

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
 Data File : BM026705.D
 Acq On : 08 Jul 2020 15:22
 Operator : JU/CG
 Sample : L3216-08
 Misc : LOO-WATER-10PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Manual Integrations
 APPROVED

mohammad
 7/9/2020 10:59:52 AM

Quant Time: Jul 08 15:57:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 13:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	40115	20.00	ng	0.00
21) Naphthalene-d8	10.08	136	173983	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	119196	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	283064	20.00	ng	0.00
76) Chrysene-d12	20.96	240	367856	20.00	ng	0.00
86) Perylene-d12	23.03	264	422611	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	250803	104.79	ng	0.00
7) Phenol-d6	6.53	99	379634	99.56	ng	0.00
23) Nitrobenzene-d5	8.47	82	307270	75.35	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	176147	101.45	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	644758	71.92	ng	0.00
79) Terphenyl-d14	19.41	244	1051084	56.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.95	88	15330	13.331	ng	93
3) Pyridine	3.37	79	24162m	7.346	ng	
4) n-Nitrosodimethylamine	3.27	42	18697	9.497	ng	# 97
6) Aniline	6.67	93	42288	9.035	ng	99
8) 2-Chlorophenol	6.90	128	24759	8.684	ng	91
9) Benzaldehyde	6.49	77	38567	18.223	ng	93
10) Phenol	6.56	94	33519	8.894	ng	86
11) bis(2-Chloroethyl)ether	6.77	93	25385	8.056	ng	98
12) 1,3-Dichlorobenzene	7.22	146	28486	9.192	ng	93
13) 1,4-Dichlorobenzene	7.36	146	28881	9.156	ng	98
14) 1,2-Dichlorobenzene	7.67	146	27864	8.867	ng	95
15) Benzyl Alcohol	7.59	79	24340	7.460	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	54712	8.412	ng	99
17) 2-Methylphenol	7.79	107	21783	7.605	ng	99
18) Hexachloroethane	8.37	117	11082	8.846	ng	92
19) n-Nitroso-di-n-propylamine	8.14	70	24607	7.756	ng	# 91
20) 3+4-Methylphenols	8.12	107	29173	7.409	ng	93
22) Acetophenone	8.15	105	69131	13.983	ng	# 95
24) Nitrobenzene	8.52	77	38477	8.969	ng	99
25) Isophorone	9.04	82	62635	8.010	ng	96
26) 2-Nitrophenol	9.22	139	10738	6.781	ng	# 78
27) 2,4-Dimethylphenol	9.30	122	23494	9.125	ng	97
28) bis(2-Chloroethoxy)methane	9.53	93	35580	8.236	ng	99
29) 2,4-Dichlorophenol	9.76	162	21953	7.742	ng	97
30) 1,2,4-Trichlorobenzene	9.95	180	28247	8.929	ng	91
31) Naphthalene	10.13	128	84783	8.762	ng	97
32) Benzoic acid	9.42	122	12015	6.149	ng	93
33) 4-Chloroaniline	10.26	127	33711	7.964	ng	97
34) Hexachlorobutadiene	10.42	225	17301	8.258	ng	95
35) Caprolactam	11.04	113	6684	6.654	ng	# 89
36) 4-Chloro-3-methylphenol	11.40	107	28104	7.842	ng	99
37) 2-Methylnaphthalene	11.76	142	60859	8.490	ng	98
38) 1-Methylnaphthalene	11.98	142	59360	8.643	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	55681	14.450	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	9974	5.425	ng	89
43) 2,4,6-Trichlorophenol	12.40	196	18103	7.172	ng	96
44) 2,4,5-Trichlorophenol	12.48	196	20981	7.074	ng	96
46) 1,1'-Biphenyl	12.80	154	138690	14.730	ng	96
47) 2-Chloronaphthalene	12.84	162	62982	8.281	ng	99
48) 2-Nitroaniline	13.07	65	20878	6.670	ng	98
49) Acenaphthylene	13.70	152	100060	8.229	ng	100
50) Dimethylphthalate	13.46	163	86582	8.492	ng	100
51) 2,6-Dinitrotoluene	13.58	165	16602	7.604	ng #	82
52) Acenaphthene	14.05	154	62080	8.401	ng	96
53) 3-Nitroaniline	13.92	138	15148	6.670	ng	95
54) 2,4-Dinitrophenol	14.15	184	8698	6.807	ng	98
55) Dibenzofuran	14.39	168	100660	8.308	ng	97
56) 4-Nitrophenol	14.27	139	9806	5.502	ng	91
57) 2,4-Dinitrotoluene	14.39	165	22948	7.283	ng	89
58) Fluorene	15.04	166	81304	8.105	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.63	232	21531	8.312	ng	98
60) Diethylphthalate	14.85	149	87942	8.157	ng	98
61) 4-Chlorophenyl-phenylether	15.05	204	42919	7.897	ng	99
62) 4-Nitroaniline	15.10	138	14107m	5.951	ng	
63) Azobenzene	15.34	77	96463	8.147	ng	95
65) 4,6-Dinitro-2-methylphenol	15.17	198	10451	5.431	ng	89
66) n-Nitrosodiphenylamine	15.27	169	71352	7.932	ng	98
67) 4-Bromophenyl-phenylether	15.95	248	26859	7.623	ng	98
68) Hexachlorobenzene	16.06	284	30595	8.251	ng	98
69) Atrazine	16.24	200	26854	9.928	ng	100
70) Pentachlorophenol	16.42	266	12346	5.885	ng	95
71) Phenanthrene	16.79	178	140590	8.413	ng	99
72) Anthracene	16.88	178	137640	8.274	ng	98
73) Carbazole	17.16	167	122823	7.744	ng	99
74) Di-n-butylphthalate	17.74	149	148841	7.464	ng	99
75) Fluoranthene	18.82	202	175707	8.537	ng	99
77) Benzidine	19.03	184	66602	9.184	ng	97
78) Pyrene	19.19	202	188026	8.114	ng	100
80) Butylbenzylphthalate	20.12	149	70322	6.762	ng	96
81) Benzo(a)anthracene	20.94	228	213951	8.659	ng	99
82) 3,3'-Dichlorobenzidine	20.90	252	70923	9.043	ng	99
83) Chrysene	21.00	228	208840	8.684	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	120253	7.218	ng	98
85) Di-n-octyl phthalate	21.76	149	208455	7.321	ng	95
87) Indeno(1,2,3-cd)pyrene	25.03	276	295267	9.814	ng	99
88) Benzo(b)fluoranthene	22.43	252	233025	8.368	ng	99
89) Benzo(k)fluoranthene	22.47	252	228403	8.362	ng	99
90) Benzo(a)pyrene	22.94	252	209436	8.102	ng	99
91) Dibenzo(a,h)anthracene	25.04	278	248593	9.788	ng	99
92) Benzo(g,h,i)perylene	25.64	276	248502	10.619	ng	98

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

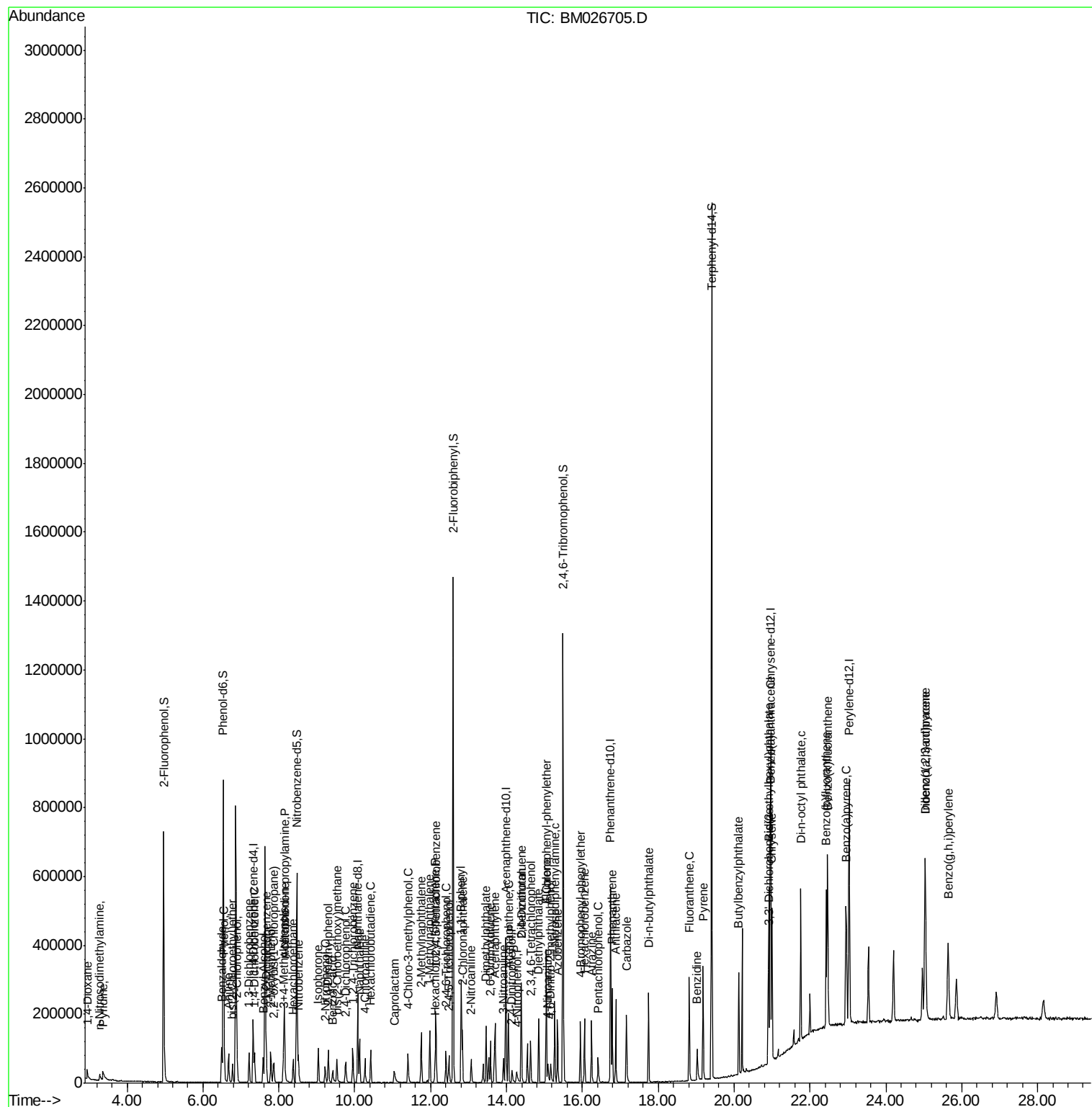
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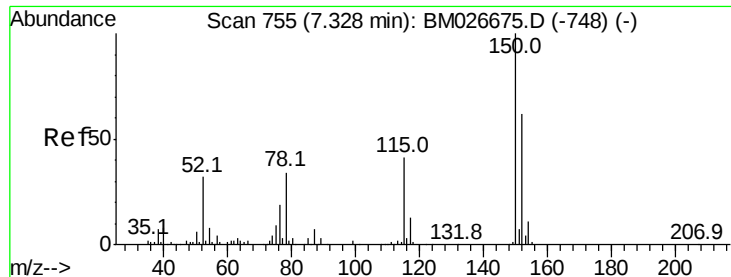
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#1

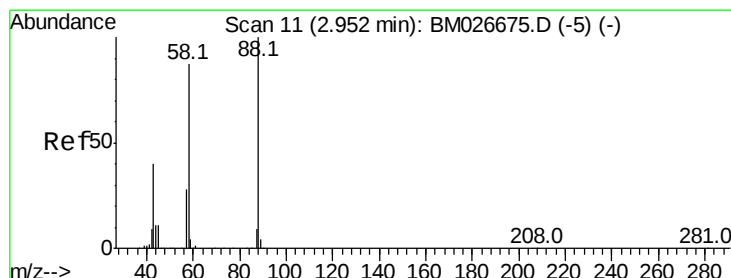
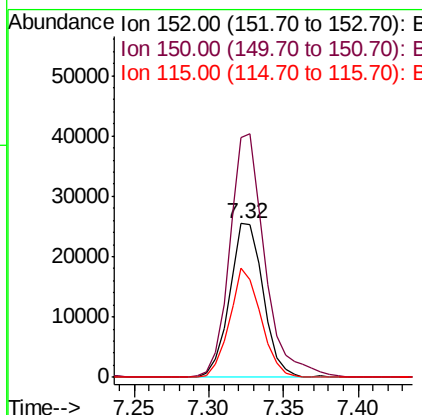
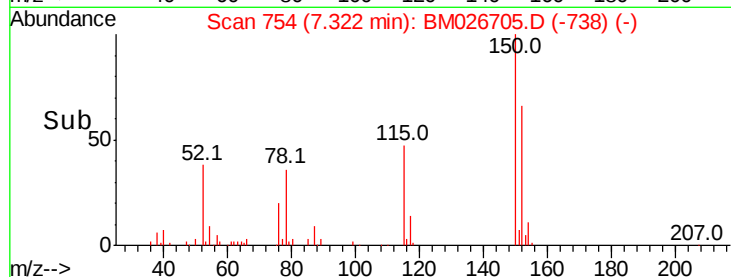
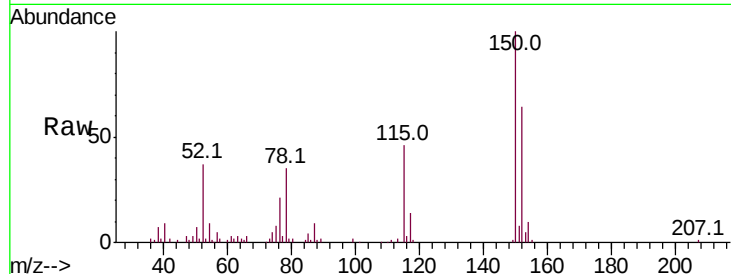
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.1	192.1
115	71.4	52.2	78.4

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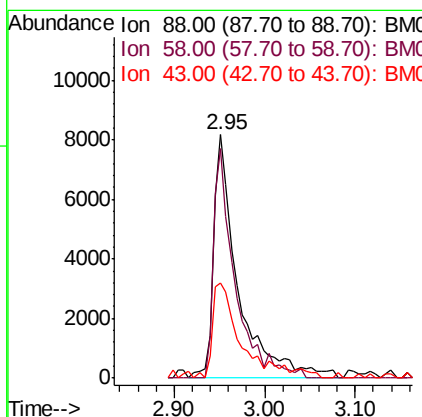
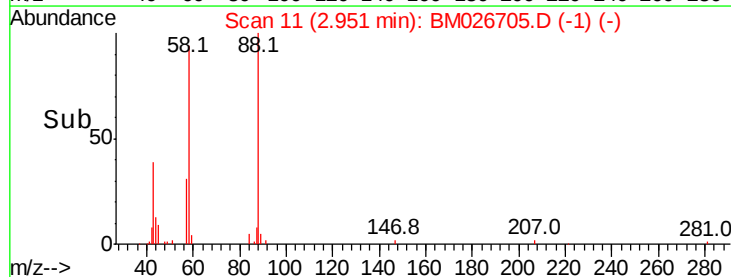
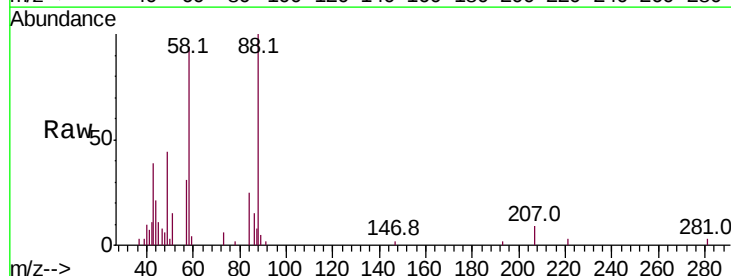
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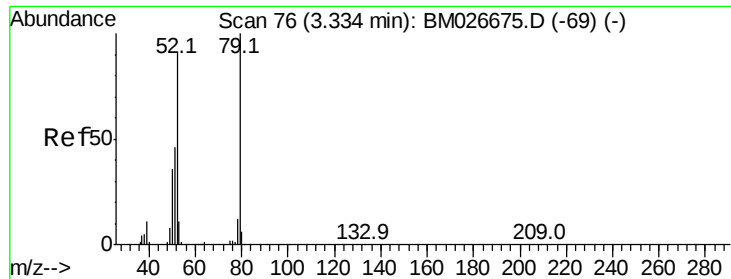


#2

1,4-Dioxane
Concen: 13.331 ng
RT: 2.95 min Scan# 11
Delta R.T. 0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	73.2	109.8
43	44.2	34.3	51.5





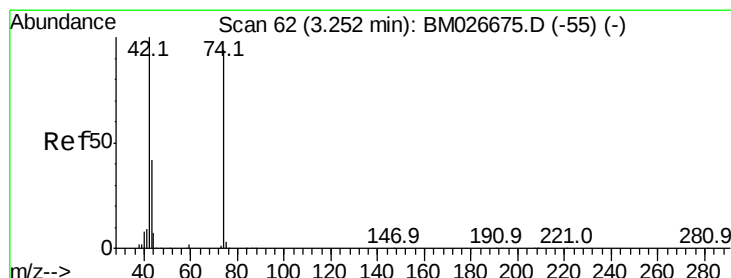
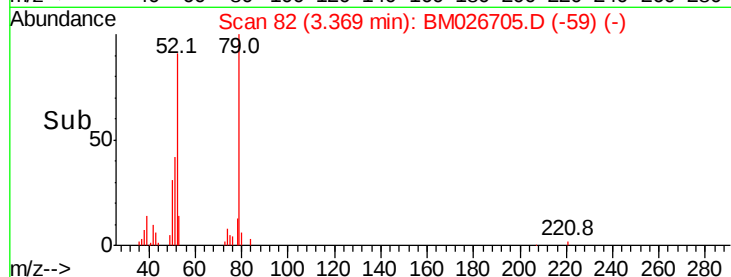
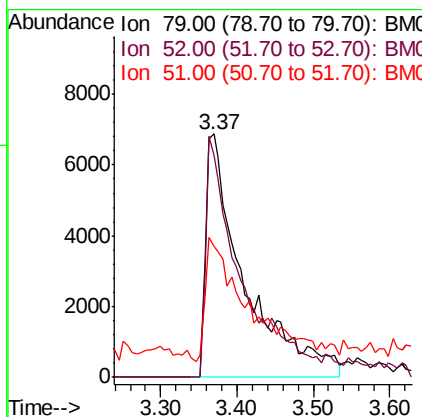
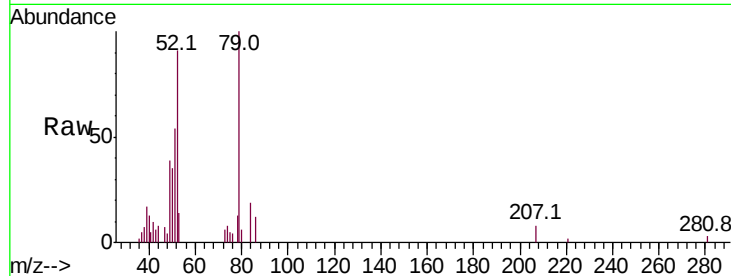
#3
 Pvridine
 Concen: 7.346 ng/ml
 RT: 3.37 min Scan# 82
 Delta R.T. 0.04 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.1	72.9	109.3
51	53.9	37.6	56.4

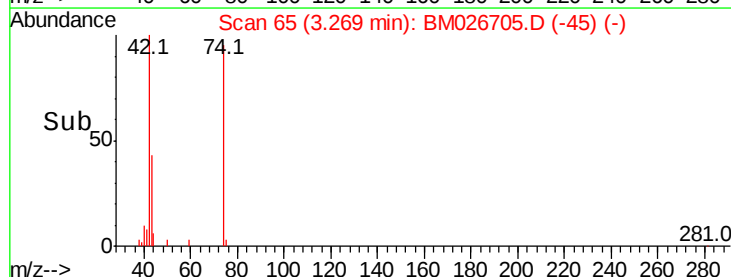
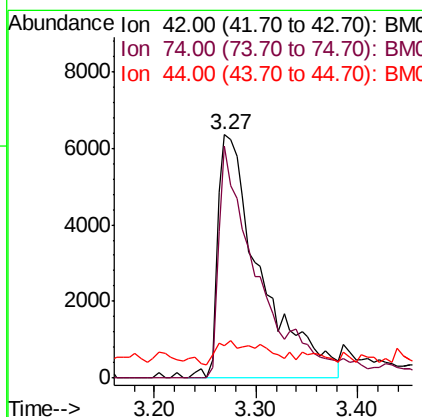
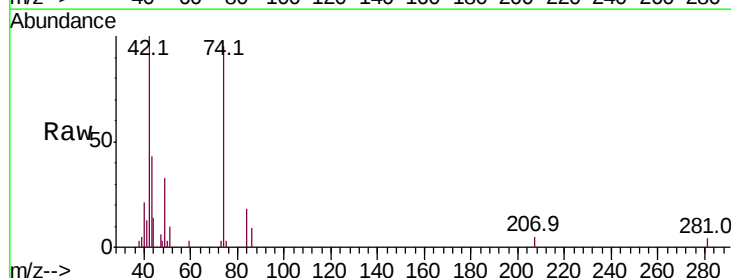
Manual Integrations
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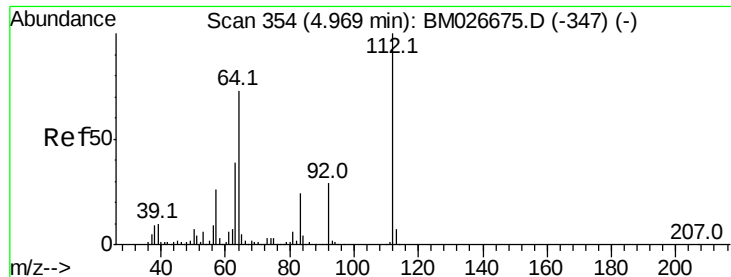
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#4
 n-Nitrosodimethylamine
 Concen: 9.497 ng/ml
 RT: 3.27 min Scan# 65
 Delta R.T. 0.02 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	95.4	75.1	112.7
44	13.6	5.7	8.5#





#5

2-Fluorophenol

Concen: 104.791 ng

RT: 4.96 min Scan# 353

Delta R.T. -0.00 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

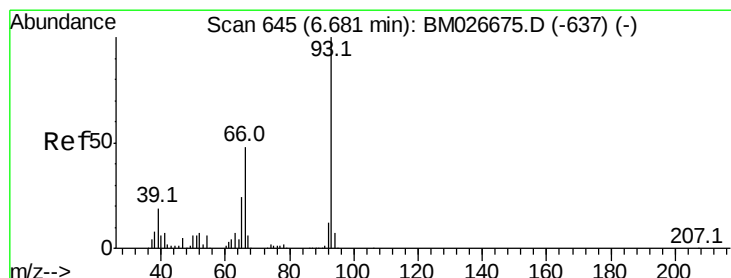
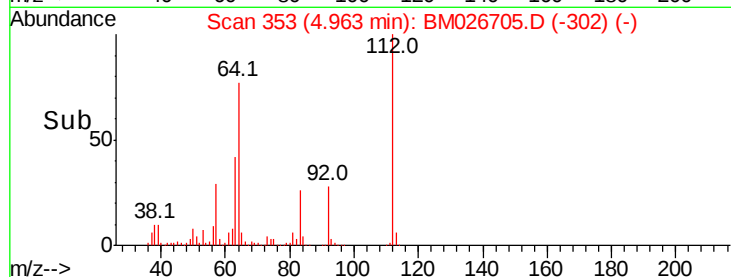
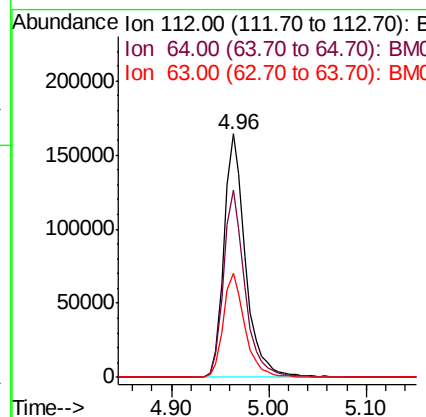
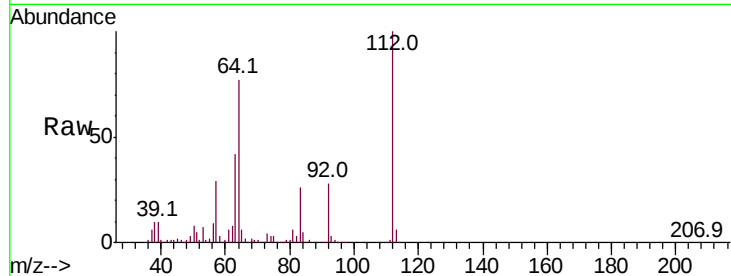
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	112	Resp:	250803
Ion Ratio	Lower	Upper	
112	100		
64	77.1	58.4	87.6
63	42.5	31.5	47.3

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#6

Aniline

Concen: 9.035 ng

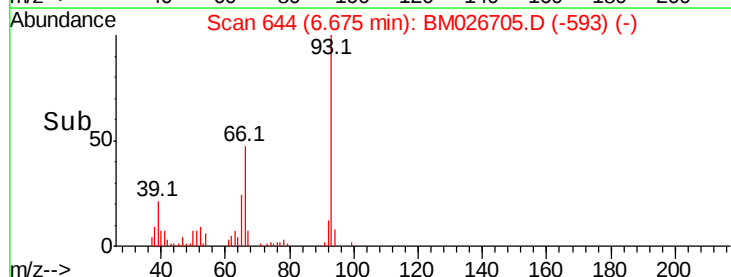
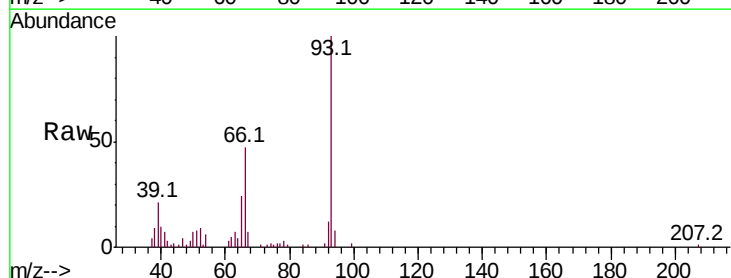
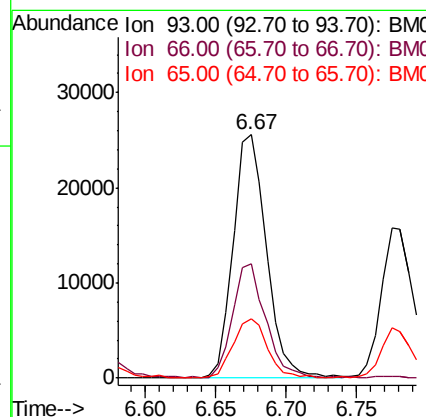
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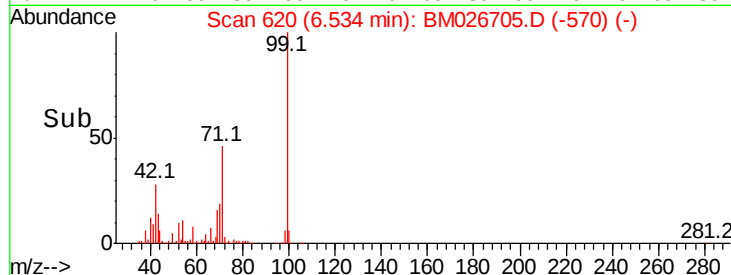
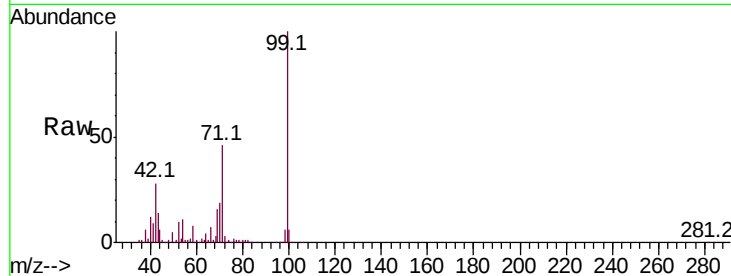
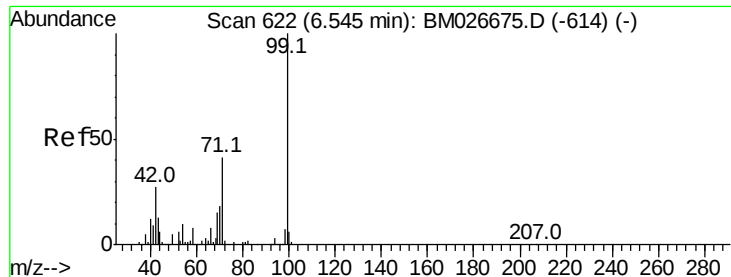
Delta R.T. -0.00 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	93	Resp:	42288
Ion Ratio	Lower	Upper	
93	100		
66	47.1	38.2	57.4
65	24.1	19.6	29.4





#7

Phenol-d6

Concen: 99.557 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		379634		
42	28.1	21.7	32.5		
71	45.7	33.2	49.8		

Instrument :

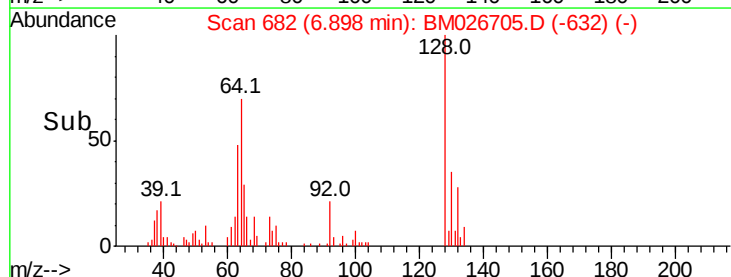
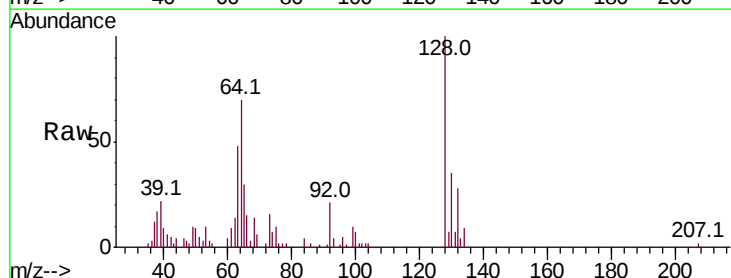
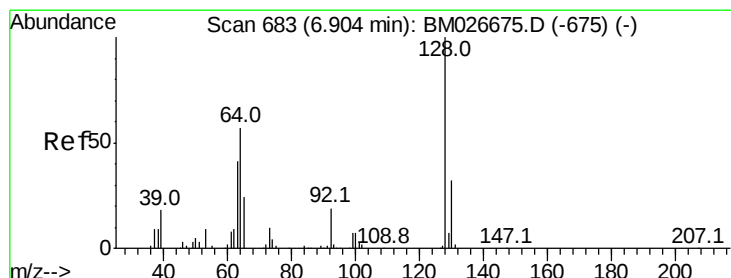
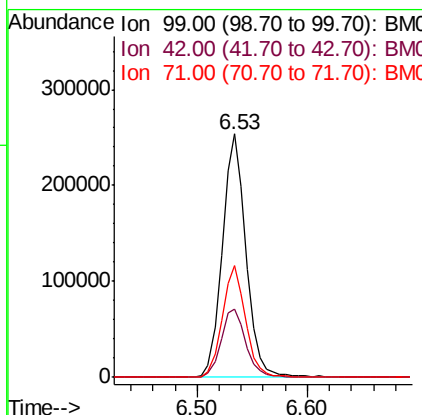
BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2020

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#8

2-Chlorophenol

Concen: 8.684 ng

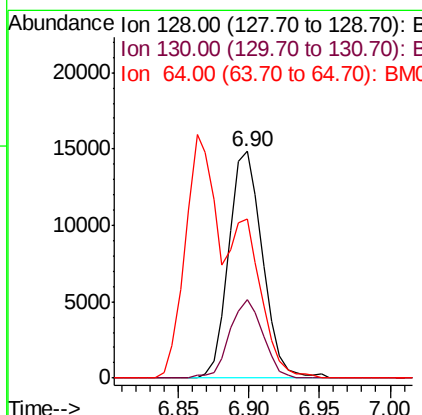
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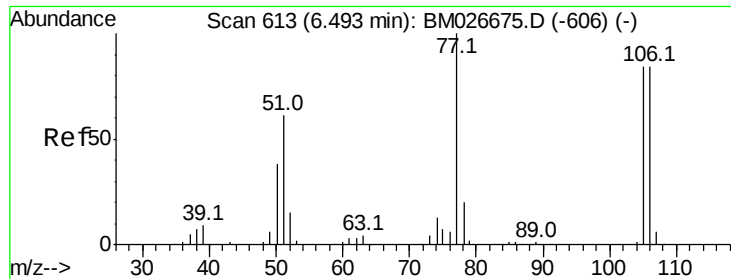
Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		24759		
130	34.5	12.2	52.2		
64	70.4	41.4	81.4		





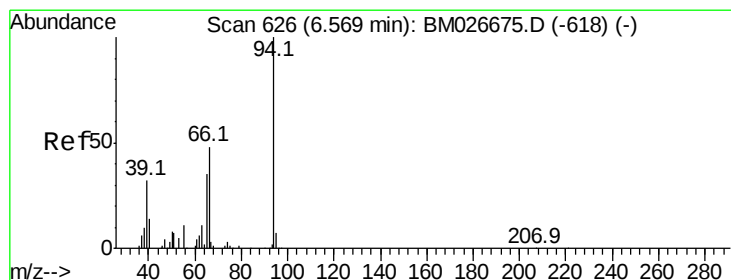
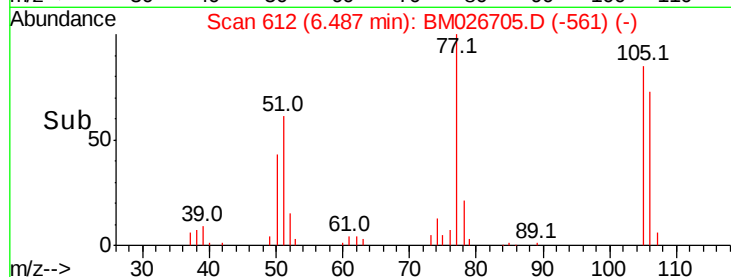
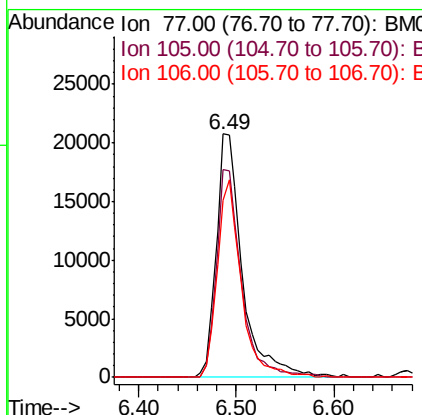
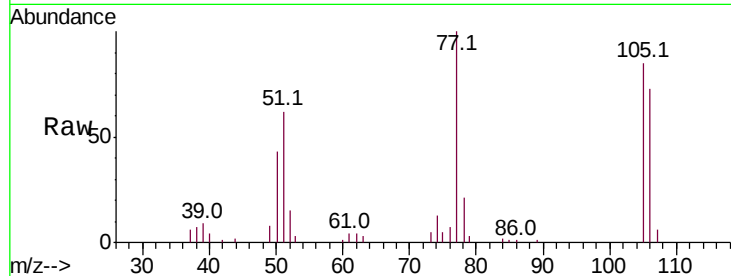
#9
Benzaldehyde
Concen: 18.223 ng
RT: 6.49 min Scan# 612
Delta R.T. -0.00 min
Lab File: BM026705.D
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Tot Ion	Ratio	Lower	Upper
77	100		
105	85.2	64.4	104.4
106	72.5	64.3	104.3

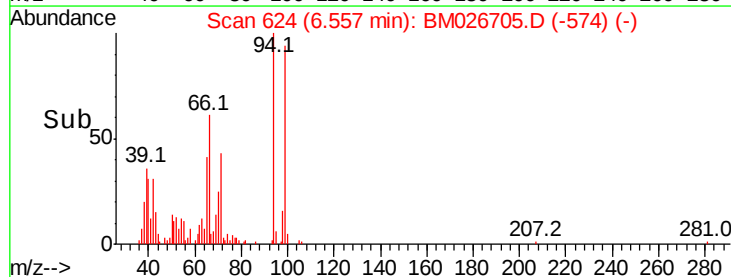
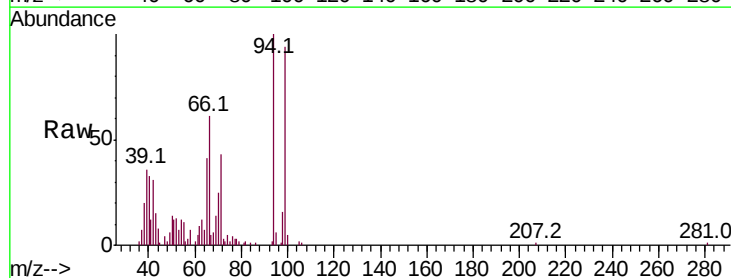
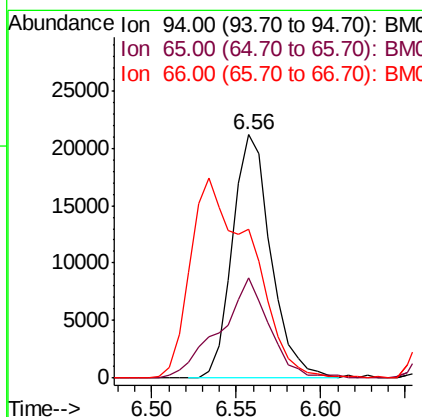
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#10
Phenol
Concen: 8.894 ng
RT: 6.56 min Scan# 624
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.2	15.5	55.5
66	61.0	29.8	69.8





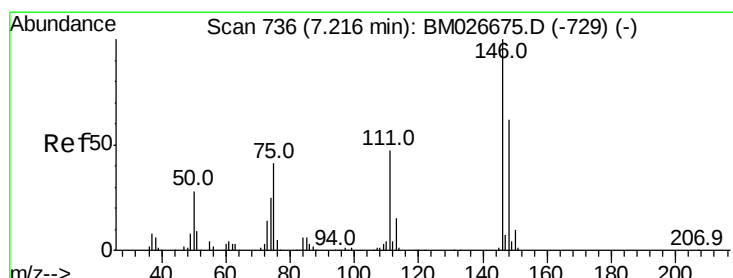
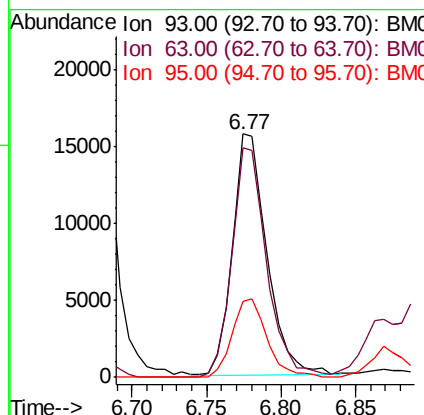
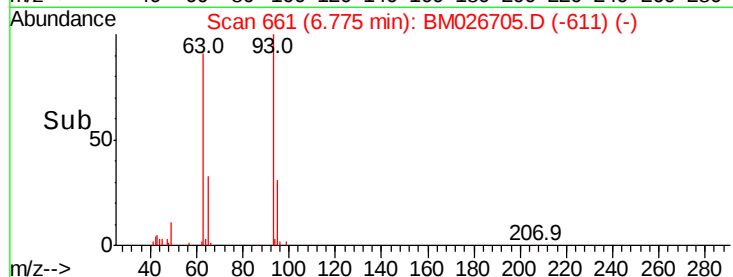
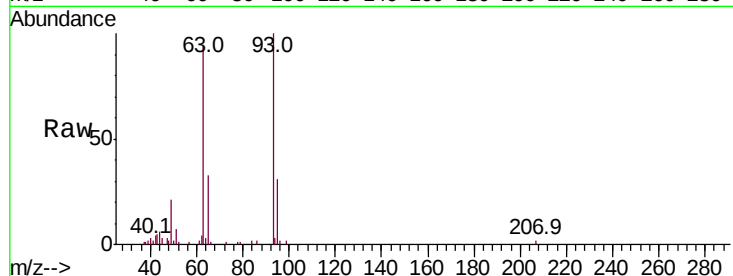
#11
bis(2-Chloroethyl)ether
Concen: 8.056 ng
RT: 6.77 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	93	Resp:	25385
Ion Ratio	Lower	Upper	
93	100		
63	94.3	72.6	112.6
95	31.4	12.3	52.3

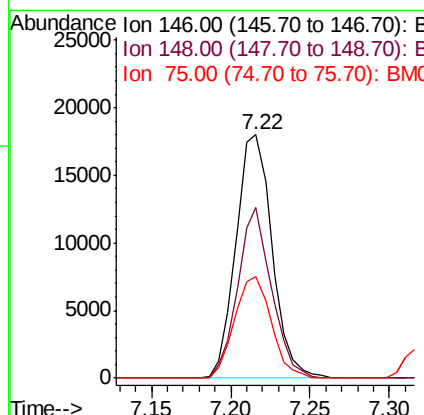
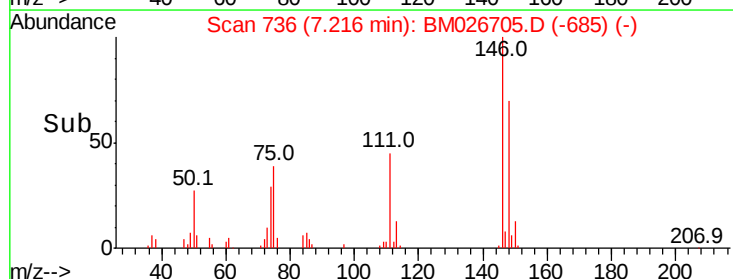
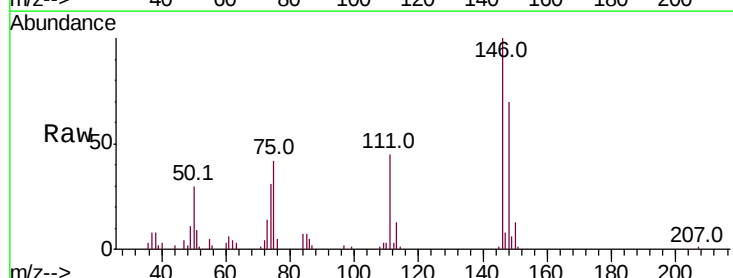
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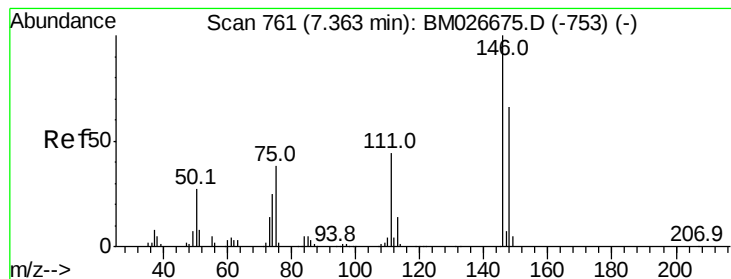
mohammad
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#12
1,3-Dichlorobenzene
Concen: 9.192 ng
RT: 7.22 min Scan# 736
Delta R.T. -0.00 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion:	146	Resp:	28486
Ion Ratio	Lower	Upper	
146	100		
148	69.9	49.7	74.5
75	41.5	32.7	49.1





#13

1,4-Dichlorobenzene

Concen: 9.156 ng

RT: 7.36 min Scan# 761

Delta R.T. -0.00 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

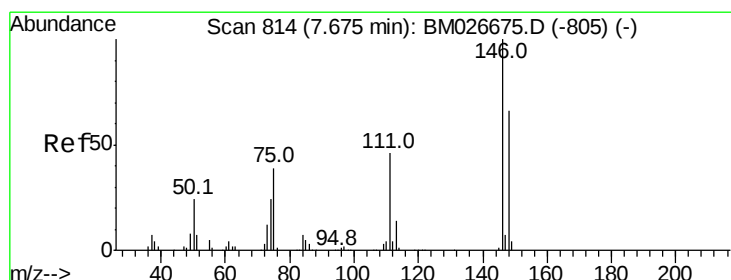
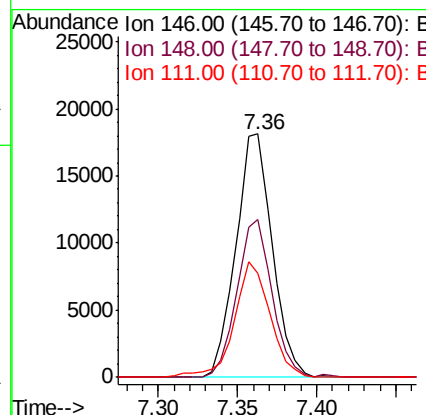
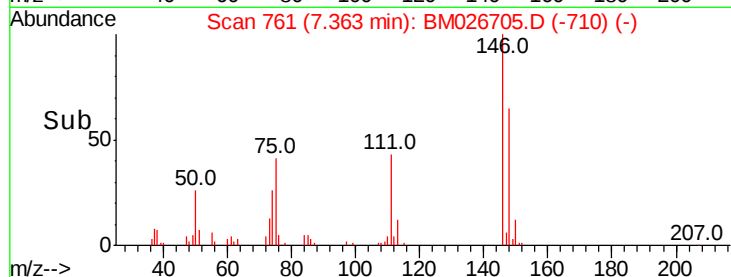
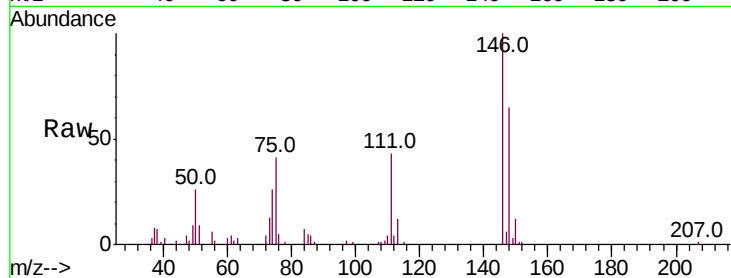
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	146	Resp:	28881
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.4	78.6
111	42.8	35.6	53.4

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#14

1,2-Dichlorobenzene

Concen: 8.867 ng

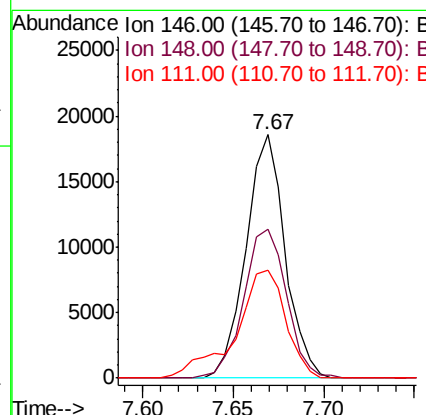
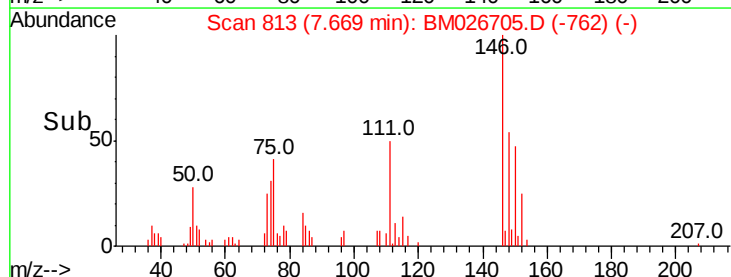
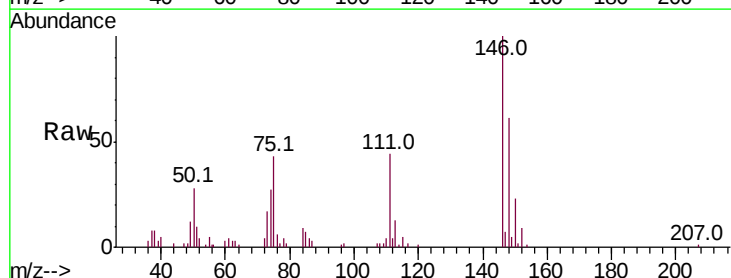
RT: 7.67 min Scan# 813

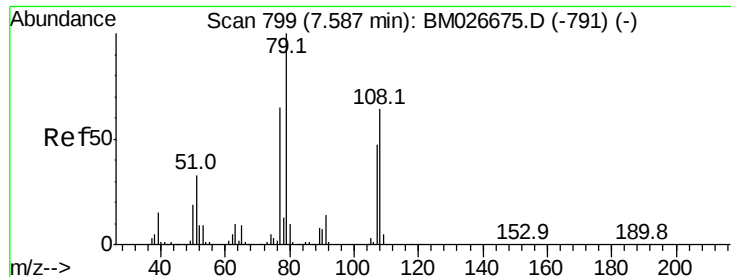
Delta R.T. -0.00 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	146	Resp:	27864
Ion Ratio	Lower	Upper	
146	100		
148	61.1	52.6	78.8
111	44.4	37.2	55.8





#15

Benzyl Alcohol

Concen: 7.460 ng

RT: 7.59 min Scan# 799

Delta R.T. 0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

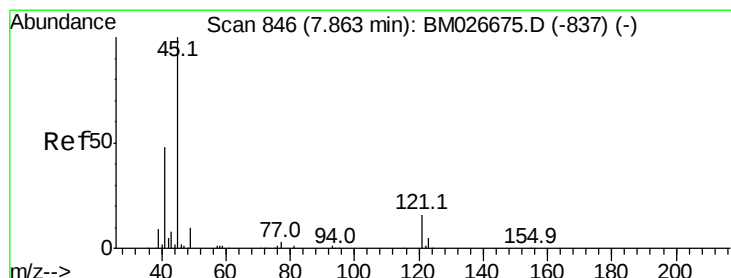
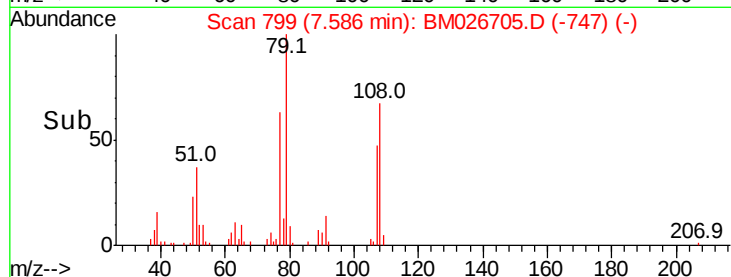
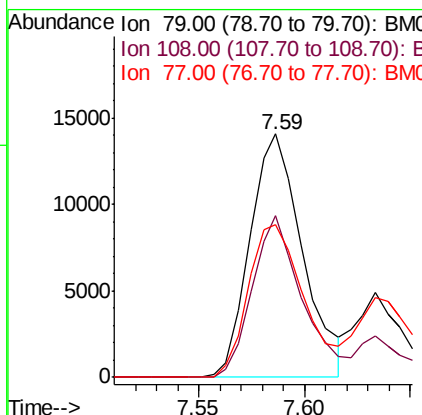
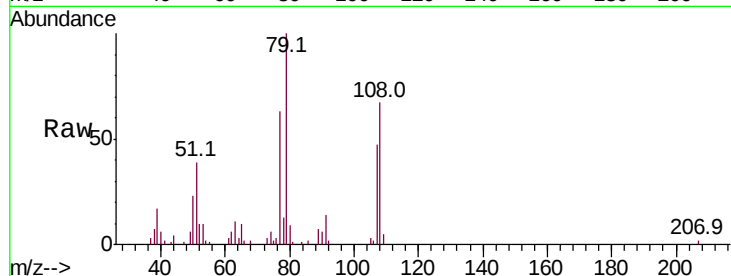
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	79	Resp:	24340
Ion	Ratio	Lower	Upper
79	100		
108	66.5	51.0	76.4
77	62.5	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.412 ng

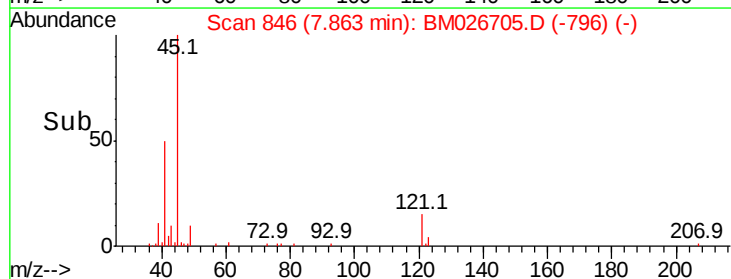
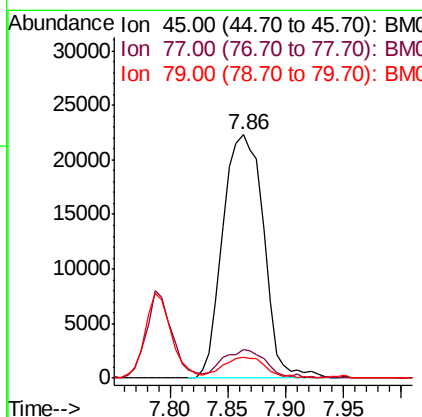
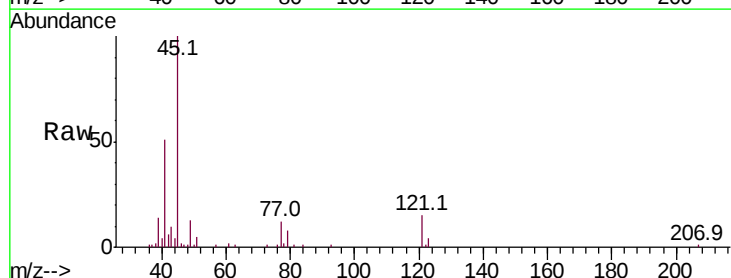
RT: 7.86 min Scan# 846

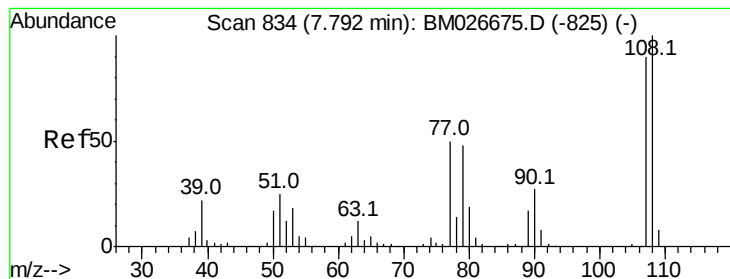
Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	45	Resp:	54712
Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.4
79	8.4	0.0	28.4





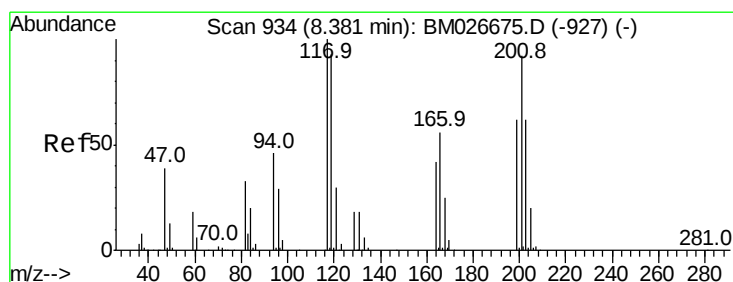
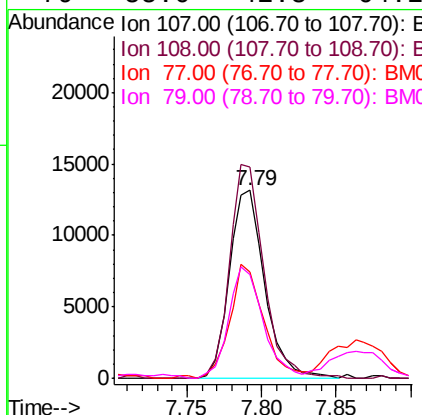
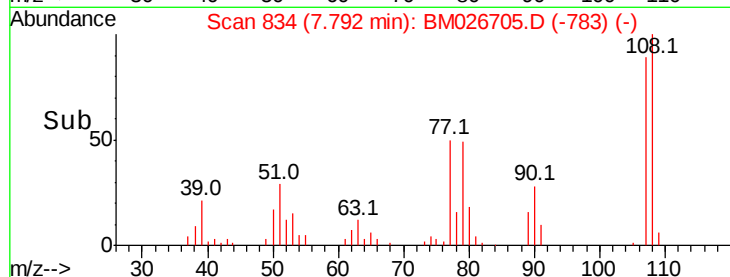
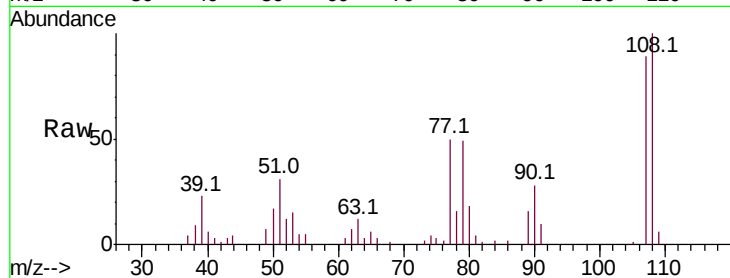
#17
2-Methylphenol
Concen: 7.605 ng
RT: 7.79 min Scan# 834
Delta R.T. -0.00 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	107	Resp	21783
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.0
77	56.6	45.2	67.8
79	55.0	42.8	64.2

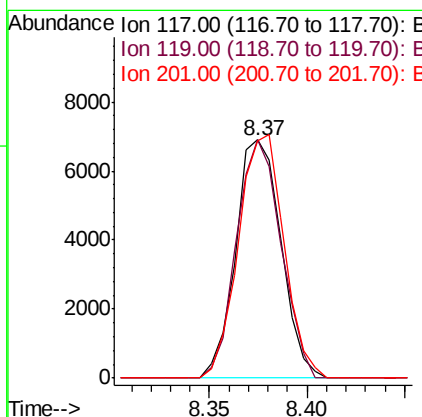
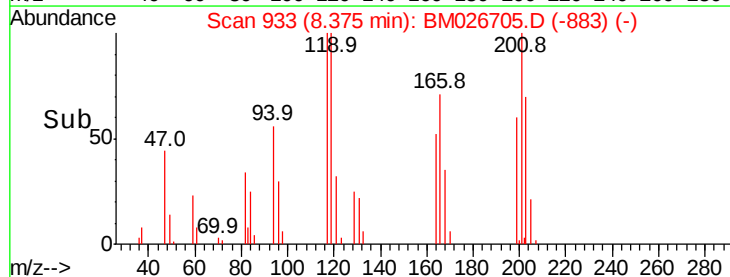
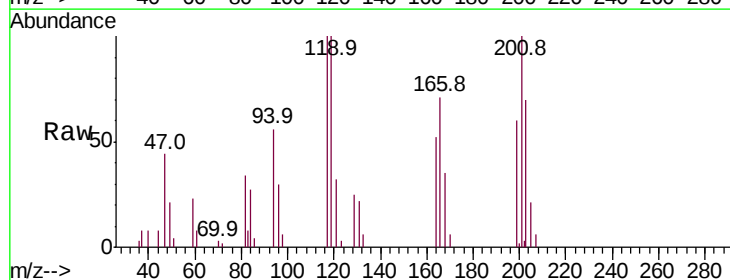
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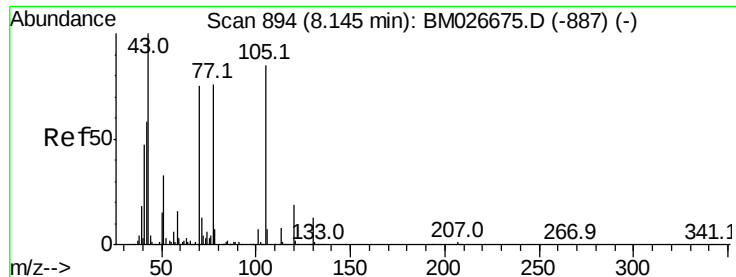
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#18
Hexachloroethane
Concen: 8.846 ng
RT: 8.37 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	117	Resp	11082
Ion	Ratio	Lower	Upper
117	100		
119	100.1	74.2	111.2
201	99.8	73.6	110.4





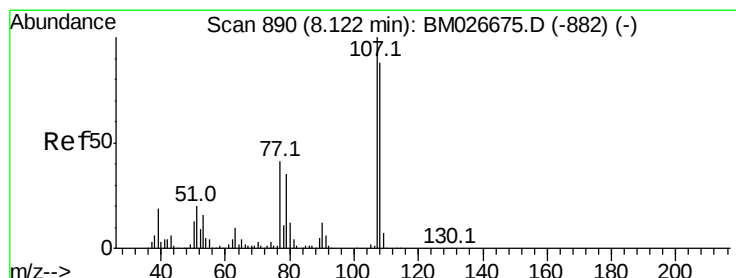
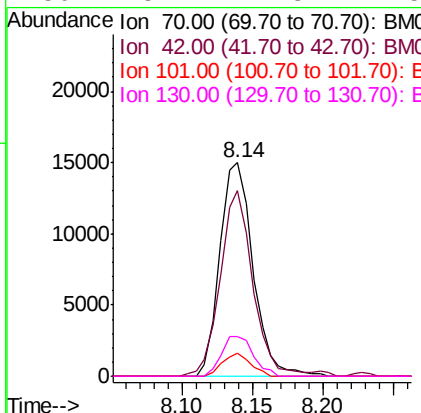
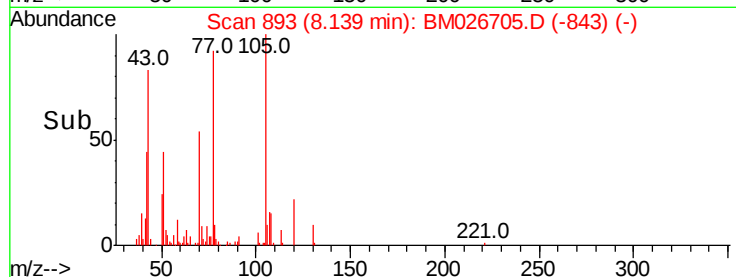
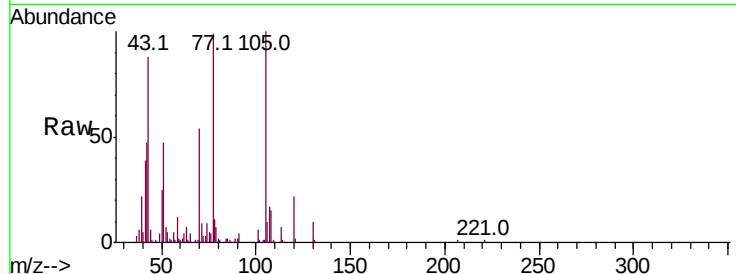
#19
n-Nitroso-di-n-propylamine
Concen: 7.756 ng
RT: 8.14 min Scan# 893
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	87.2	62.3	93.5
101	10.8	7.1	10.7
130	18.4	14.3	21.5

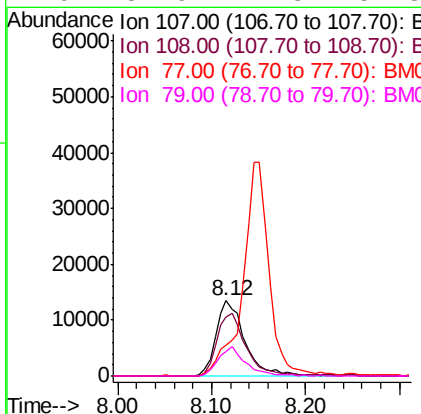
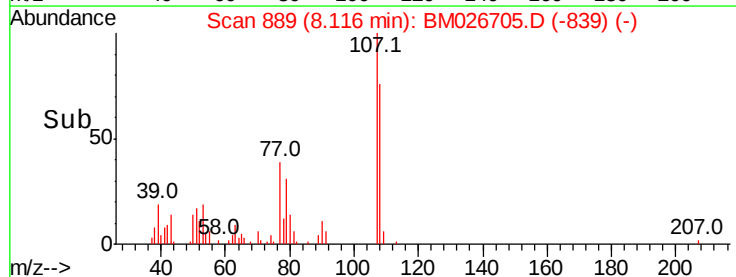
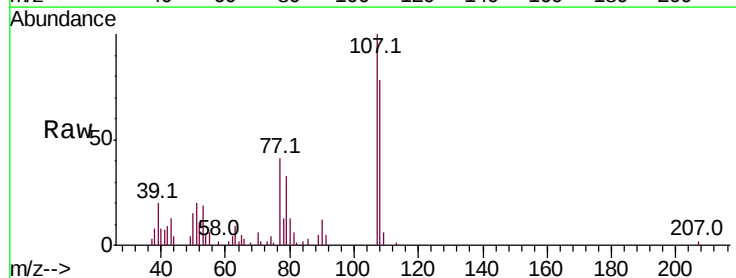
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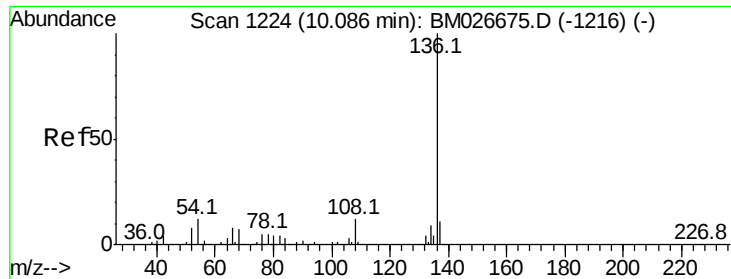
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#20
3+4-Methylphenols
Concen: 7.409 ng
RT: 8.12 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.5	68.5	108.5
77	41.1	20.8	60.8
79	32.6	14.8	54.8





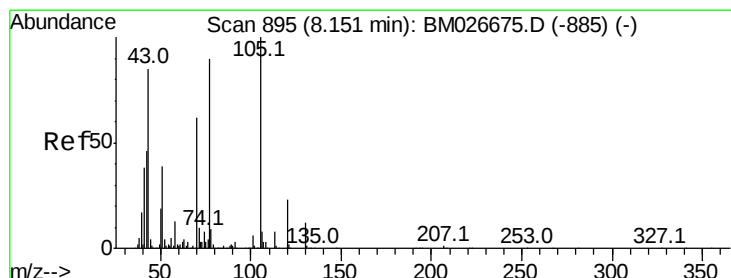
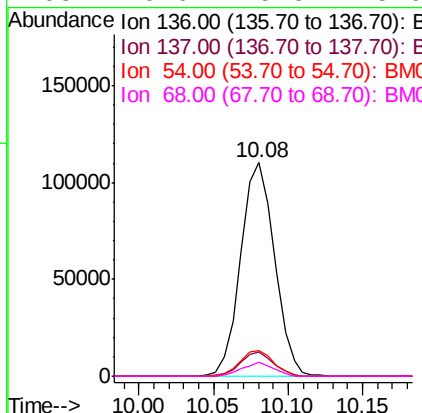
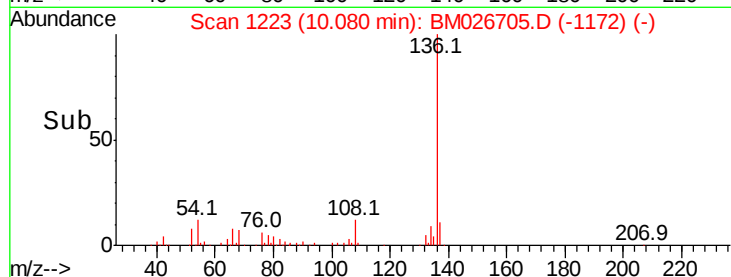
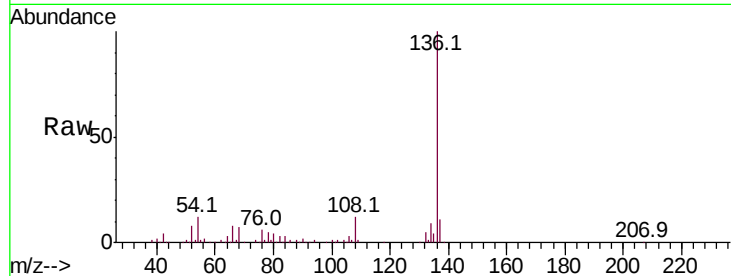
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.08 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	173983		
137	11.5	8.6	12.8	
54	12.1	9.8	14.6	
68	6.6	5.8	8.6	

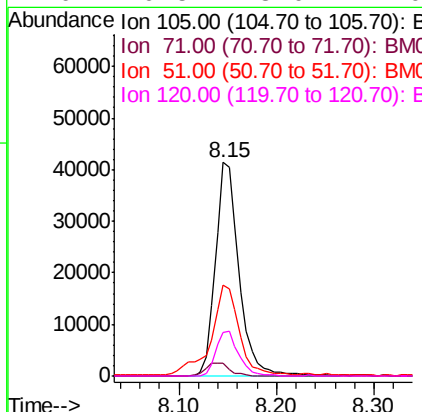
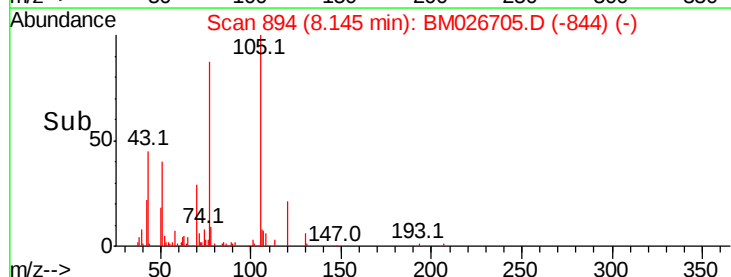
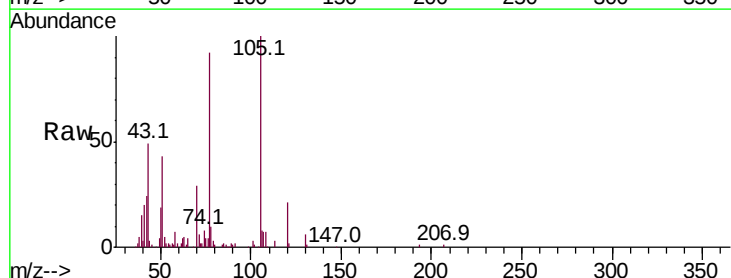
Manual Integrations
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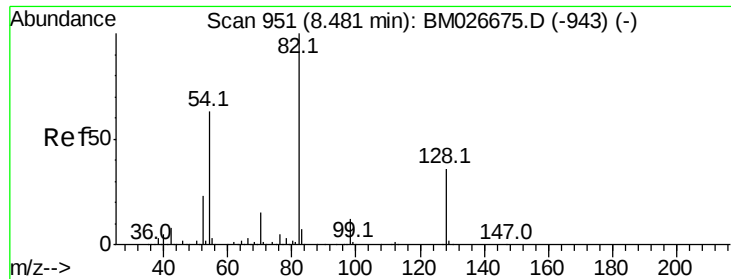
mohammad
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#22
Acetophenone
Concen: 13.983 ng
RT: 8.15 min Scan# 894
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	69131		
71	5.9	8.1	12.1#	
51	42.6	31.9	47.9	
120	20.5	18.0	27.0	





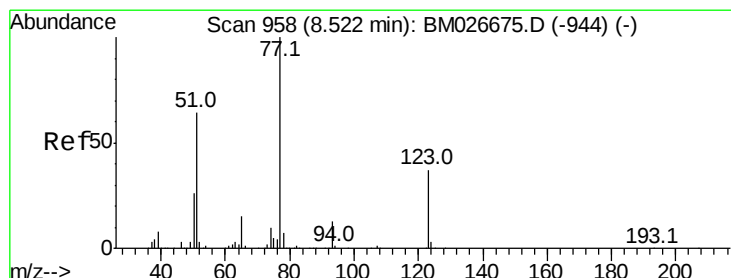
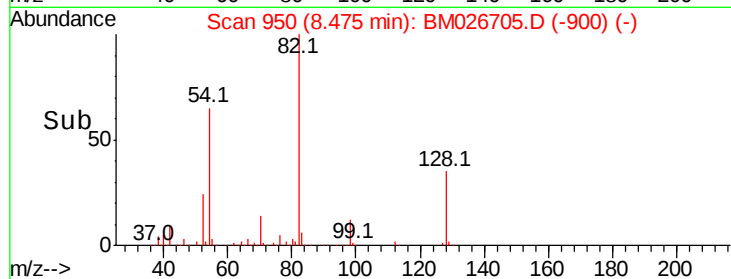
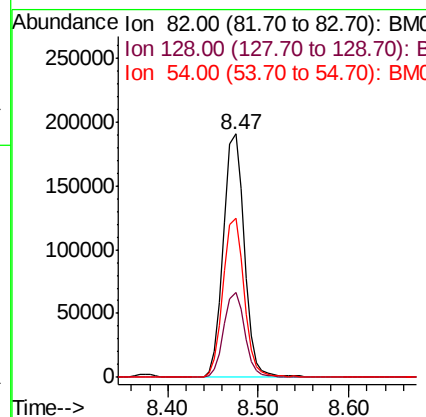
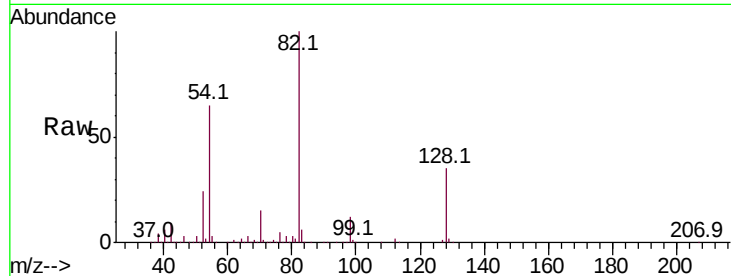
#23
Nitrobenzene-d5
Concen: 75.347 ng
RT: 8.47 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.1	43.7
54	65.2	50.2	75.4

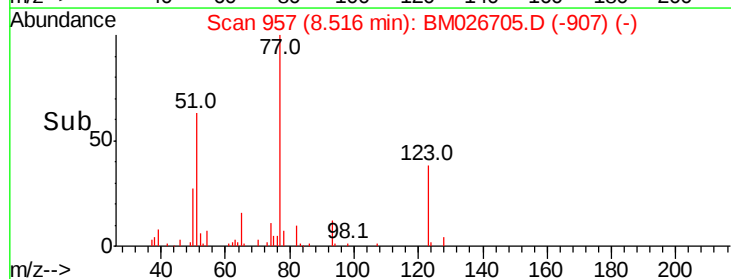
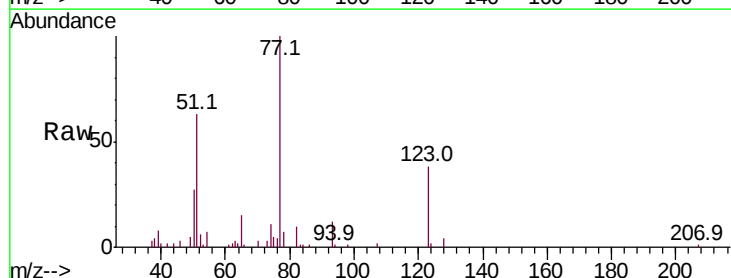
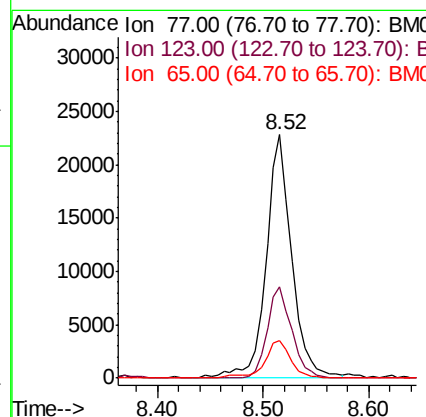
Manual Integrations
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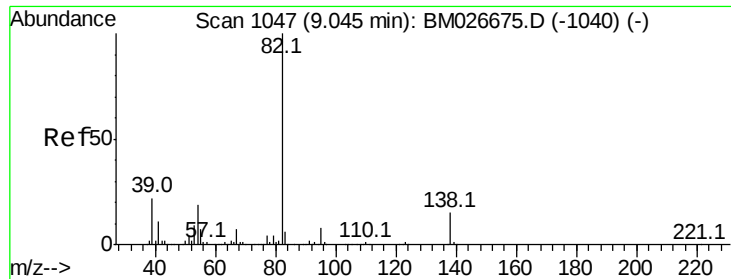
mohammad
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#24
Nitrobenzene
Concen: 8.969 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	29.8	44.6
65	15.3	12.2	18.4





#25

Isophorone

Concen: 8.010 ng

RT: 9.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

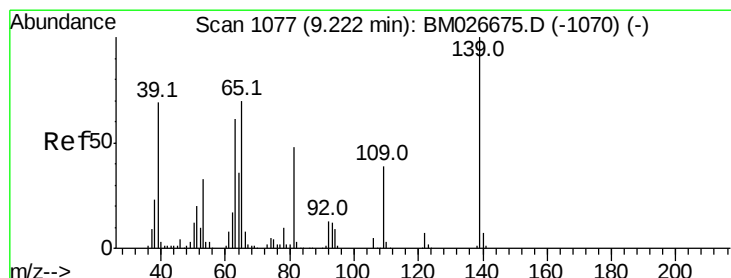
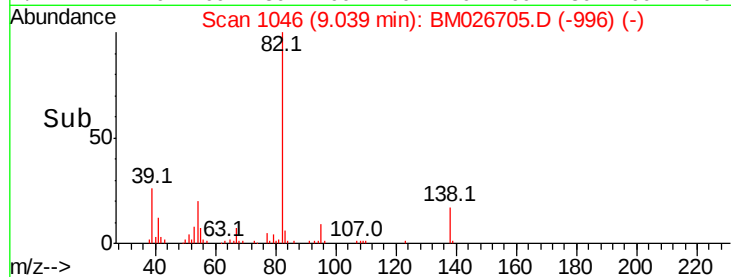
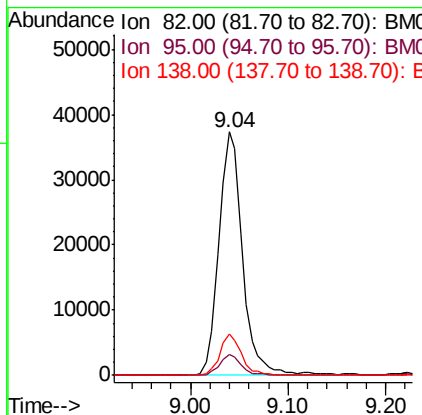
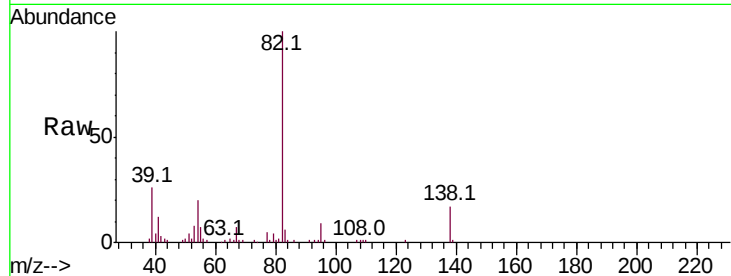
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	82	Resp:	62635
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.3	9.5
138	16.9	12.0	18.0

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#26

2-Nitrophenol

Concen: 6.781 ng

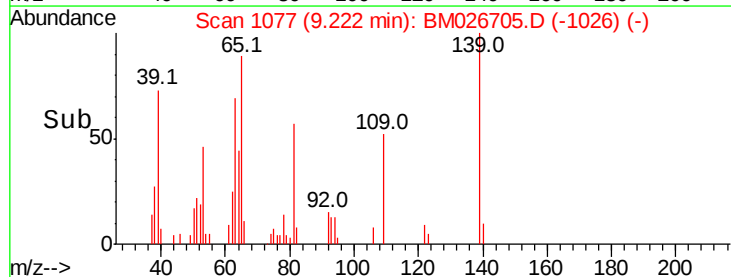
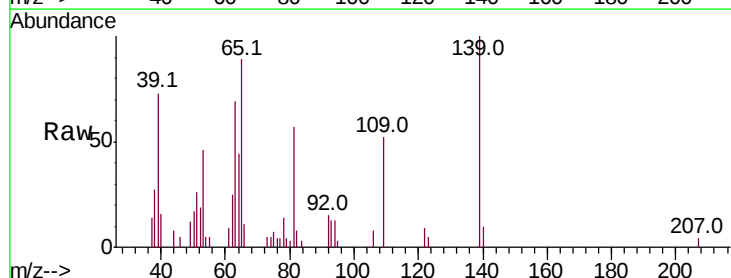
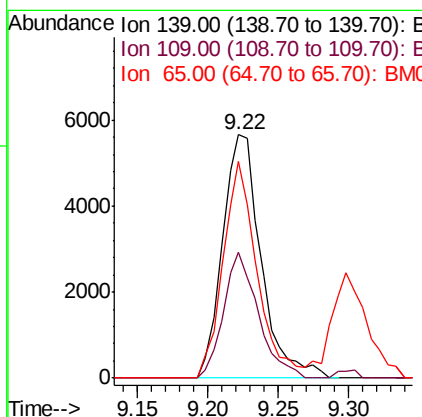
RT: 9.22 min Scan# 1077

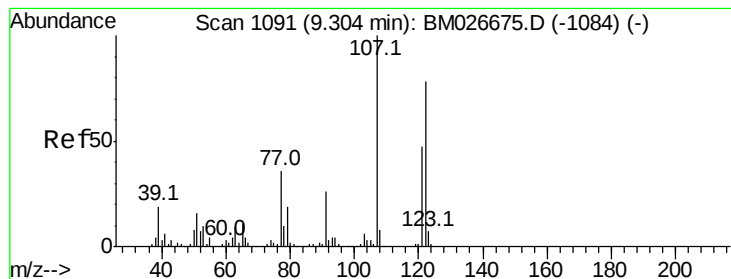
Delta R.T. -0.00 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	139	Resp:	10738
Ion Ratio	Lower	Upper	
139	100		
109	51.5	30.8	46.2#
65	89.0	56.2	84.4#





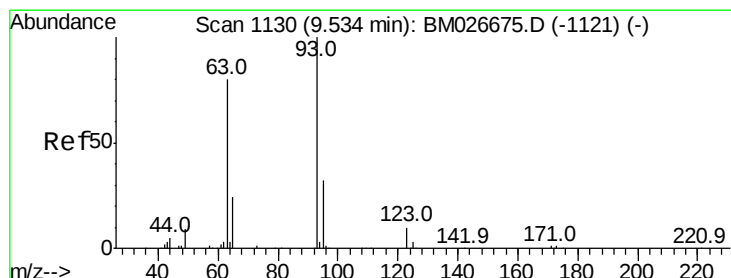
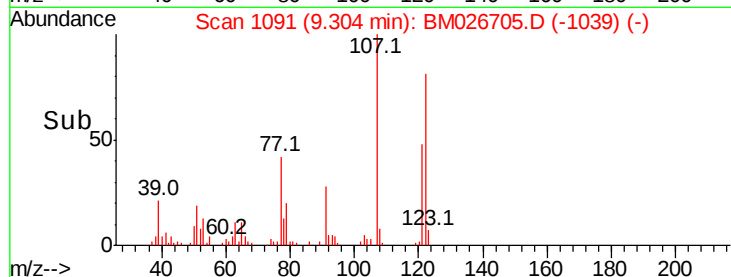
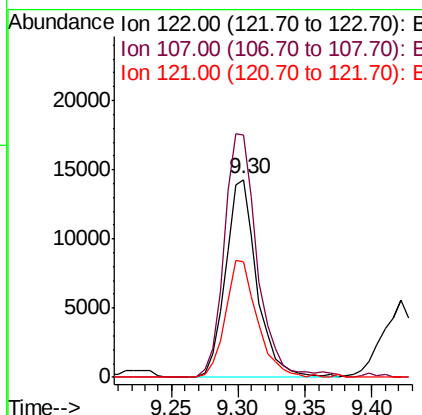
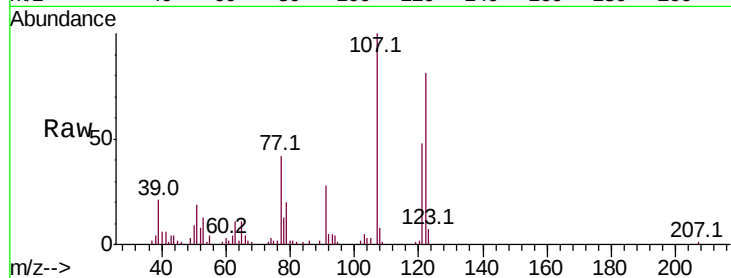
#27
2,4-Dimethylphenol
Concen: 9.125 ng
RT: 9.30 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.8	102.1	153.1
121	58.8	48.2	72.2

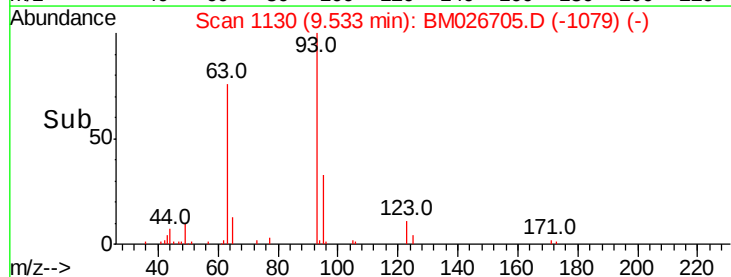
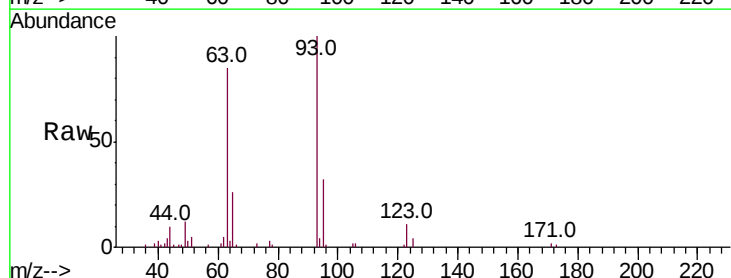
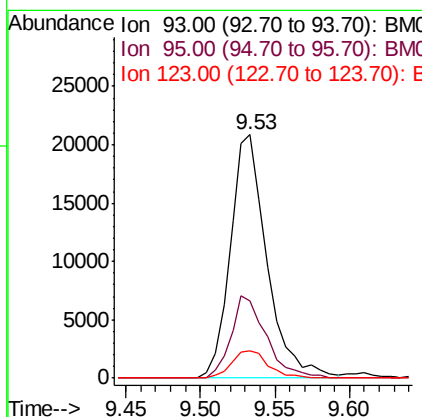
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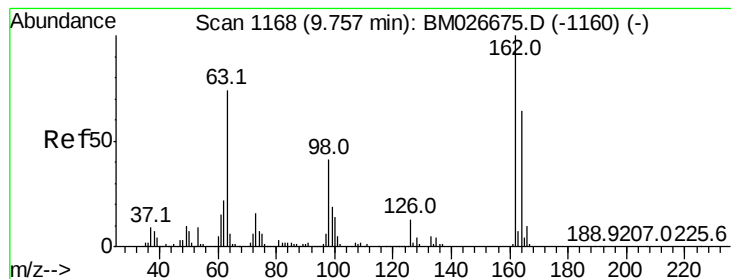
mohammad
7/9/2020 10:59:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 8.236 ng
RT: 9.53 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.7	38.5
123	11.4	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 7.742 ng

RT: 9.76 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

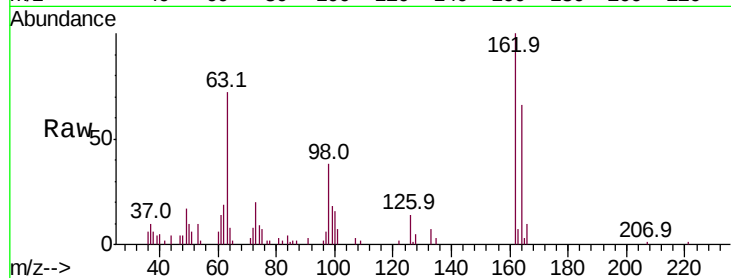
ClientSampleId :

LOQ-WATER-02-QT3-2020

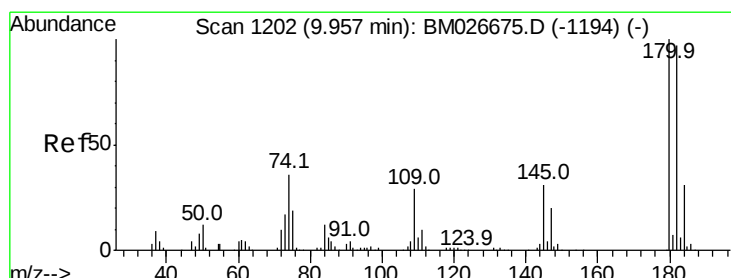
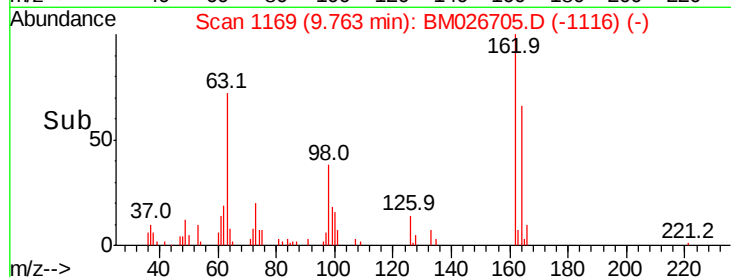
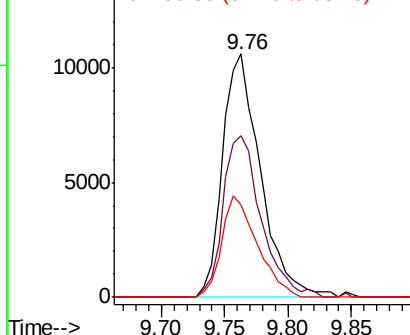
Tot Ion:	162	Resp:	21953
Ion Ratio	Lower	Upper	
162	100		
164	66.3	44.3	84.3
98	38.0	21.0	61.0

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 8.929 ng

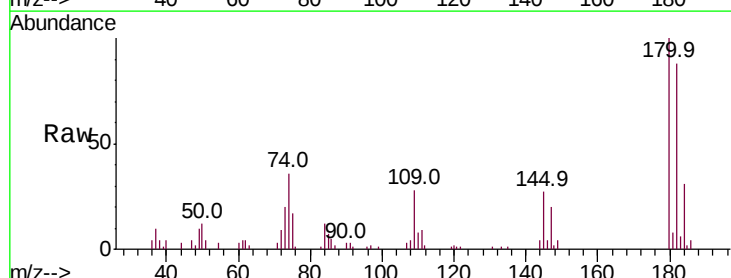
RT: 9.95 min Scan# 1201

Delta R.T. -0.01 min

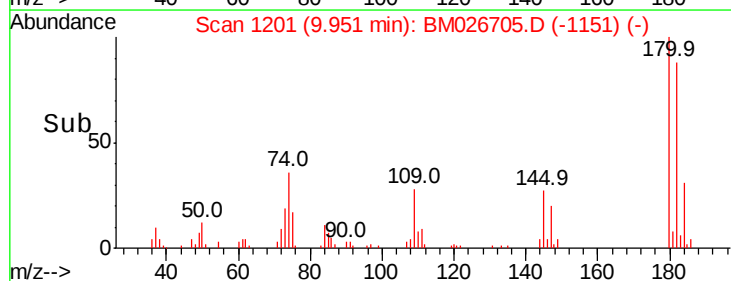
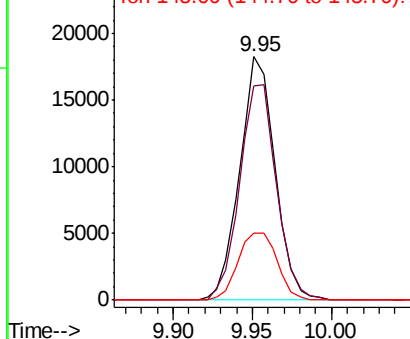
Lab File: BM026705.D

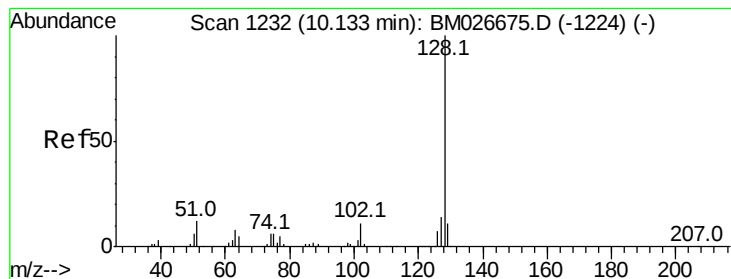
Acq: 08 Jul 2020 15:22

Tgt Ion:	180	Resp:	28247
Ion Ratio	Lower	Upper	
180	100		
182	88.0	77.8	116.6
145	27.5	25.0	37.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





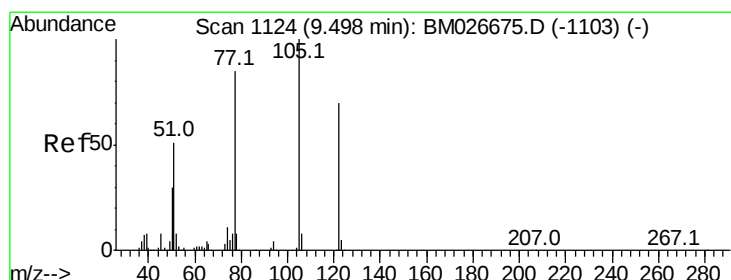
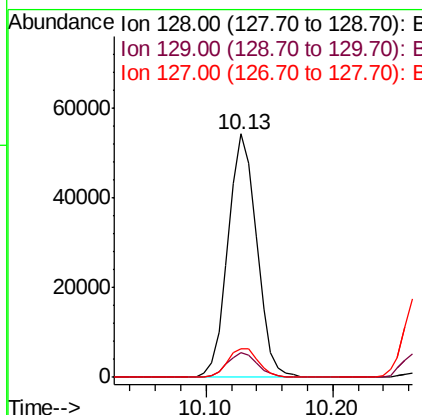
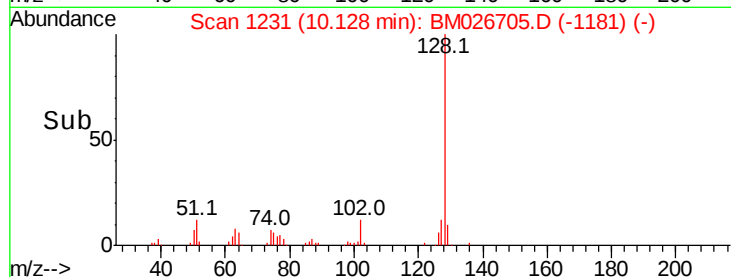
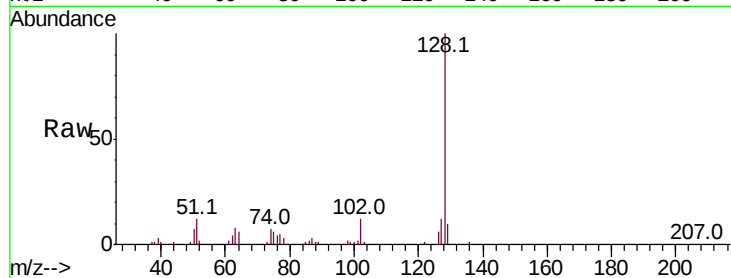
#31
Naphthalene
Concen: 8.762 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	84783		
129	10.1		8.8	13.2
127	11.8		10.8	16.2

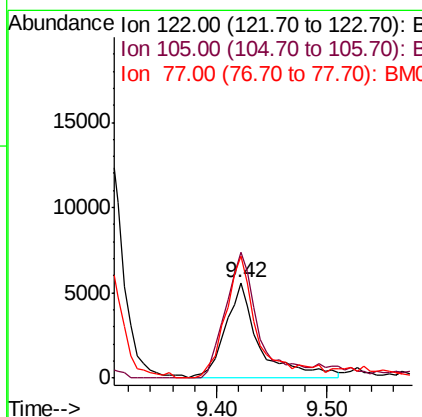
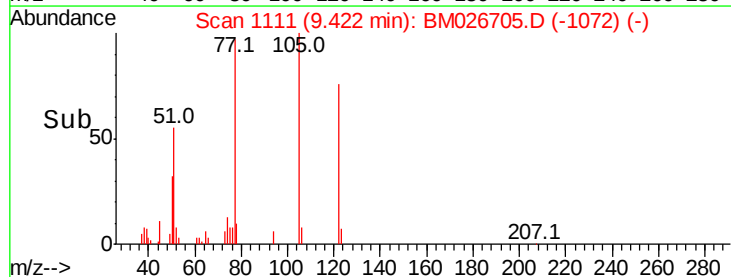
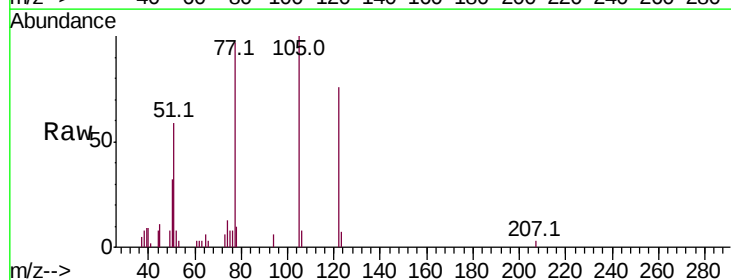
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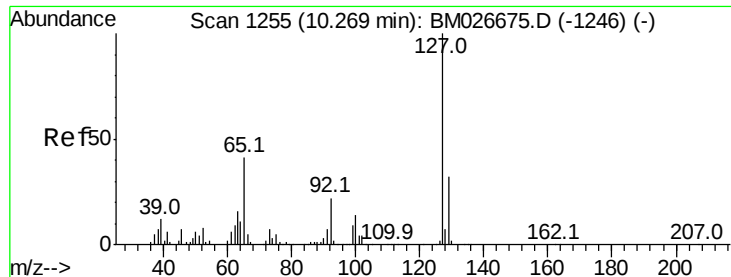
mohammad
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#32
Benzoic acid
Concen: 6.149 ng
RT: 9.42 min Scan# 1111
Delta R.T. -0.07 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	12015		
105	131.5		120.9	160.9
77	127.7		100.0	140.0





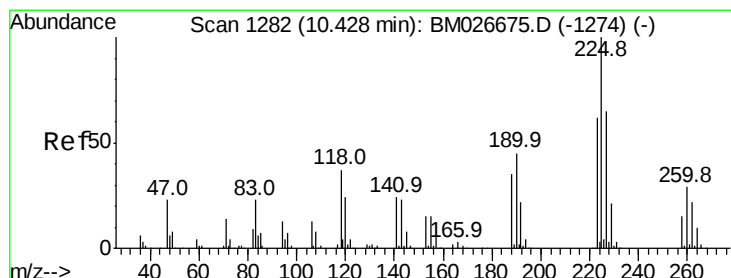
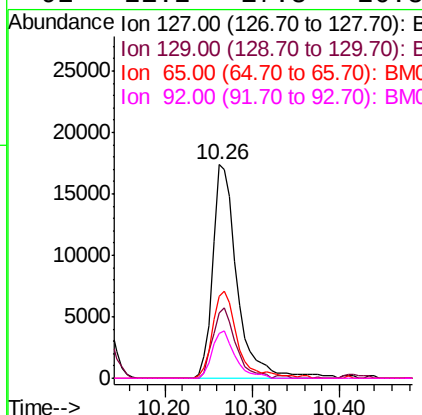
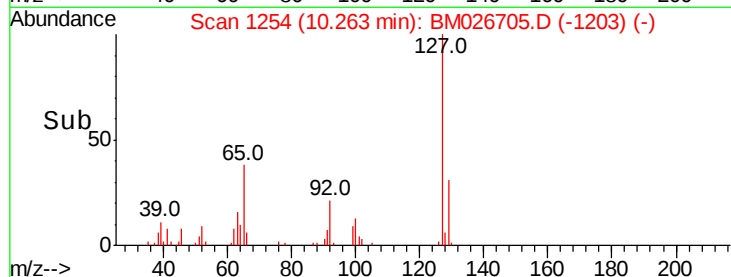
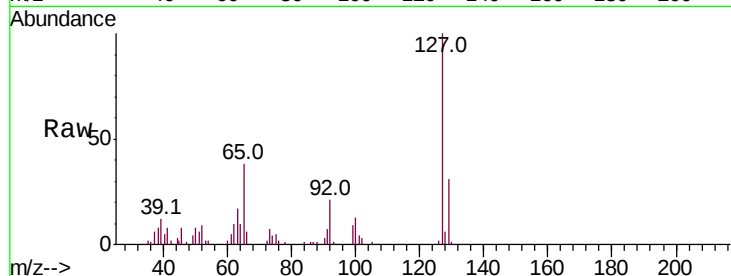
#33
4-Chloroaniline
Concen: 7.964 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.6	25.8	38.6	
65	38.4	32.5	48.7	
92	21.2	17.8	26.8	

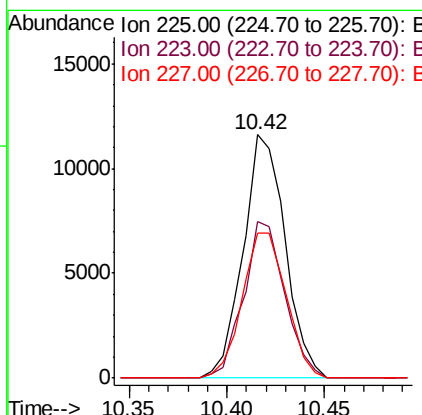
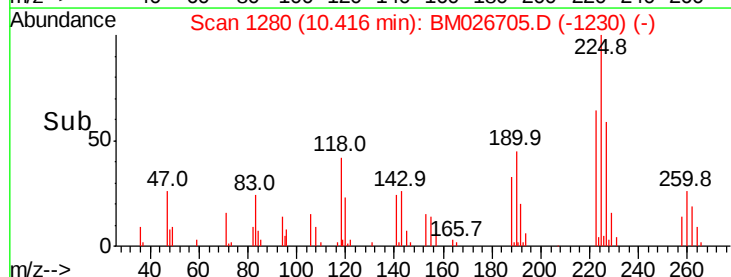
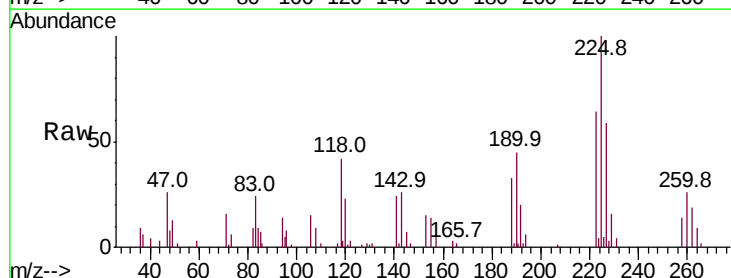
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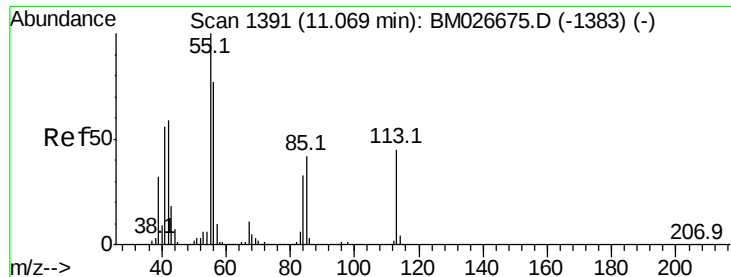
mohammad
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#34
Hexachlorobutadiene
Concen: 8.258 ng
RT: 10.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	49.8	74.8	
227	59.3	52.3	78.5	





#35

Caprolactam

Concen: 6.654 ng

RT: 11.04 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

ClientSampleId :

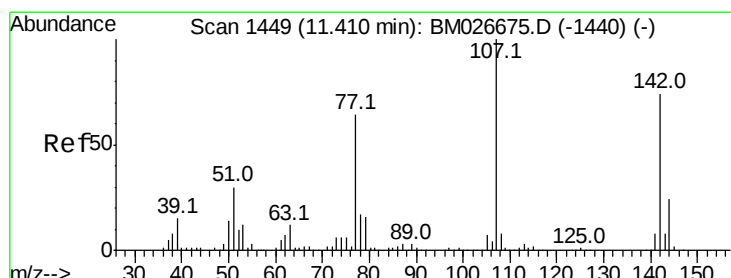
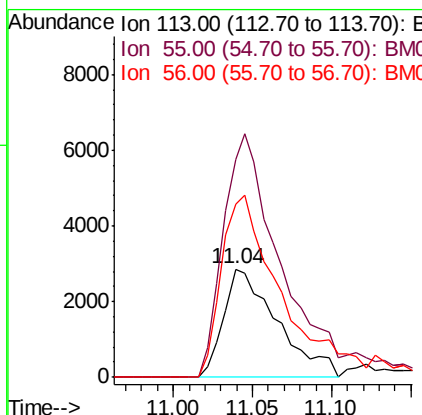
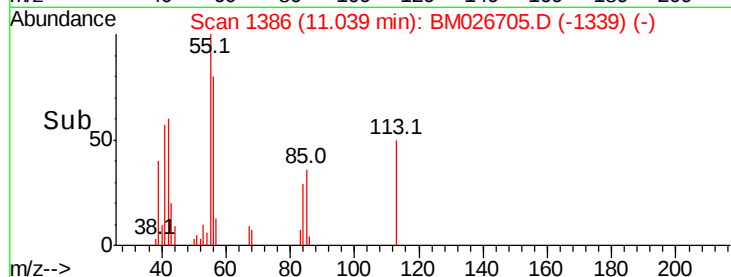
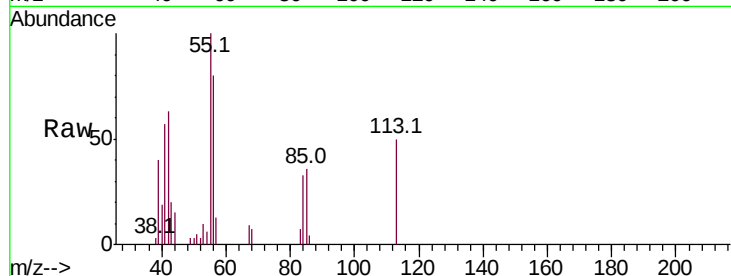
LOQ-WATER-02-QT3-2020

Tot Ion:113 Resp: 6684

Ion	Ratio	Lower	Upper
113	100		
55	201.2	203.5	243.5#
56	160.6	151.6	191.6

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#36

4-Chloro-3-methylphenol

Concen: 7.842 ng

RT: 11.40 min Scan# 1448

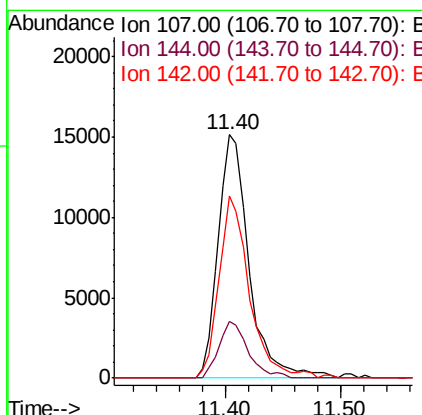
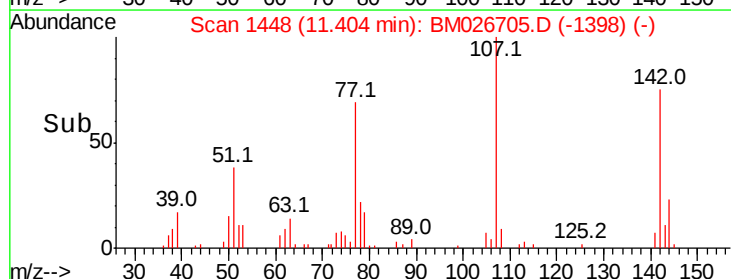
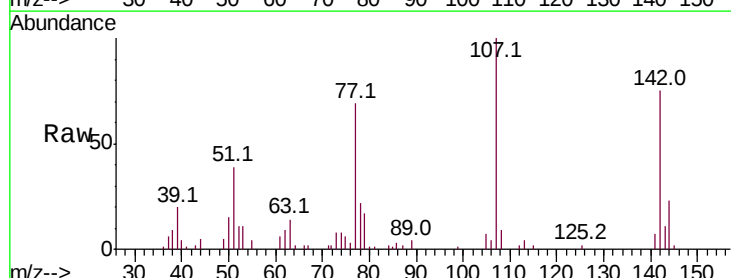
Delta R.T. -0.01 min

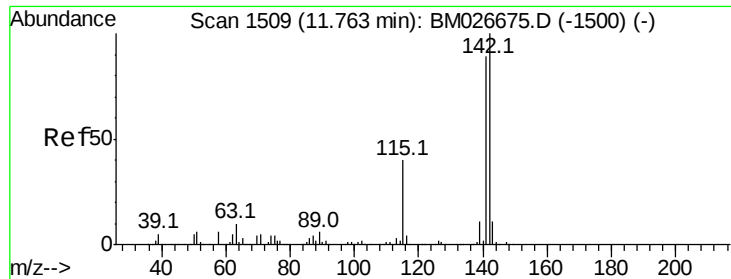
Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:107 Resp: 28104

Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.9	28.3
142	74.7	59.0	88.4





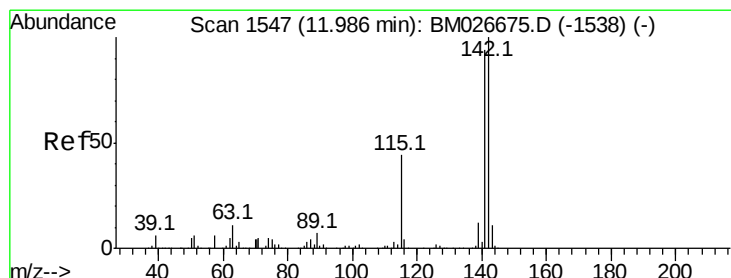
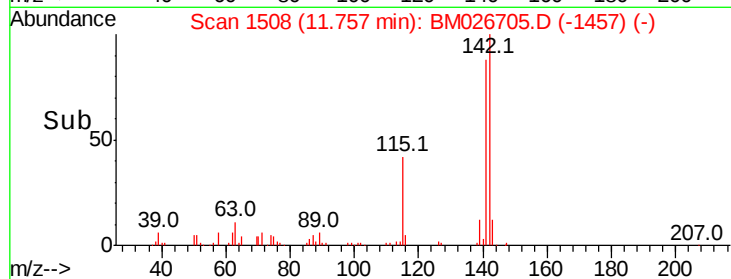
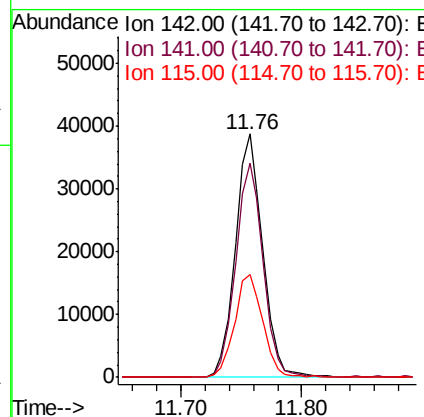
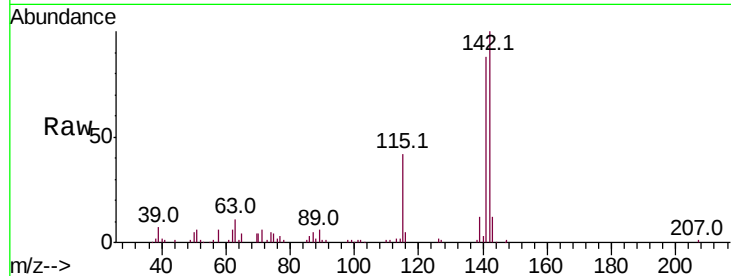
#37
2-Methylnaphthalene
Concen: 8.490 ng
RT: 11.76 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.0
115	42.1	32.1	48.1

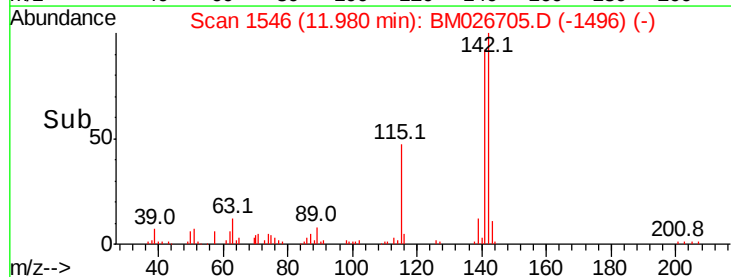
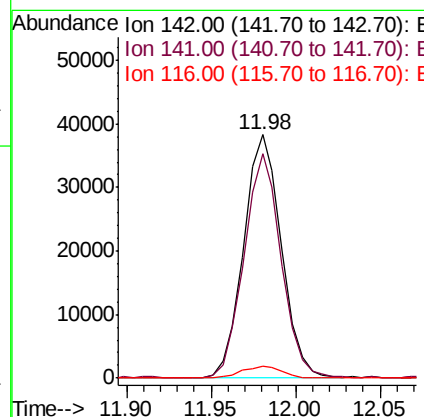
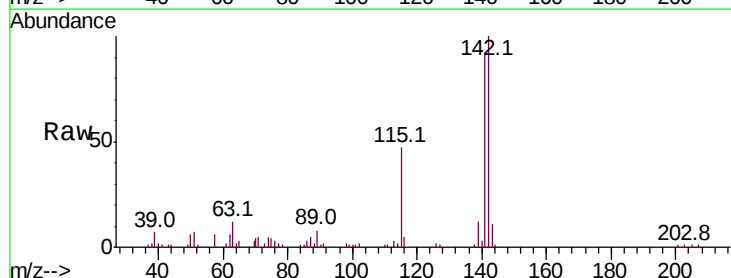
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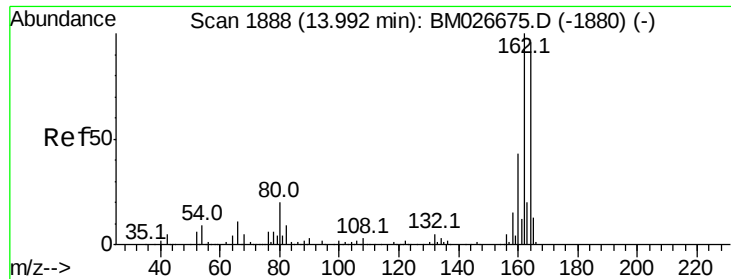
mohammad
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#38
1-Methylnaphthalene
Concen: 8.643 ng
RT: 11.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.0	112.6
116	5.1	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

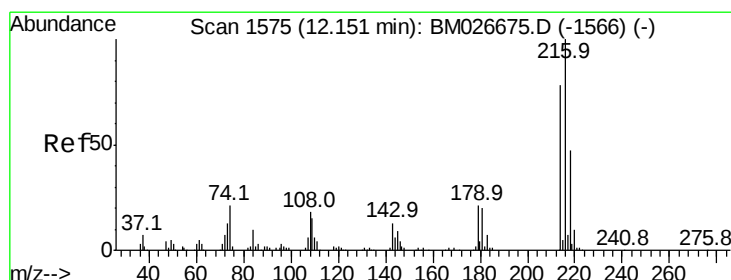
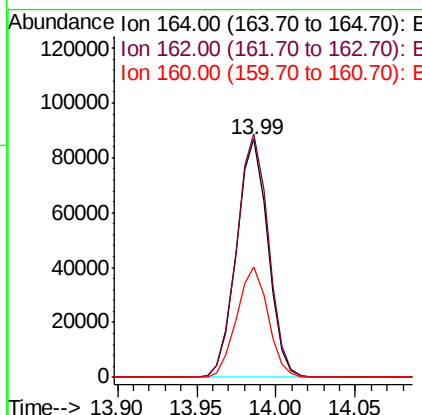
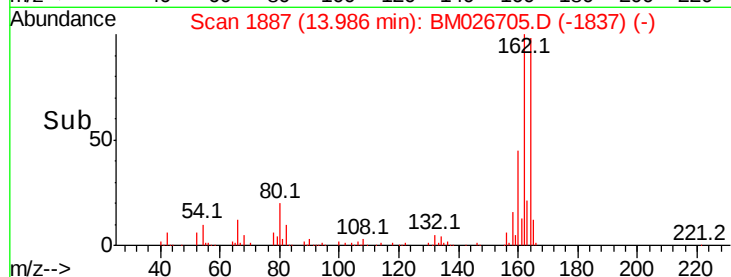
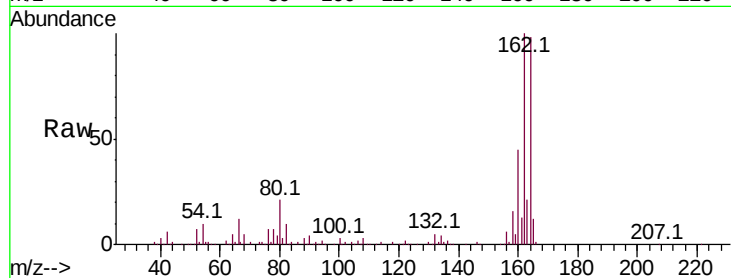
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	164	Resp:	119196
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.7	125.5
160	46.4	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 14.450 ng

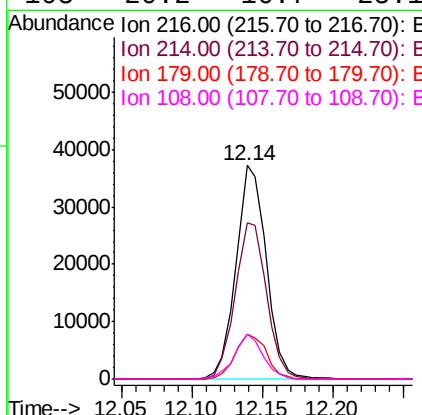
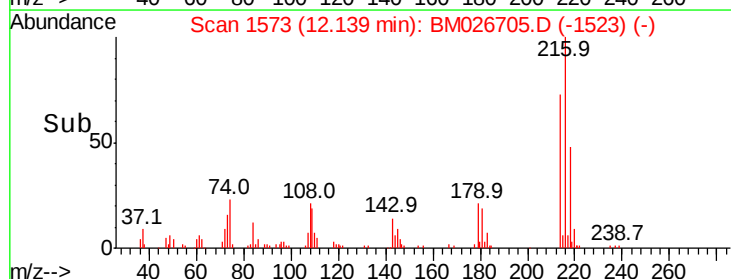
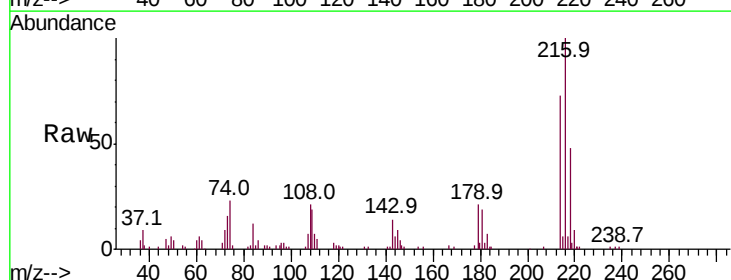
RT: 12.14 min Scan# 1573

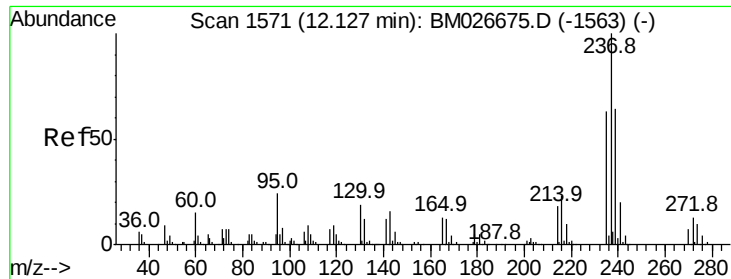
Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	216	Resp:	55681
Ion Ratio	Lower	Upper	
216	100		
214	75.8	62.6	93.8
179	21.4	17.5	26.3
108	20.2	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 5.425 ng

RT: 12.12 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

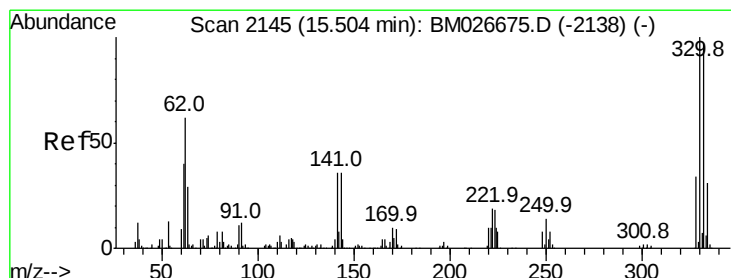
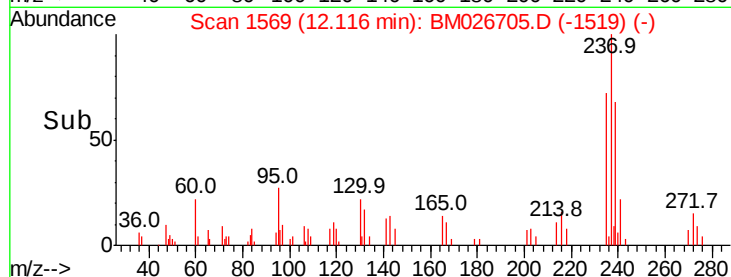
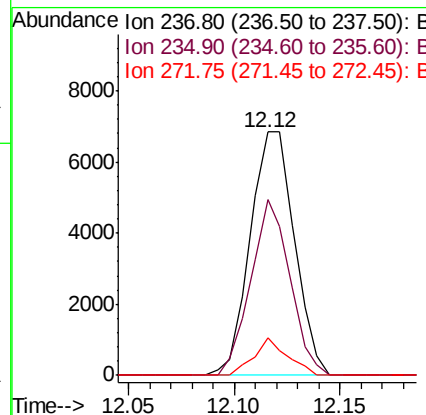
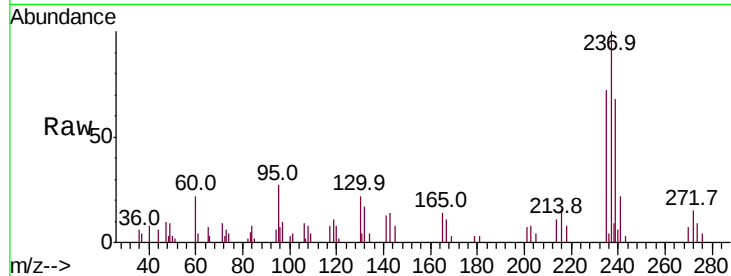
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	237	Resp:	9974
Ion Ratio	Lower	Upper	
237	100		
235	72.2	42.8	82.8
272	15.2	0.0	32.8

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#42

2,4,6-Tribromophenol

Concen: 101.448 ng

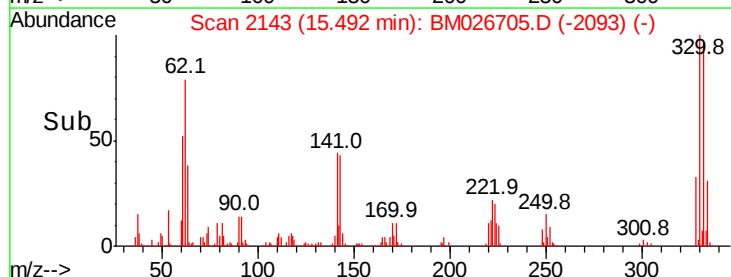
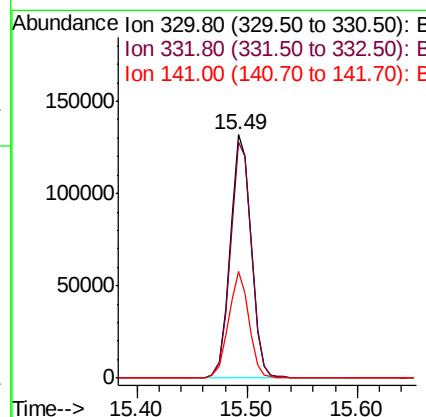
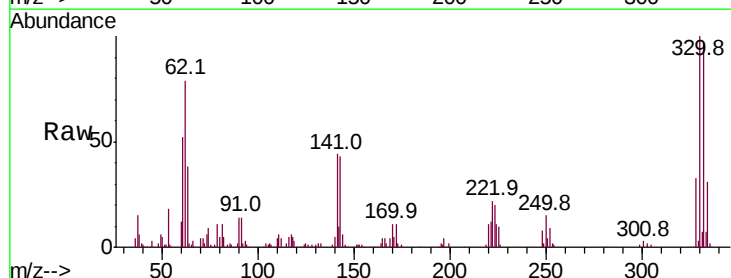
RT: 15.49 min Scan# 2143

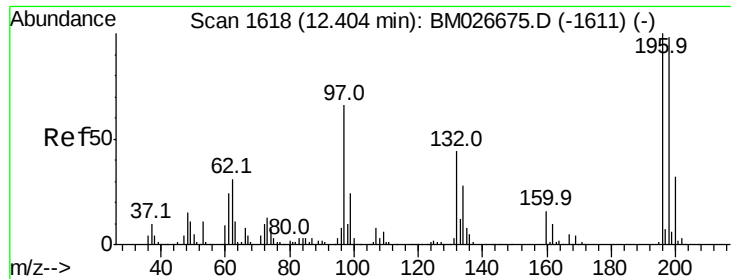
Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	330	Resp:	176147
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.5	116.3
141	42.5	32.4	48.6





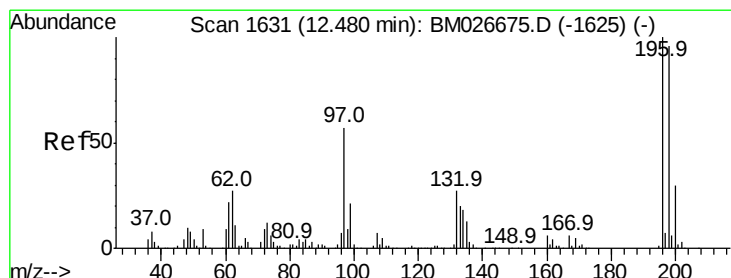
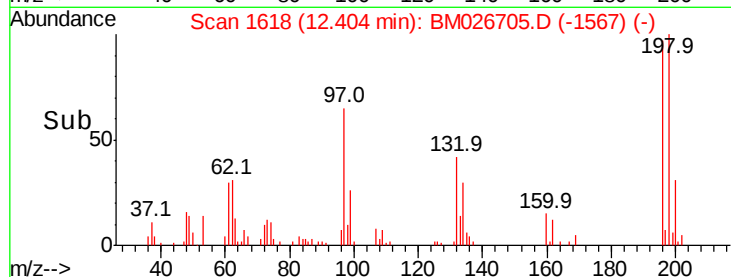
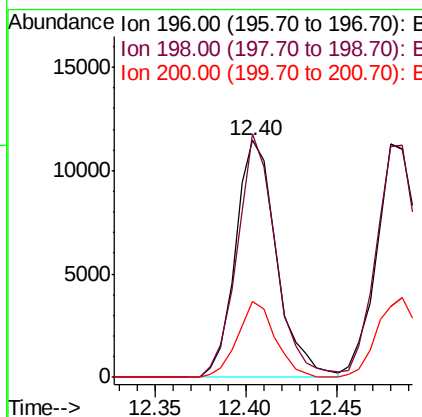
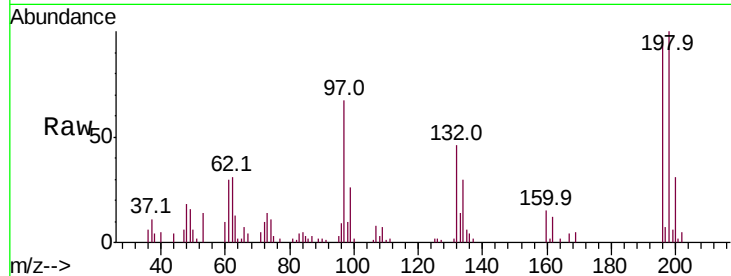
#43
 2,4,6-Trichlorophenol
 Concen: 7.172 ng
 RT: 12.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	18103		
198	102.8	78.6	118.0	
200	32.0	25.3	37.9	

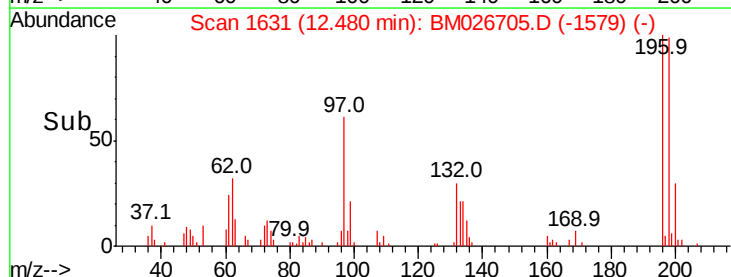
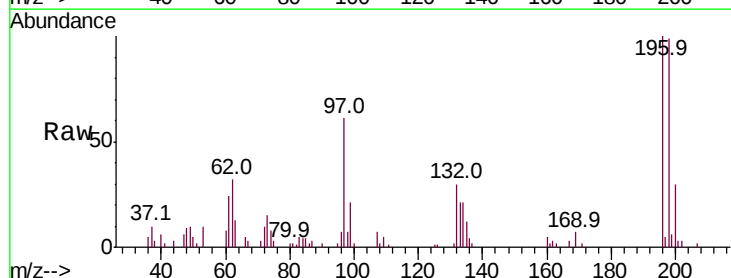
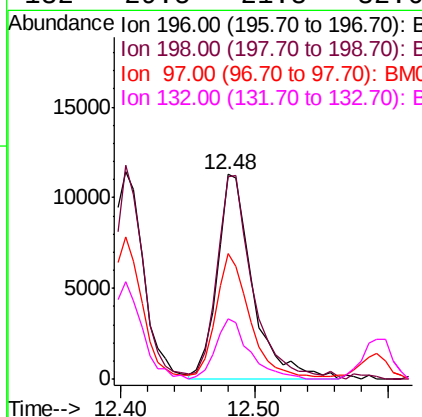
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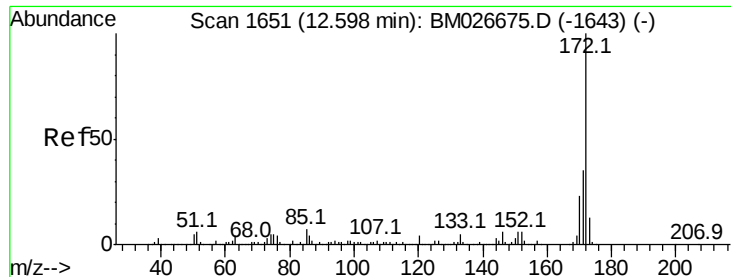
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 7.074 ng
 RT: 12.48 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	20981		
198	98.9	77.0	115.6	
97	61.1	45.7	68.5	
132	29.5	21.8	32.6	





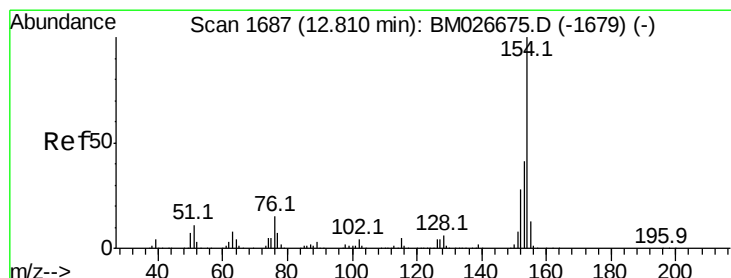
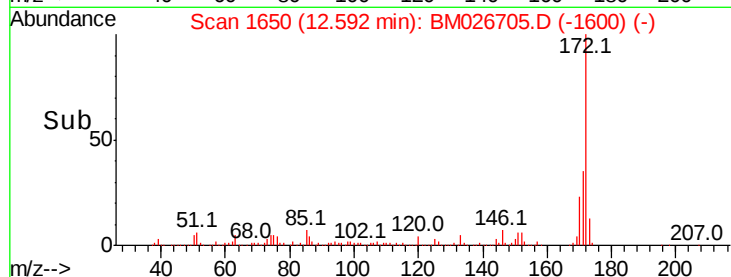
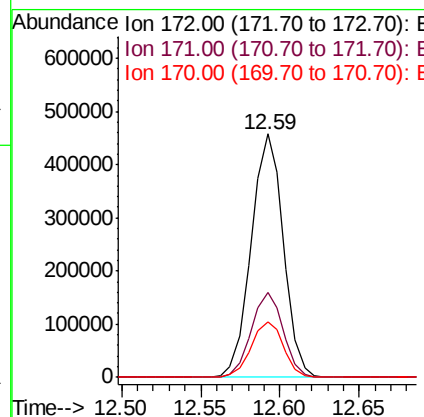
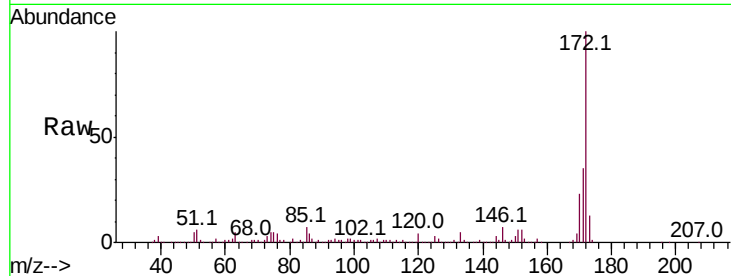
#45
2-Fluorobiphenyl
Concen: 71.923 ng
RT: 12.59 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	22.5	18.5	27.7

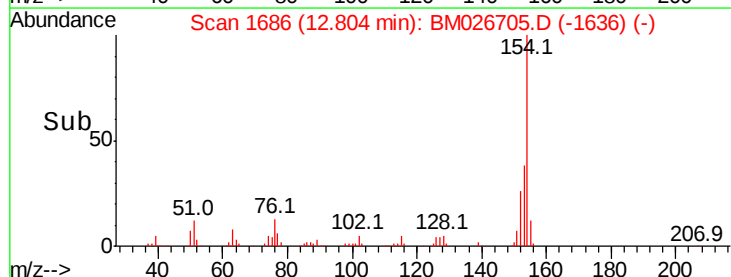
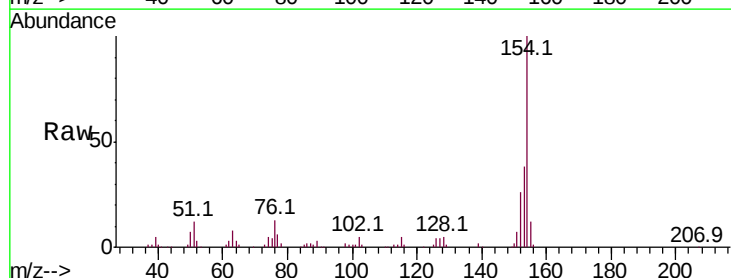
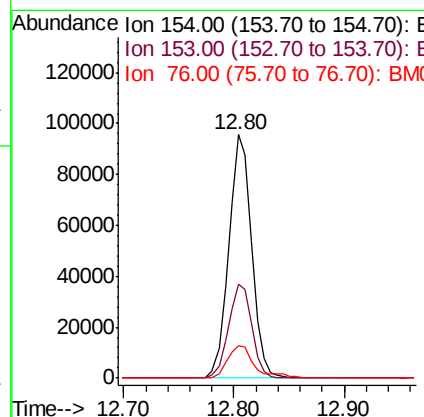
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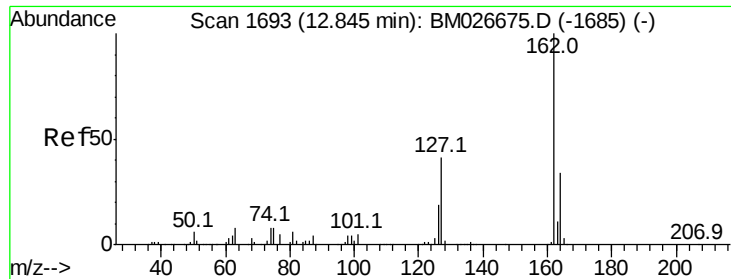
mohammad
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#46
1,1'-Biphenyl
Concen: 14.730 ng
RT: 12.80 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.9	60.9
76	13.2	0.0	35.2





#47

2-Chloronaphthalene

Concen: 8.281 ng

RT: 12.84 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

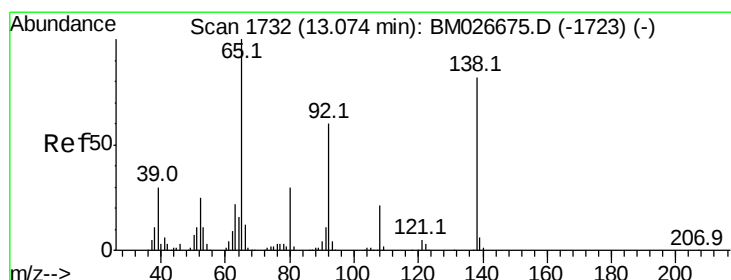
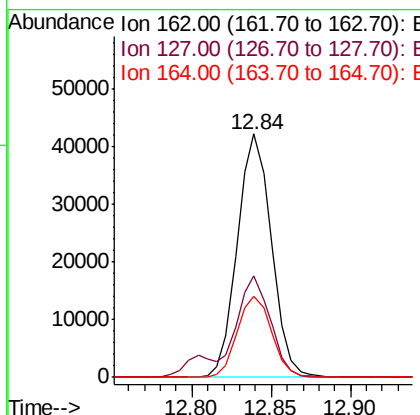
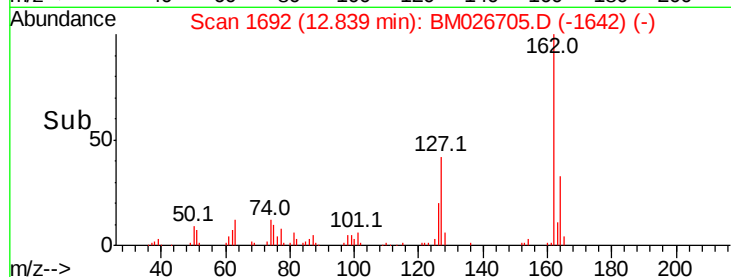
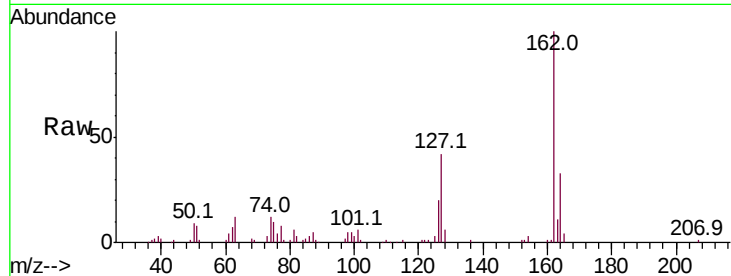
Instrument :
BNA_M

ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	62982		
127	41.9		34.0	51.0
164	33.1		26.9	40.3

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#48

2-Nitroaniline

Concen: 6.670 ng

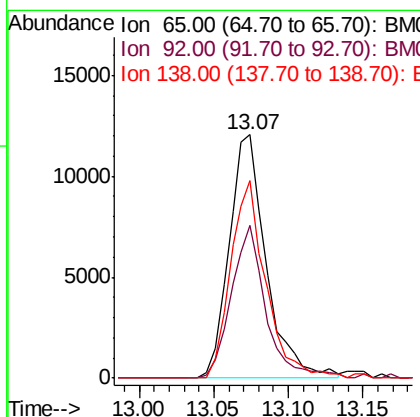
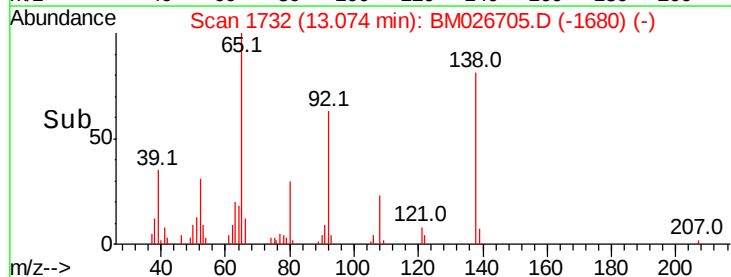
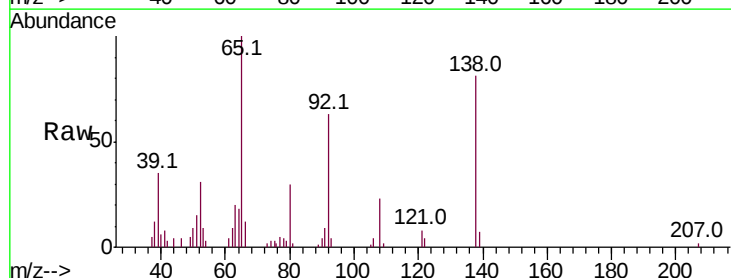
RT: 13.07 min Scan# 1732

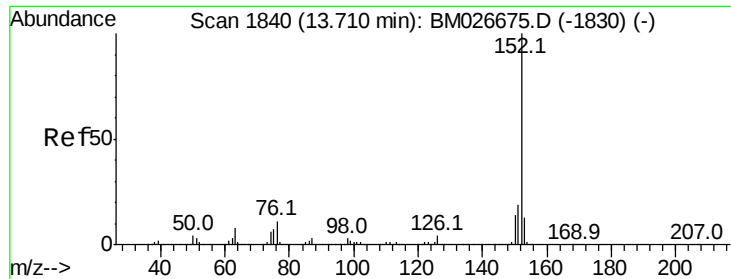
Delta R.T. 0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	20878		
92	62.7		47.8	71.8
138	80.9		65.6	98.4





#49

Acenaphthylene

Concen: 8.229 ng

RT: 13.70 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

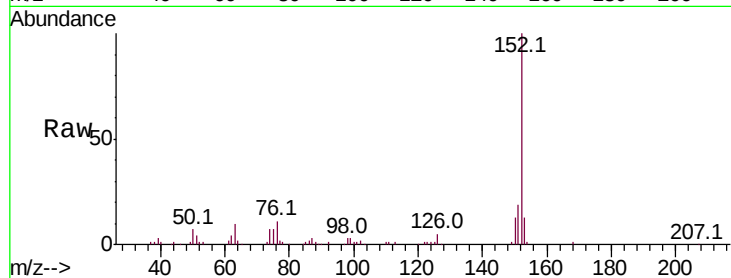
ClientSampleId :

LOQ-WATER-02-QT3-2020

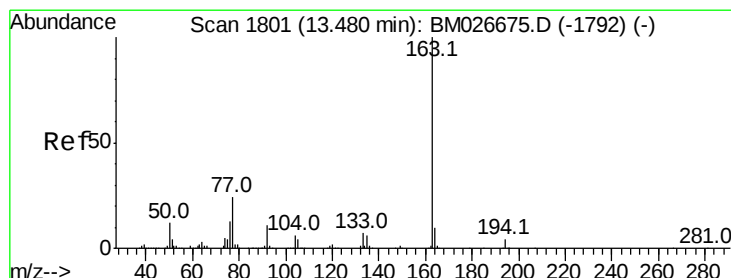
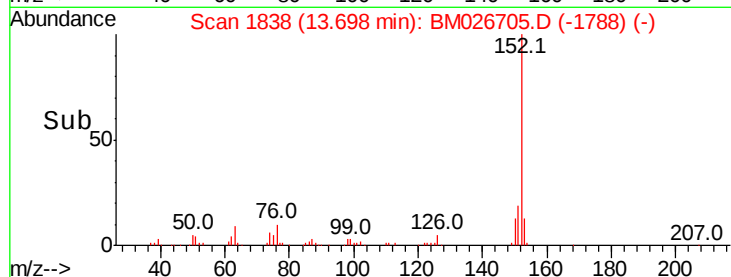
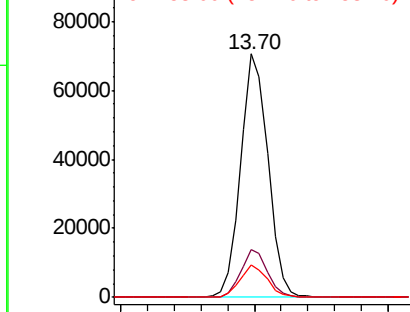
Tot Ion:	152	Resp:	100060
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.6	23.4
153	13.4	10.4	15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.492 ng

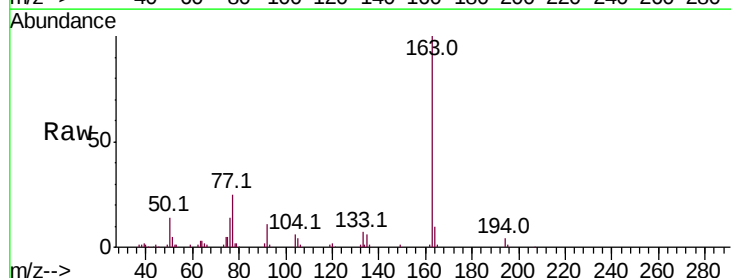
RT: 13.46 min Scan# 1798

Delta R.T. -0.01 min

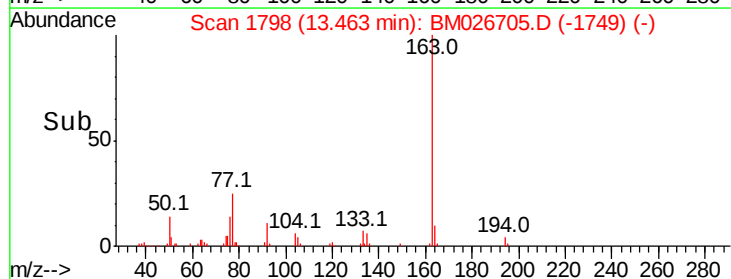
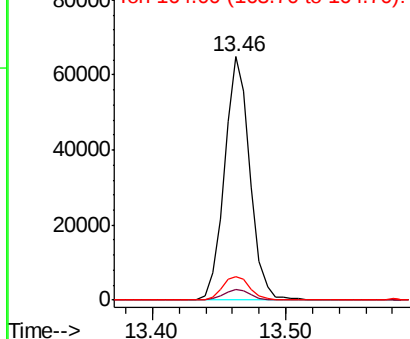
Lab File: BM026705.D

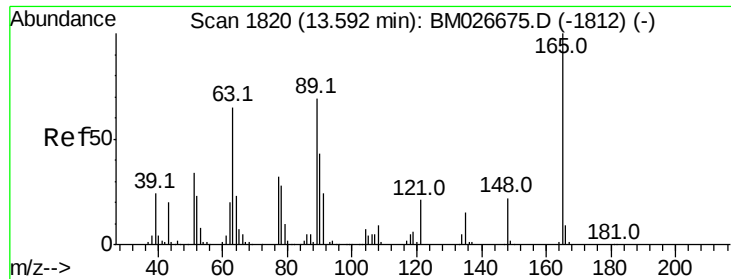
Acq: 08 Jul 2020 15:22

Tgt Ion:	163	Resp:	86582
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	9.8	7.8	11.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





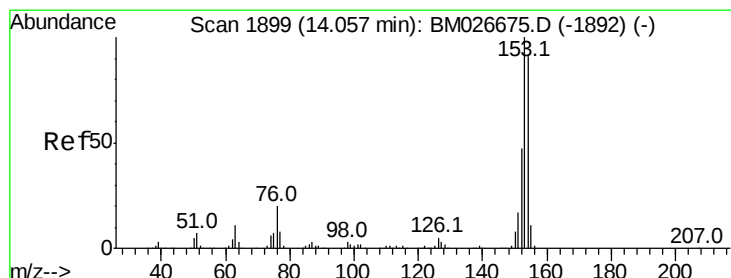
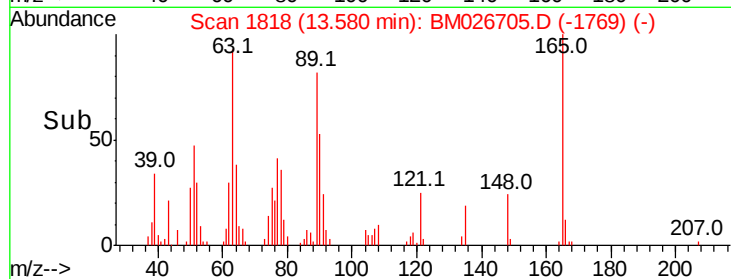
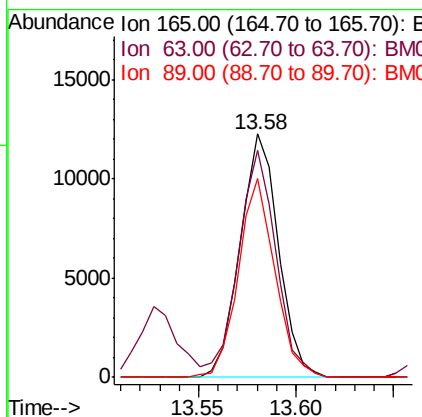
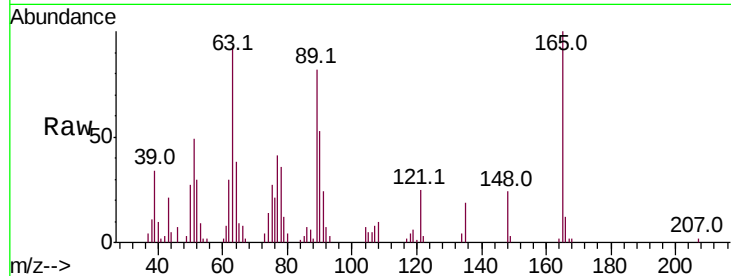
#51
2,6-Dinitrotoluene
Concen: 7.604 ng
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	16602		
63	93.4	61.1	91.7#	
89	81.6	54.9	82.3	

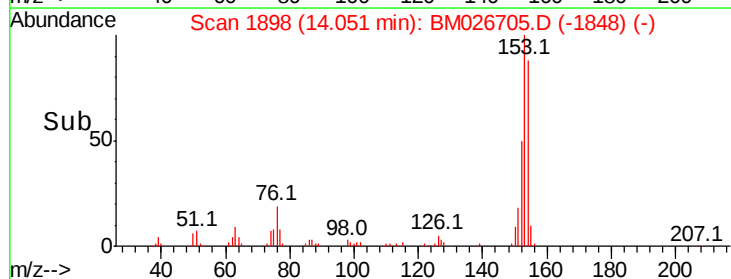
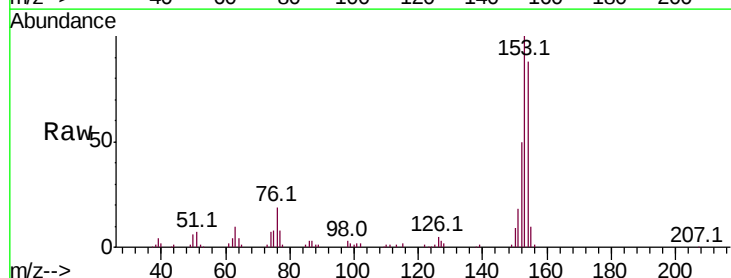
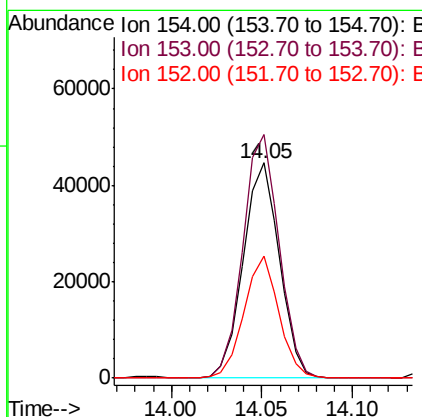
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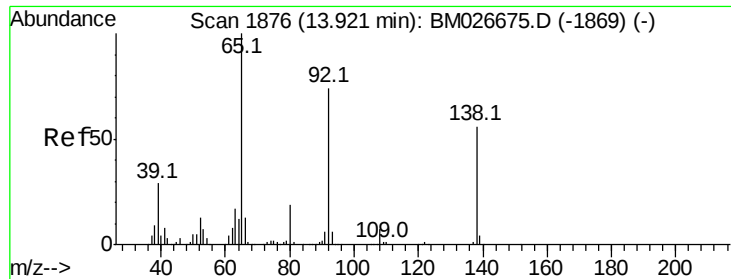
mohammad
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#52
Acenaphthene
Concen: 8.401 ng
RT: 14.05 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	62080		
153	113.2	88.3	132.5	
152	56.5	41.1	61.7	





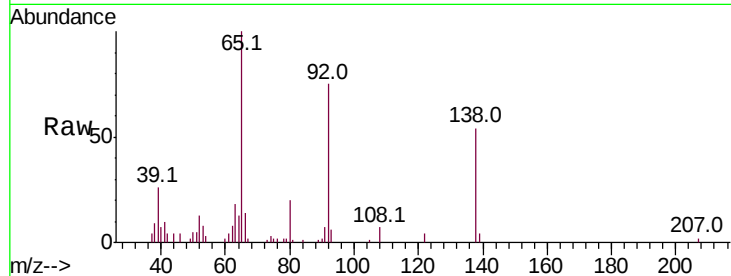
#53
3-Nitroaniline
Concen: 6.670 ng
RT: 13.92 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

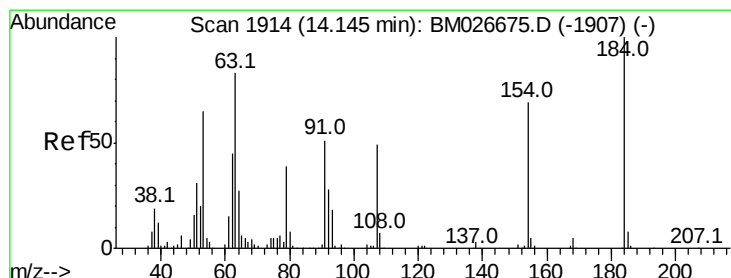
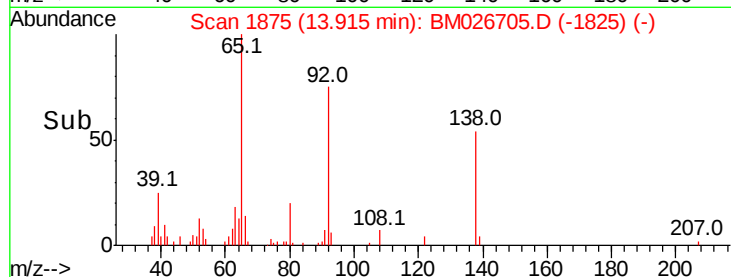
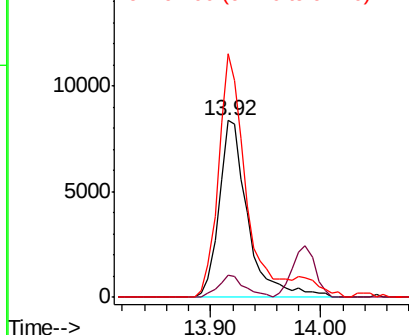
Tot Ion:138 Resp: 15148
Ion Ratio Lower Upper
138 100
108 12.8 9.7 14.5
92 137.7 105.6 158.4

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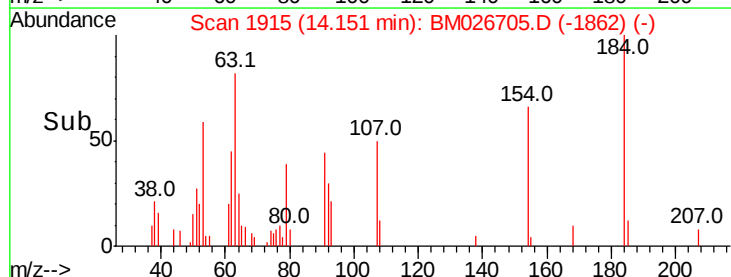
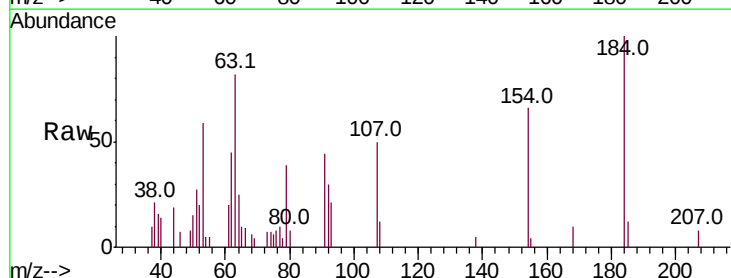
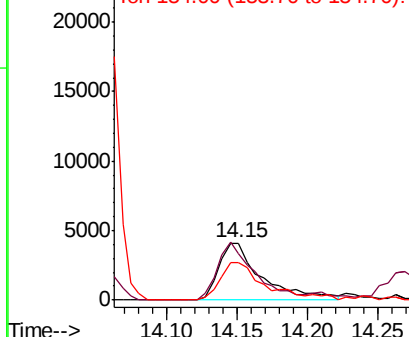
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

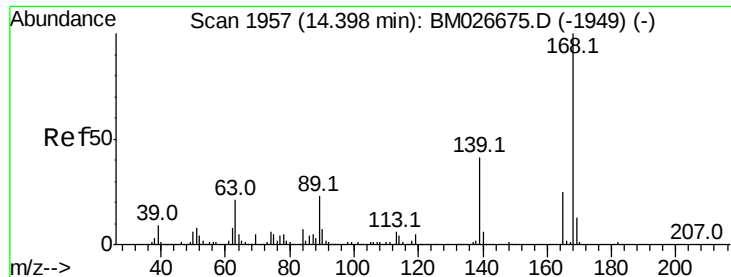


#54
2,4-Dinitrophenol
Concen: 6.807 ng
RT: 14.15 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion:184 Resp: 8698
Ion Ratio Lower Upper
184 100
63 81.7 66.2 99.4
154 66.1 55.2 82.8

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





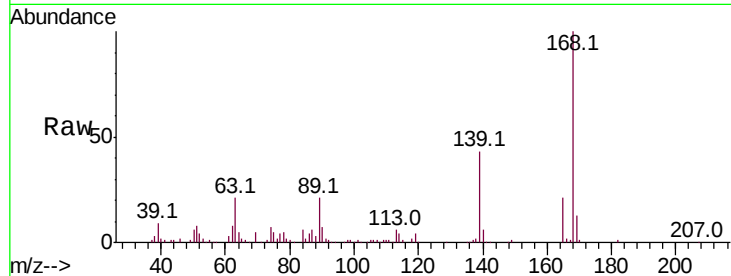
#55
Dibenzofuran
Concen: 8.308 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.3	32.6	48.8	
169	13.2	10.5	15.7	

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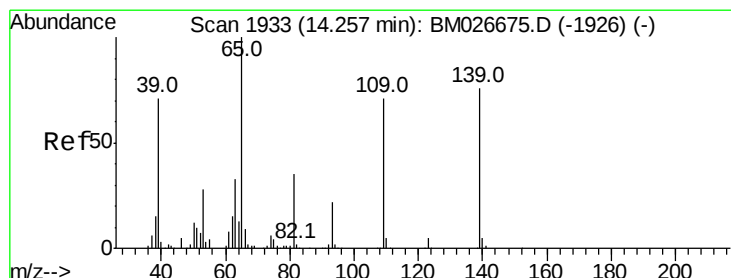
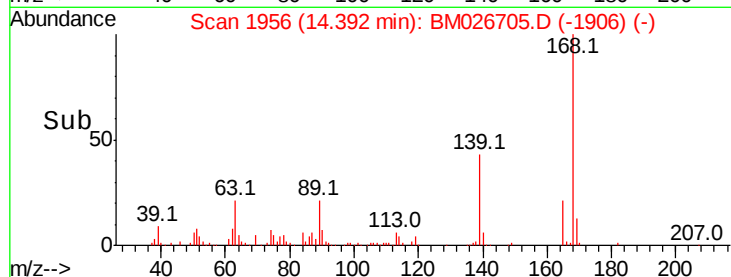
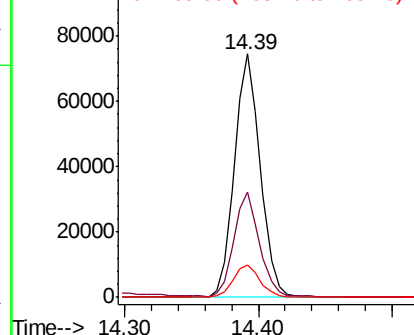


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 5.502 ng
RT: 14.27 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

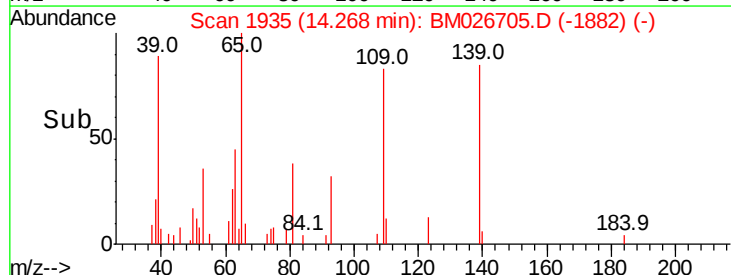
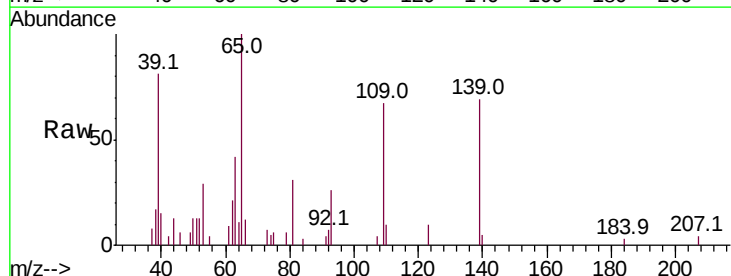
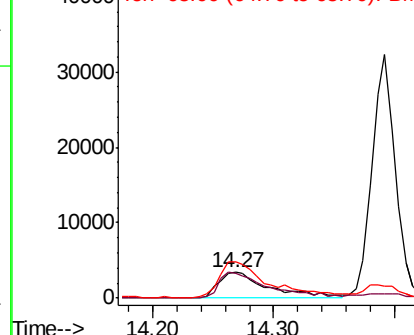
Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	97.8	73.7	113.7	
65	145.2	111.5	151.5	

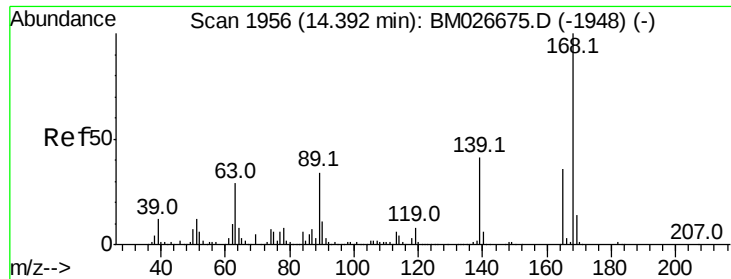
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





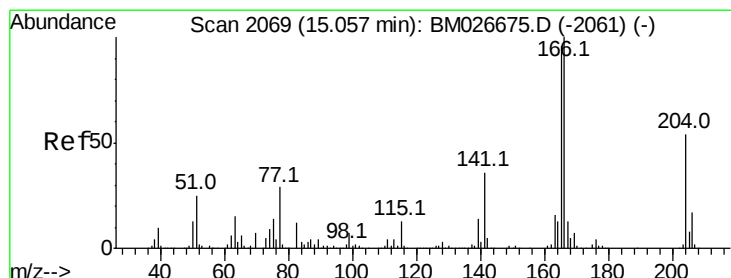
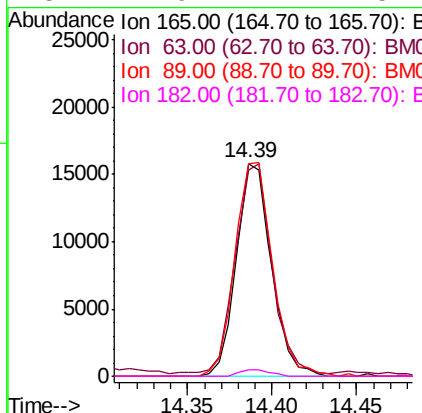
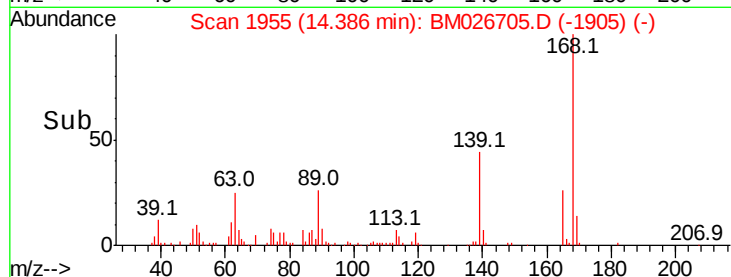
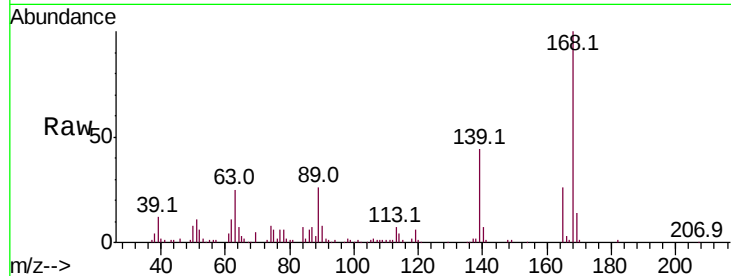
#57
 2,4-Dinitrotoluene
 Concen: 7.283 ng
 RT: 14.39 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	22948		
63	96.6		64.6	97.0
89	99.6		75.4	113.2
182	2.9		2.2	3.4

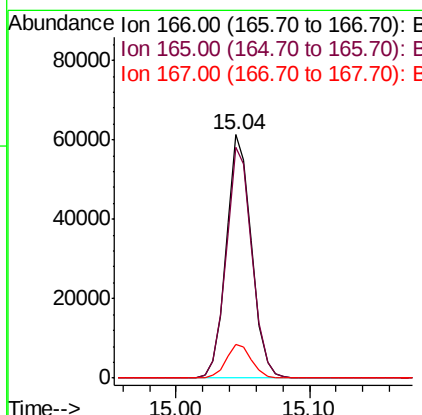
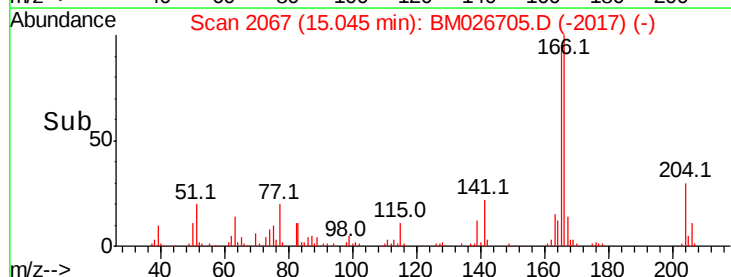
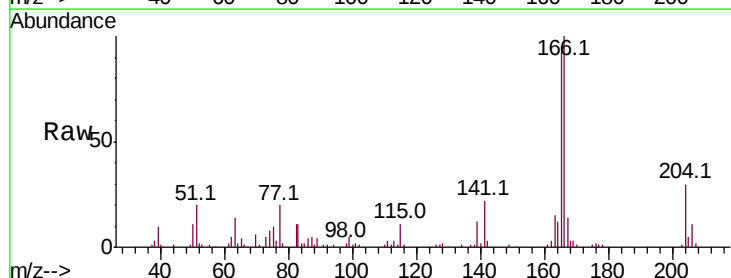
Manual Integrations
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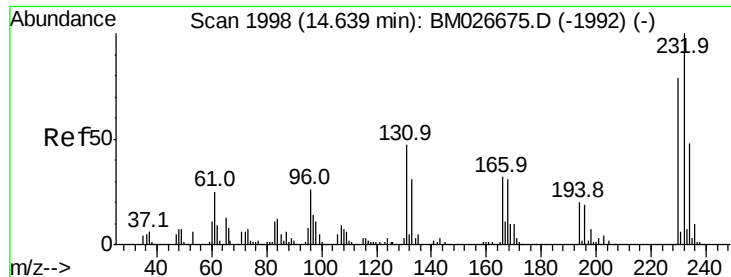
mohammad
 7/9/2020 10:59:52 AM



#58
 Fluorene
 Concen: 8.105 ng
 RT: 15.04 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	81304		
165	94.8		77.1	115.7
167	13.7		10.8	16.2





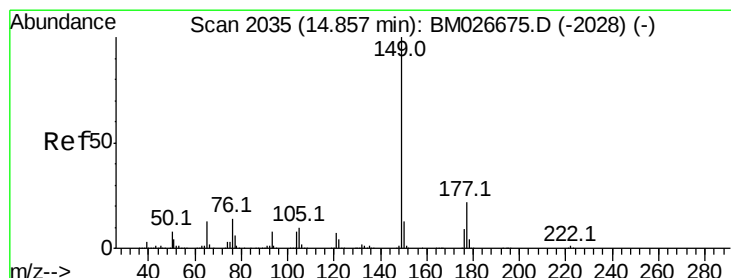
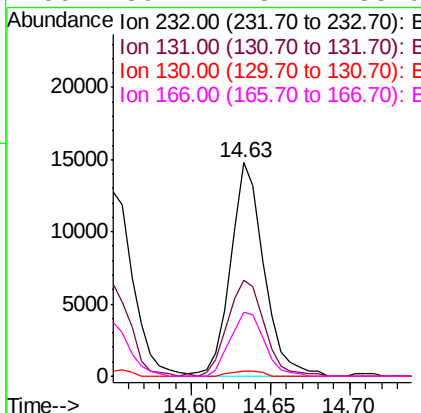
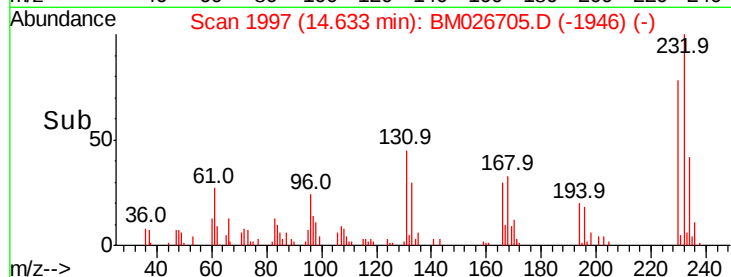
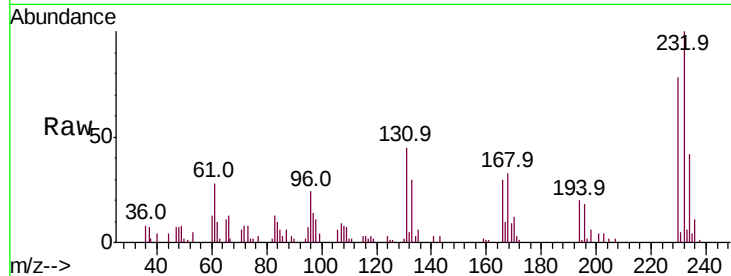
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.312 ng
 RT: 14.63 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.9	38.4	57.6
130	2.3	2.2	3.2
166	30.7	25.4	38.0

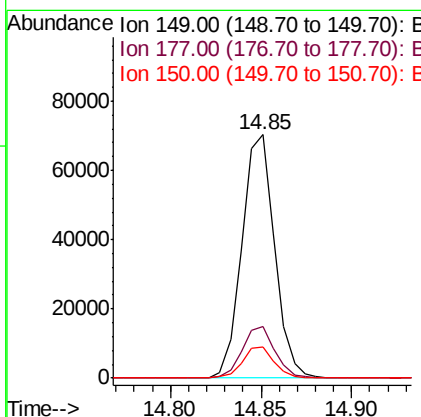
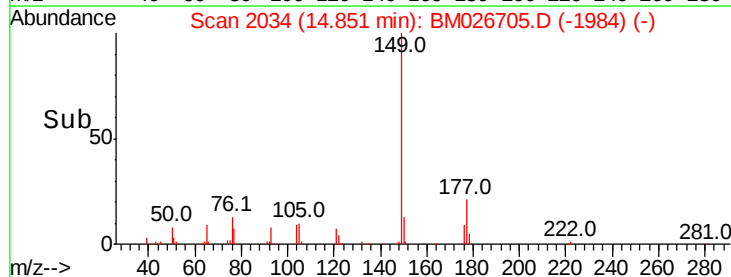
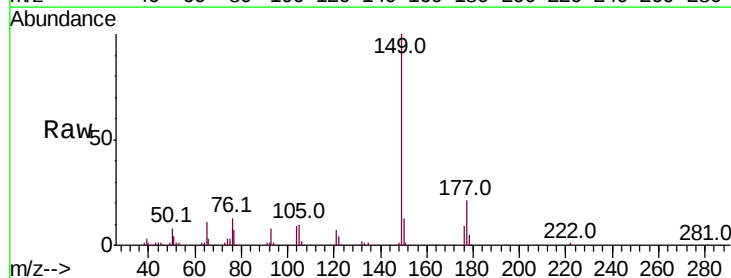
Manual Integrations
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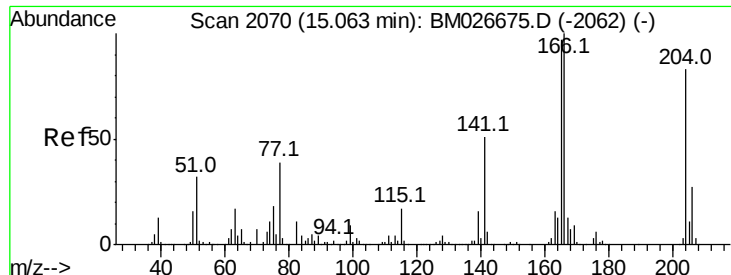
mohammad
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#60
 Diethylphthalate
 Concen: 8.157 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.6
150	12.6	10.2	15.4





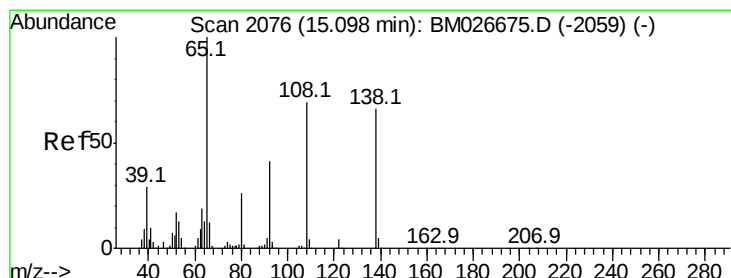
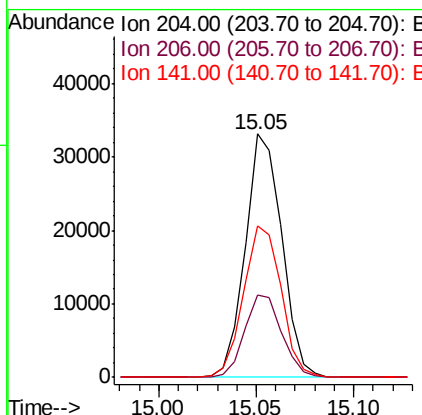
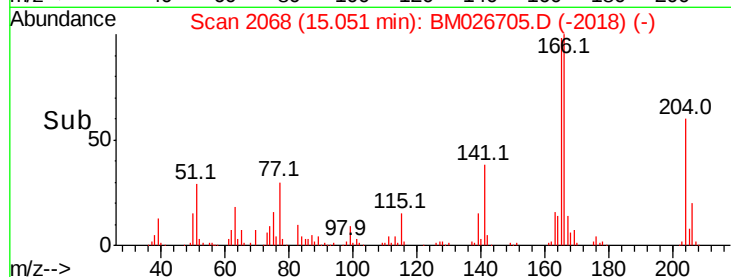
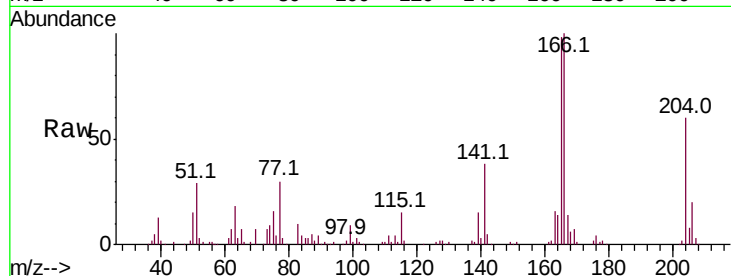
#61
 4-Chlorophenyl-phenylether
 Concen: 7.897 ng
 RT: 15.05 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:	204	Resp:	42919
Ion Ratio	Lower	Upper	
204	100		
206	33.6	25.9	38.9
141	62.4	49.5	74.3

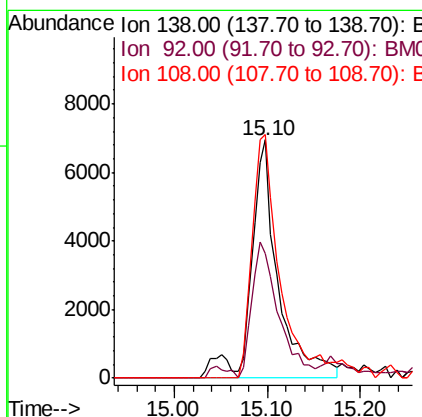
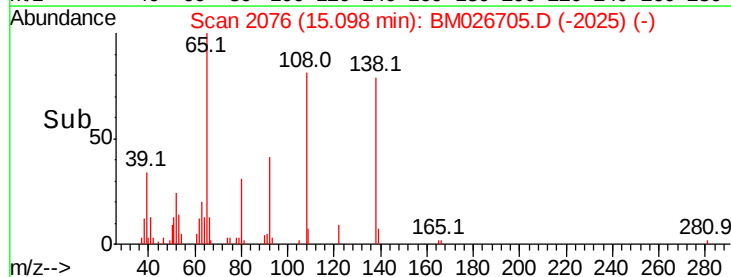
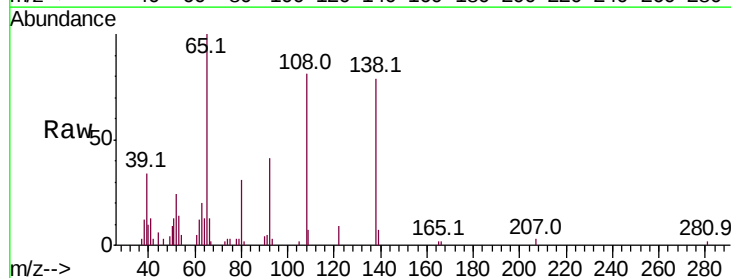
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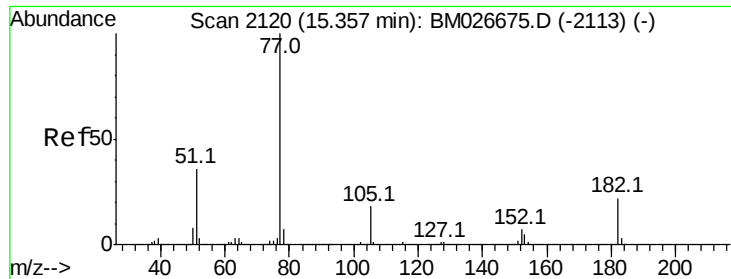
mohammad
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#62
 4-Nitroaniline
 Concen: 5.951 ng m
 RT: 15.10 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion:	138	Resp:	14107
Ion Ratio	Lower	Upper	
138	100		
92	52.3	41.5	81.5
108	102.2	84.8	124.8





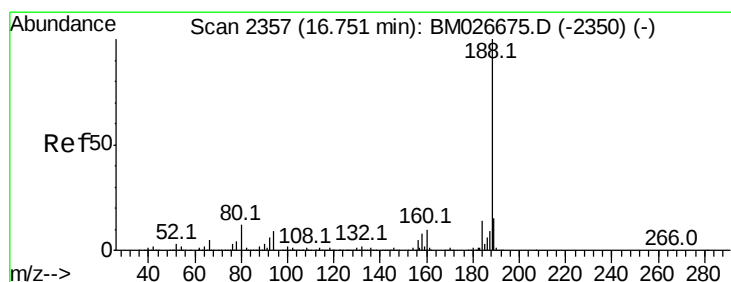
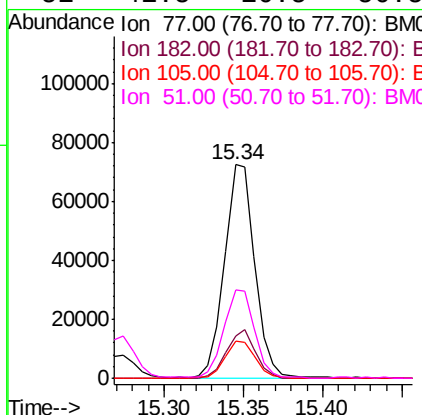
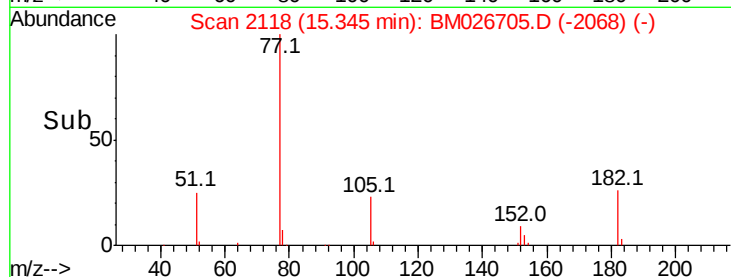
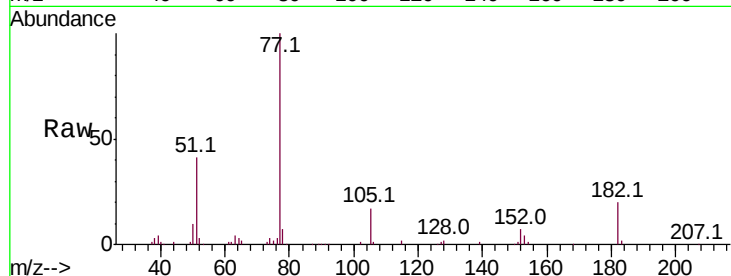
#63
Azobenzene
Concen: 8.147 ng
RT: 15.34 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.9	1.6	41.6	
105	17.5	0.0	37.8	
51	41.5	16.5	56.5	

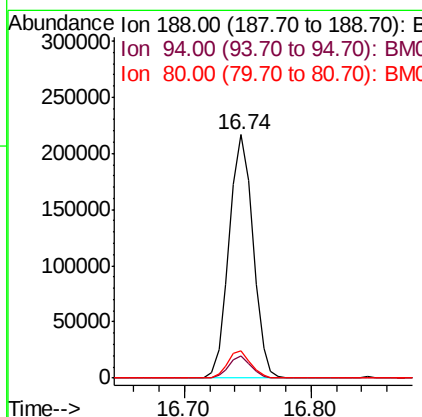
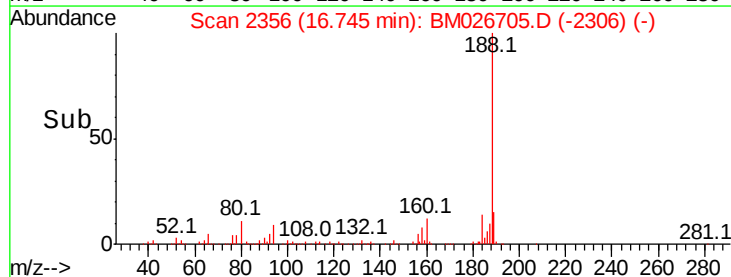
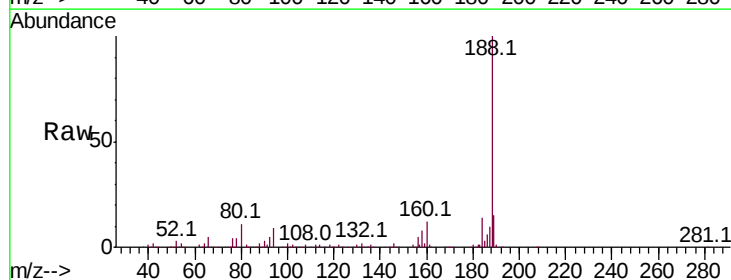
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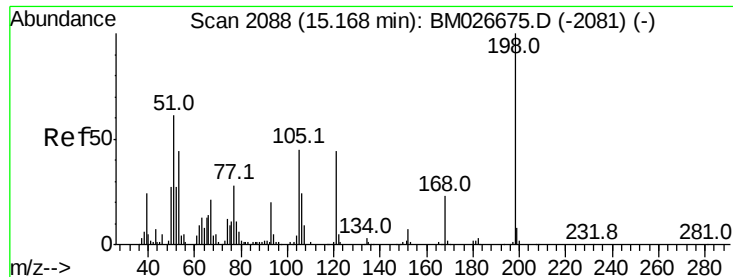
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.4	11.0	
80	11.1	9.3	13.9	





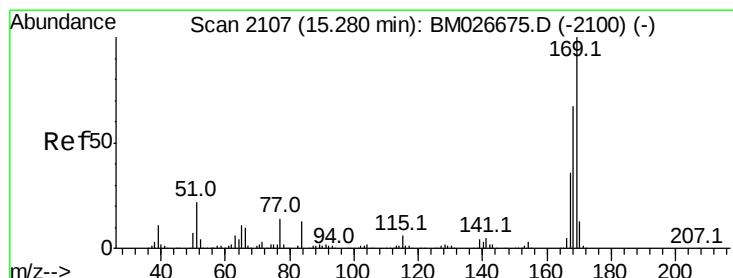
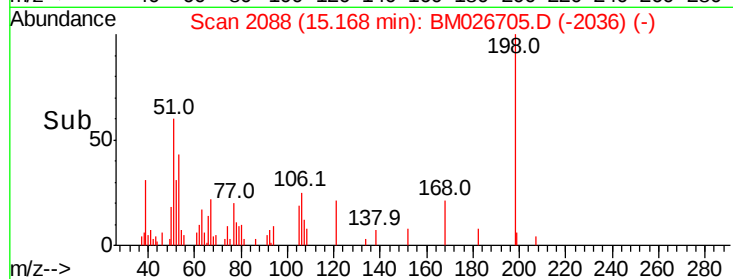
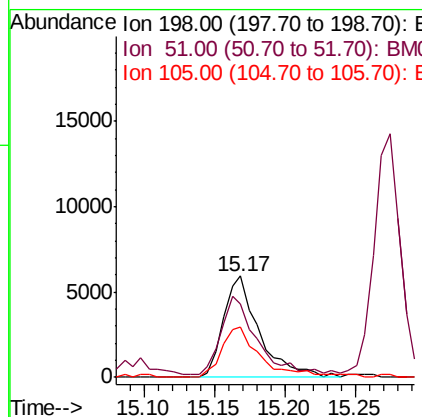
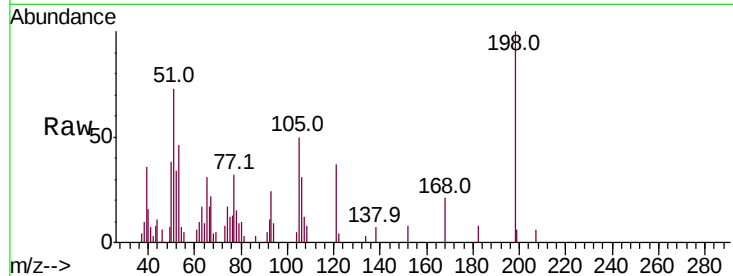
#65
4,6-Dinitro-2-methylphenol
Concen: 5.431 ng
RT: 15.17 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	198	Resp:	10451
Ion Ratio	Lower	Upper	
198	100		
51	72.5	42.0	82.0
105	49.7	24.9	64.9

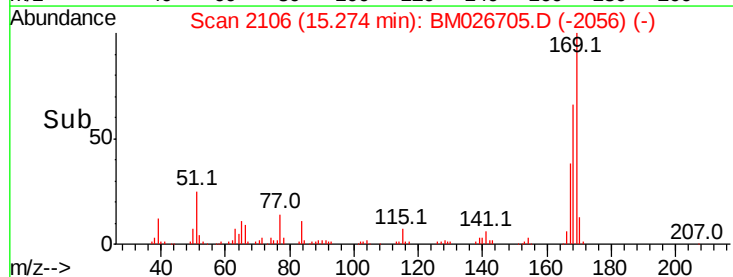
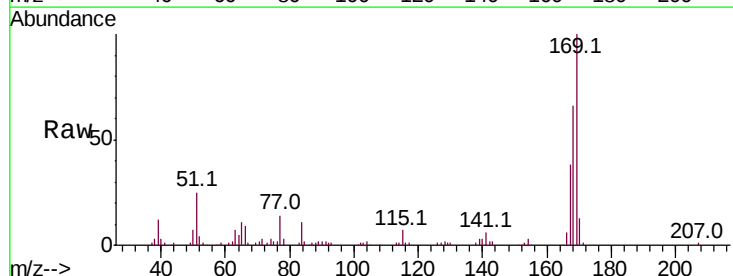
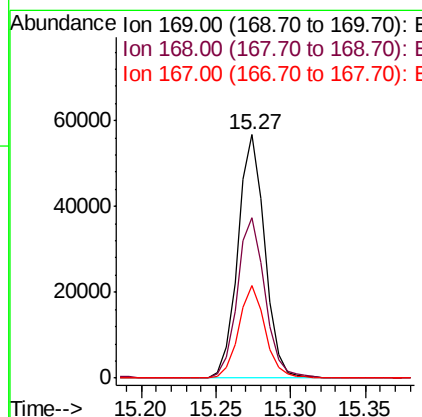
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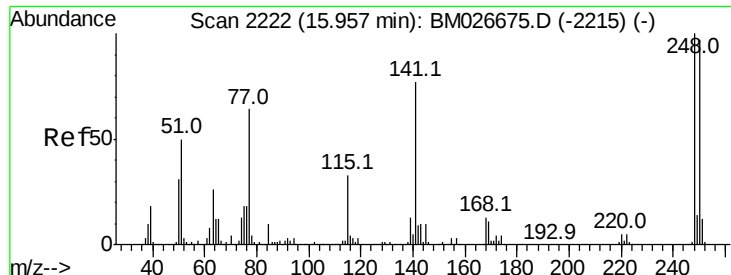
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 7.932 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion:	169	Resp:	71352
Ion Ratio	Lower	Upper	
169	100		
168	66.1	53.8	80.8
167	38.0	28.6	43.0





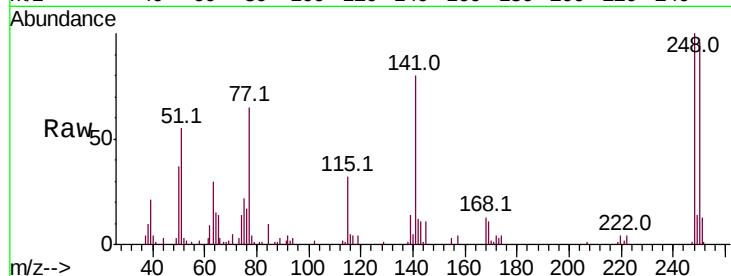
#67
 4-Bromophenyl-phenylether
 Concen: 7.623 ng
 RT: 15.95 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.4	116.2
141	80.5	61.9	92.9

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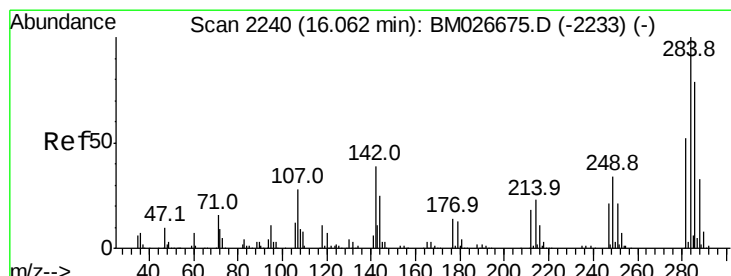
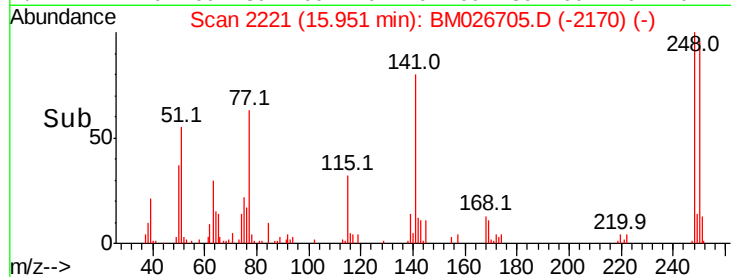
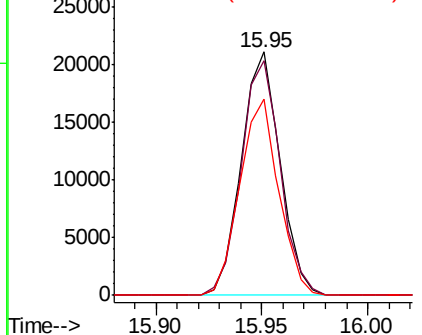


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 8.251 ng
 RT: 16.06 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

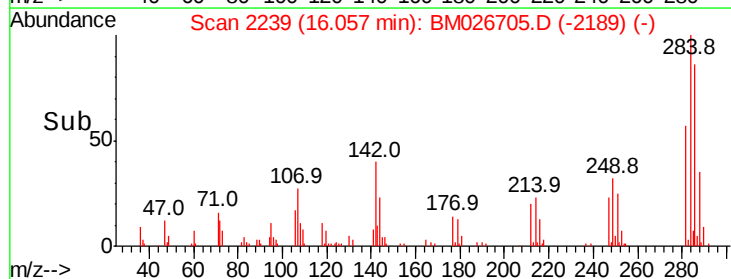
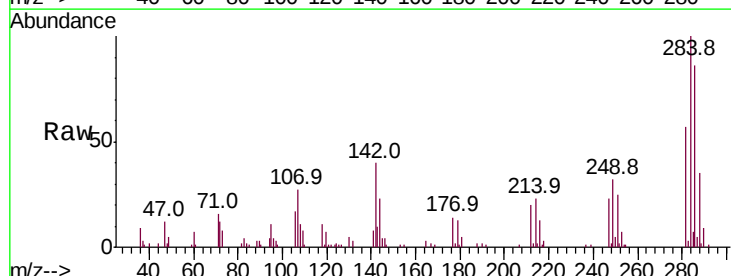
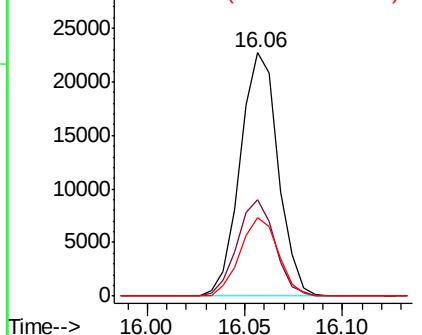
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.7	31.1	46.7
249	32.4	27.4	41.0

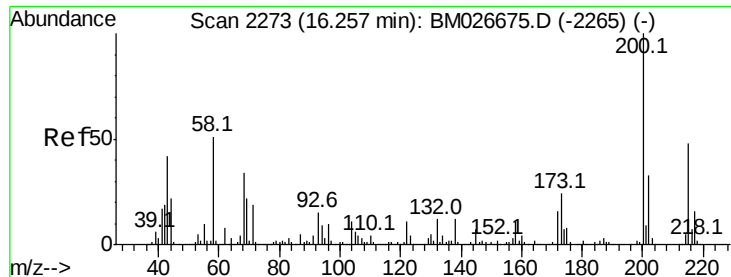
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





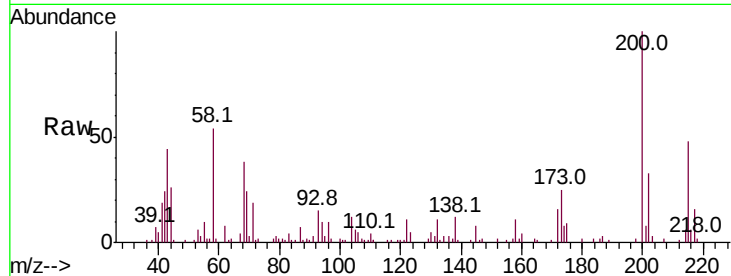
#69
Atrazine
Concen: 9.928 ng
RT: 16.24 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	4.5	44.5
215	48.4	28.4	68.4

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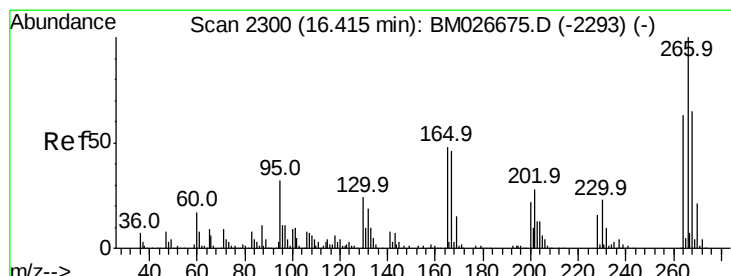
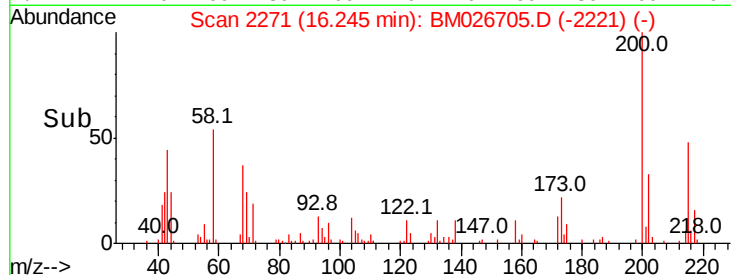
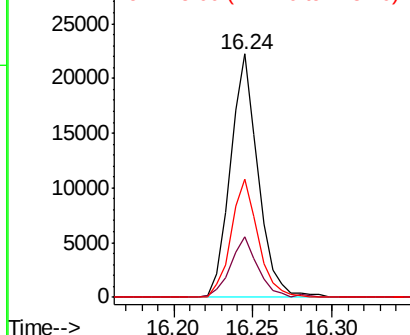


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 5.885 ng
RT: 16.42 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

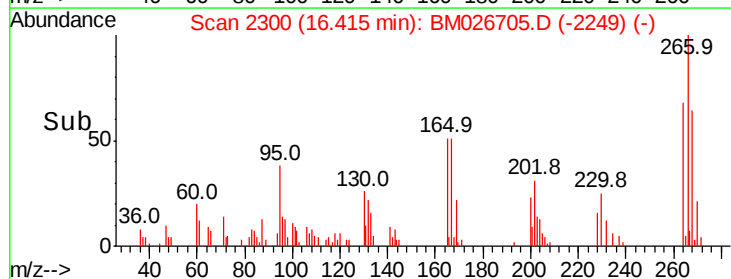
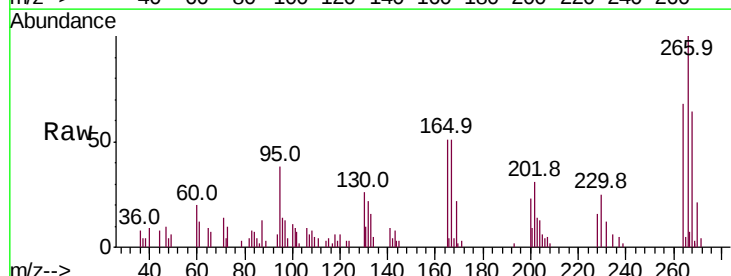
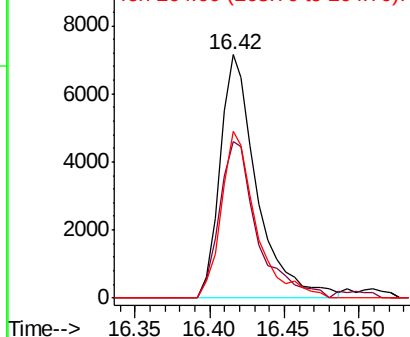
Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.4	51.8	77.6
264	68.3	50.1	75.1

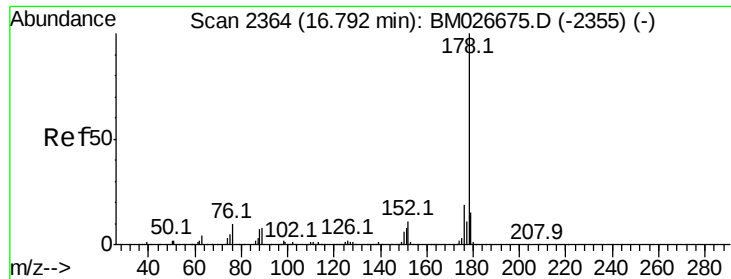
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 8.413 ng

RT: 16.79 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

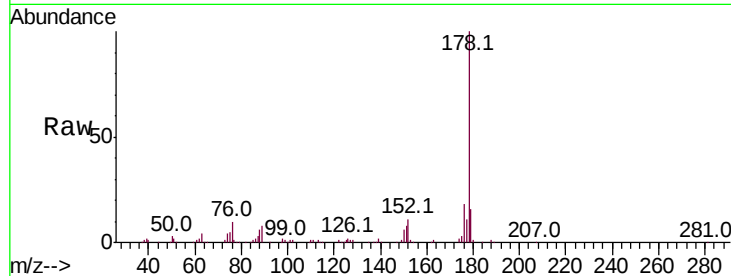
ClientSampleId :

LOQ-WATER-02-QT3-2020

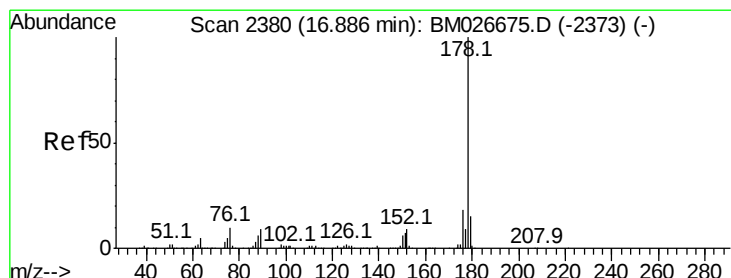
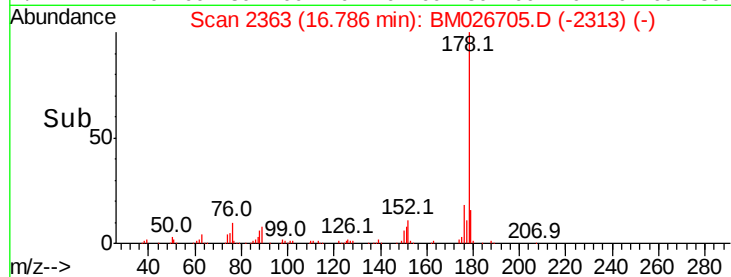
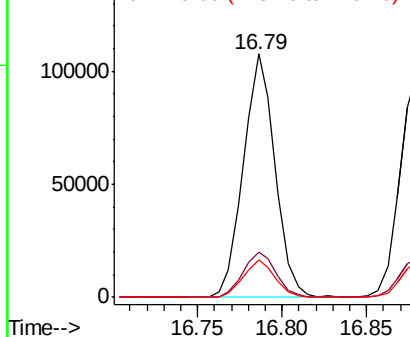
Tot Ion:178	Resp:	140590
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.0 22.6
179	15.6	12.1 18.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 8.274 ng

RT: 16.88 min Scan# 2379

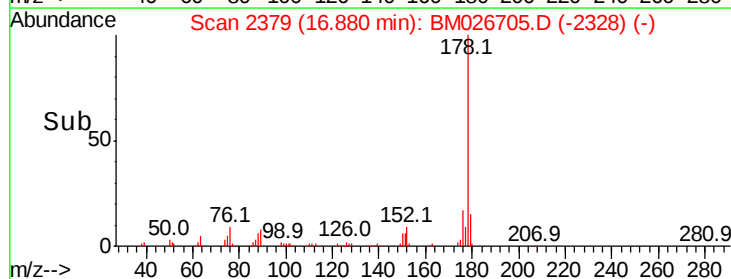
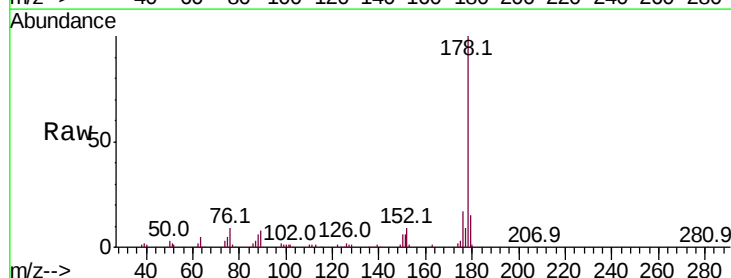
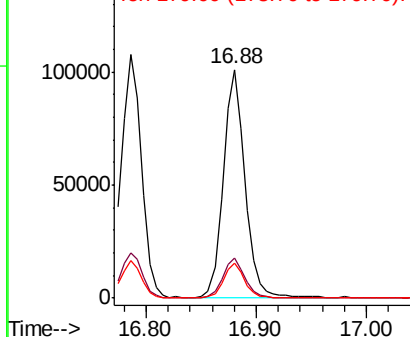
Delta R.T. -0.00 min

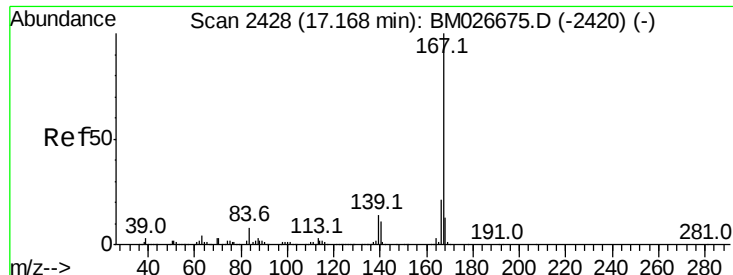
Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:178	Resp:	137640
Ion Ratio	Lower	Upper
178	100	
176	17.5	14.7 22.1
179	15.5	12.1 18.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





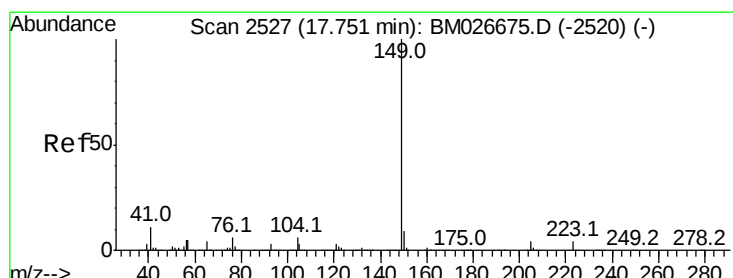
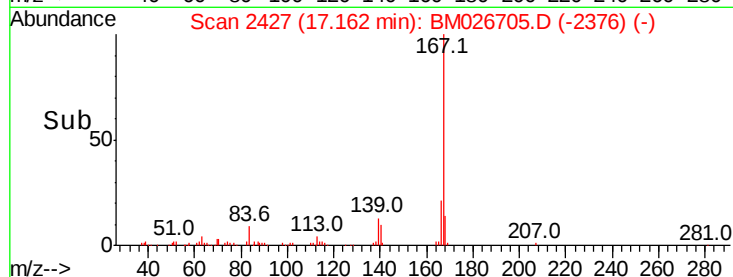
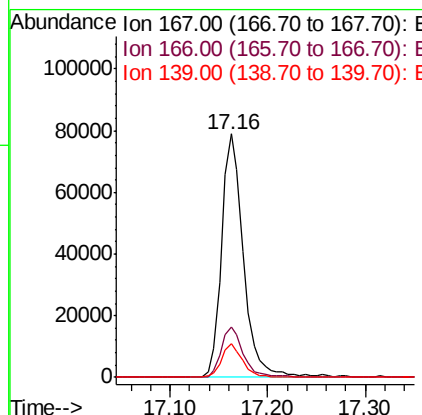
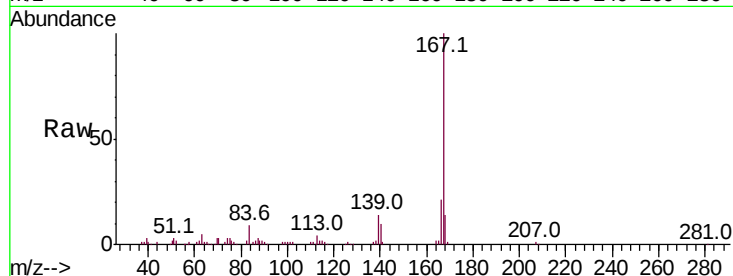
#73
 Carbazole
 Concen: 7.744 ng
 RT: 17.16 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
167	100	122823		
166	20.7		16.9	25.3
139	13.8		10.8	16.2

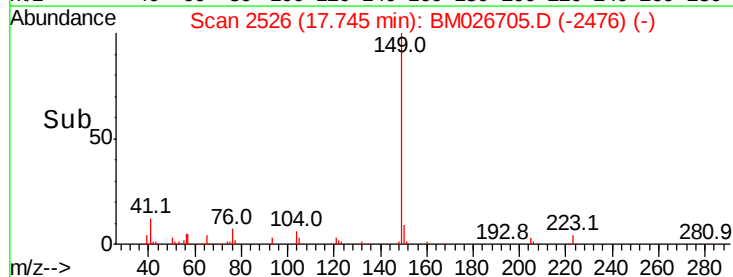
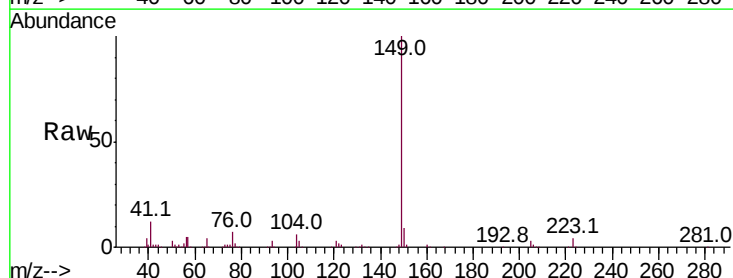
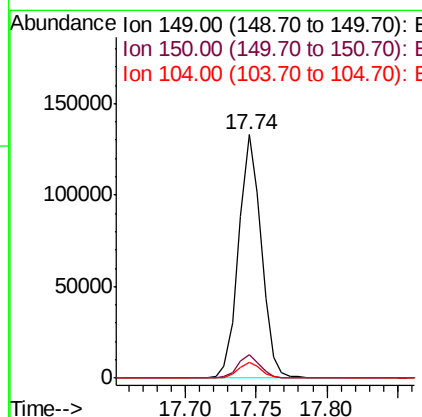
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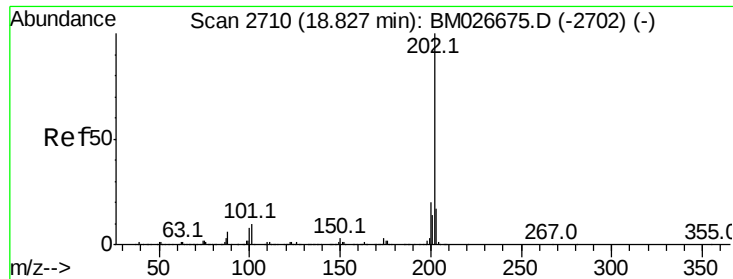
mohammad
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#74
 Di-n-butylphthalate
 Concen: 7.464 ng
 RT: 17.74 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	148841		
150	9.4		7.3	10.9
104	6.5		5.0	7.4





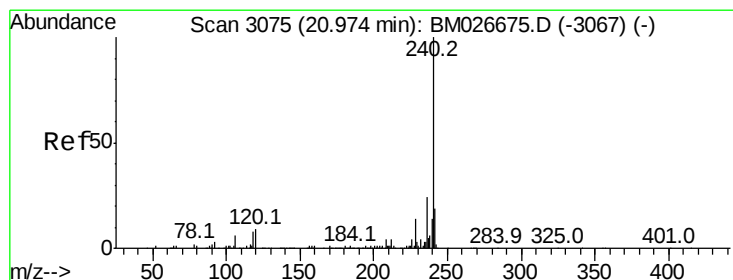
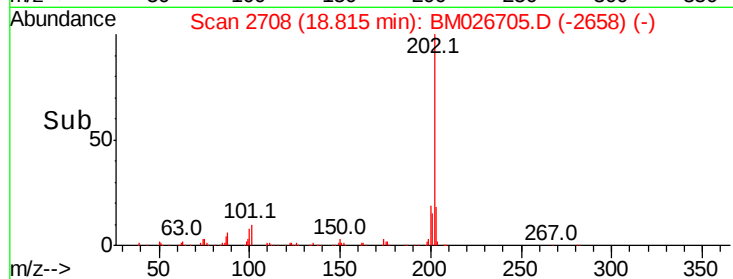
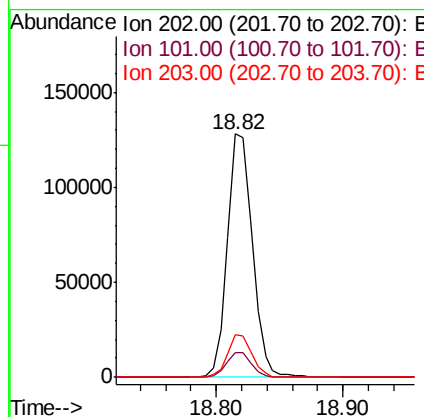
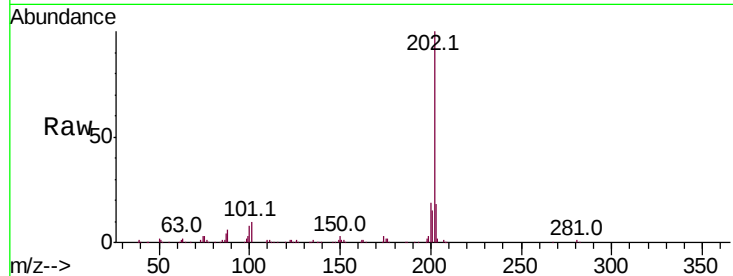
#75
 Fluoranthene
 Concen: 8.537 ng
 RT: 18.82 min Scan# 2708
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	30.1
203	17.6	0.0	37.2

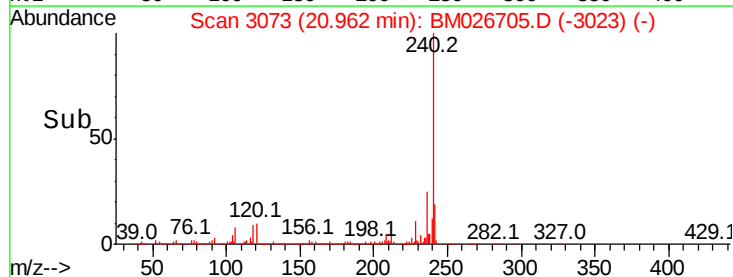
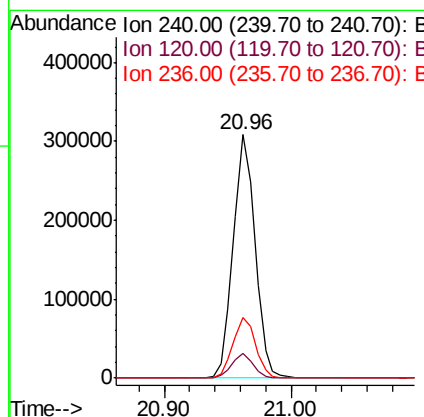
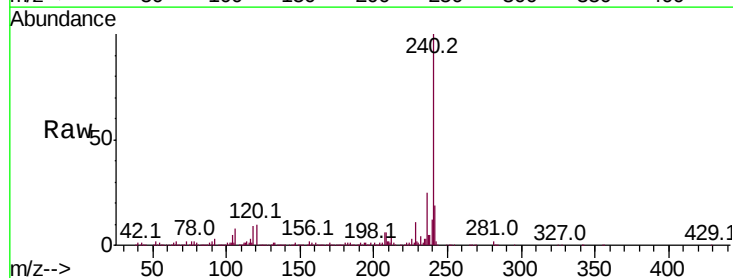
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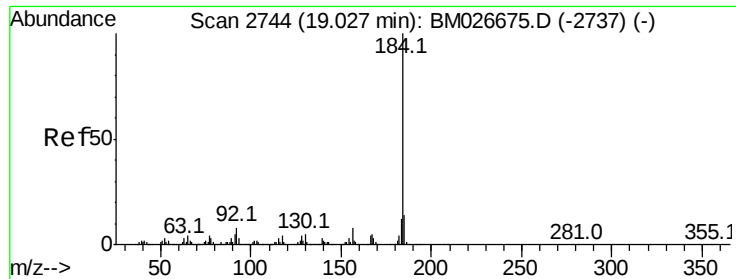
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.96 min Scan# 3073
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	7.3	10.9
236	24.9	19.4	29.2





#77

Benzidine

Concen: 9.184 ng

RT: 19.03 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

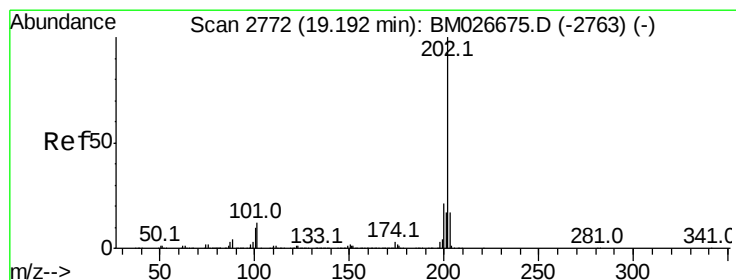
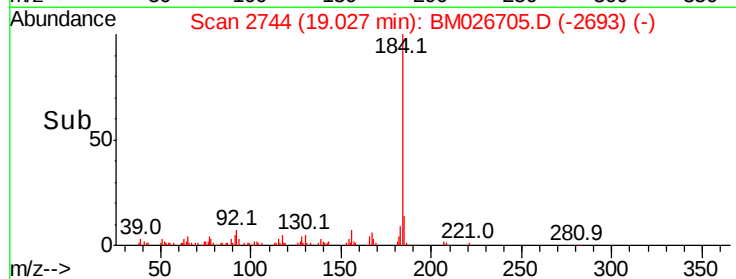
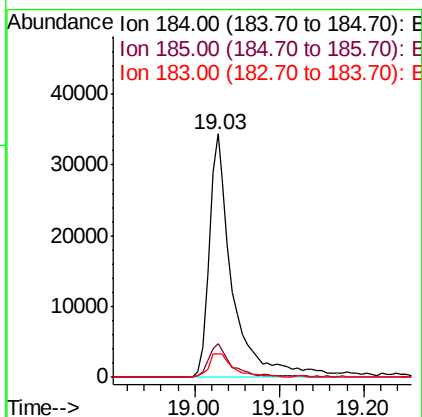
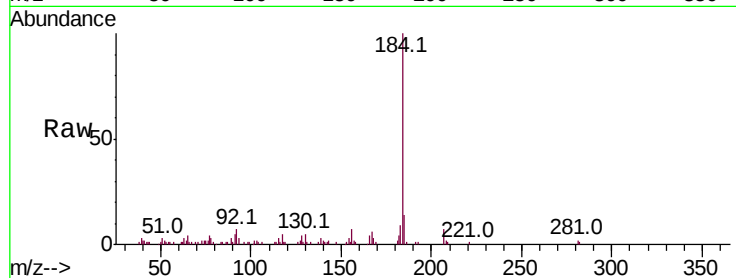
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	184	Resp:	66602
Ion Ratio	Lower	Upper	
184	100		
185	13.8	10.9	16.3
183	9.4	9.3	13.9

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#78

Pyrene

Concen: 8.114 ng

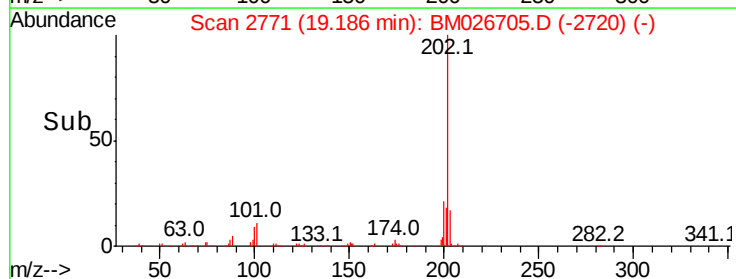
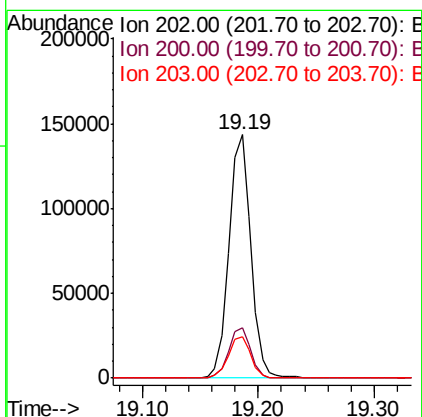
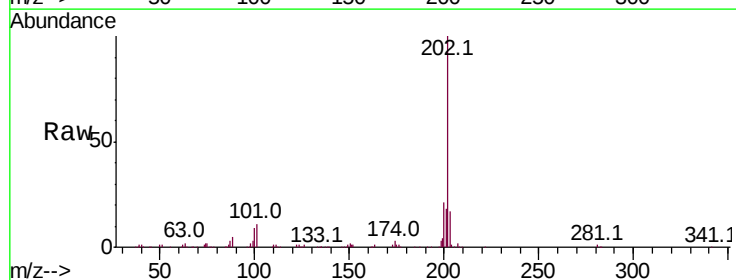
RT: 19.19 min Scan# 2771

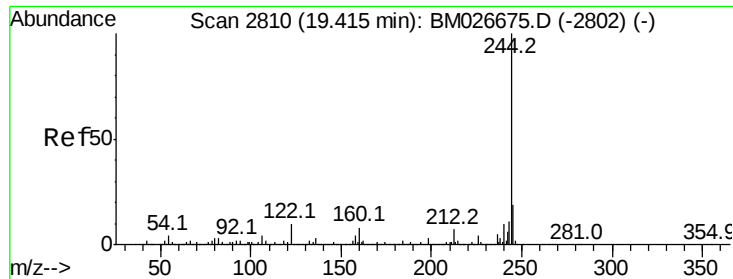
Delta R.T. -0.00 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	202	Resp:	188026
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	24.8
203	17.1	13.7	20.5





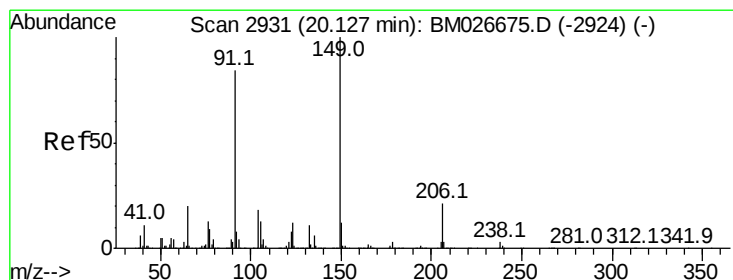
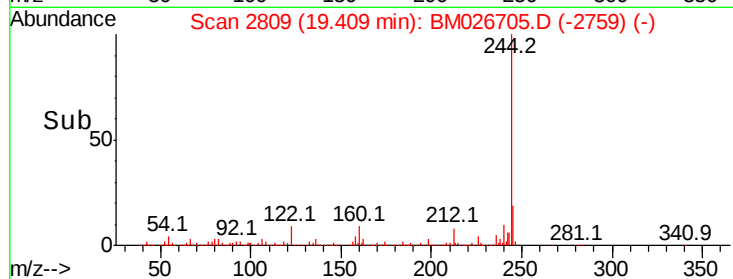
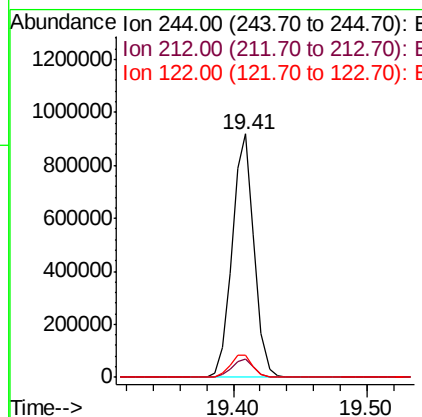
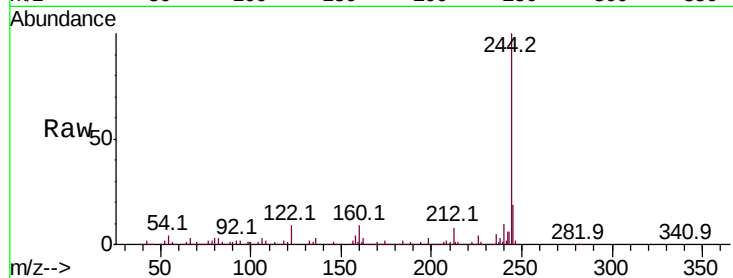
#79
 Terphenyl-d14
 Concen: 56.233 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.3	8.2	12.4

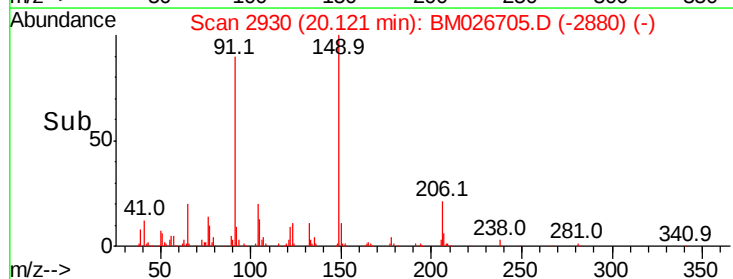
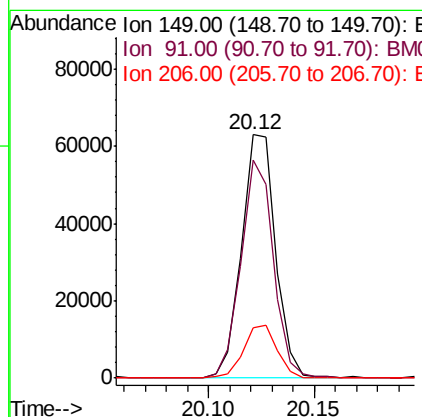
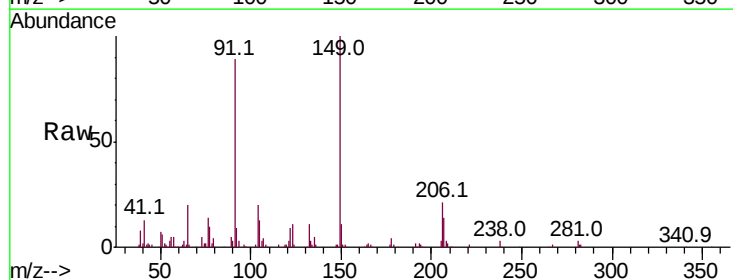
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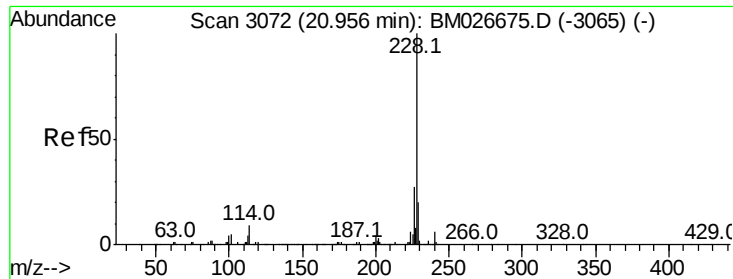
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#80
 Butylbenzylphthalate
 Concen: 6.762 ng
 RT: 20.12 min Scan# 2930
 Delta R.T. -0.01 min
 Lab File: BM026705.D
 Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	89.3	67.6	101.4
206	20.5	16.7	25.1





#81

Benzo(a)anthracene

Concen: 8.659 ng

RT: 20.94 min Scan# 3070

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

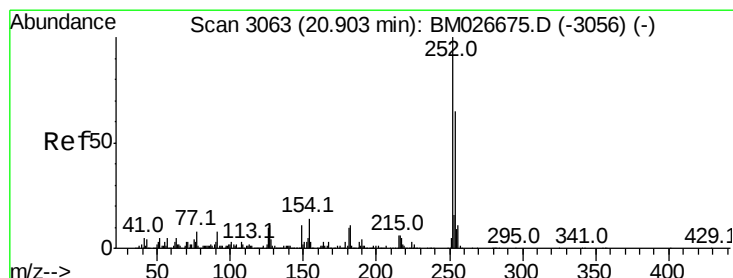
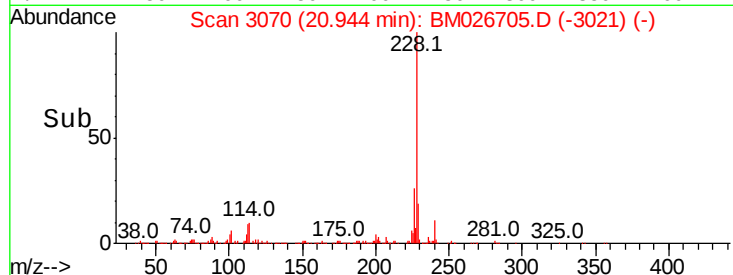
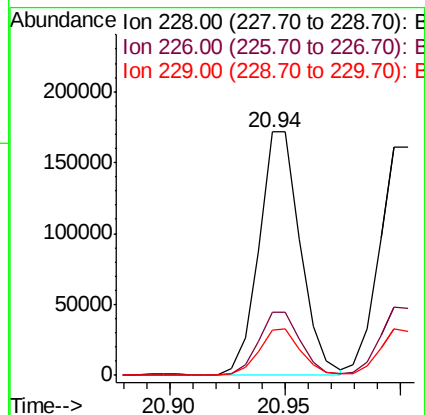
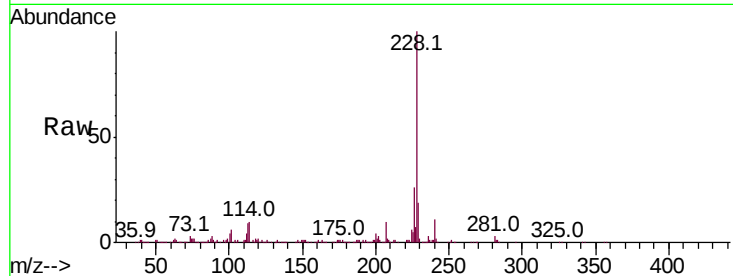
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	228	Resp:	213951
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.4	32.2
229	18.8	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 9.043 ng

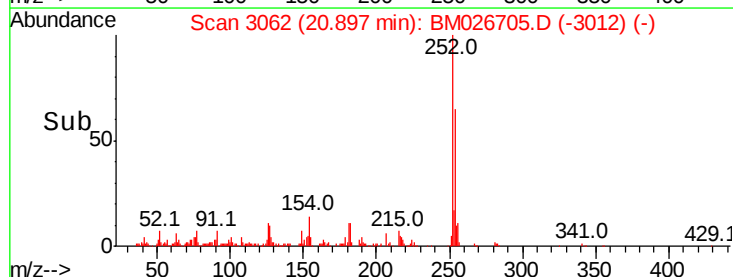
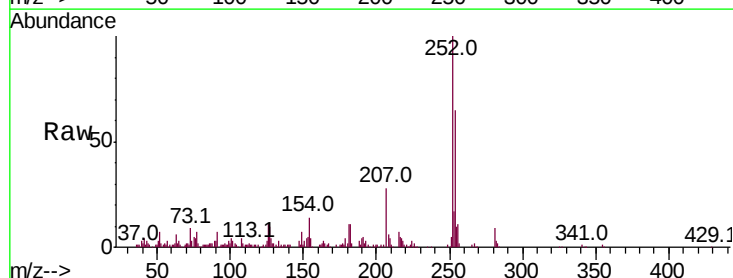
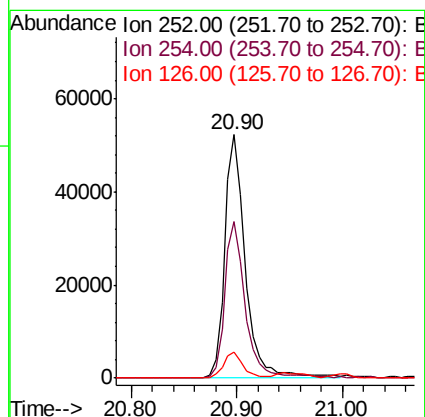
RT: 20.90 min Scan# 3062

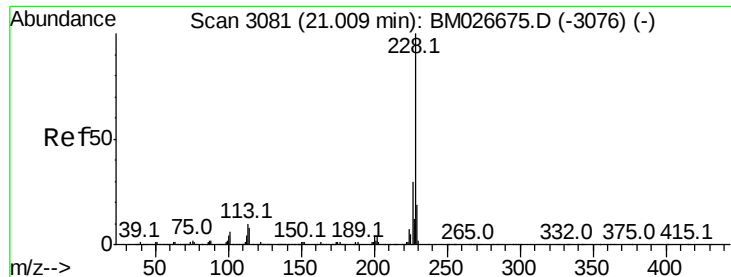
Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	252	Resp:	70923
Ion Ratio	Lower	Upper	
252	100		
254	64.5	51.9	77.9
126	10.9	8.2	12.2





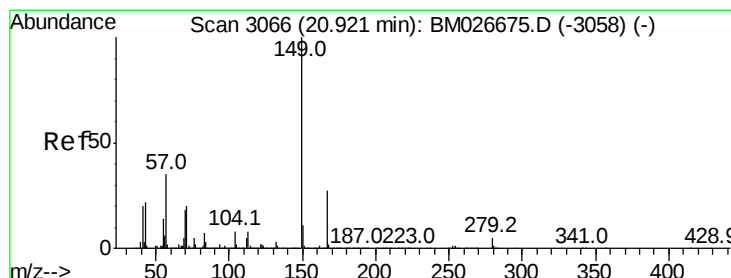
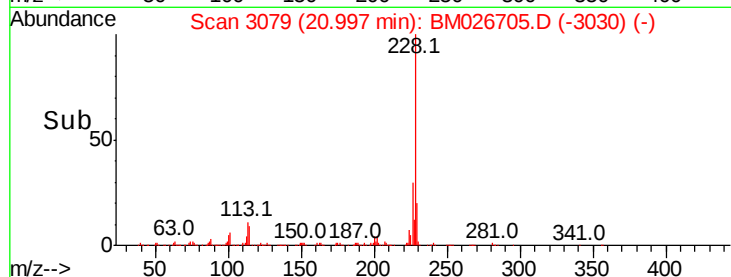
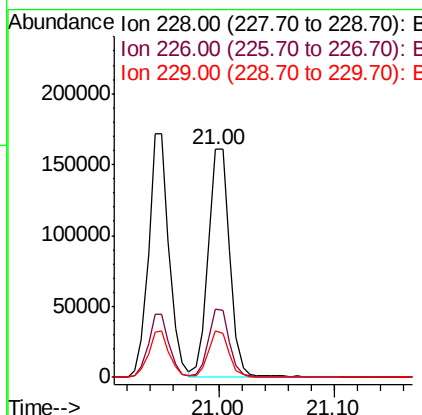
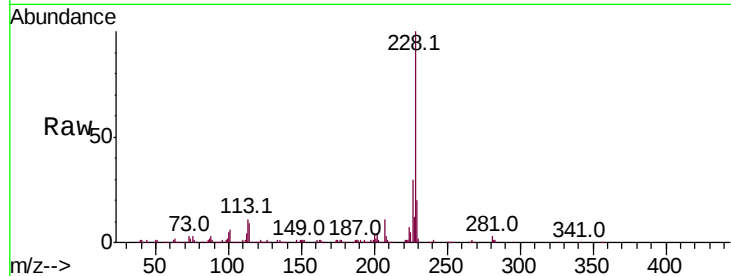
#83
Chrysene
Concen: 8.684 ng
RT: 21.00 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	228	Resp:	208840
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.7	35.5
229	20.2	15.4	23.0

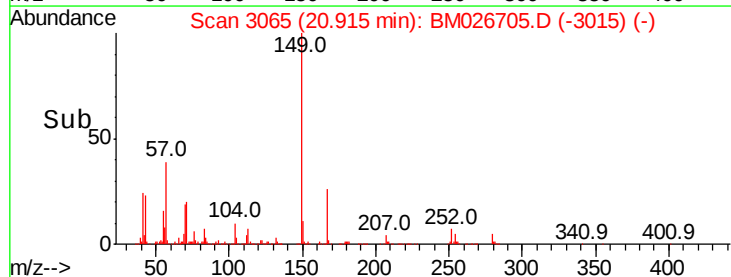
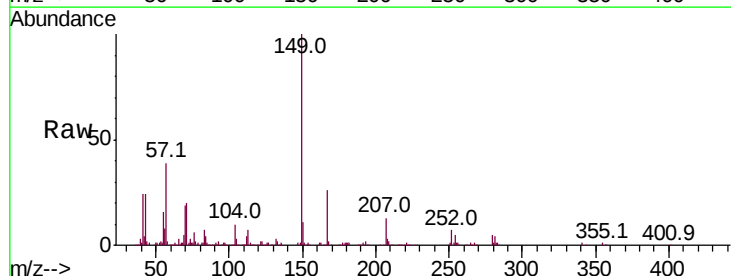
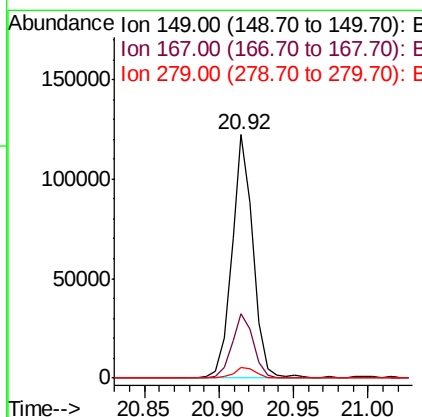
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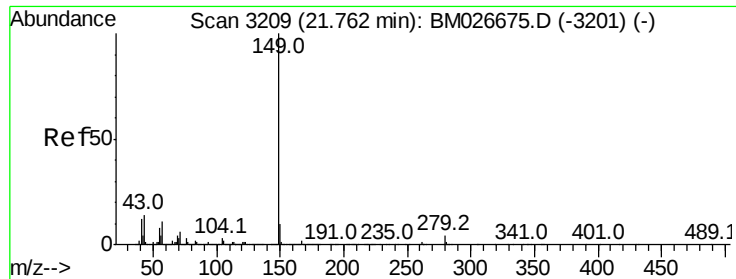
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.218 ng
RT: 20.92 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion:	149	Resp:	120253
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.9	32.9
279	4.6	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 7.321 ng

RT: 21.76 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

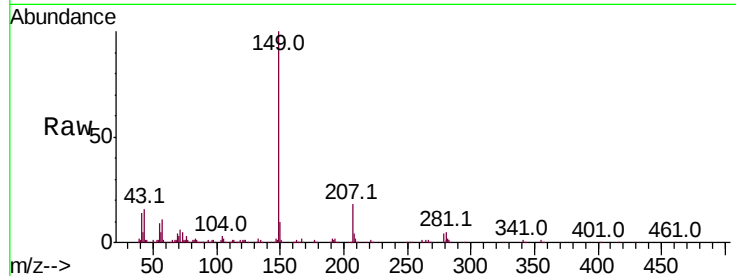
ClientSampleId :

LOQ-WATER-02-QT3-2020

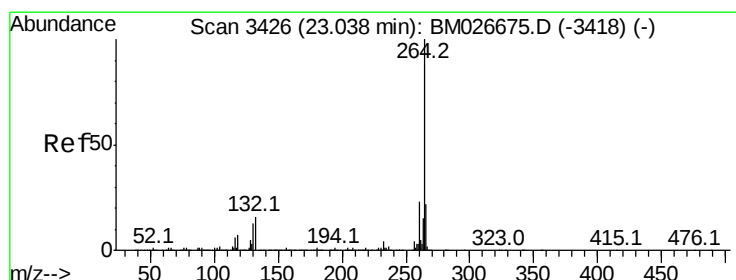
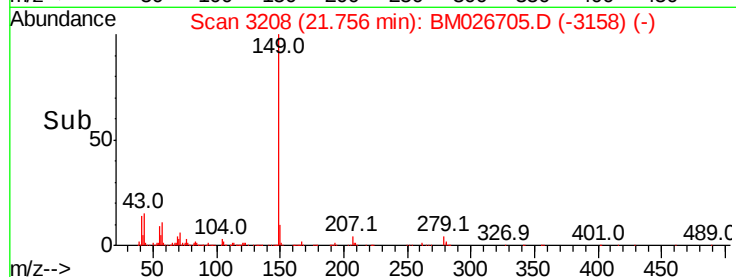
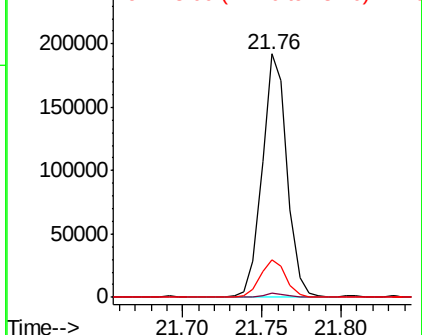
Tot Ion:	149	Resp:	208455
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	16.2	11.2	16.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

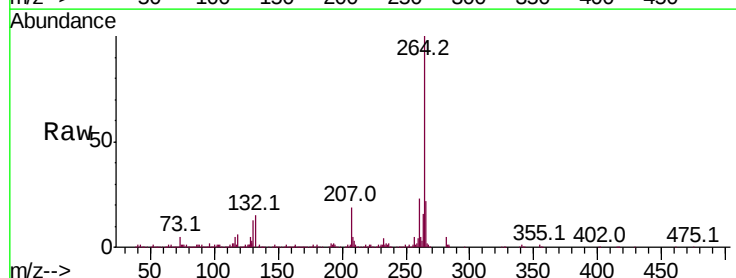
RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

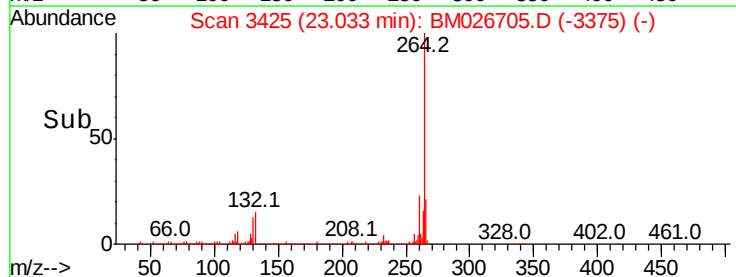
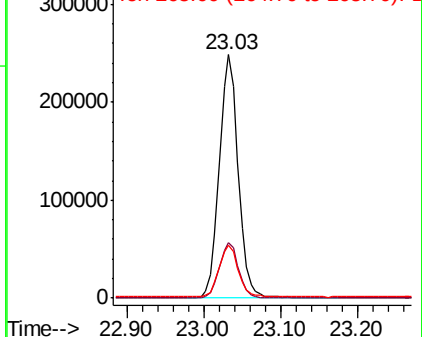
Lab File: BM026705.D

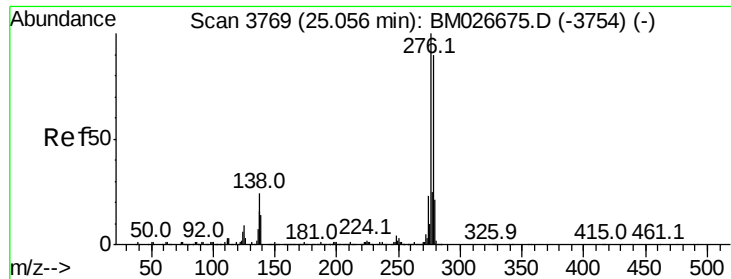
Acq: 08 Jul 2020 15:22

Tgt Ion:	264	Resp:	422611
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.2
265	21.8	17.6	26.4



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





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.814 ng

RT: 25.03 min Scan# 3765

Delta R.T. -0.02 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

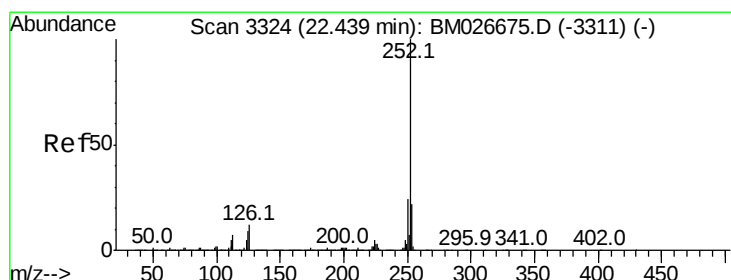
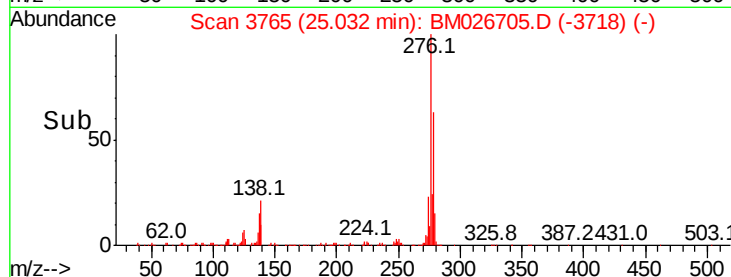
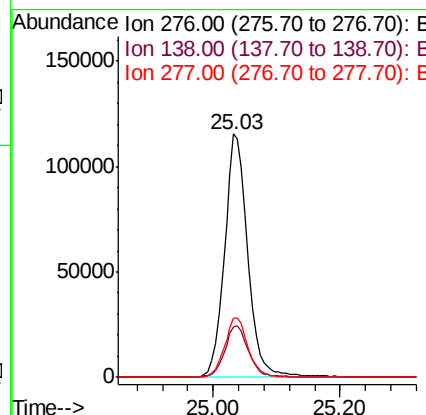
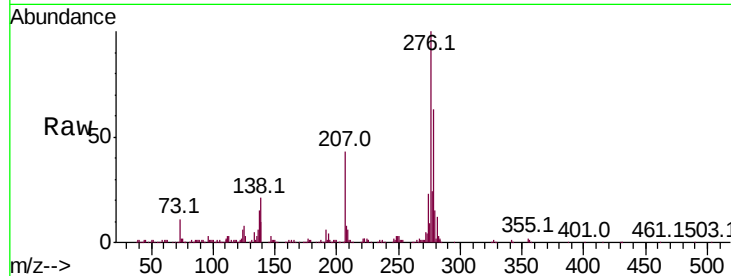
Instrument :
BNA_M

ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.4	27.6
277	24.7	20.0	30.0

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#88

Benzo(b)fluoranthene

Concen: 8.368 ng

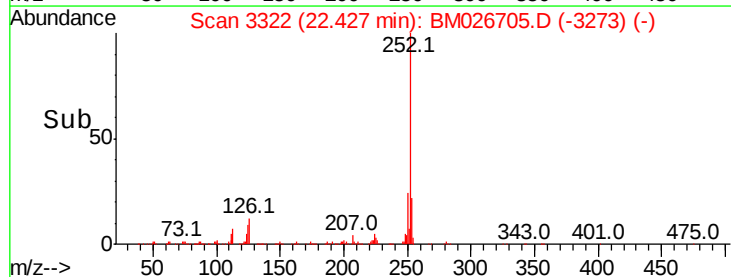
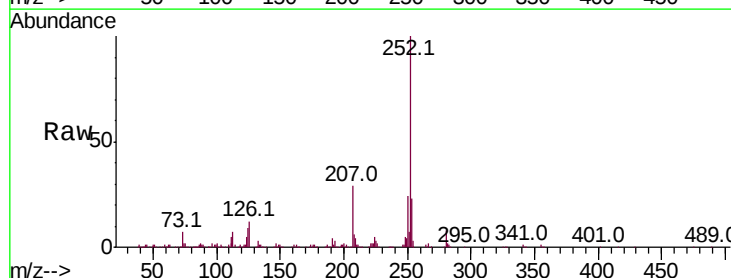
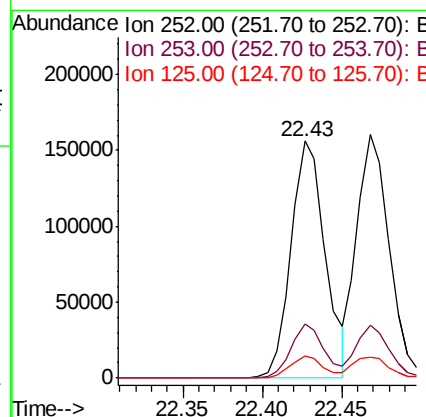
RT: 22.43 min Scan# 3322

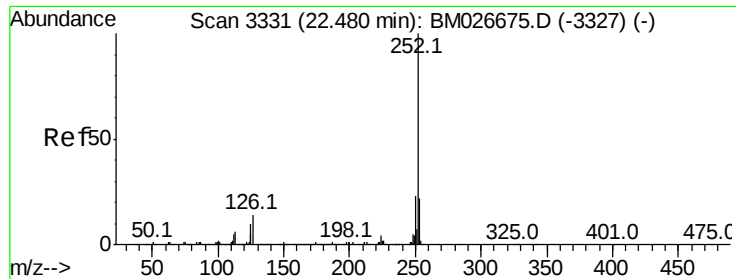
Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.3	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 8.362 ng

RT: 22.47 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Instrument :

BNA_M

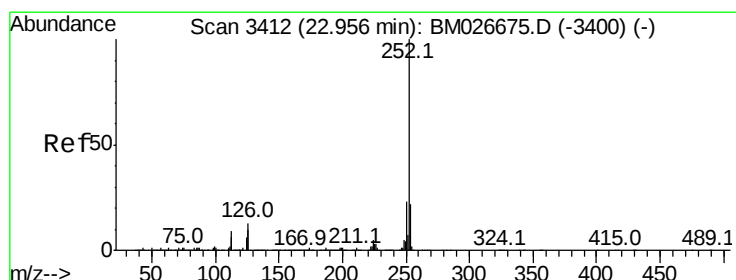
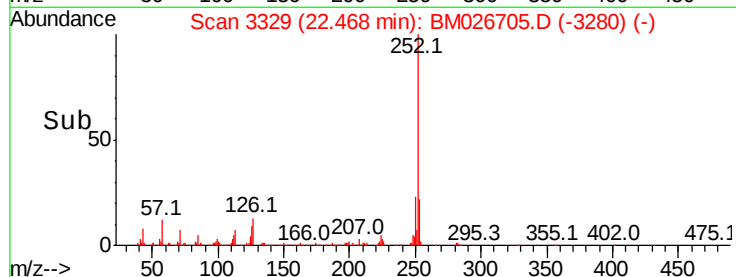
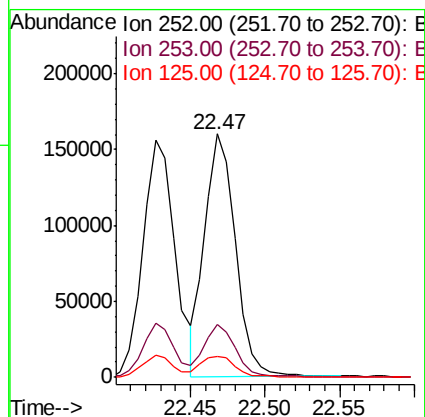
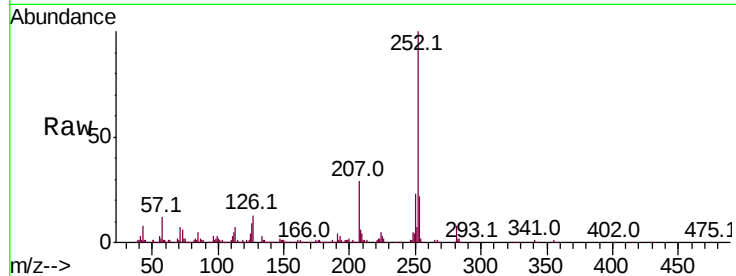
ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	252	Resp:	228403
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	8.7	7.8	11.8

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#90

Benzo(a)pyrene

Concen: 8.102 ng

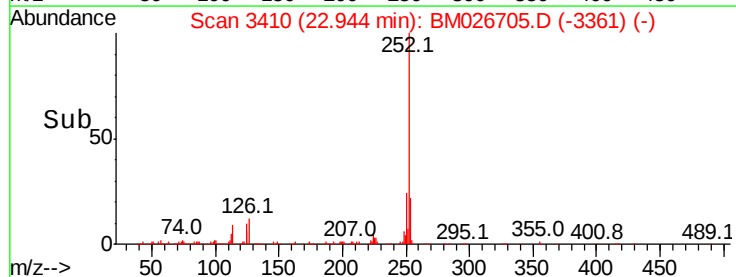
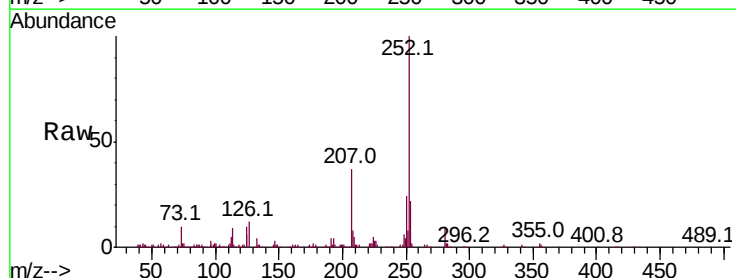
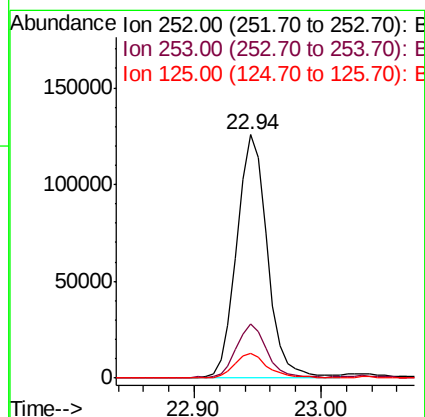
RT: 22.94 min Scan# 3410

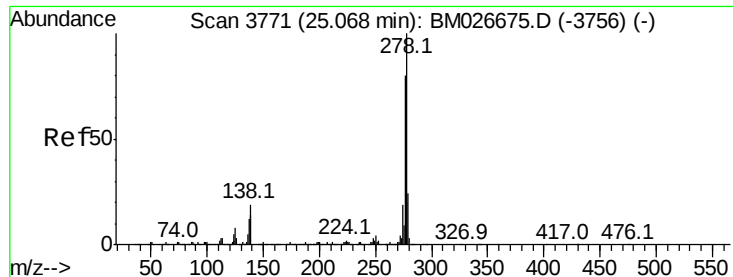
Delta R.T. -0.01 min

Lab File: BM026705.D

Acq: 08 Jul 2020 15:22

Tgt Ion:	252	Resp:	209436
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	10.2	8.2	12.4





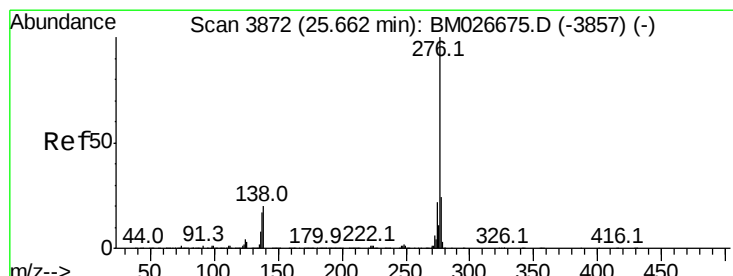
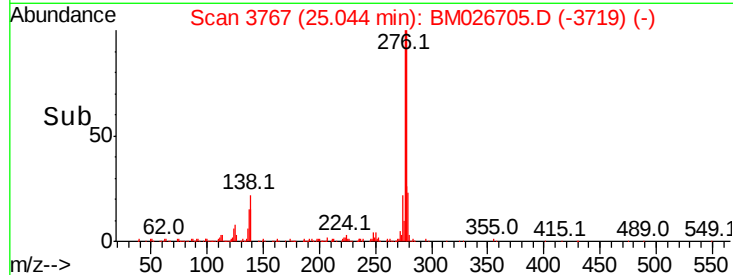
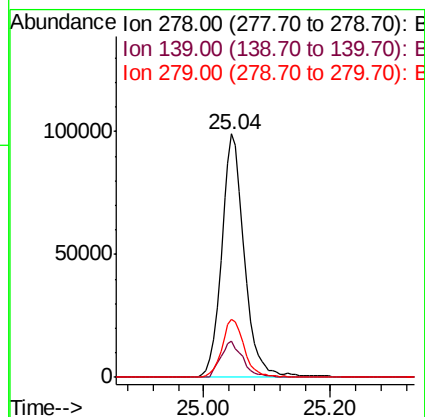
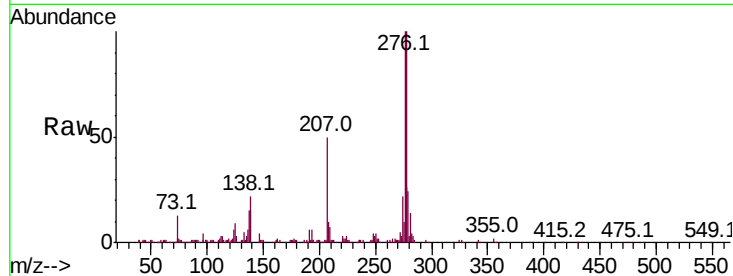
#91
Dibenzo(a,h)anthracene
Concen: 9.788 ng
RT: 25.04 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:278	Resp:	248593
Ion Ratio	Lower	Upper
278 100		
139 14.8	11.2	16.8
279 23.7	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/9/2020 10:59:52 AM



#92
Benzo(g,h,i)perylene
Concen: 10.619 ng
RT: 25.64 min Scan# 3869
Delta R.T. -0.02 min
Lab File: BM026705.D
Acq: 08 Jul 2020 15:22

Tgt Ion:276	Resp:	248502
Ion Ratio	Lower	Upper
276 100		
277 23.0	19.1	28.7
138 19.2	15.8	23.8

