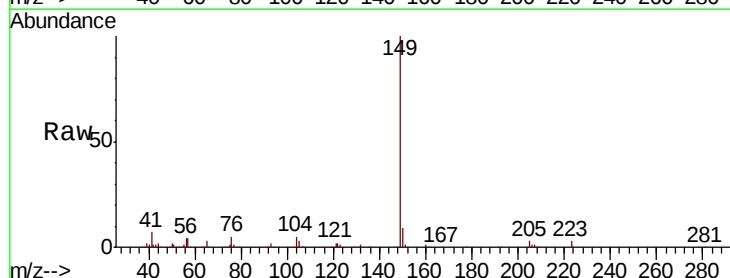
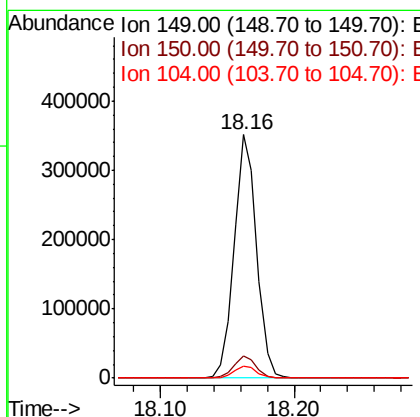
Manual Integrations
 APPROVED

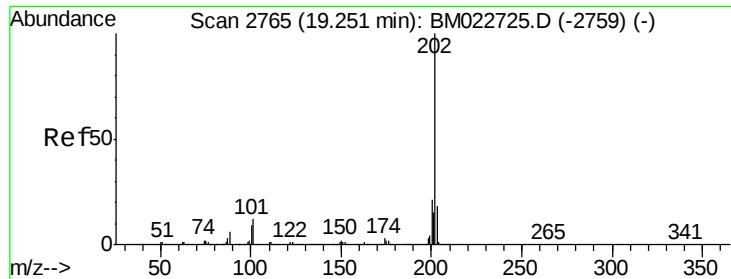
mohammad
 9/24/2019 8:35:05 AM



#74
 Di-n-butylphthalate
 Concen: 7.856 ng
 RT: 18.16 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.1	3.8	5.6





#75

Fluoranthene

Concen: 9.049 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

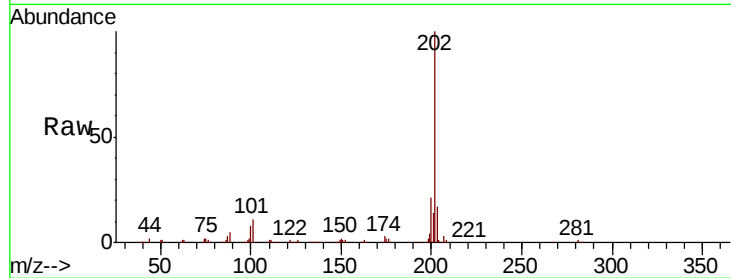
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
202	100	522414		
101	10.8	0.0	32.1	
203	17.3	0.0	37.7	

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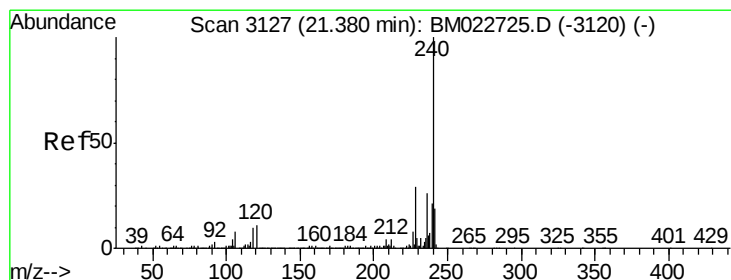
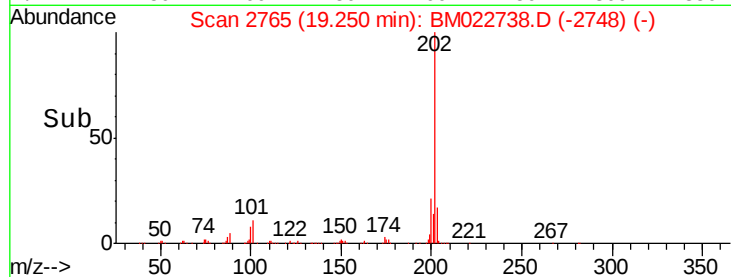
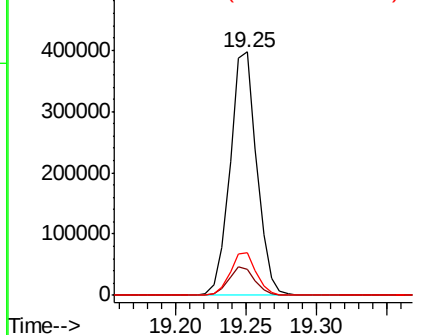


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

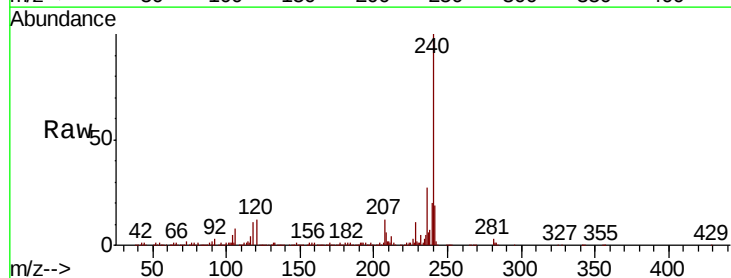
RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	855744		
120	11.7	8.8	13.2	
236	26.5	20.8	31.2	

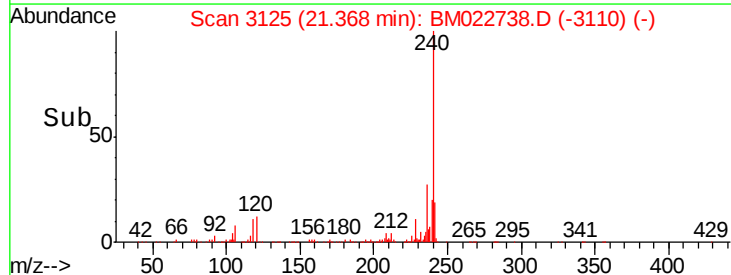
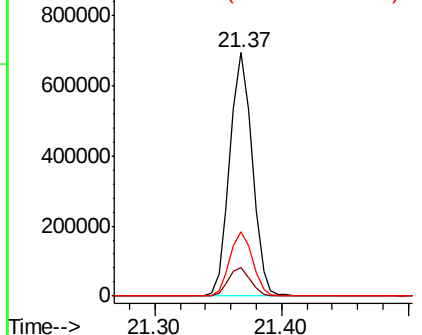


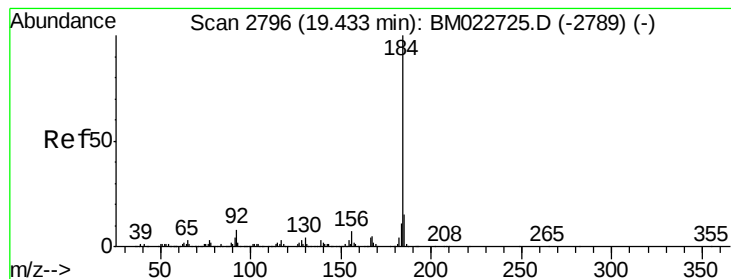
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





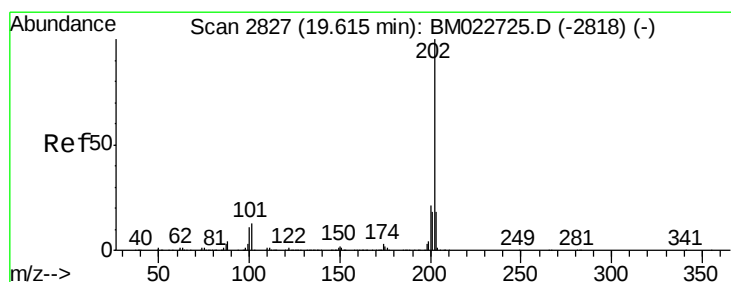
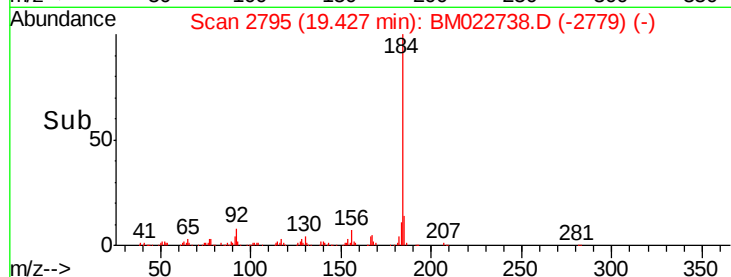
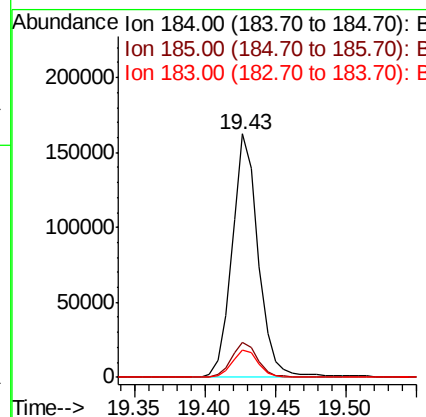
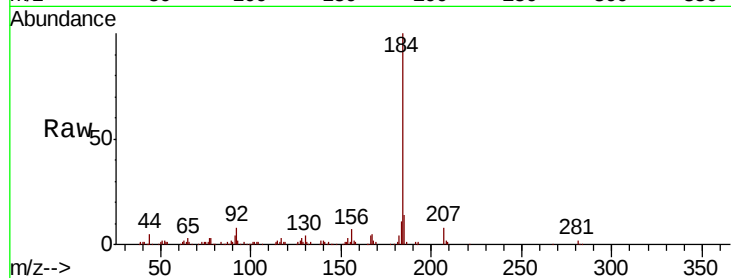
#77
Benzidine
Concen: 8.915 ng
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
184	100	209280		
185	14.2		11.6	17.4
183	11.1		9.1	13.7

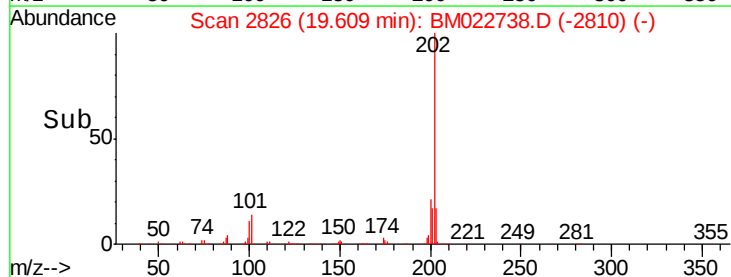
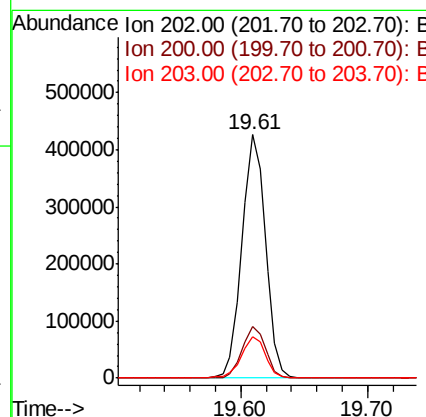
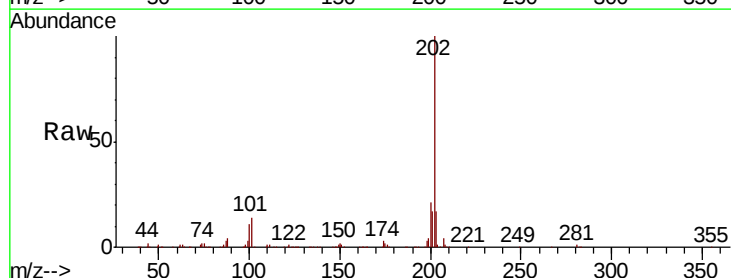
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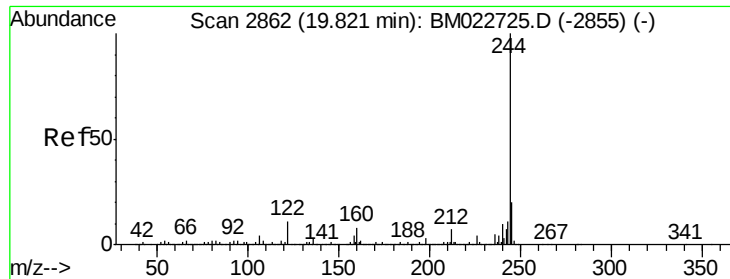
mohammad
9/24/2019 8:35:05 AM



#78
Pyrene
Concen: 9.789 ng
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	548979		
200	21.0		16.7	25.1
203	17.2		14.1	21.1





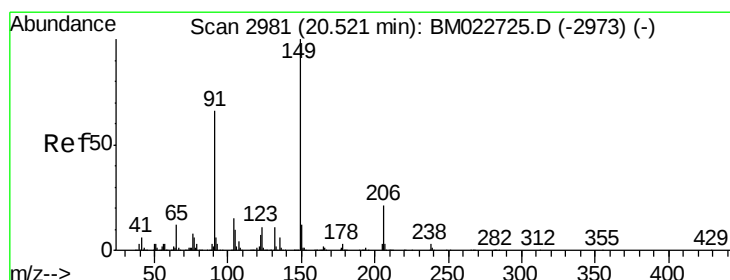
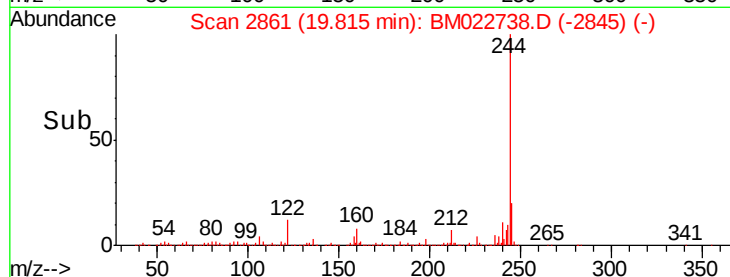
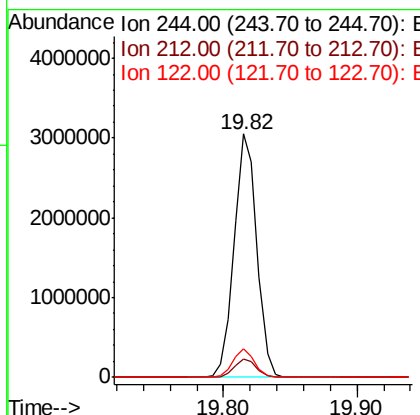
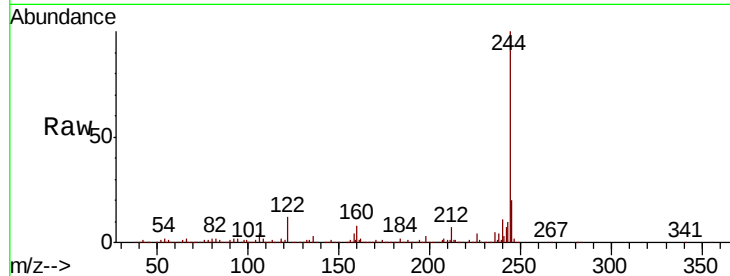
#79
 Terphenyl-d14
 Concen: 82.039 ng
 RT: 19.82 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2019

Tot Ion:244 Resp: 3625577
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.6 9.0 13.4

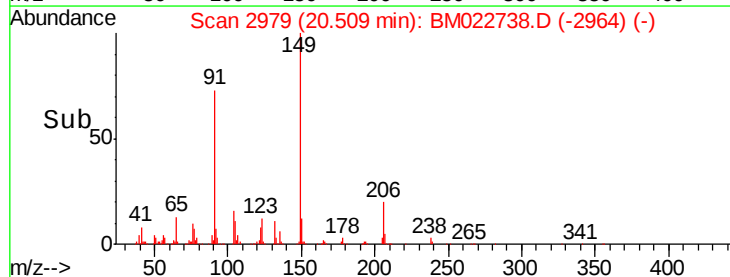
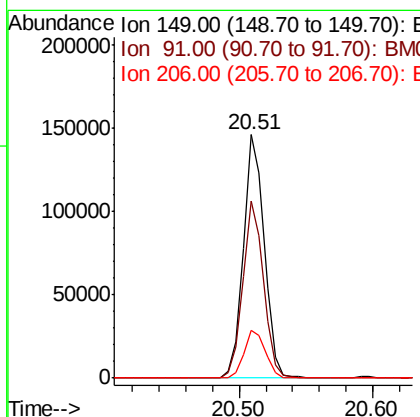
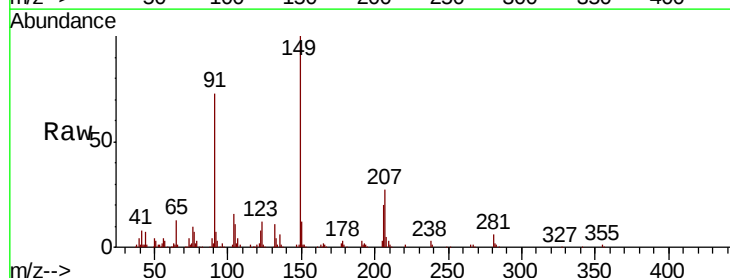
Manual Integrations
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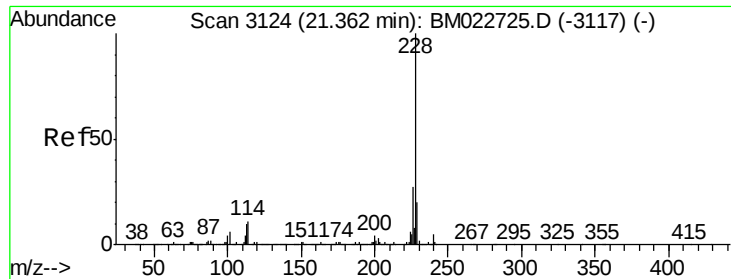
mohammad
 9/24/2019 8:35:05 AM



#80
 Butylbenzylphthalate
 Concen: 7.402 ng
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BM022738.D
 Acq: 20 Sep 2019 22:44

Tgt Ion:149 Resp: 157771
 Ion Ratio Lower Upper
 149 100
 91 73.0 53.0 79.4
 206 19.7 16.9 25.3





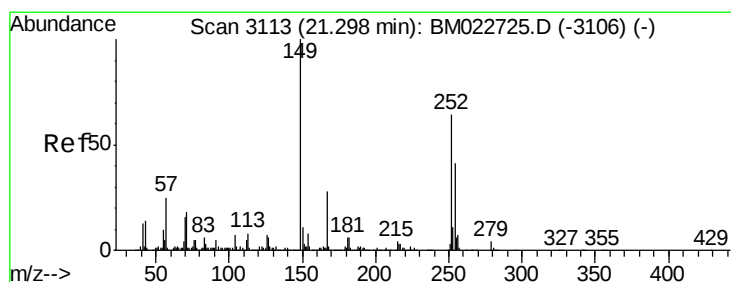
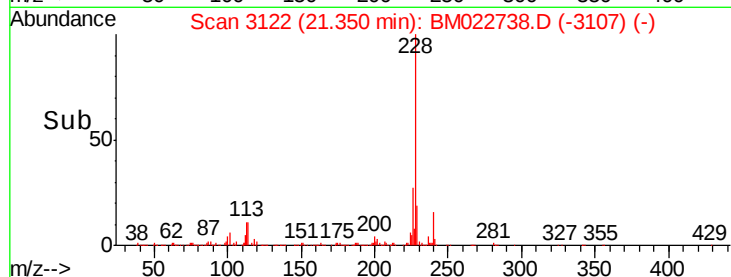
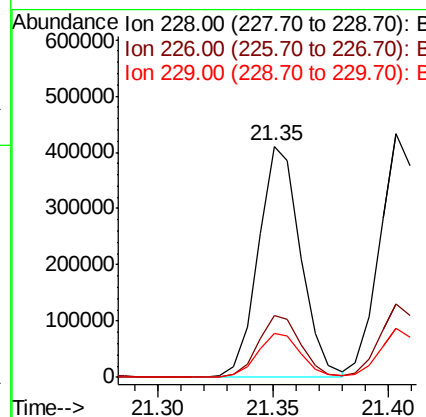
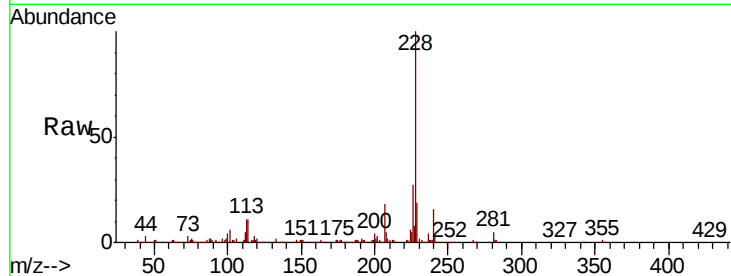
#81
Benzo(a)anthracene
Concen: 9.451 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.0	33.0
229	19.2	15.9	23.9

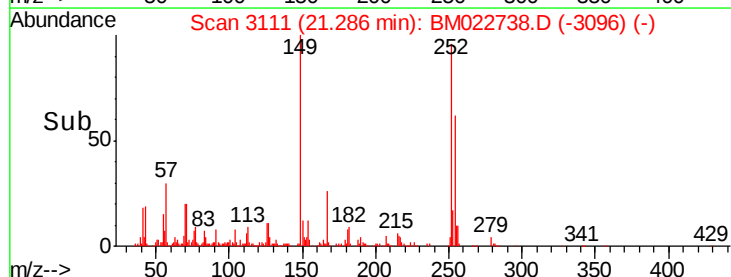
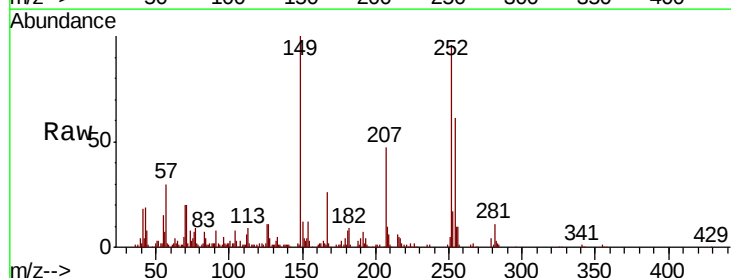
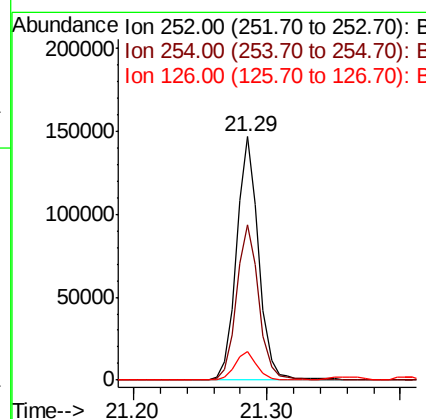
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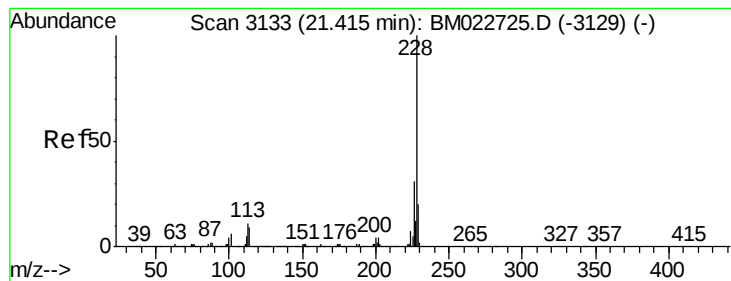
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 8.675 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.7	77.5
126	11.7	8.3	12.5





#83

Chrvsene

Concen: 9.681 ng

RT: 21.40 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

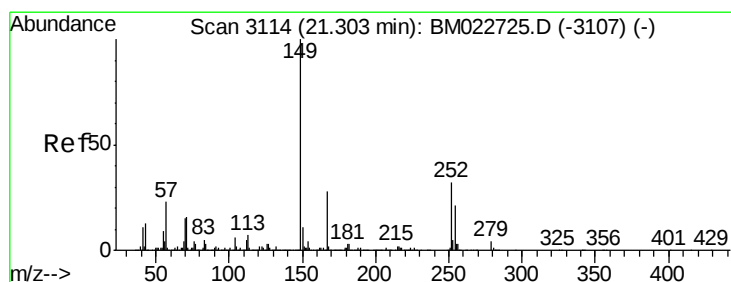
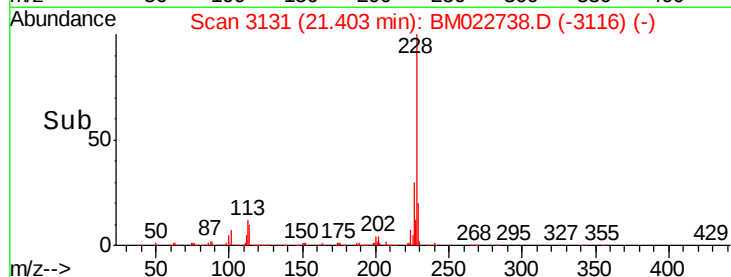
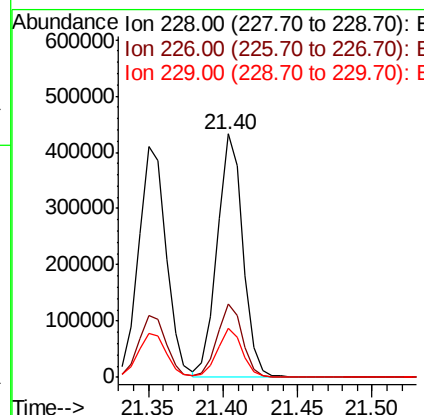
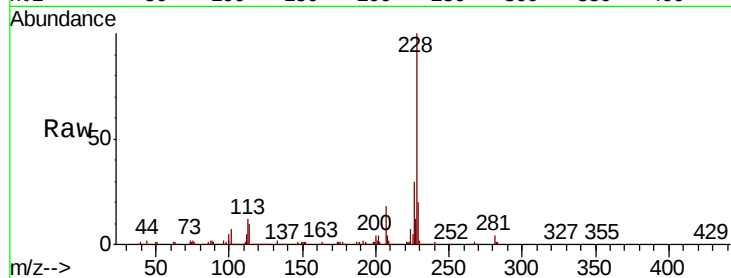
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	228	Resp:	520529
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.5	36.7
229	19.9	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 7.557 ng

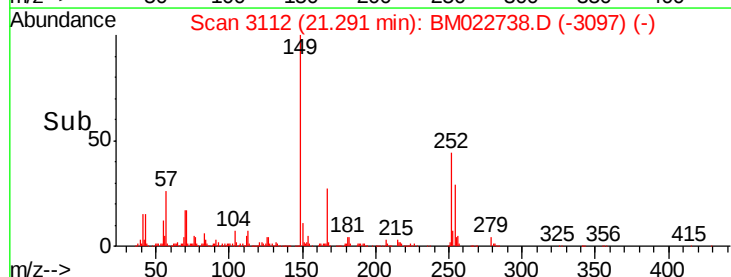
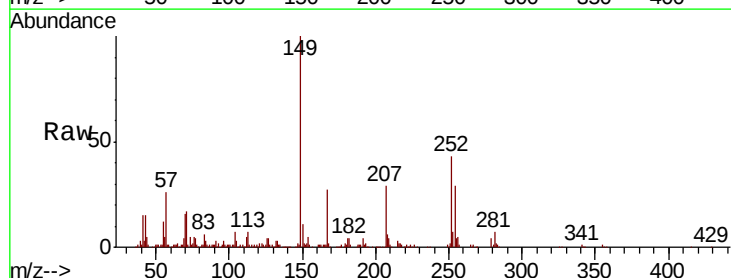
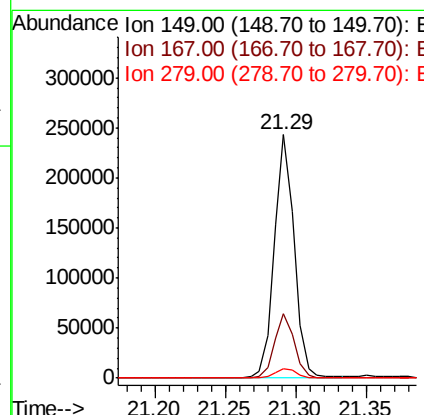
RT: 21.29 min Scan# 3112

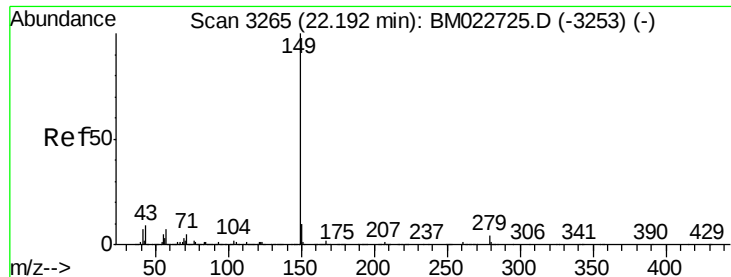
Delta R.T. -0.01 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	149	Resp:	238642
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.1	33.1
279	3.8	3.4	5.0





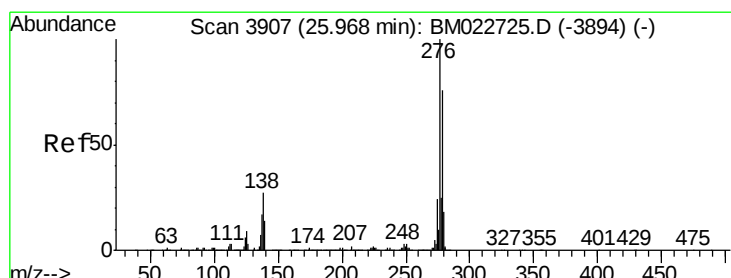
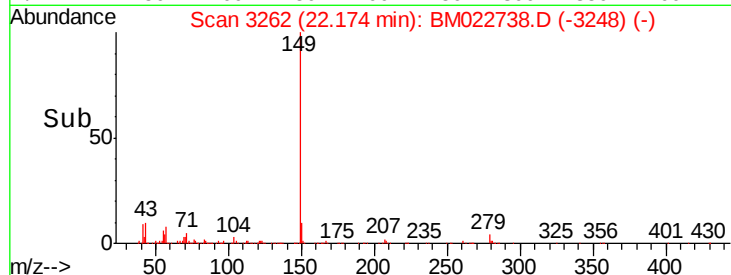
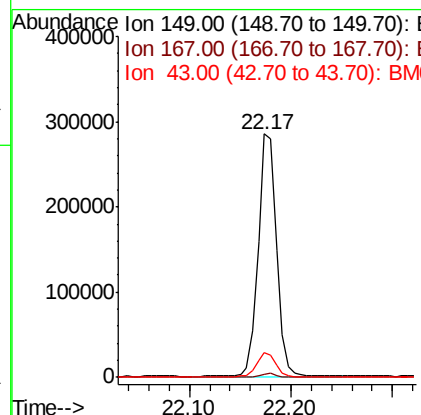
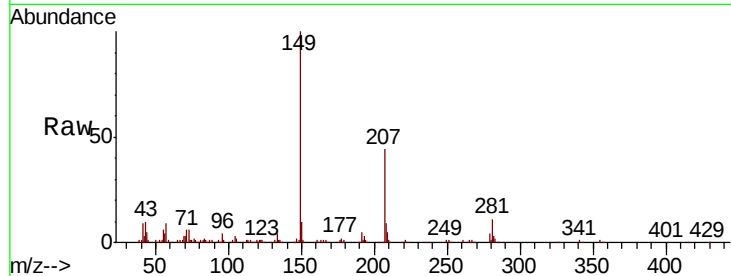
#85
Di-n-octyl phthalate
Concen: 7.087 ng
RT: 22.17 min Scan# 3262
Delta R.T. -0.02 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Resp	Lower	Upper
149	100	356711		
167	1.6		1.3	1.9
43	10.3		7.4	11.0

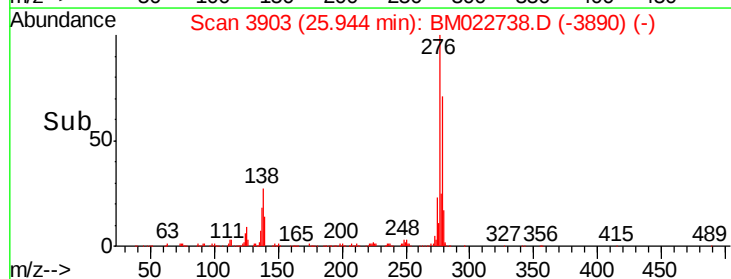
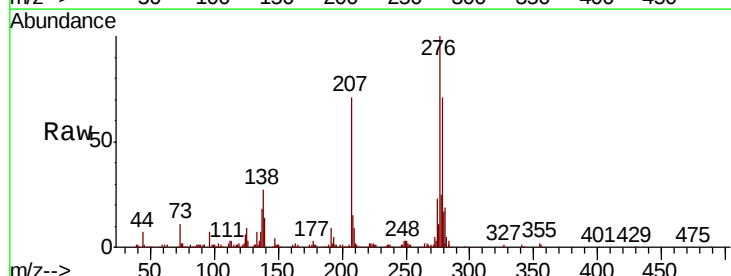
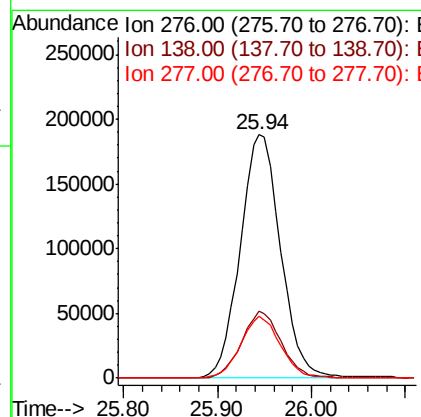
Manual Integrations
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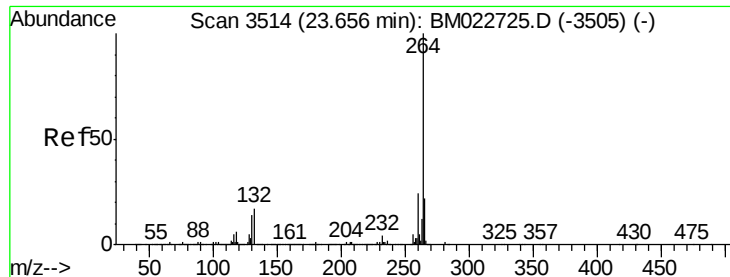
mohammad
9/24/2019 8:35:05 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.703 ng
RT: 25.94 min Scan# 3903
Delta R.T. -0.02 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	558508		
138	27.0		0.0	0.0#
277	25.0		0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Instrument :

BNA_M

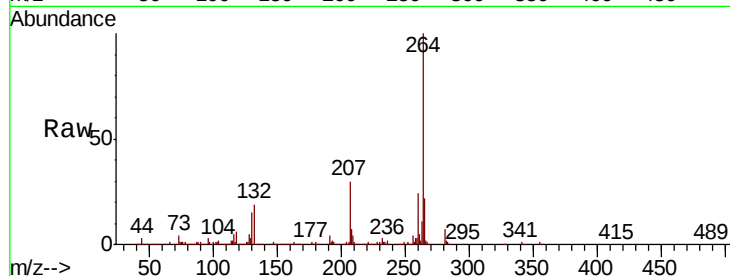
ClientSampleId :

LOQ-WATER-02-QT3-2019

Tot Ion:	264	Resp:	885229
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.1	28.7
265	22.3	17.9	26.9

Manual Integrations
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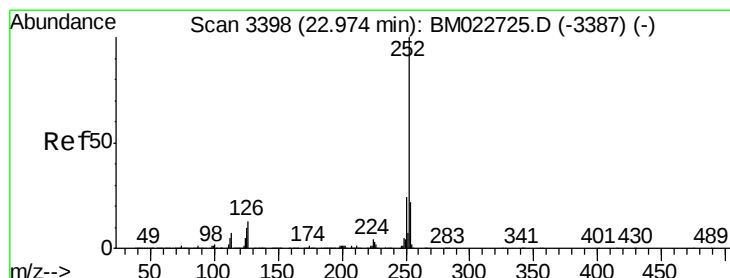
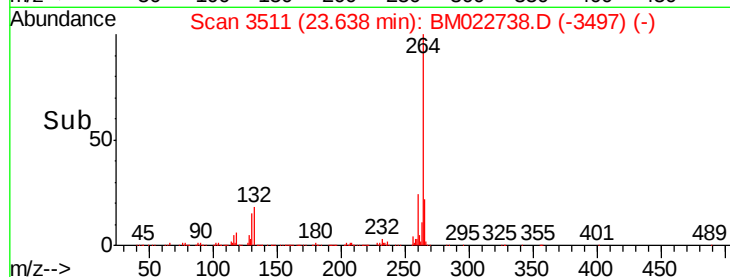
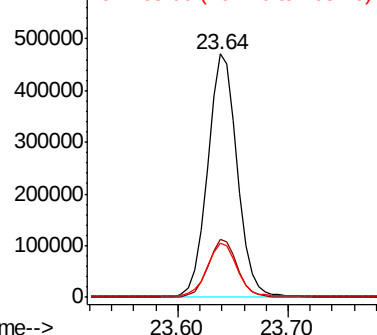


Abundance

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: 9.536 ng

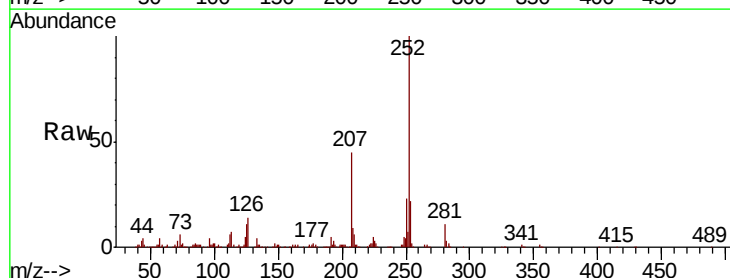
RT: 22.96 min Scan# 3395

Delta R.T. -0.02 min

Lab File: BM022738.D

Acq: 20 Sep 2019 22:44

Tgt Ion:	252	Resp:	511131
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	11.0	8.2	12.4

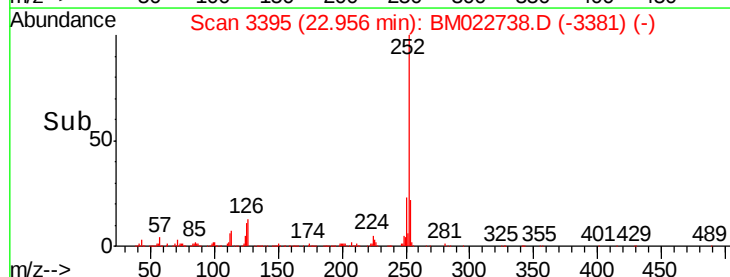
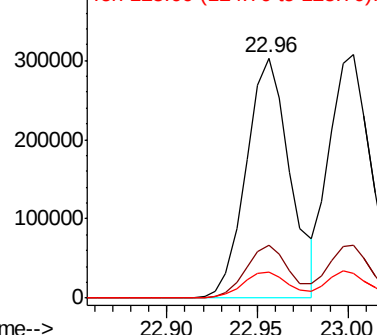


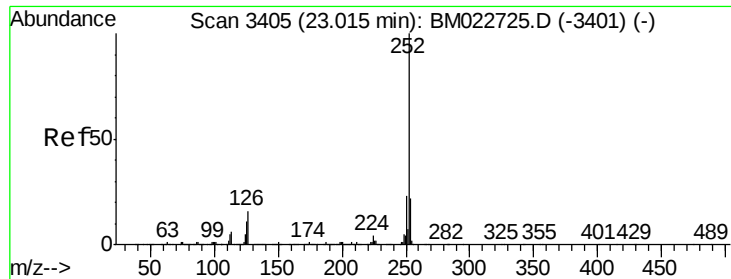
Abundance

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





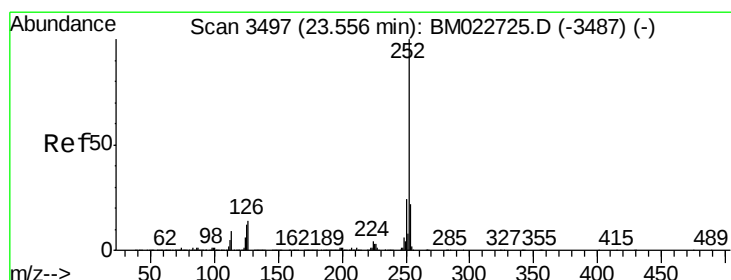
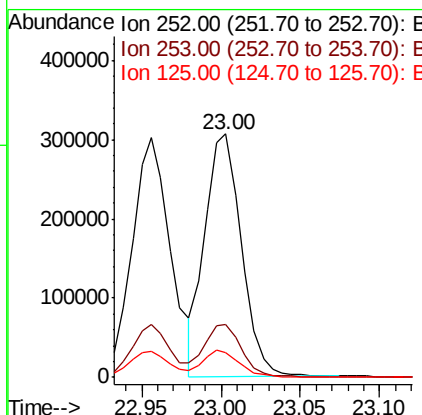
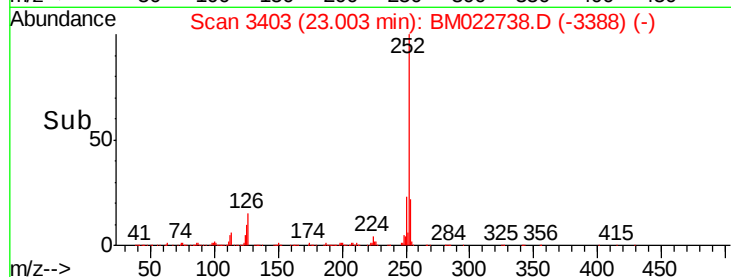
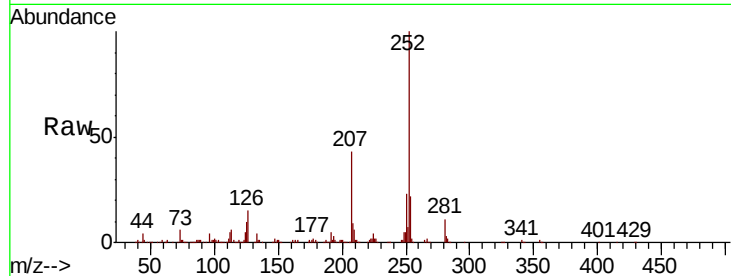
#89
Benzo(k)fluoranthene
Concen: 9.233 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.4	8.5	12.7

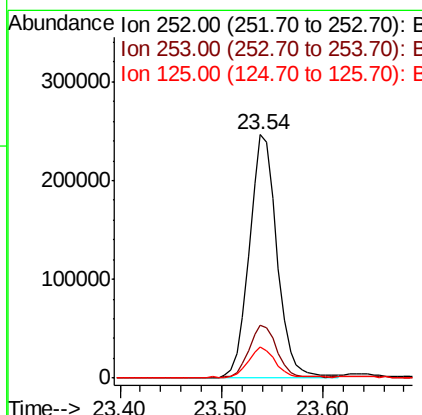
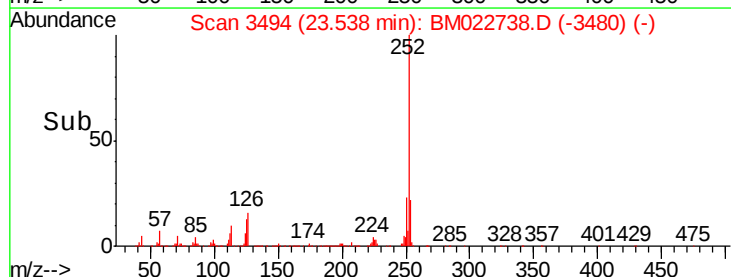
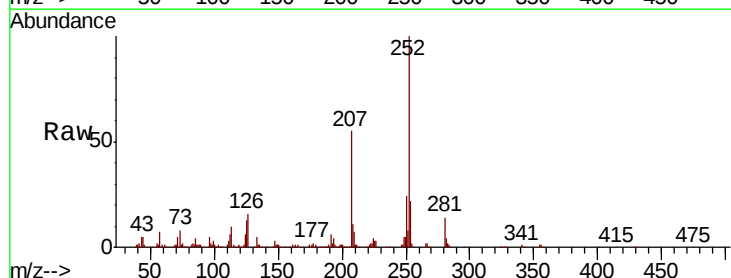
Manual Integrations
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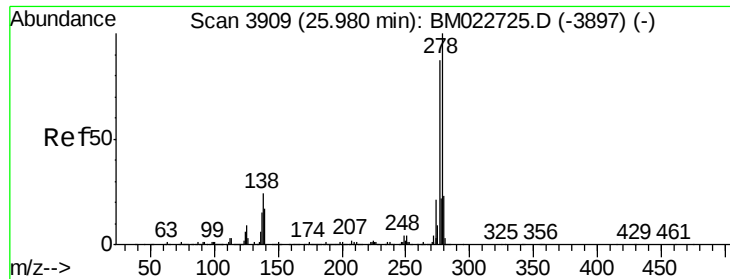
mohammad
9/24/2019 8:35:05 AM



#90
Benzo(a)pyrene
Concen: 9.396 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	12.9	9.3	13.9





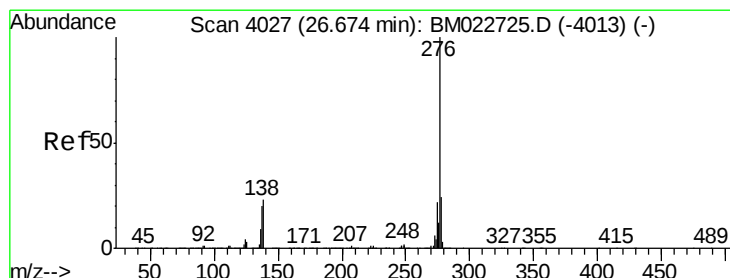
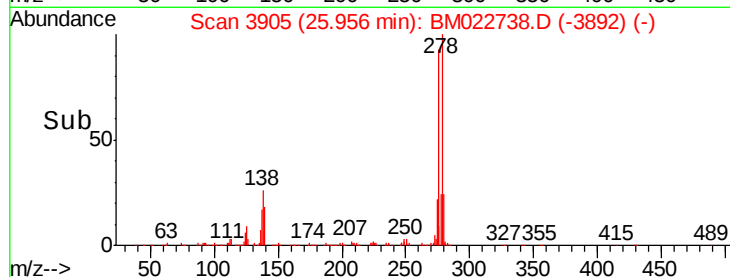
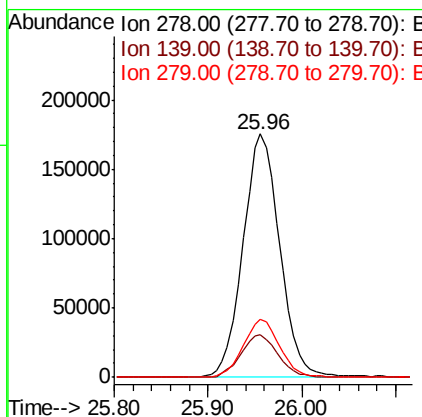
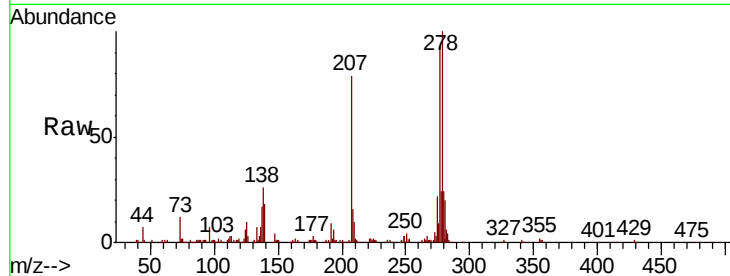
#91
Dibenzo(a,h)anthracene
Concen: 9.189 ng
RT: 25.96 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.7	20.5
279	23.9	18.6	28.0

Manual Integrations
APPROVED

mohammad
9/24/2019 8:35:05 AM



#92
Benzo(g,h,i)perylene
Concen: 9.292 ng
RT: 26.65 min Scan# 4023
Delta R.T. -0.02 min
Lab File: BM022738.D
Acq: 20 Sep 2019 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	22.3	18.5	27.7

