

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062219\
 Data File : BM021092.D
 Acq On : 22 Jun 2019 09:34
 Operator : HP/JU
 Sample : K2241-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Manual Integrations
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 6/26/2019 1:57:30 PM

Quant Time: Jun 24 05:50:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	248469	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1042766	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	708044	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1697071	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1466771	20.00	ng	0.00
87) Perylene-d12	23.61	264	1446723	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1670385	121.73	ng	0.00
7) Phenol-d6	6.95	99	2315910	115.89	ng	0.00
23) Nitrobenzene-d5	8.94	82	1621142	81.02	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1803384	135.73	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	5124545	88.95	ng	0.00
79) Terphenyl-d14	19.79	244	8382736	106.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	43869	8.486	ng	98
3) Pyridine	3.73	79	102356	6.885	ng	98
4) n-Nitrosodimethylamine	3.64	42	39608	6.919	ng	# 93
6) Aniline	7.12	93	182986	6.875	ng	98
8) 2-Chlorophenol	7.34	128	127065	7.524	ng	97
9) Benzaldehyde	6.93	77	118535	7.083	ng	99
10) Phenol	6.97	94	146836	7.193	ng	96
11) bis(2-Chloroethyl)ether	7.21	93	117559	7.273	ng	99
12) 1,3-Dichlorobenzene	7.66	146	148949	7.280	ng	96
13) 1,4-Dichlorobenzene	7.81	146	150418	7.231	ng	99
14) 1,2-Dichlorobenzene	8.12	146	148542	7.286	ng	99
15) Benzyl Alcohol	8.02	79	115375	7.131	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	153629	7.349	ng	98
17) 2-Methylphenol	8.22	107	102774	7.048	ng	98
18) Hexachloroethane	8.85	117	52413	7.018	ng	98
19) n-Nitroso-di-n-propylamine	8.58	70	108049	7.430	ng	98
20) 3+4-Methylphenols	8.55	107	142488	7.099	ng	98
22) Acetophenone	8.60	105	217476	8.184	ng	# 98
24) Nitrobenzene	8.98	77	159815	8.063	ng	99
25) Isophorone	9.50	82	292861	7.823	ng	99
26) 2-Nitrophenol	9.69	139	66856	6.889	ng	95
27) 2,4-Dimethylphenol	9.74	122	116500	8.230	ng	98
28) bis(2-Chloroethoxy)methane	9.98	93	178381	7.668	ng	99
29) 2,4-Dichlorophenol	10.22	162	131013	7.152	ng	96
30) 1,2,4-Trichlorobenzene	10.43	180	162359	7.518	ng	97
31) Naphthalene	10.62	128	436425	7.909	ng	99
32) Benzoic acid	9.83	122	67361m	5.883	ng	
33) 4-Chloroaniline	10.73	127	179726	7.174	ng	99
34) Hexachlorobutadiene	10.89	225	99038	7.263	ng	99
35) Caprolactam	11.53	113	39151	6.833	ng	96
36) 4-Chloro-3-methylphenol	11.85	107	141657	7.599	ng	99
37) 2-Methylnaphthalene	12.23	142	345546	8.138	ng	99
38) 1-Methylnaphthalene	12.45	142	329823	8.144	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	210263	7.846	ng	99

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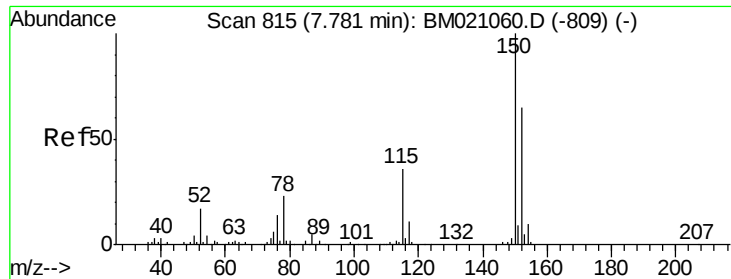
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	92684	5.966	ng	99
43) 2,4,6-Trichlorophenol	12.84	196	119956	6.764	ng	100
44) 2,4,5-Trichlorophenol	12.91	196	128137	6.978	ng	98
46) 1,1'-Biphenyl	13.25	154	508767	8.395	ng	99
47) 2-Chloronaphthalene	13.29	162	370051	7.518	ng	99
48) 2-Nitroaniline	13.50	65	85732	6.367	ng	98
49) Acenaphthylene	14.14	152	580926	7.756	ng	99
50) Dimethylphthalate	13.87	163	488533	7.760	ng	99
51) 2,6-Dinitrotoluene	14.00	165	100501	7.421	ng	95
52) Acenaphthene	14.48	154	349407	7.732	ng	99
53) 3-Nitroaniline	14.33	138	89191	6.460	ng	99
54) 2,4-Dinitrophenol	14.54	184	30677	4.217	ng	96
55) Dibenzofuran	14.82	168	590093	8.004	ng	98
56) 4-Nitrophenol	14.64	139	61267	5.803	ng	93
57) 2,4-Dinitrotoluene	14.79	165	129844	6.943	ng	97
58) Fluorene	15.46	166	469847	7.800	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	131833	7.513	ng	97
60) Diethylphthalate	15.24	149	480275	7.746	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	261627	7.688	ng	96
62) 4-Nitroaniline	15.50	138	90485	6.244	ng	91
63) Azobenzene	15.76	77	397206	7.810	ng	100
65) 4,6-Dinitro-2-methylphenol	15.55	198	50548	4.831	ng	98
66) n-Nitrosodiphenylamine	15.68	169	414647	7.752	ng	100
67) 4-Bromophenyl-phenylether	16.36	248	164085	7.263	ng	98
68) Hexachlorobenzene	16.46	284	196356	7.275	ng	99
69) Atrazine	16.63	200	137163	7.885	ng	99
70) Pentachlorophenol	16.81	266	87922	6.046	ng	99
71) Phenanthrene	17.20	178	775673	7.931	ng	99
72) Anthracene	17.30	178	763648	7.882	ng	99
73) Carbazole	17.57	167	651144	7.601	ng	99
74) Di-n-butylphthalate	18.13	149	739493	7.052	ng	99
75) Fluoranthene	19.22	202	867077	7.677	ng	99
77) Benzidine	19.42	184	252771	5.935	ng	99
78) Pyrene	19.59	202	881283	8.285	ng	99
80) Butylbenzylphthalate	20.49	149	286806	6.764	ng	98
81) Benzo(a)anthracene	21.33	228	764648	7.647	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	258556	6.827	ng	96
83) Chrysene	21.38	228	755986	7.937	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	397163	6.581	ng	100
85) Di-n-octyl phthalate	22.14	149	633733	6.678	ng	100
86) Indeno(1,2,3-cd)pyrene	25.91	276	770267	7.308	ng	99
88) Benzo(b)fluoranthene	22.93	252	716214	7.338	ng	99
89) Benzo(k)fluoranthene	22.97	252	735145	7.792	ng	99
90) Benzo(a)pyrene	23.51	252	678682	7.706	ng	99
91) Dibenzo(a,h)anthracene	25.92	278	644580	7.341	ng	99
92) Benzo(g,h,i)perylene	26.61	276	637758	7.789	ng	100

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



#1

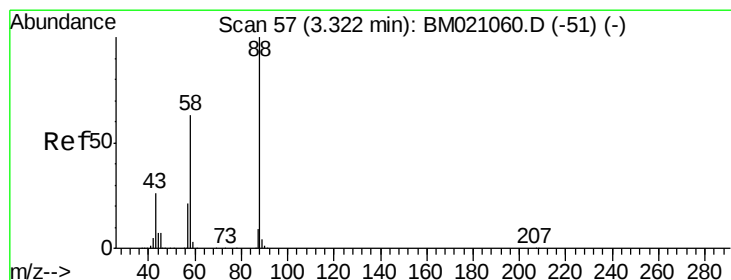
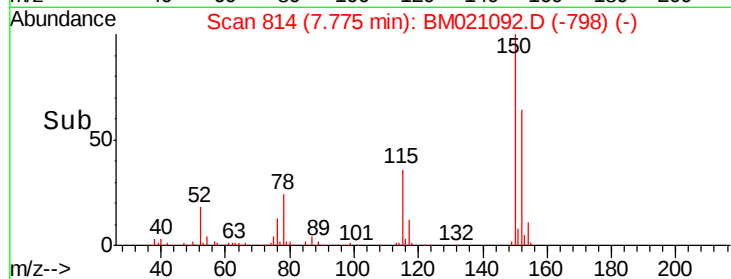
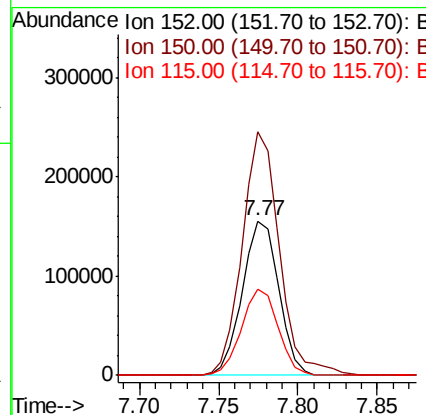
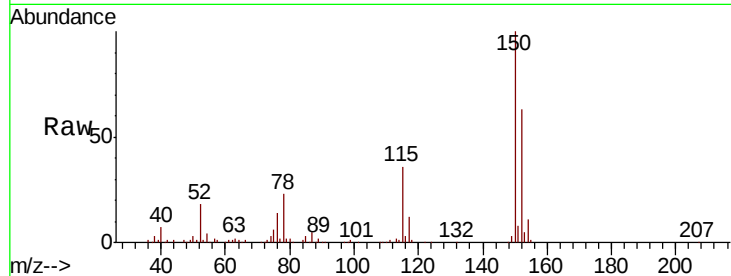
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Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.1	184.7
115	56.2	44.2	66.4

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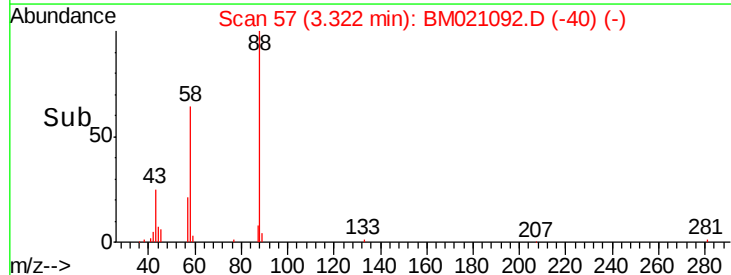
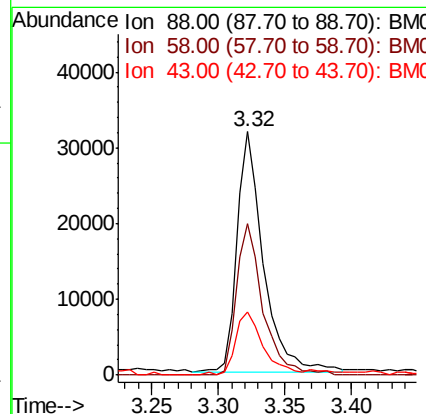
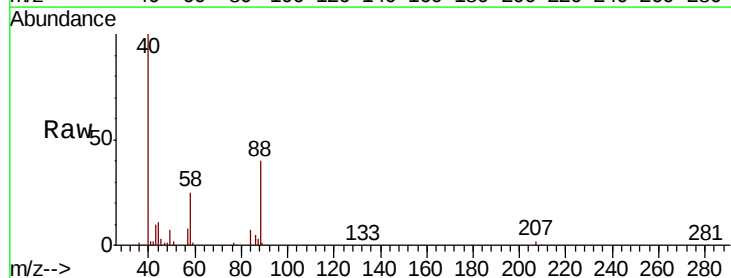
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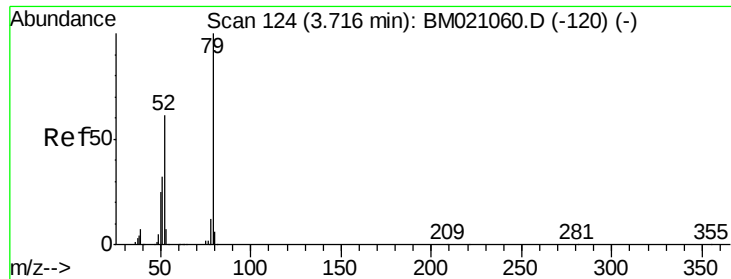


#2

1,4-Dioxane
Concen: 8.486 ng
RT: 3.32 min Scan# 57
Delta R.T. -0.00 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	51.9	77.9
43	27.7	21.4	32.2





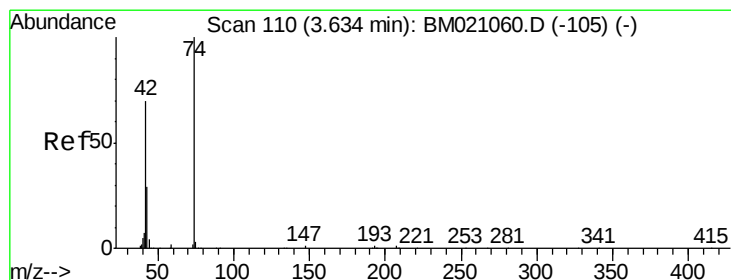
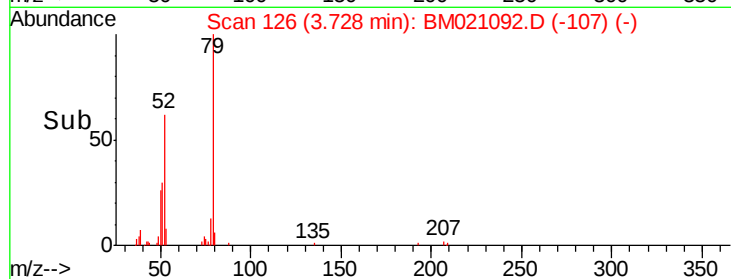
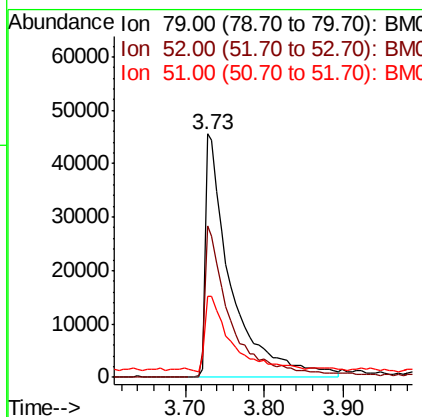
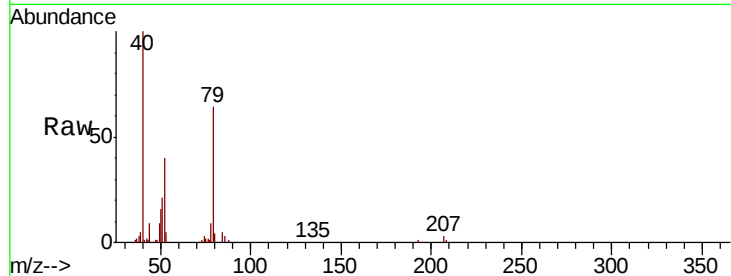
#3
 Pvridine
 Concen: 6.885 ng
 RT: 3.73 min Scan# 126
 Delta R.T. 0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.3	48.8	73.2
51	33.4	25.7	38.5

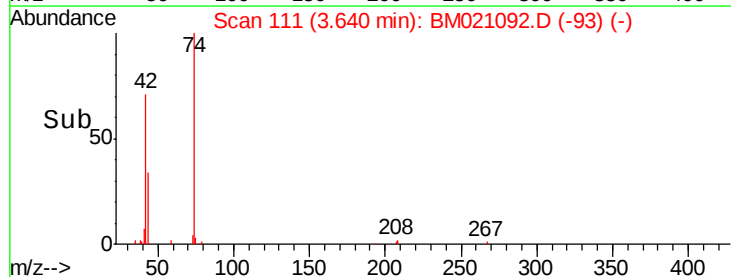
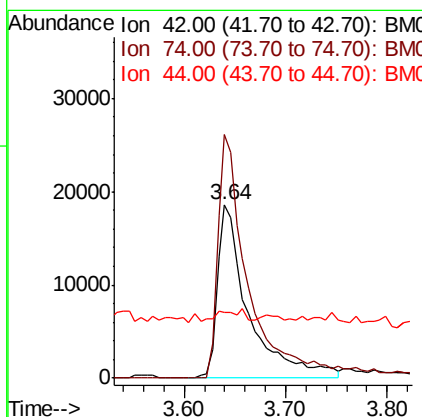
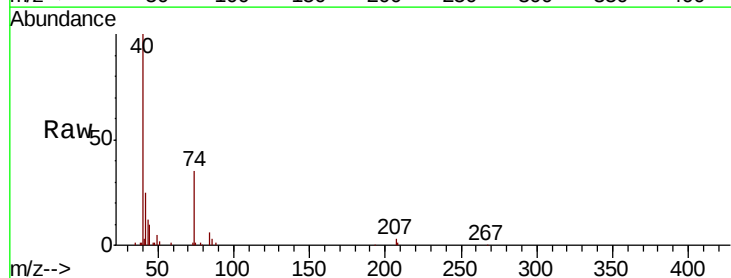
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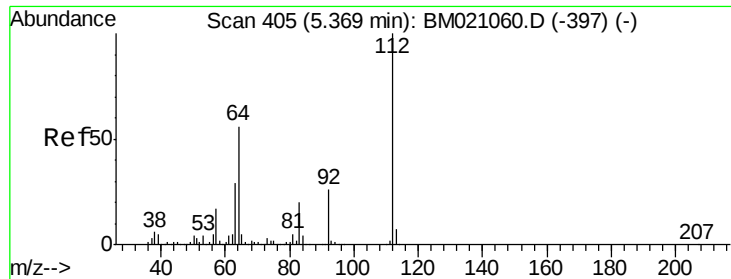
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#4
 n-Nitrosodimethylamine
 Concen: 6.919 ng
 RT: 3.64 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.2	113.8	170.6
44	38.1	8.2	12.2#





#5

2-Fluorophenol

Concen: 121.730 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:112 Resp: 1670385

Ion Ratio Lower Upper

112 100

64 55.2 45.2 67.8

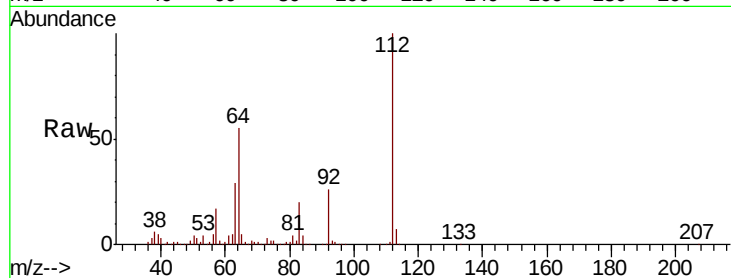
63 28.7 23.5 35.3

Manual Integrations

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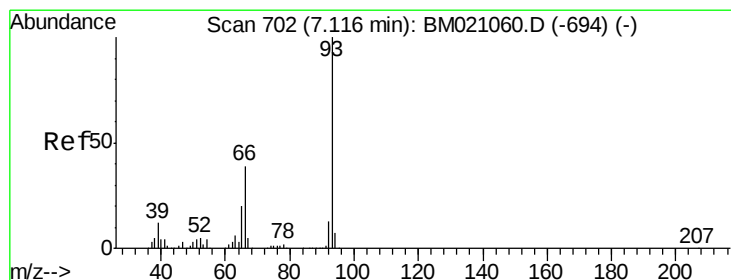
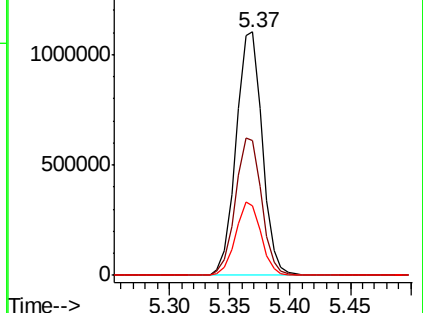
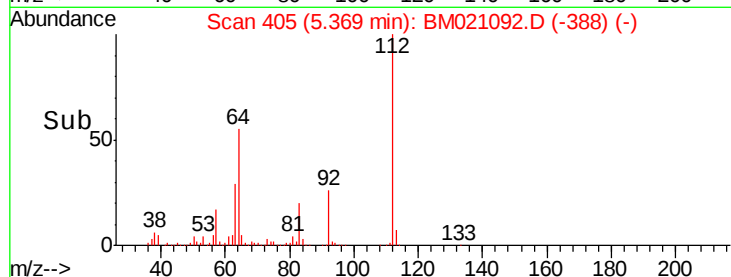
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 6.875 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

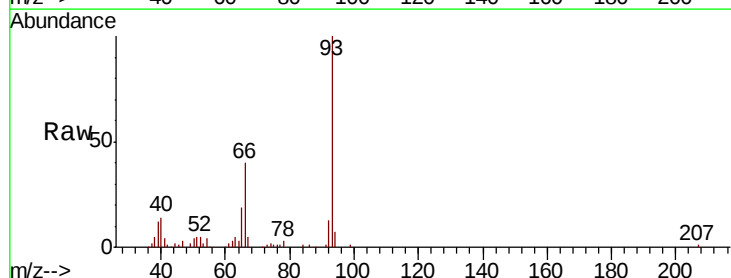
Tgt Ion: 93 Resp: 182986

Ion Ratio Lower Upper

93 100

66 40.3 31.3 46.9

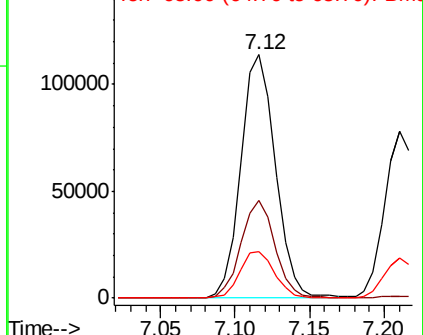
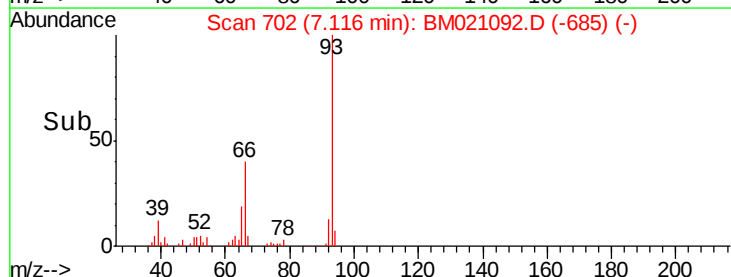
65 19.3 15.9 23.9

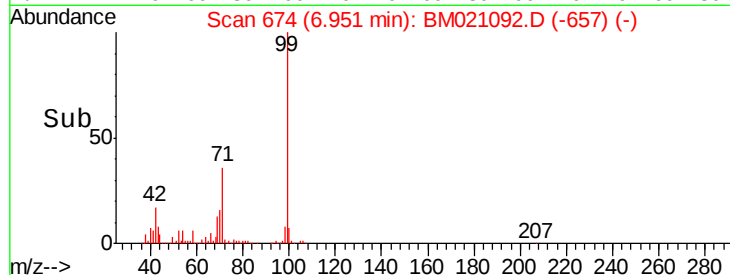
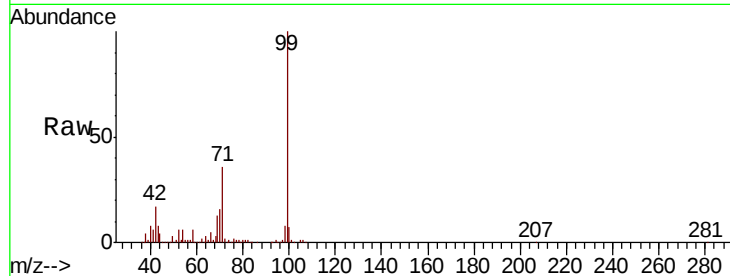
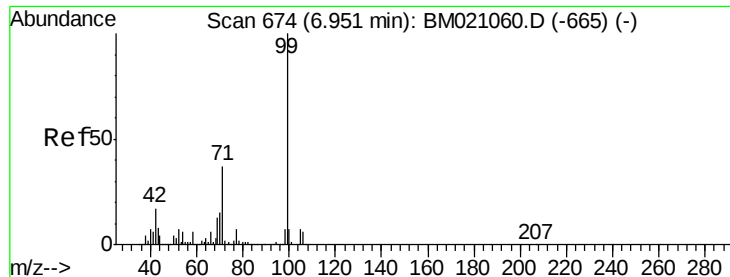


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 115.894 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tot Ion:	99	Resp:	2315910
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	35.9	29.3	43.9

Instrument :

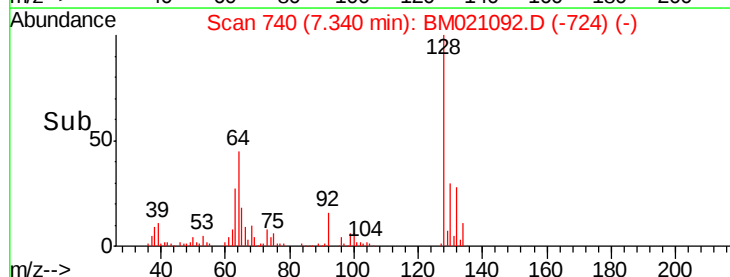
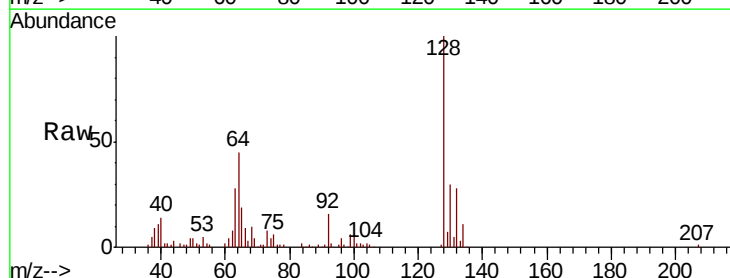
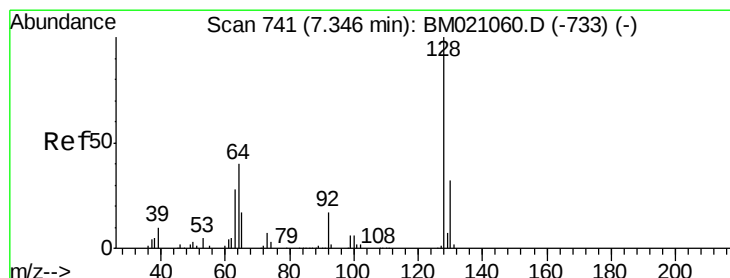
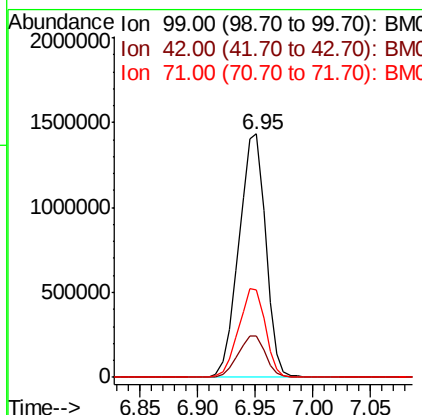
BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

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#8

2-Chlorophenol

Concen: 7.524 ng

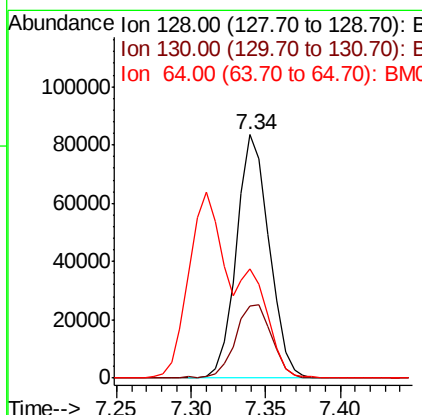
RT: 7.34 min Scan# 740

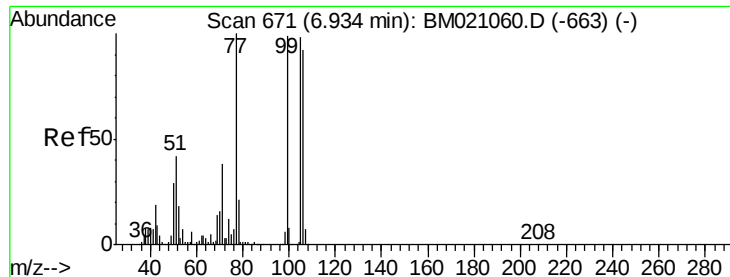
Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion:	128	Resp:	127065
Ion	Ratio	Lower	Upper
128	100		
130	29.7	12.2	52.2
64	44.8	23.2	63.2





#9

Benzaldehyde

Concen: 7.083 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

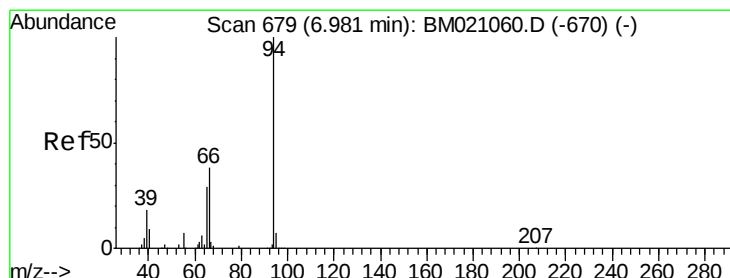
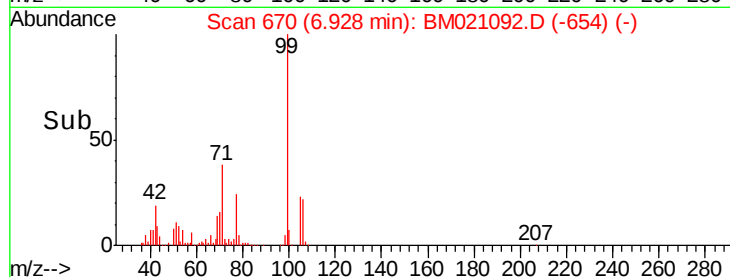
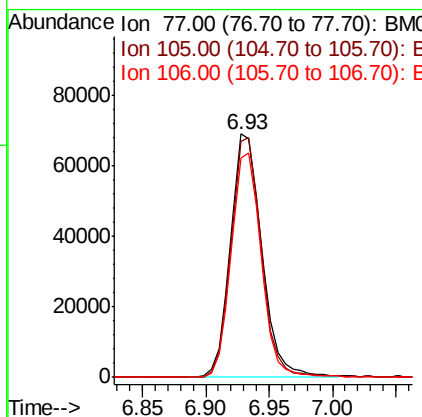
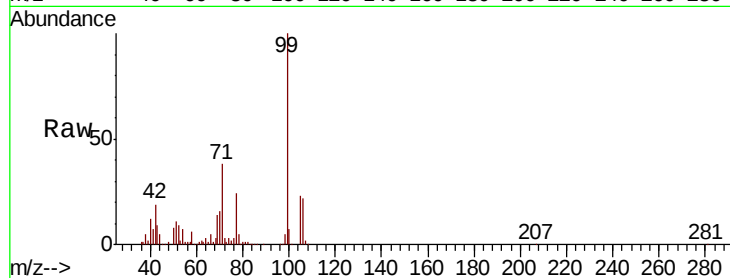
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.7	77.8	117.8
106	90.1	71.8	111.8

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#10

Phenol

Concen: 7.193 ng

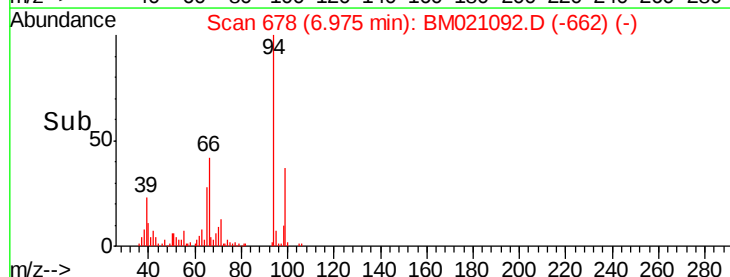
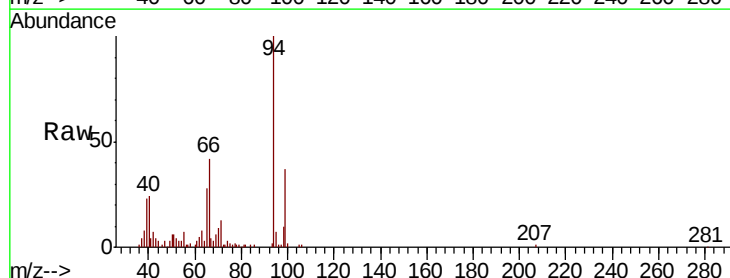
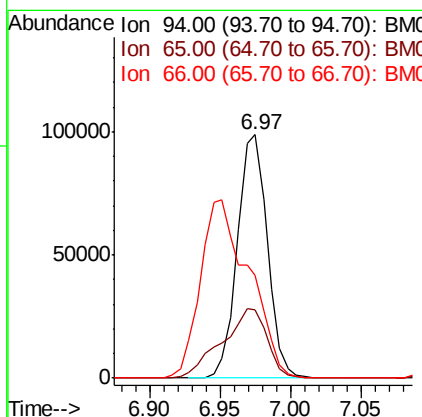
RT: 6.97 min Scan# 678

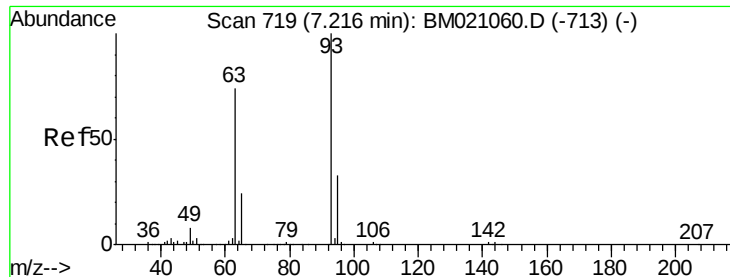
Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.7	48.7
66	42.3	19.0	59.0





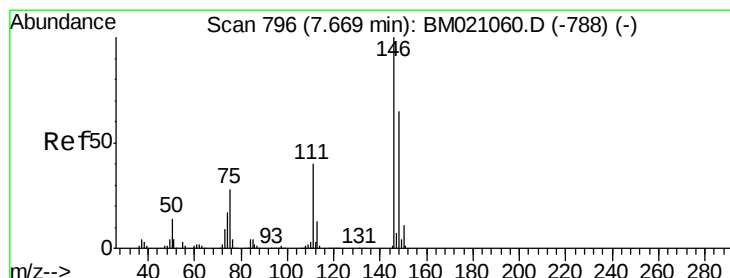
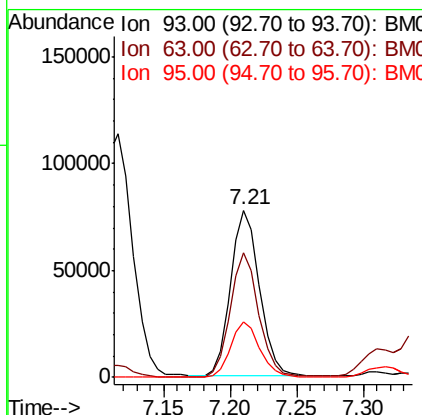
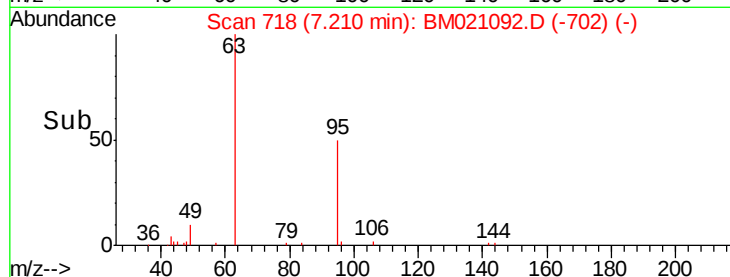
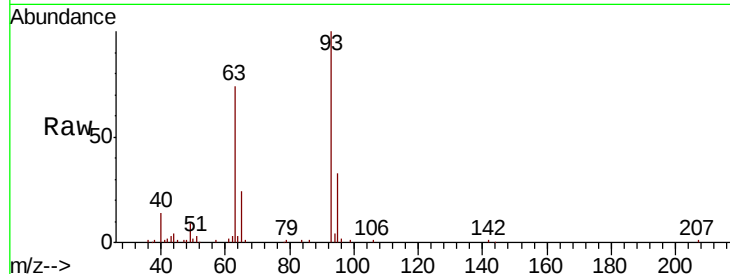
#11
bis(2-Chloroethyl)ether
Concen: 7.273 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
93	100	117559		
63	74.3		53.4	93.4
95	33.4		13.0	53.0

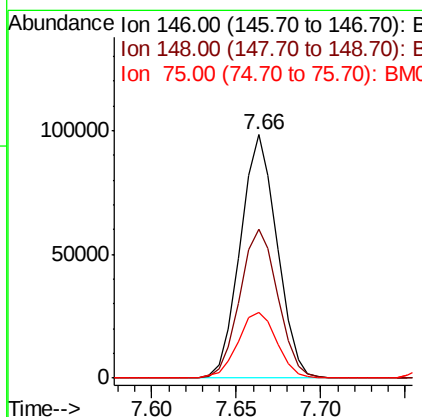
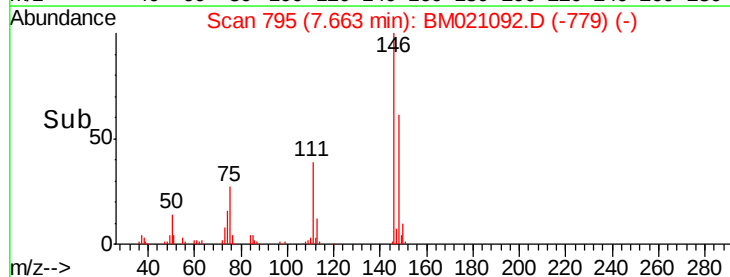
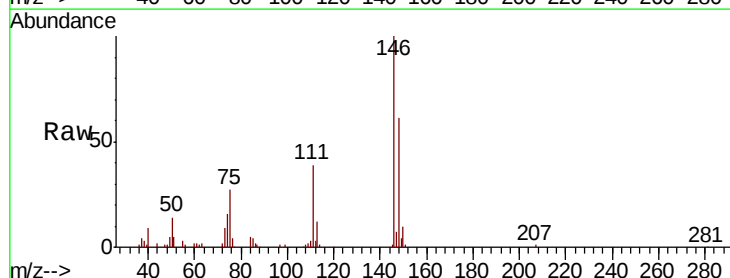
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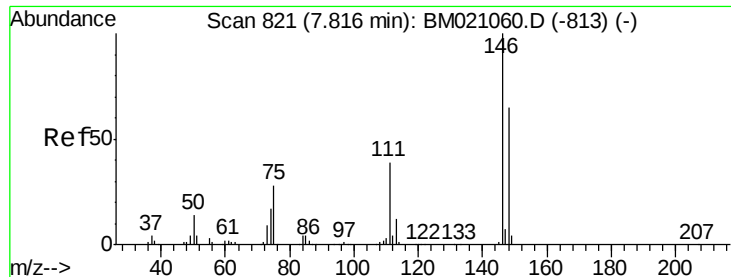
mohammad
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#12
1,3-Dichlorobenzene
Concen: 7.280 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	148949		
148	61.3		52.2	78.2
75	26.8		22.2	33.4





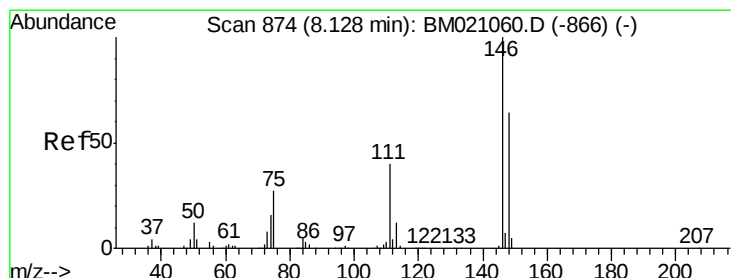
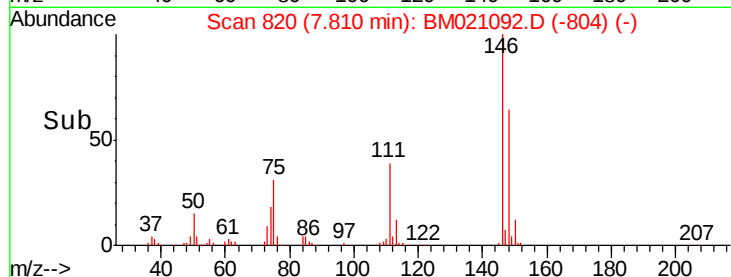
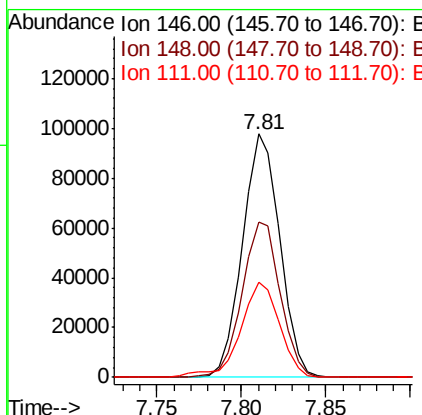
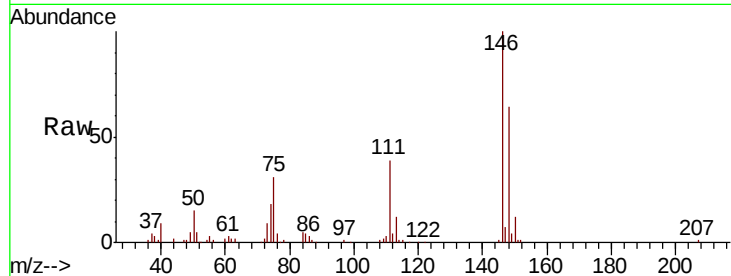
#13
 1,4-Dichlorobenzene
 Concen: 7.231 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	39.0	31.4	47.0

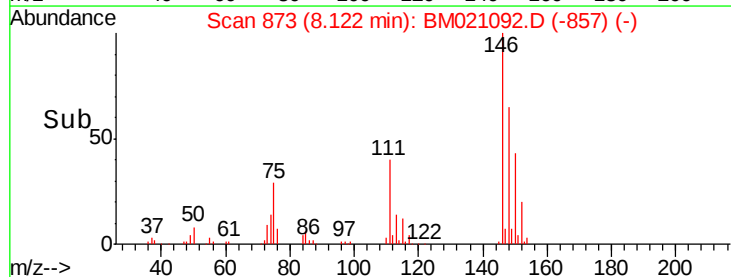
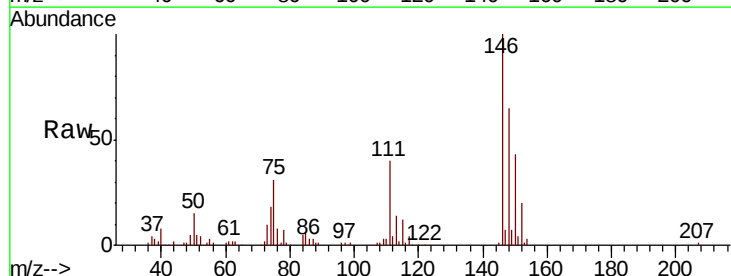
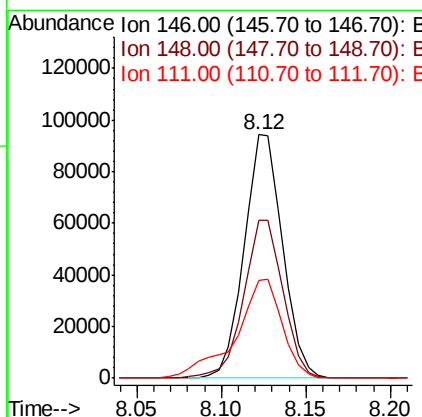
Manual Integrations
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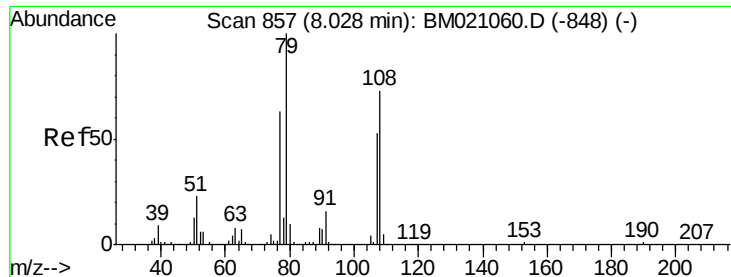
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 7.286 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	40.1	32.8	49.2





#15

Benzyl Alcohol

Concen: 7.131 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

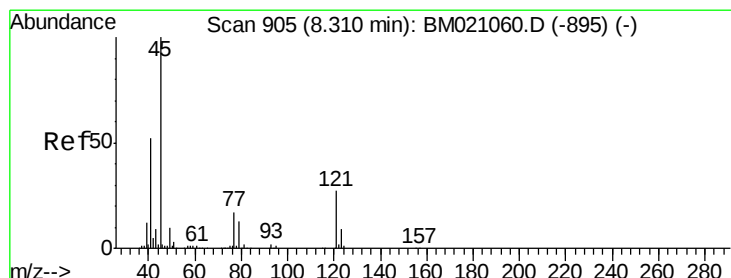
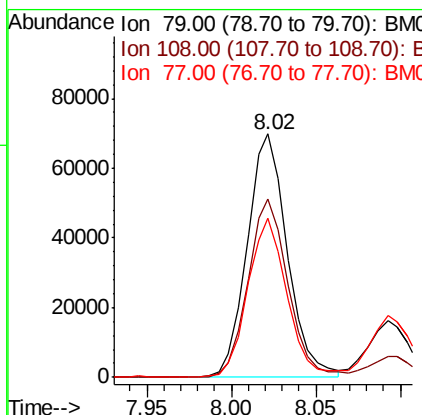
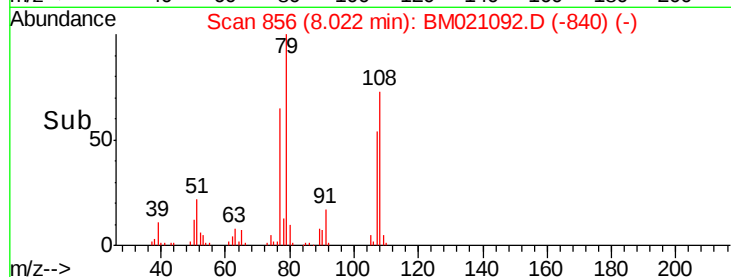
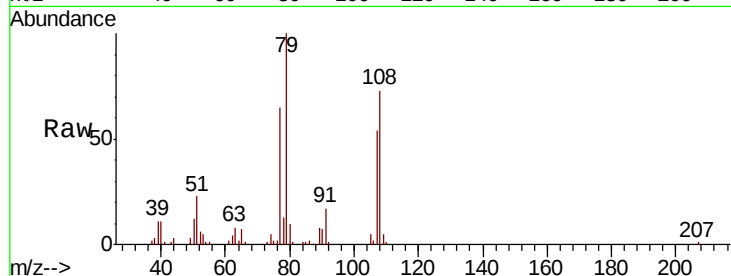
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	79	Resp:	115375
Ion Ratio	Lower	Upper	
79	100		
108	73.1	58.4	87.6
77	65.4	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.349 ng

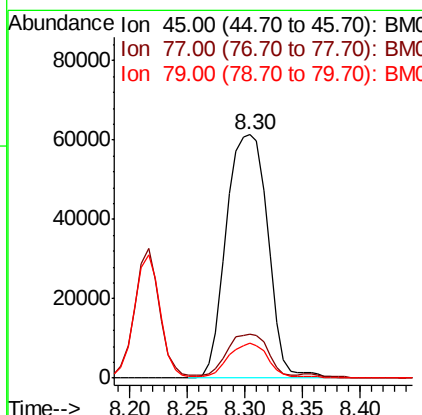
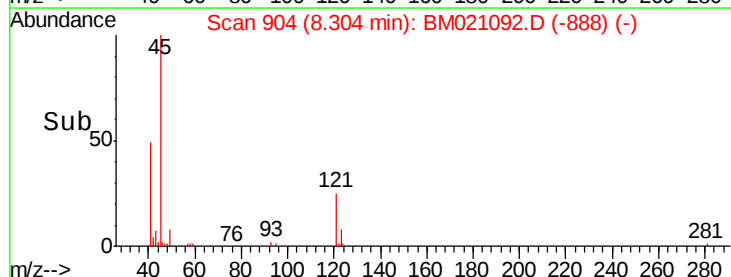
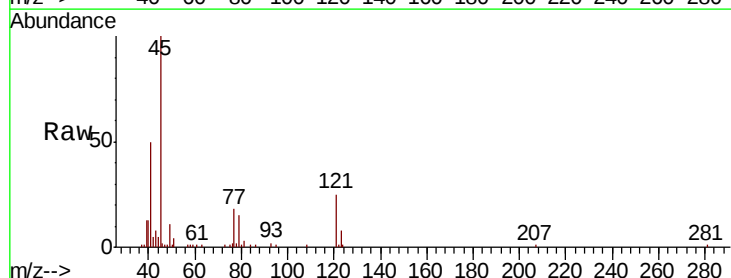
RT: 8.30 min Scan# 904

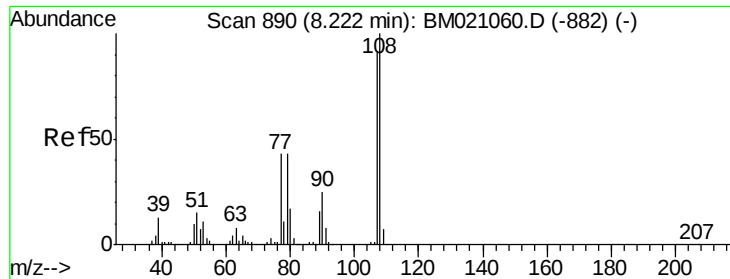
Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion:	45	Resp:	153629
Ion Ratio	Lower	Upper	
45	100		
77	18.0	0.0	37.5
79	14.6	0.0	33.5





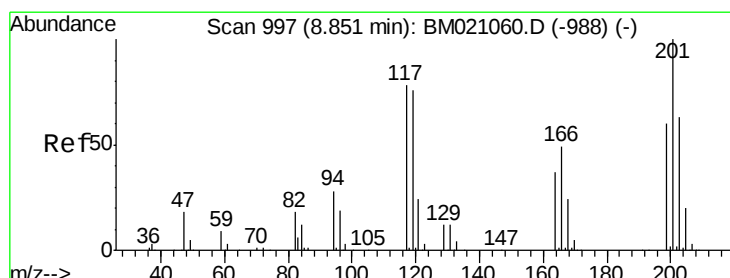
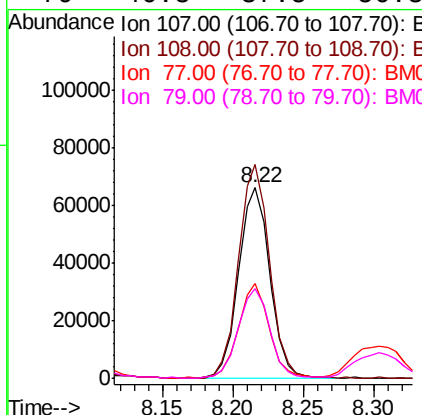
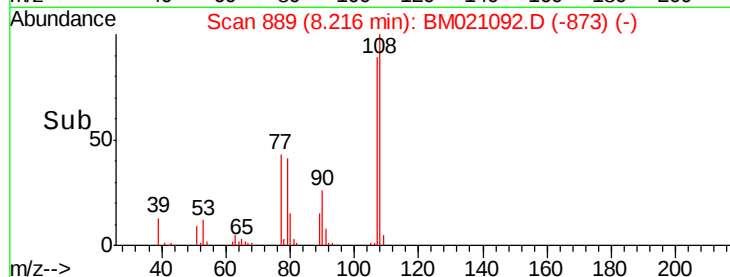
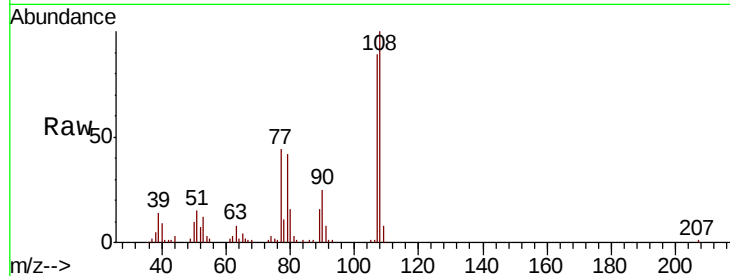
#17
2-Methylphenol
Concen: 7.048 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100	102774		
108	112.1		87.5	131.3
77	49.6		37.8	56.8
79	46.8		37.5	56.3

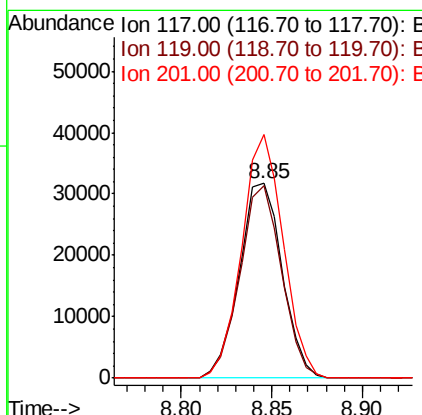
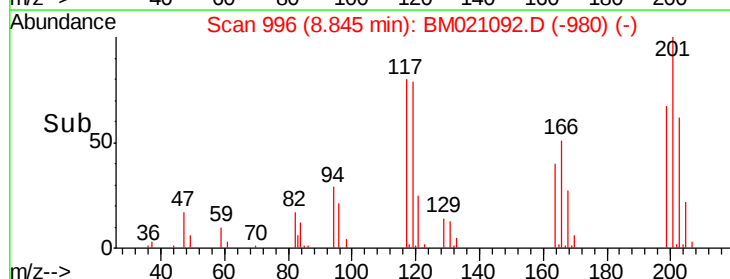
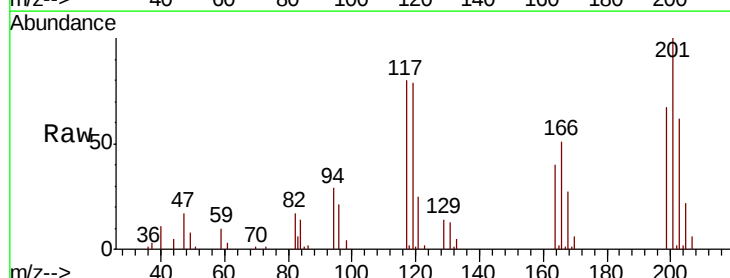
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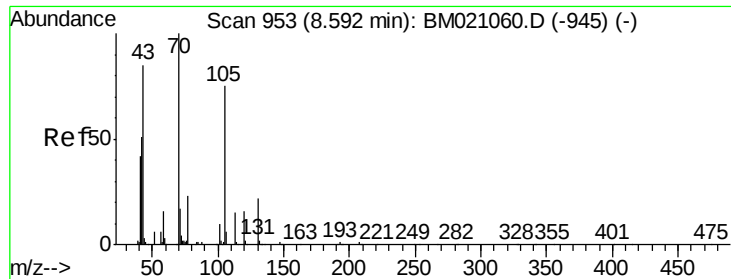
mohammad
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#18
Hexachloroethane
Concen: 7.018 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52413		
119	99.0		77.5	116.3
201	125.2		102.3	153.5





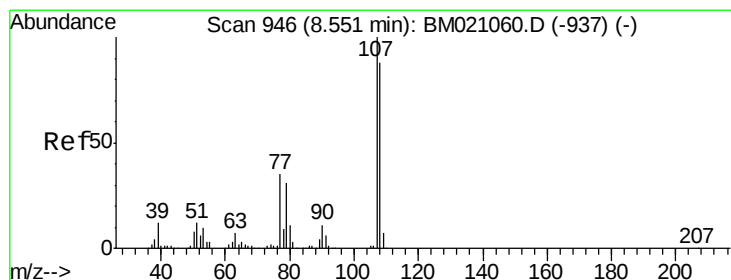
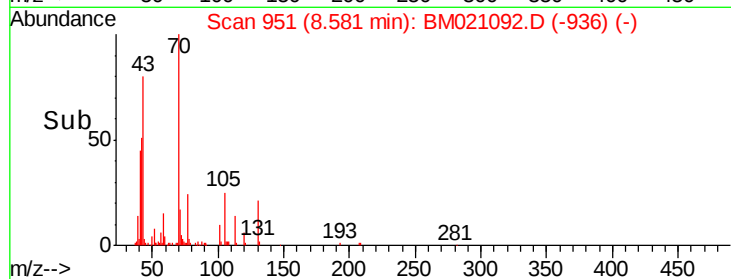
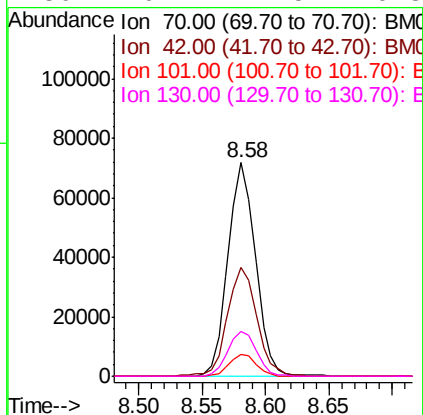
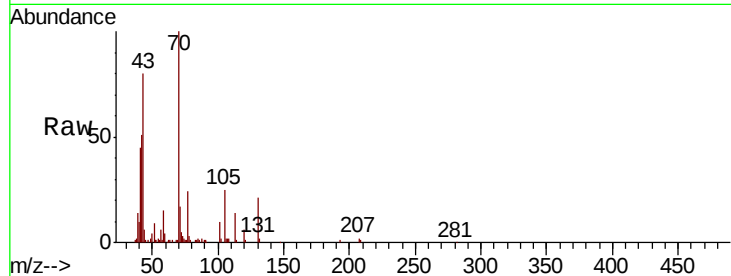
#19
n-Nitroso-di-n-propylamine
Concen: 7.430 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.9	41.9	62.9		
101	10.0	8.1	12.1		
130	20.7	17.5	26.3		

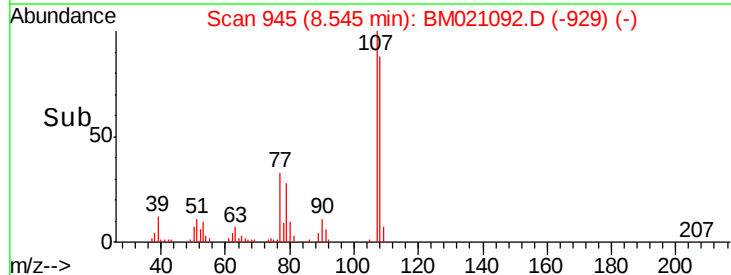
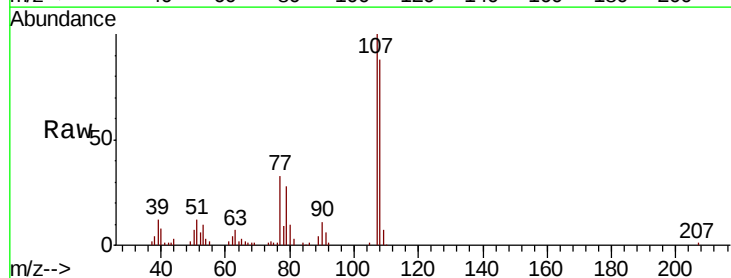
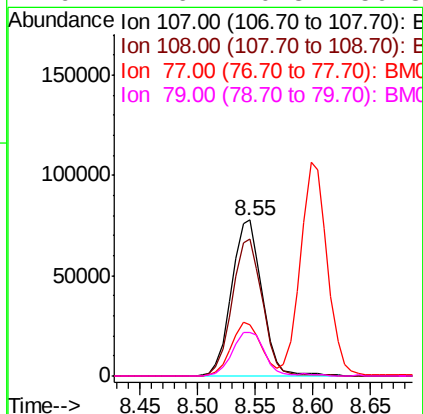
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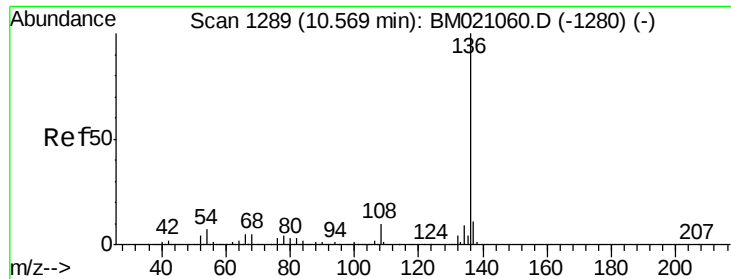
mohammad
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#20
3+4-Methylphenols
Concen: 7.099 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.2	67.9	107.9		
77	32.5	14.6	54.6		
79	27.6	10.8	50.8		





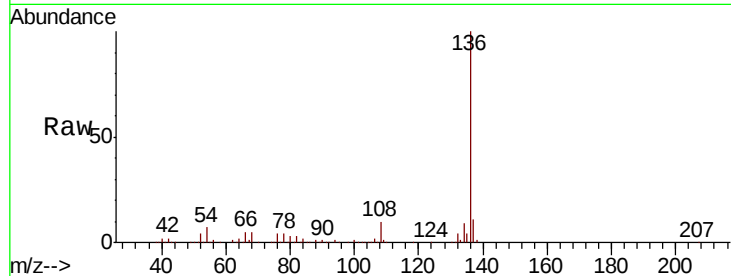
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	136	Resp	1042766
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.7	5.3	7.9
68	5.5	4.4	6.6

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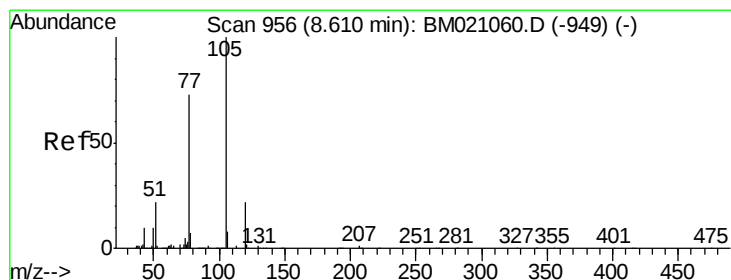
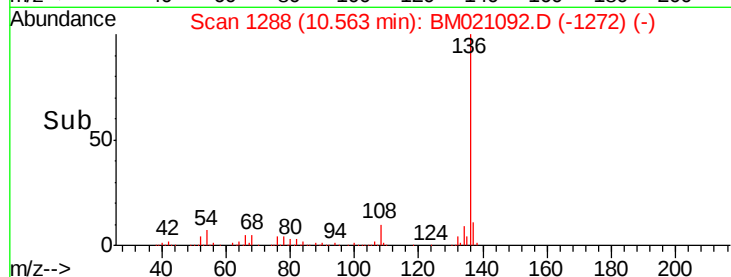
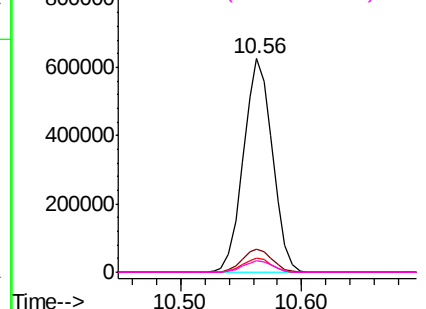
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 8.184 ng
RT: 8.60 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	105	Resp	217476
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.2	1.8#
51	25.2	19.1	28.7
120	22.1	17.9	26.9

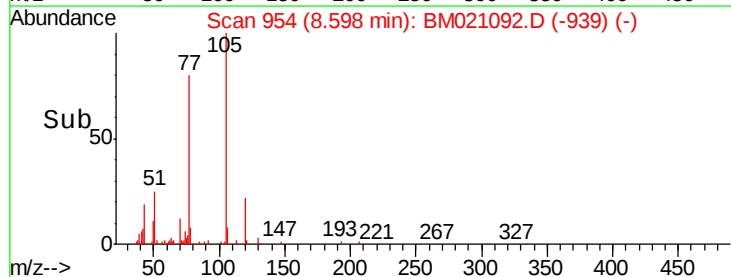
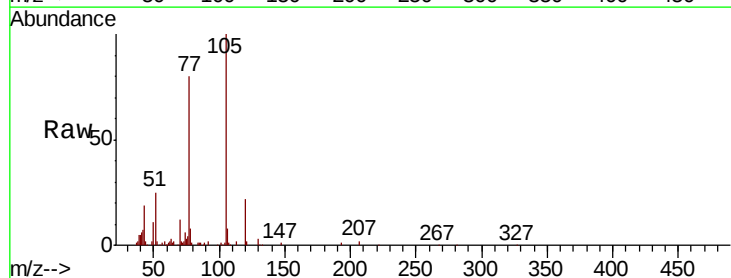
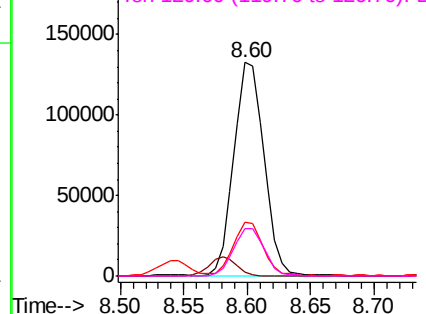
Abundance

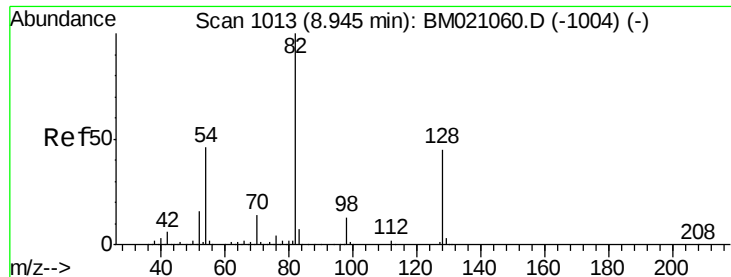
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





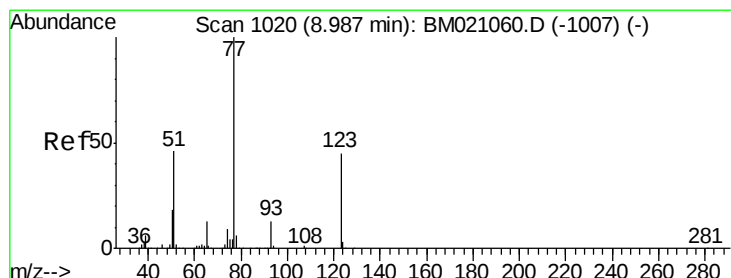
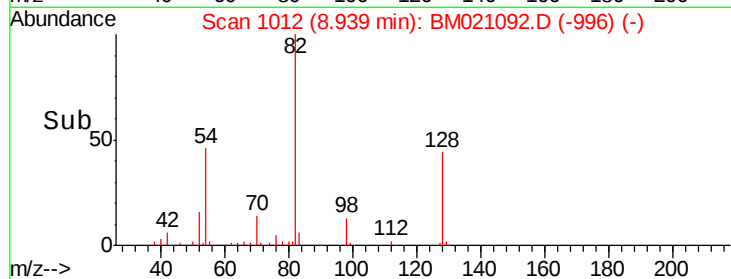
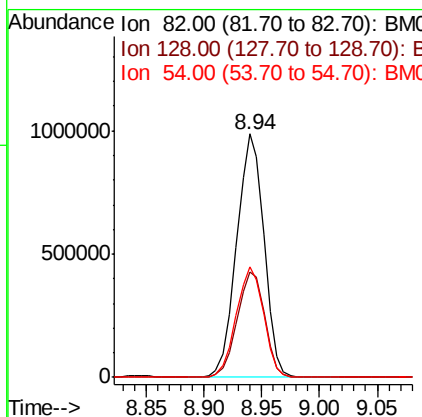
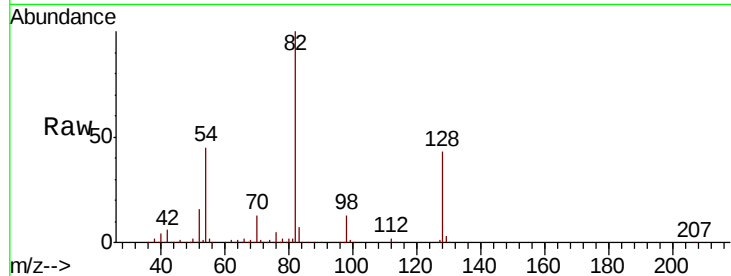
#23
 Nitrobenzene-d5
 Concen: 81.024 ng
 RT: 8.94 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	82	Resp	1621142
Ion Ratio	100	Lower	Upper
82	100		
128	43.5	35.9	53.9
54	45.3	36.6	55.0

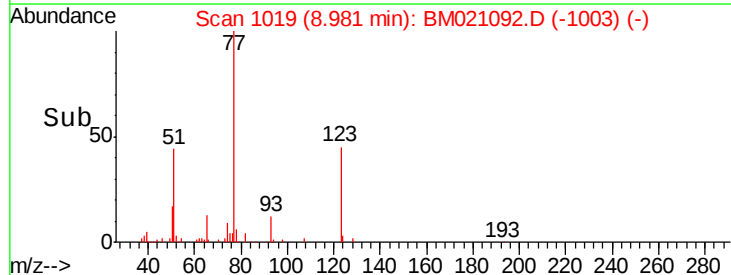
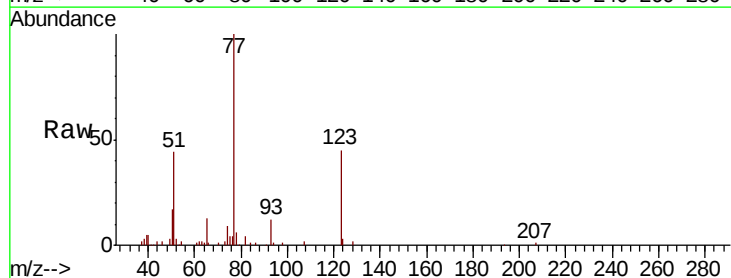
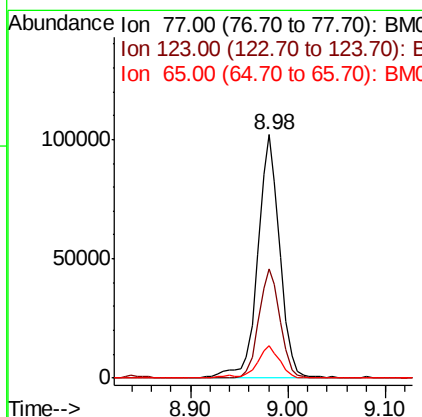
Manual Integrations
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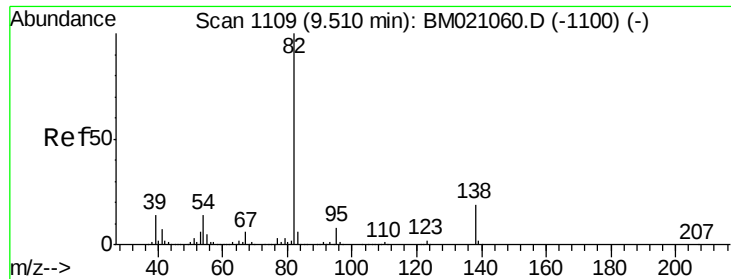
mohammad
 6/26/2019 1:57:30 PM



#24
 Nitrobenzene
 Concen: 8.063 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Tgt Ion	77	Resp	159815
Ion Ratio	100	Lower	Upper
77	100		
123	44.9	36.3	54.5
65	13.2	10.6	16.0





#25

Isophorone

Concen: 7.823 ng

RT: 9.50 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

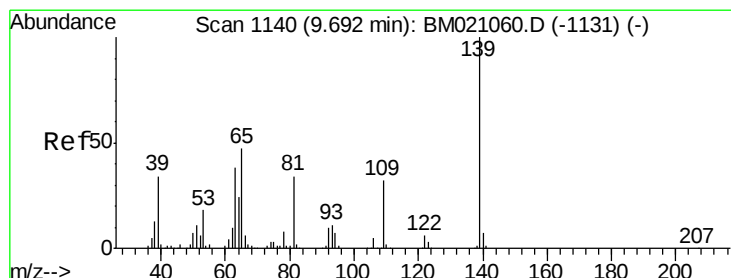
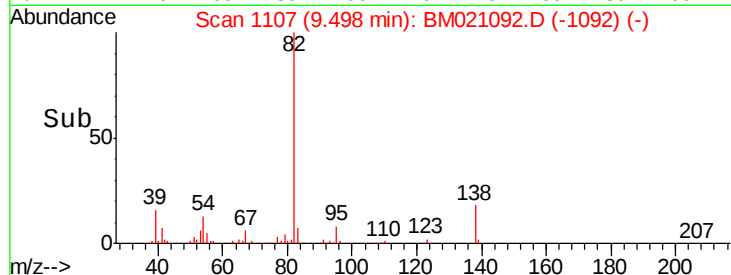
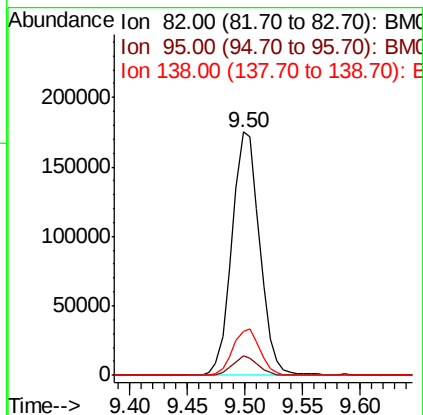
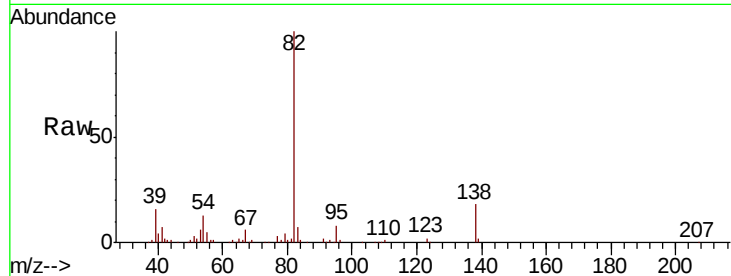
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	82	Resp:	292861
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.1	9.1
138	18.3	15.0	22.6

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#26

2-Nitrophenol

Concen: 6.889 ng

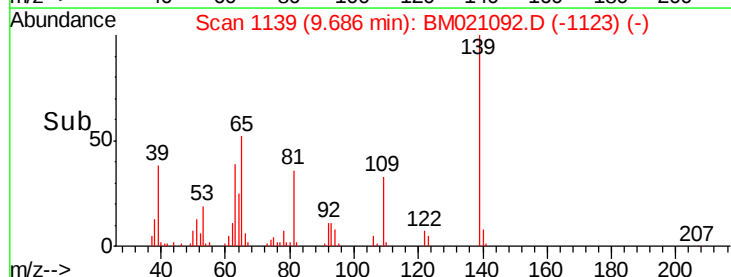
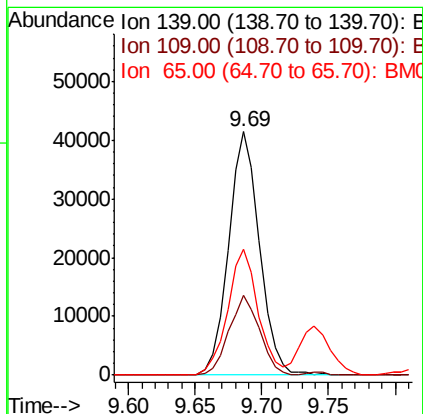
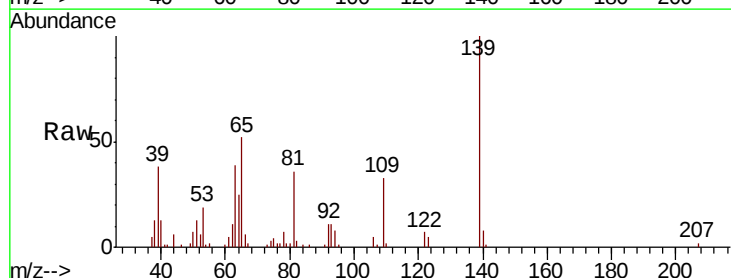
RT: 9.69 min Scan# 1139

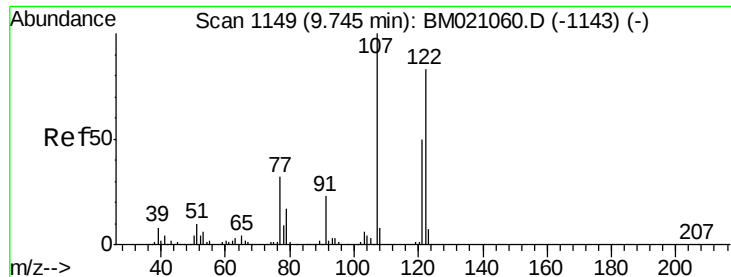
Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion:	139	Resp:	66856
Ion Ratio	Lower	Upper	
139	100		
109	32.8	25.2	37.8
65	51.7	37.4	56.0





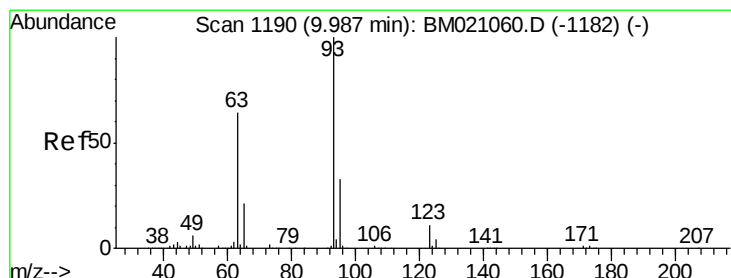
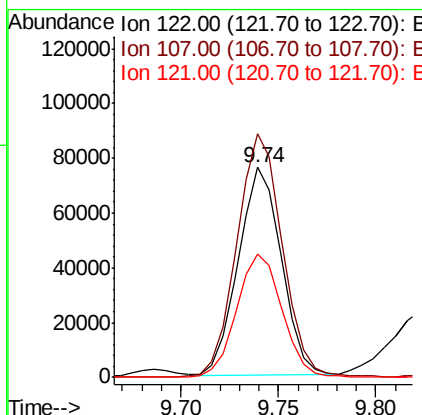
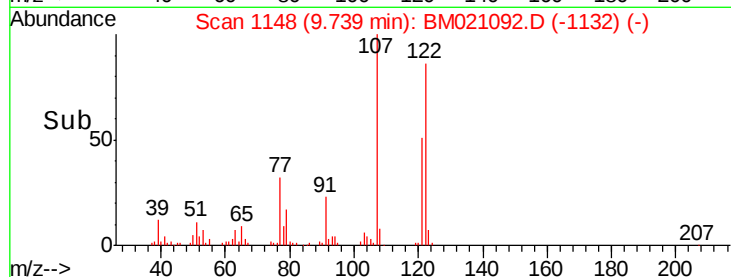
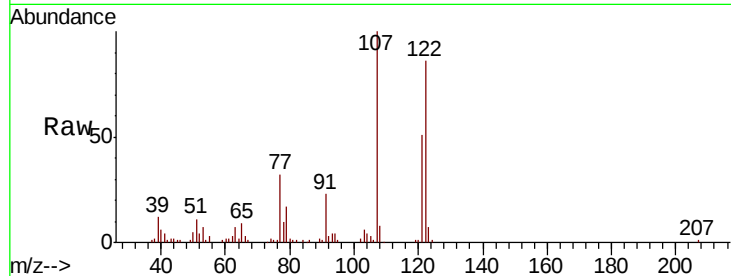
#27
2,4-Dimethylphenol
Concen: 8.230 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	95.3	142.9
121	59.0	47.5	71.3

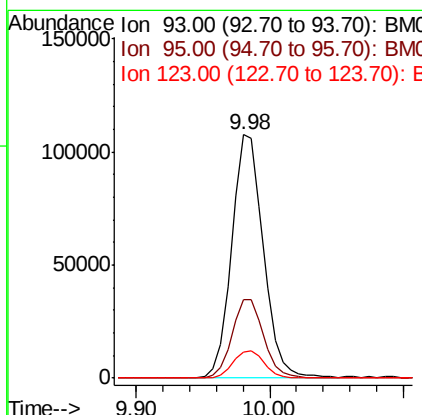
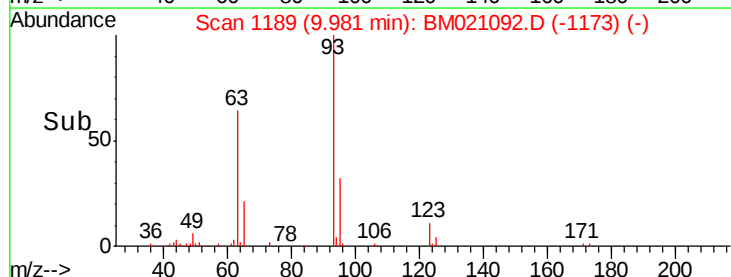
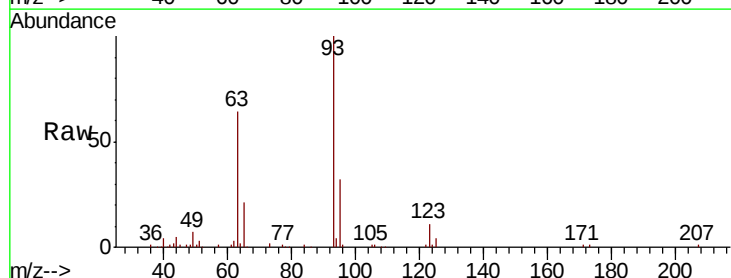
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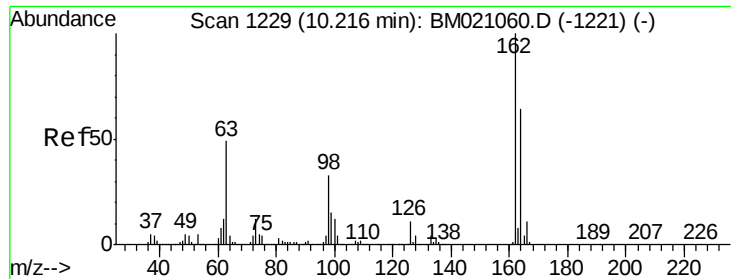
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 7.668 ng
RT: 9.98 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	10.8	9.0	13.4





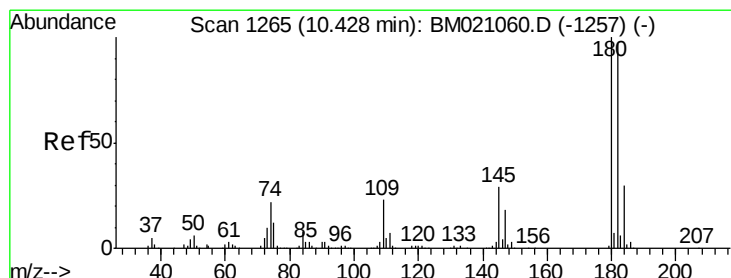
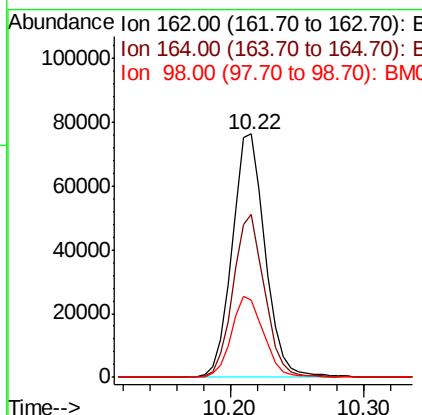
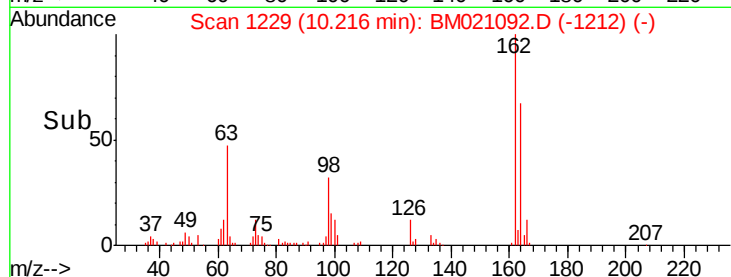
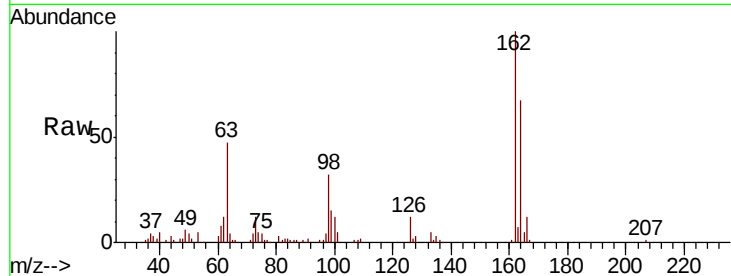
#29
2,4-Dichlorophenol
Concen: 7.152 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	43.7	83.7
98	31.6	13.4	53.4

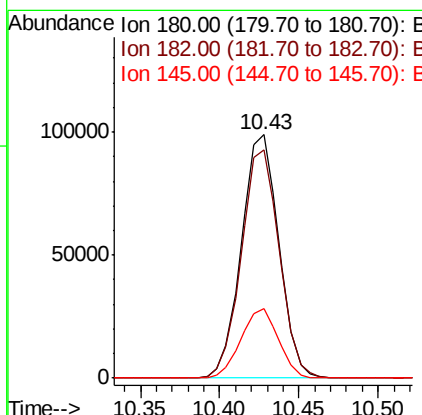
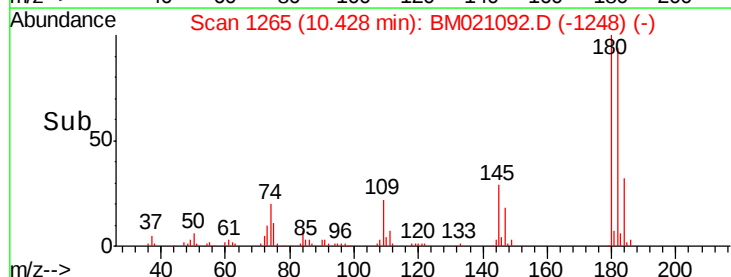
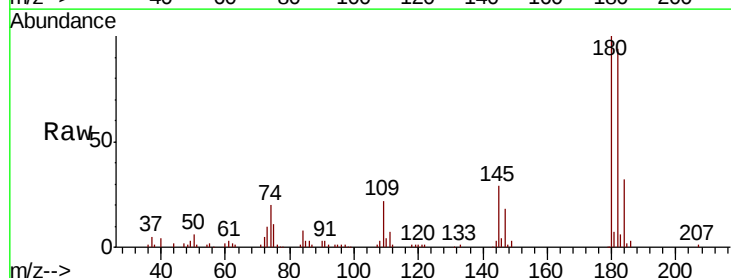
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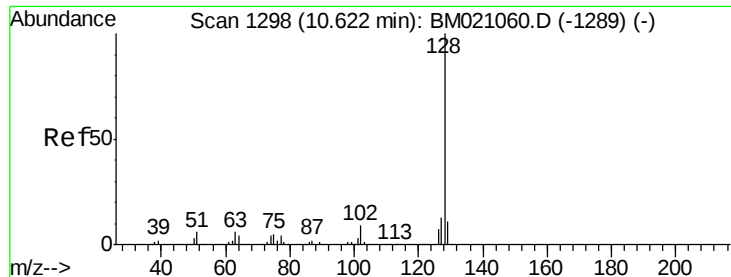
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 7.518 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.0	117.0
145	28.7	23.4	35.0





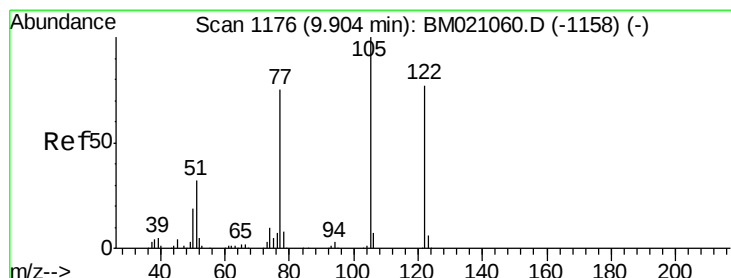
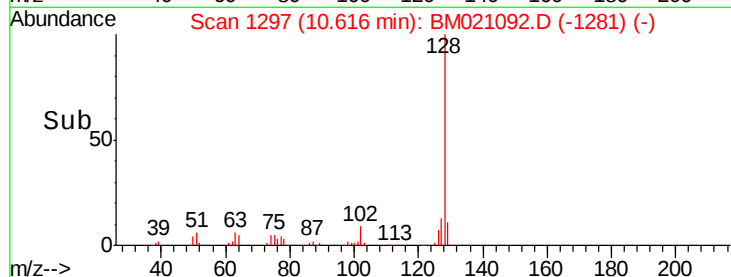
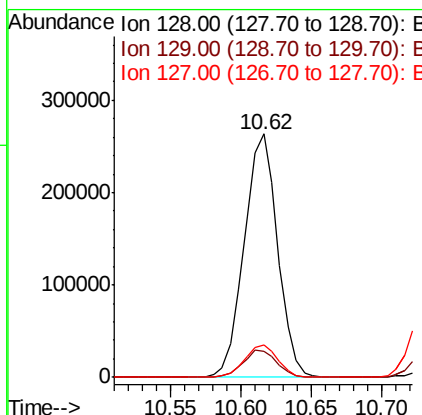
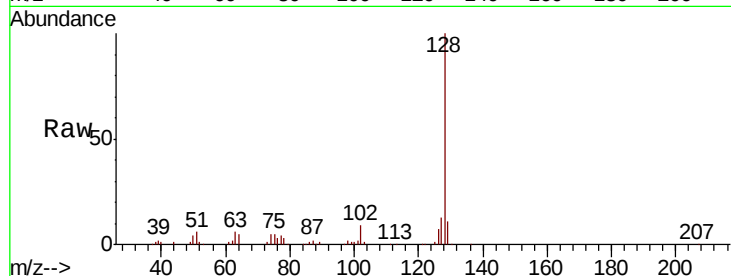
#31
Naphthalene
Concen: 7.909 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.2	10.8	16.2

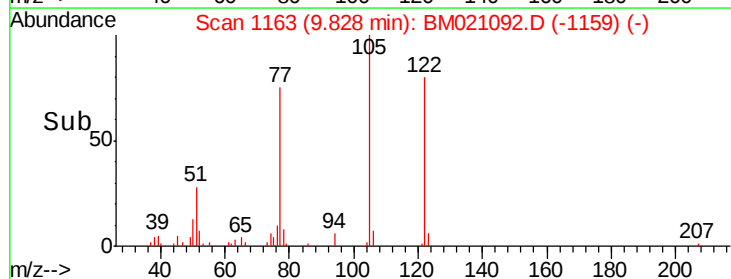
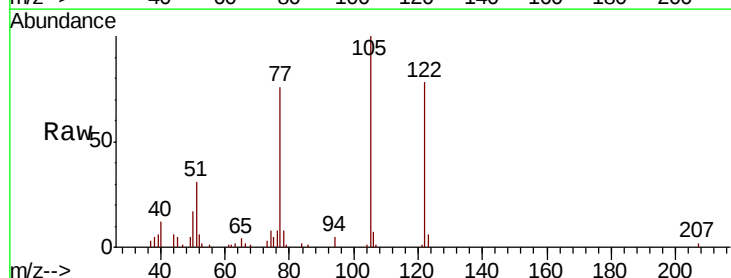
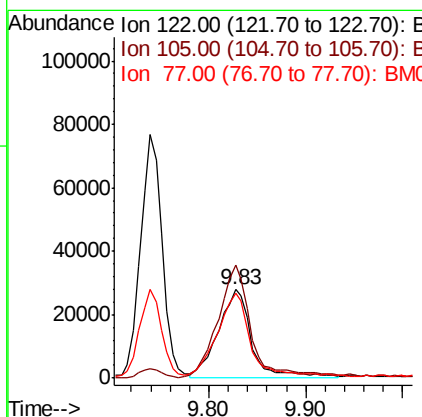
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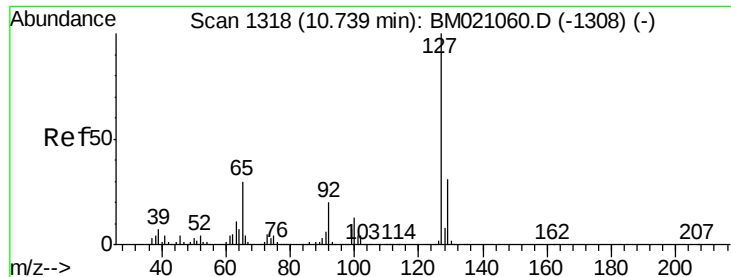
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#32
Benzoic acid
Concen: 5.883 ng m
RT: 9.83 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.5	108.9	148.9
77	96.6	76.7	116.7





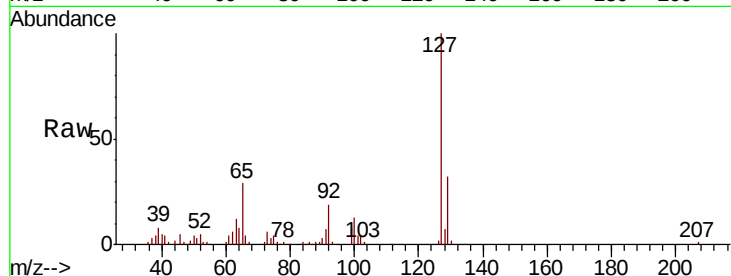
#33
4-Chloroaniline
Concen: 7.174 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.1	37.7
65	28.8	23.8	35.8
92	19.3	15.7	23.5

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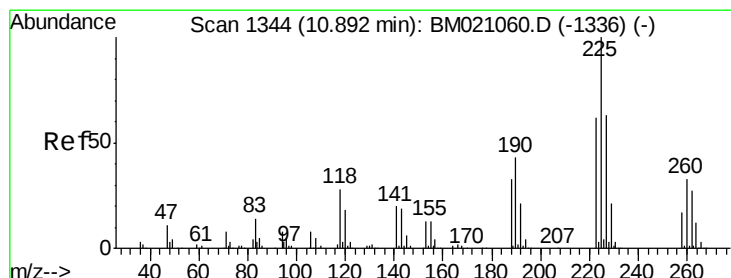
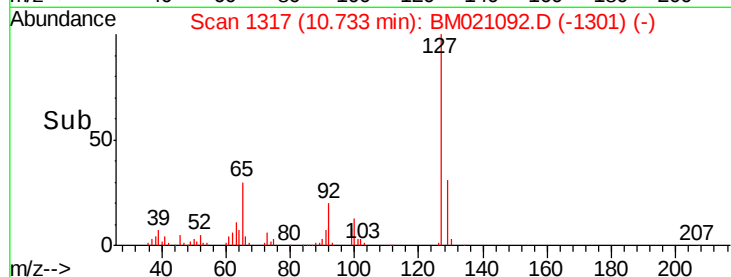
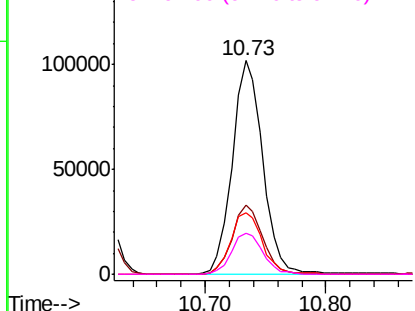
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

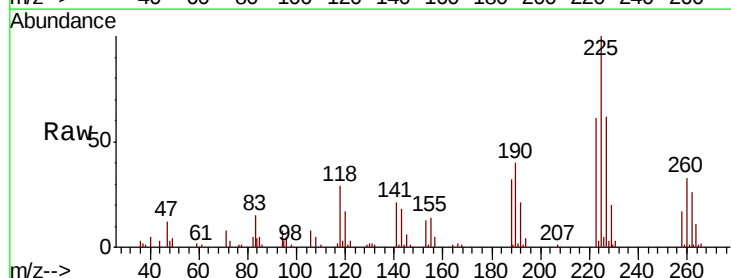
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 7.263 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	62.1	50.4	75.6

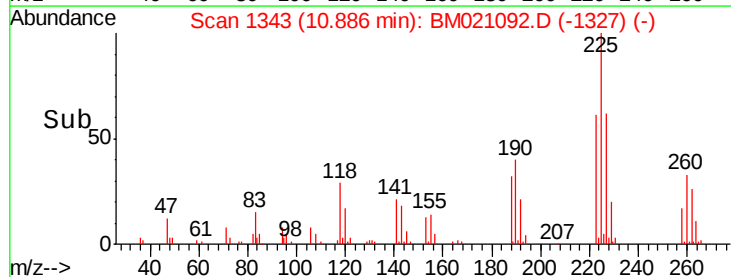
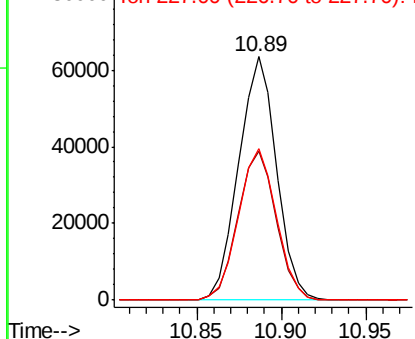


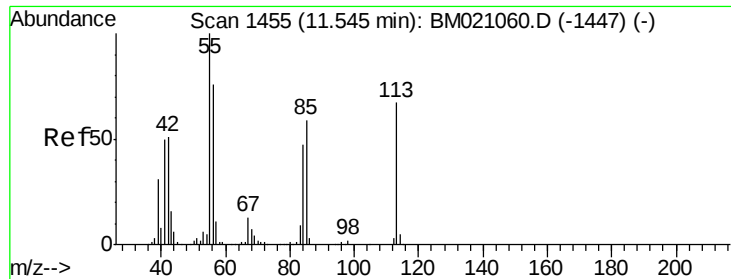
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





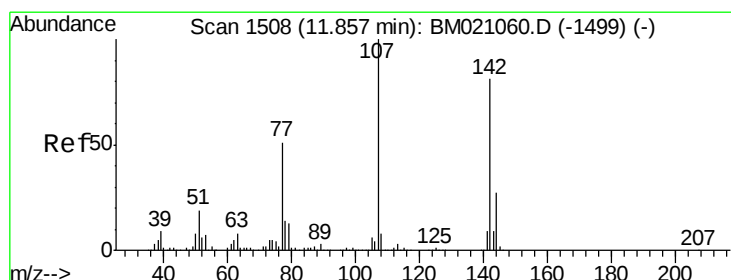
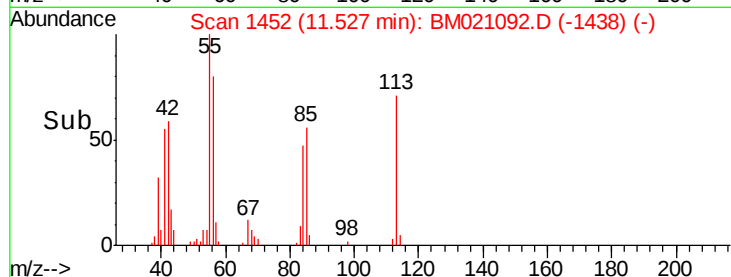
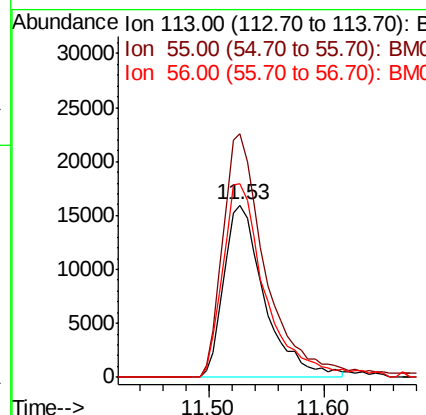
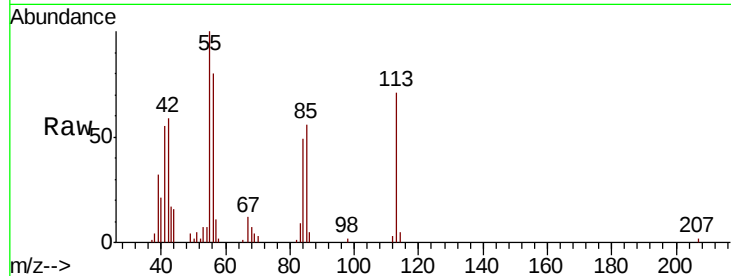
#35
 Caprolactam
 Concen: 6.833 ng
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	141.6	129.8	169.8	
56	112.9	94.3	134.3	

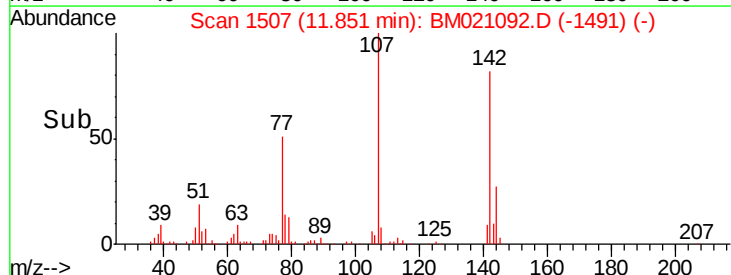
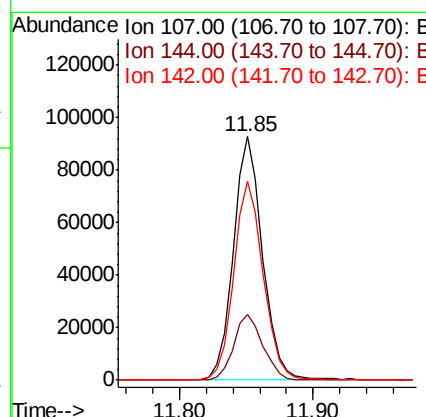
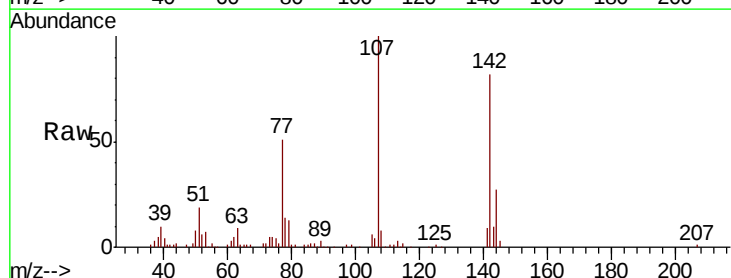
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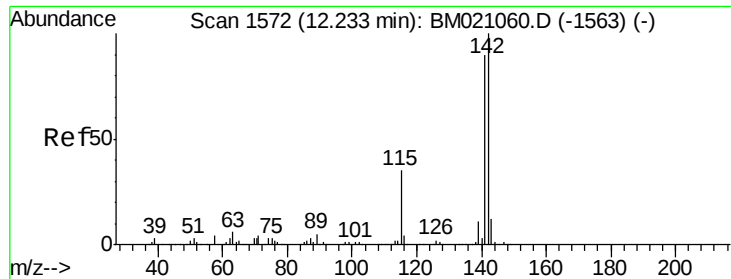
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#36
 4-Chloro-3-methylphenol
 Concen: 7.599 ng
 RT: 11.85 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.1	21.3	31.9	
142	81.9	64.9	97.3	





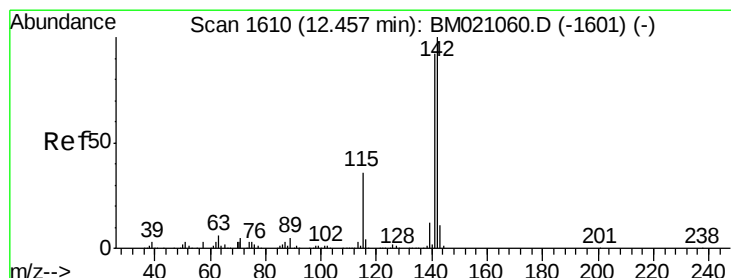
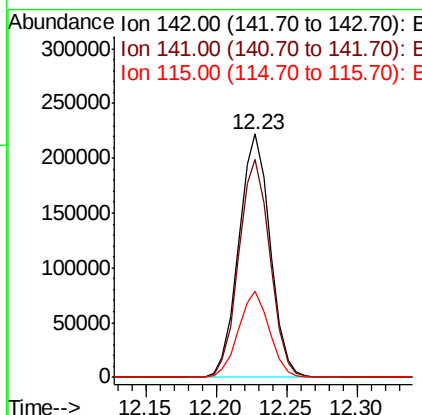
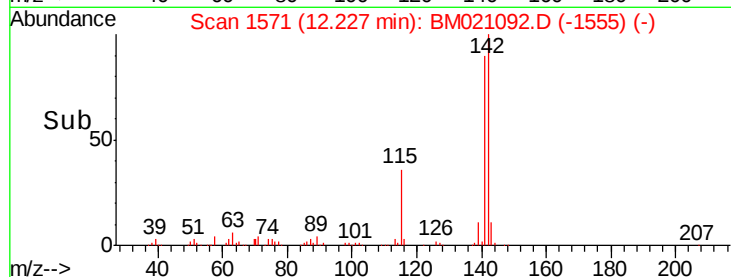
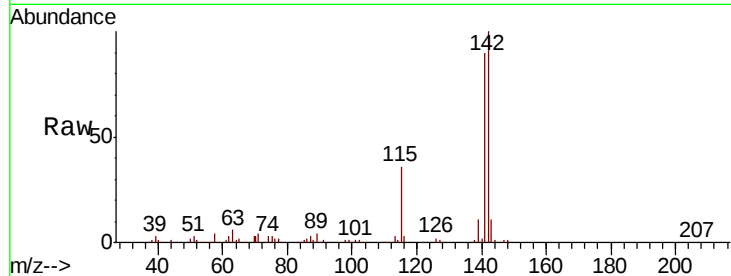
#37
2-Methylnaphthalene
Concen: 8.138 ng
RT: 12.23 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.2
115	35.6	27.9	41.9

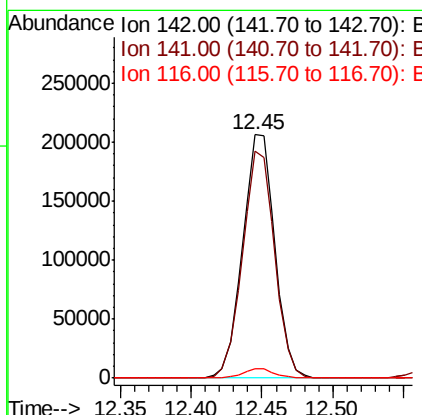
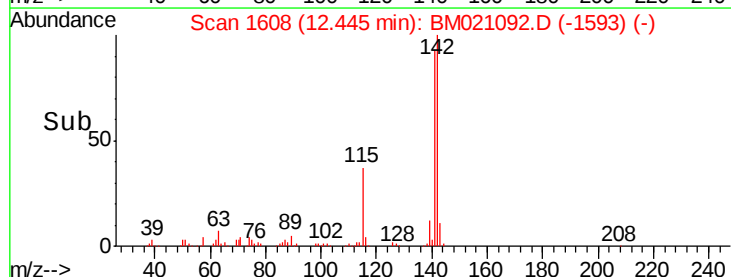
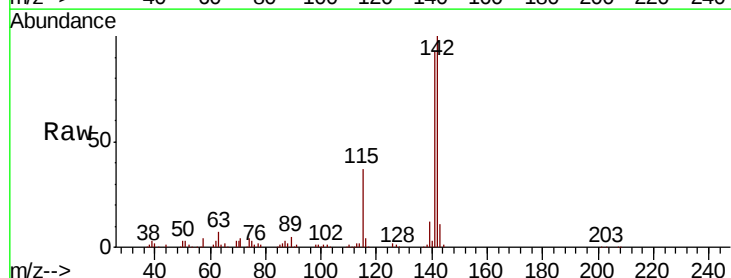
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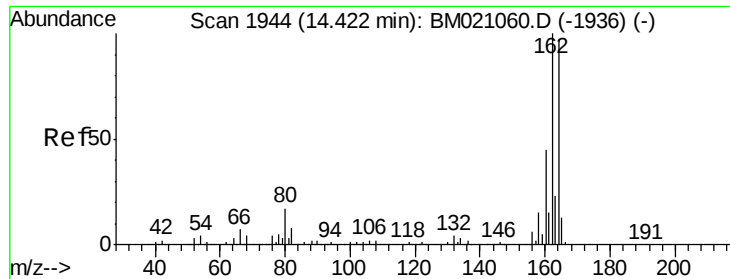
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#38
1-Methylnaphthalene
Concen: 8.144 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	3.9	3.0	4.6





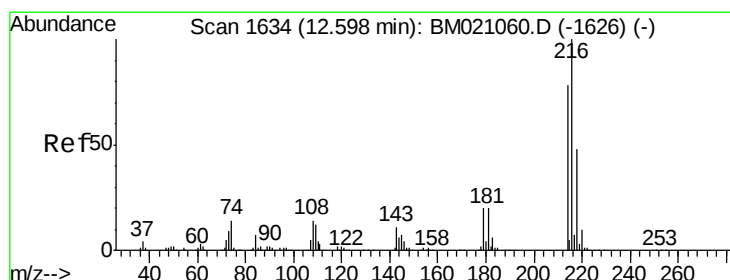
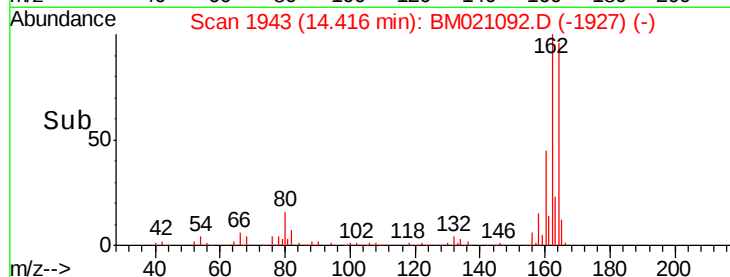
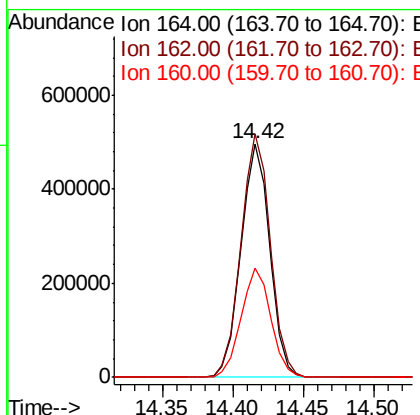
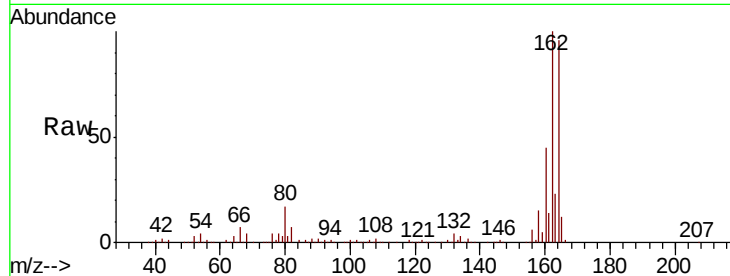
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.1	123.1
160	46.8	37.1	55.7

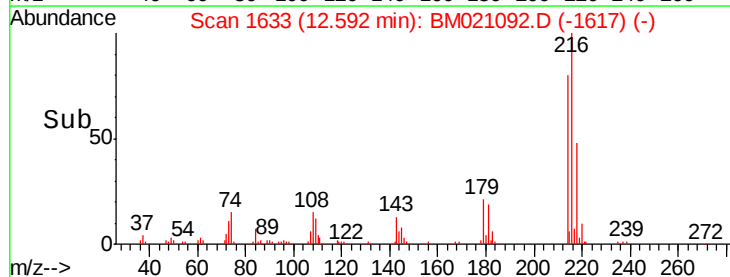
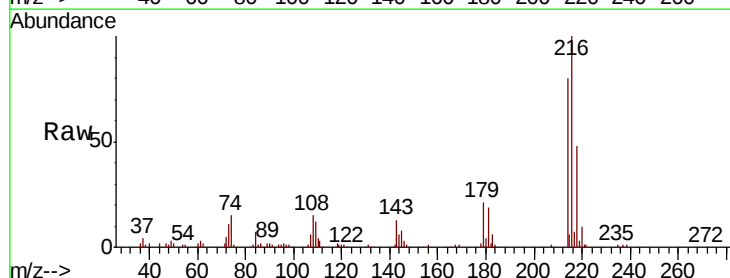
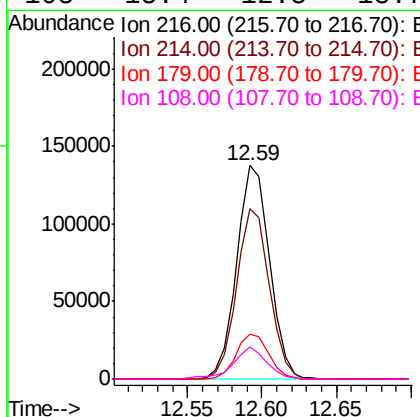
Manual Integrations
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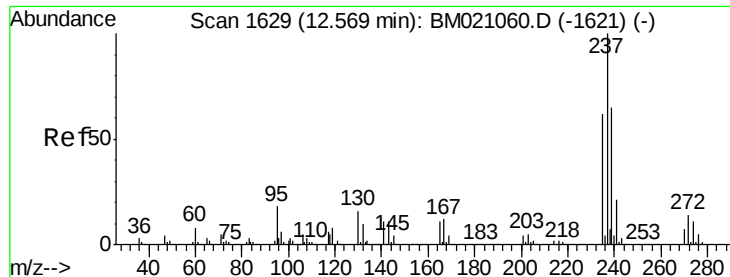
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.846 ng
RT: 12.59 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	20.9	16.4	24.6
108	15.4	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 5.966 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

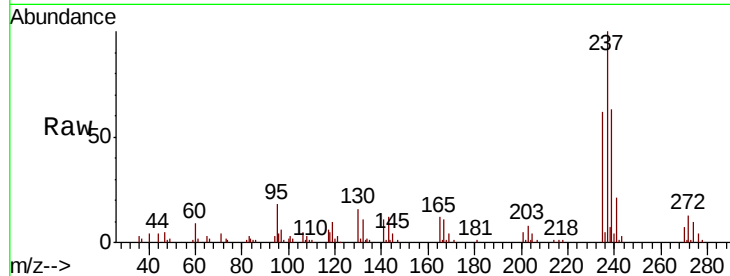
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

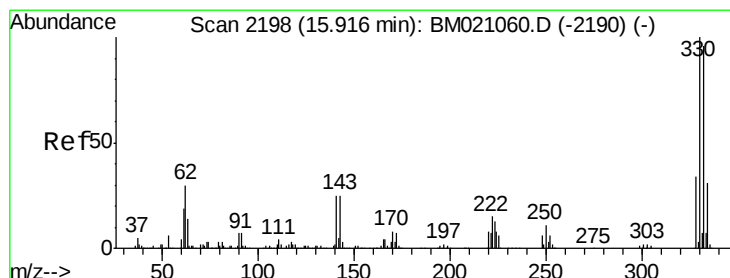
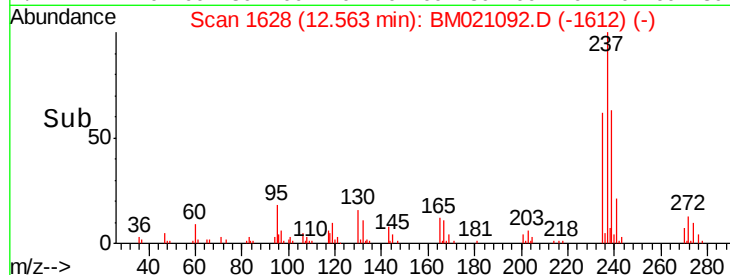
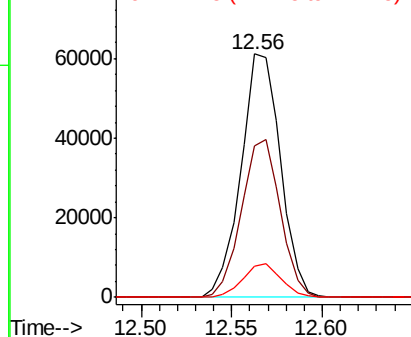
Tot Ion:	237	Resp:	92684
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.7	81.7
272	12.8	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 135.735 ng

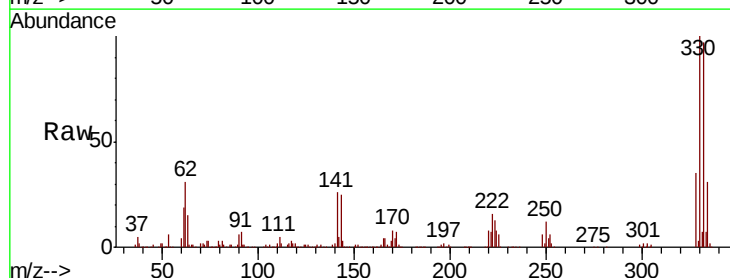
RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

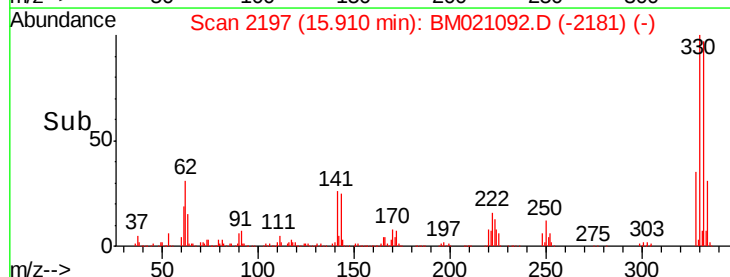
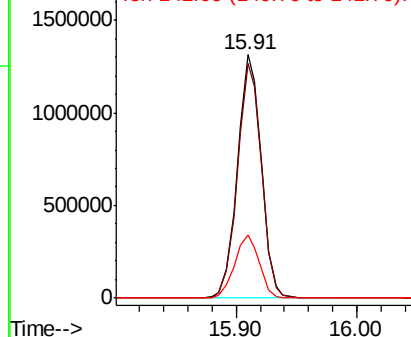
Lab File: BM021092.D

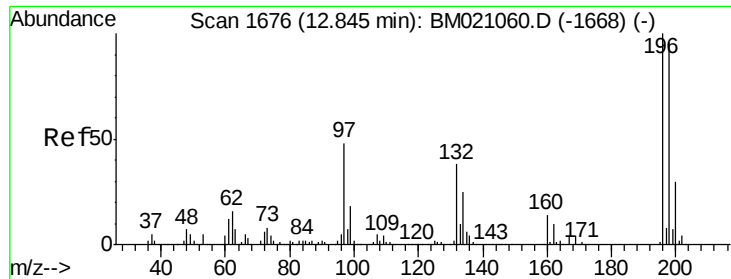
Acq: 22 Jun 2019 09:34

Tgt Ion:	330	Resp:	1803384
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.1	115.7
141	26.7	21.8	32.8



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





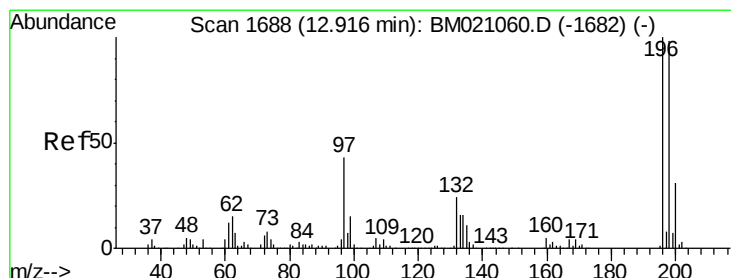
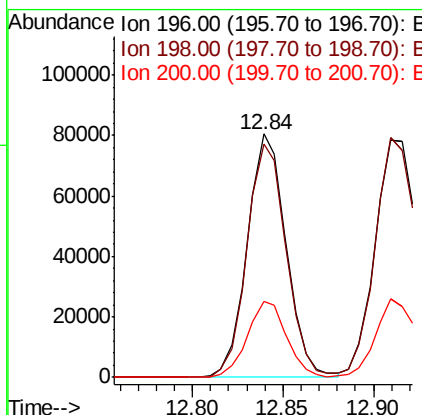
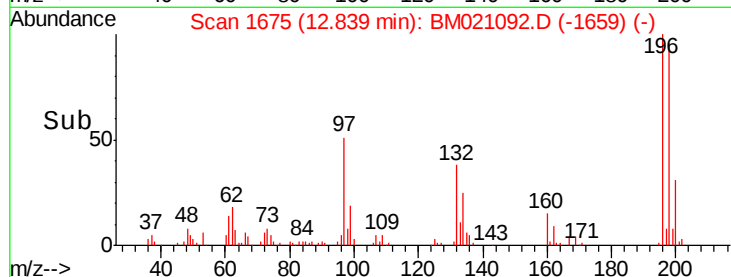
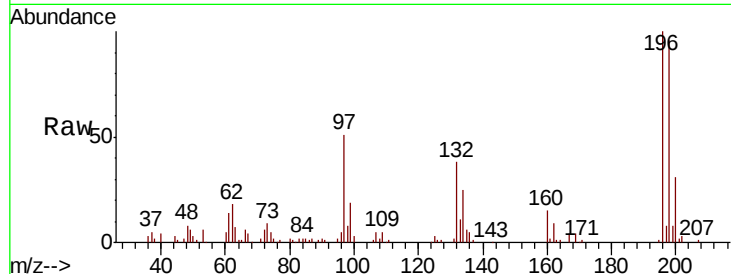
#43
 2,4,6-Trichlorophenol
 Concen: 6.764 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119956		
198	95.8	76.7	115.1	
200	30.9	24.2	36.4	

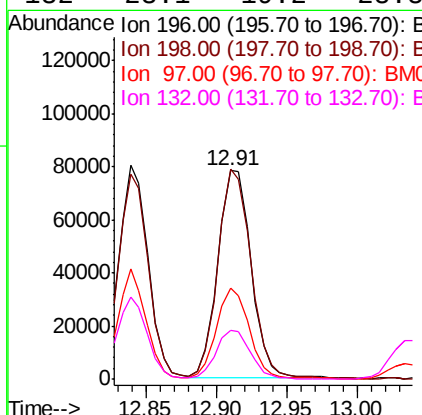
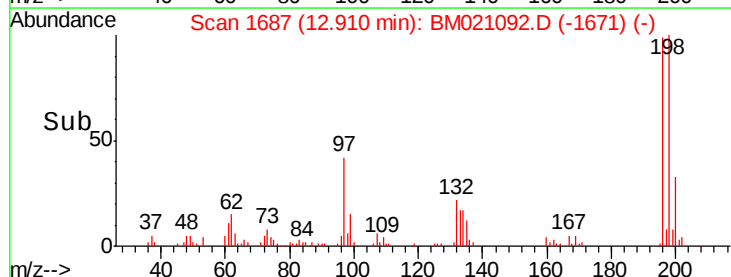
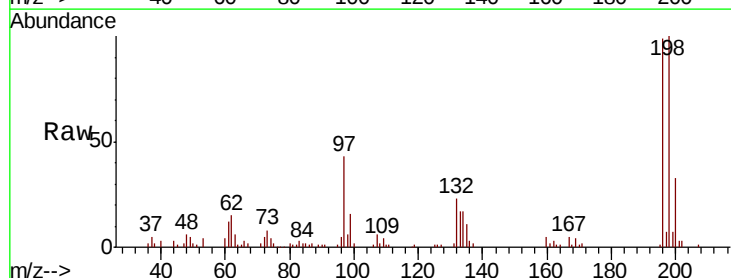
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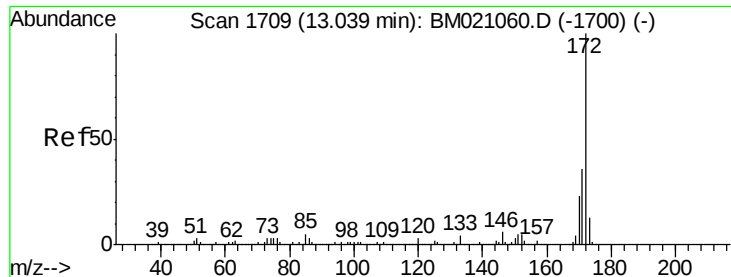
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#44
 2,4,5-Trichlorophenol
 Concen: 6.978 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128137		
198	100.8	78.2	117.4	
97	43.4	34.1	51.1	
132	23.1	19.2	28.8	





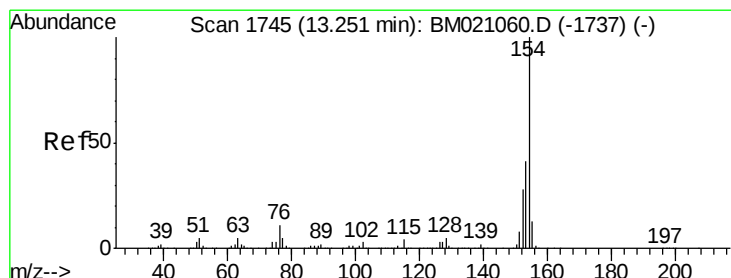
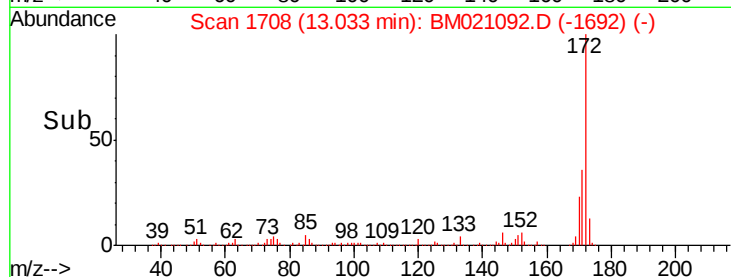
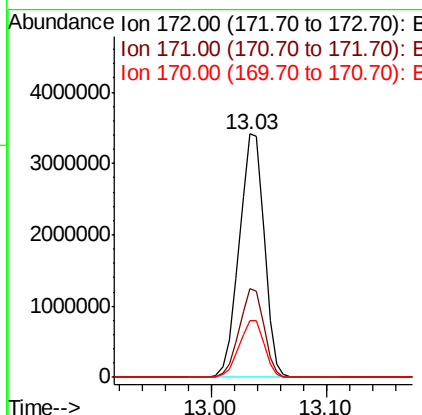
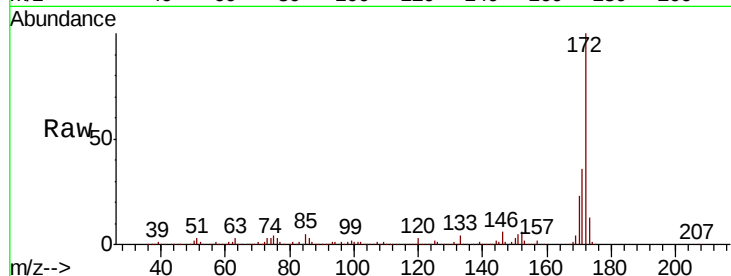
#45
2-Fluorobiphenyl
Concen: 88.950 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.3	18.7	28.1

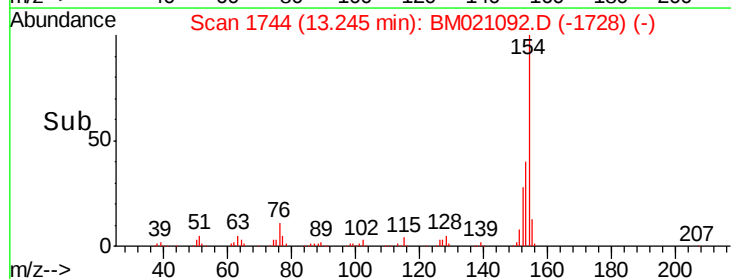
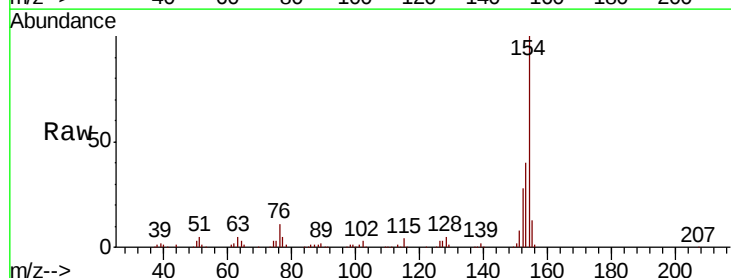
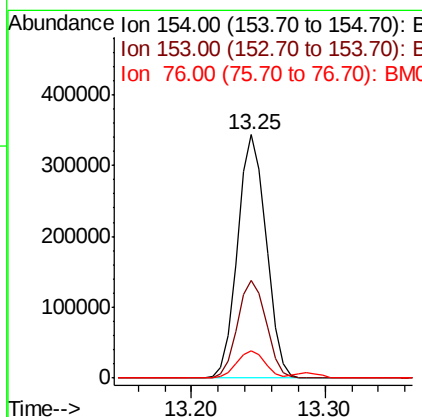
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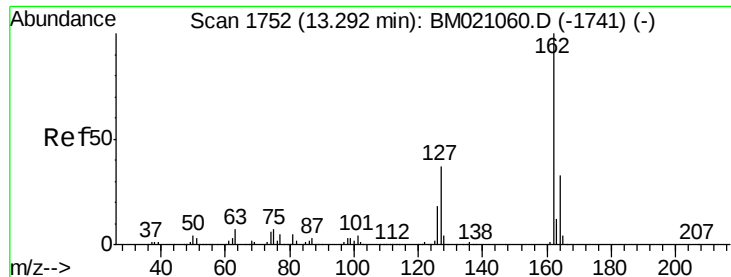
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#46
1,1'-Biphenyl
Concen: 8.395 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	11.2	0.0	30.9





#47

2-Chloronaphthalene

Concen: 7.518 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

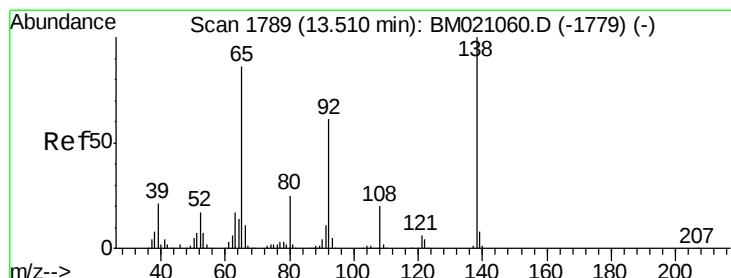
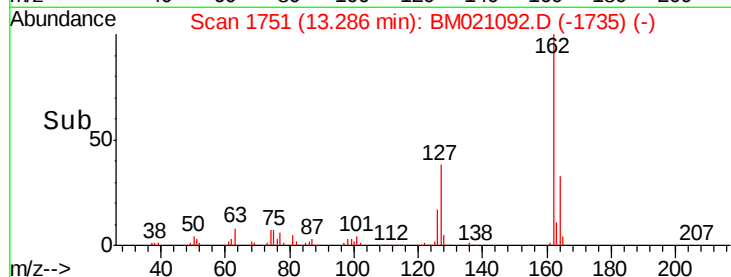
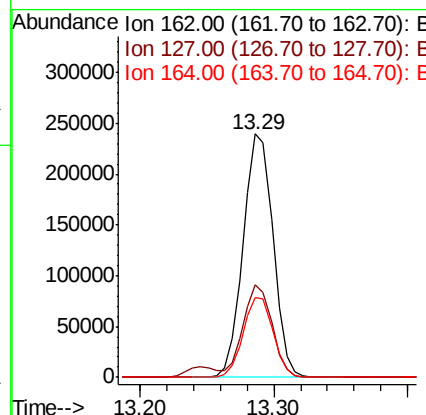
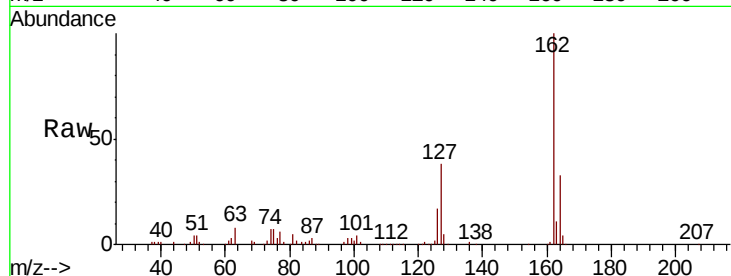
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	162	Resp:	370051
Ion Ratio	Lower	Upper	
162	100		
127	38.0	29.4	44.2
164	33.0	26.5	39.7

Manual Integrations
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#48

2-Nitroaniline

Concen: 6.367 ng

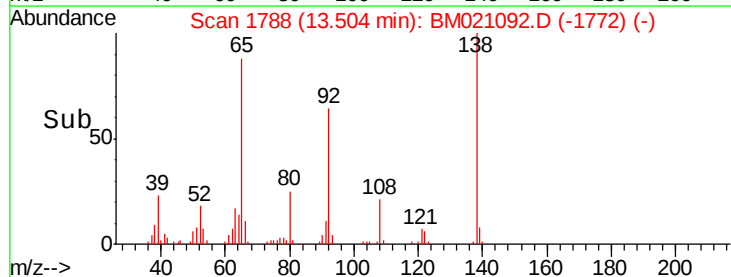
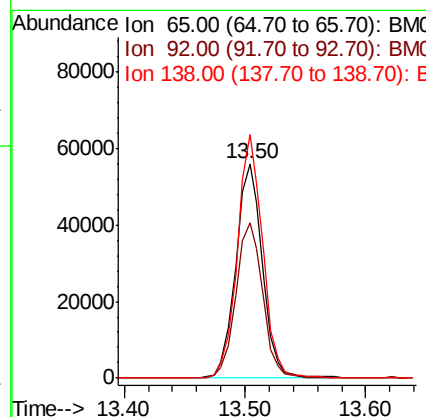
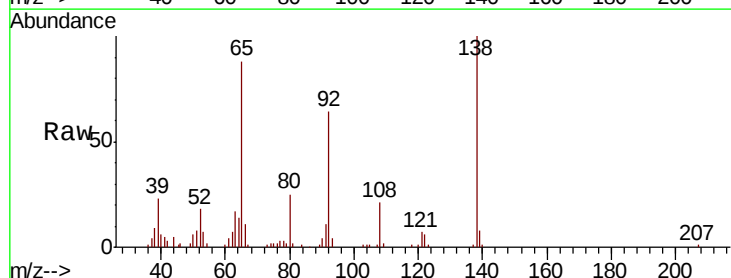
RT: 13.50 min Scan# 1788

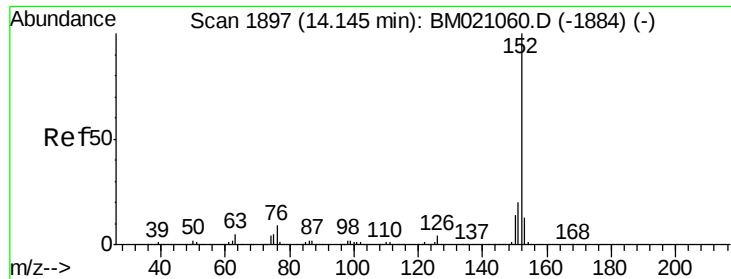
Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion:	65	Resp:	85732
Ion Ratio	Lower	Upper	
65	100		
92	72.4	56.3	84.5
138	113.7	92.6	139.0





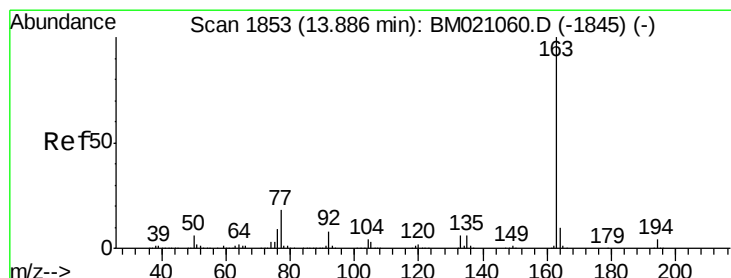
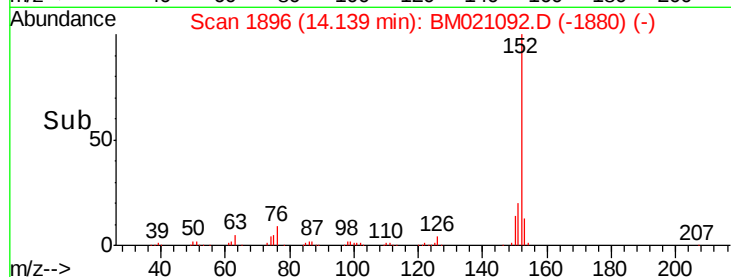
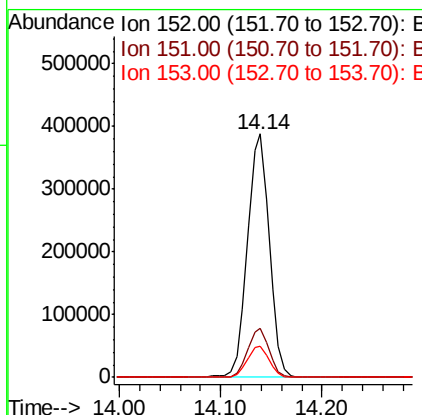
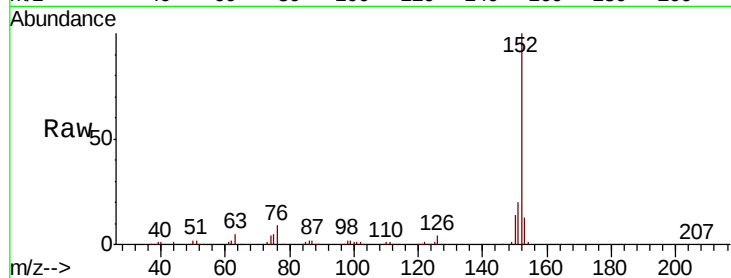
#49
Acenaphthylene
Concen: 7.756 ng
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	13.0	10.6	16.0

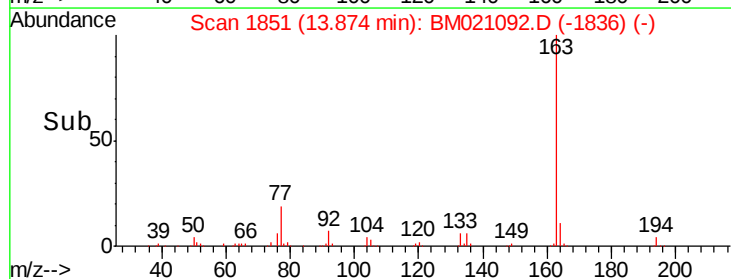
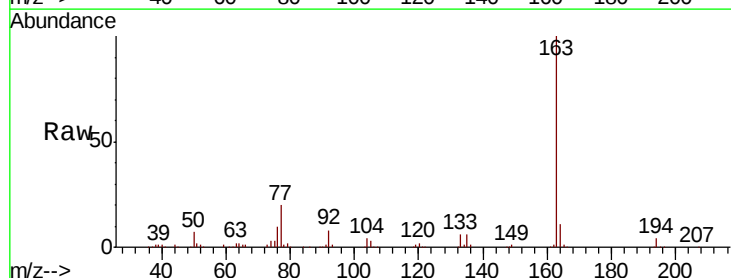
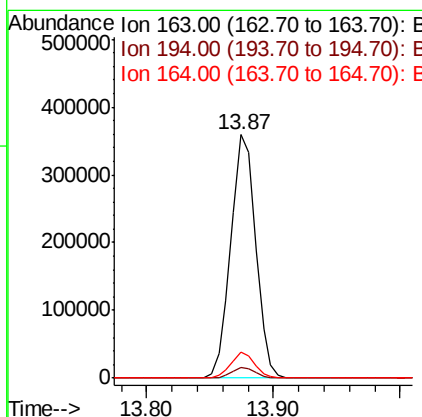
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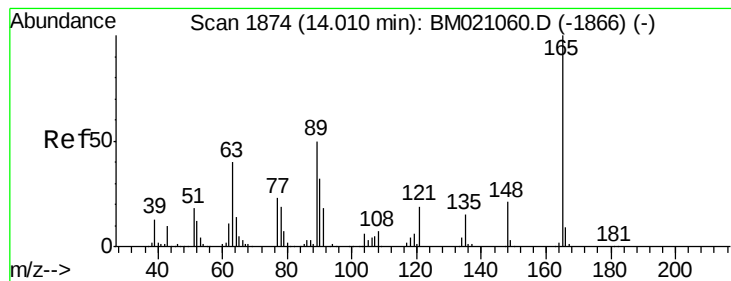
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#50
Dimethylphthalate
Concen: 7.760 ng
RT: 13.87 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.6	8.2	12.2





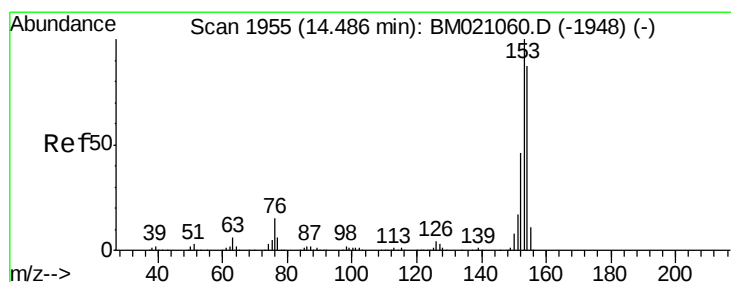
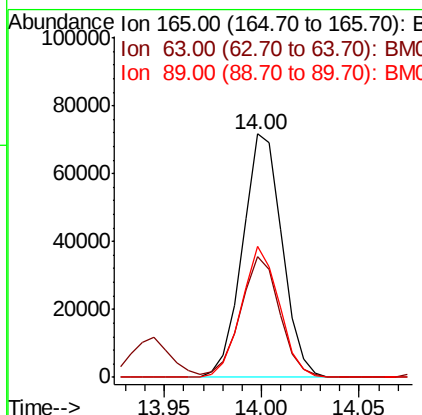
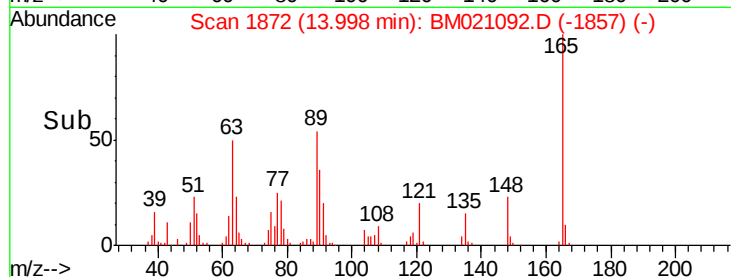
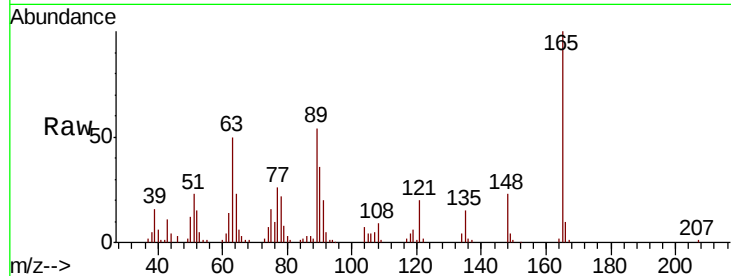
#51
 2,6-Dinitrotoluene
 Concen: 7.421 ng
 RT: 14.00 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	100501		
63	49.8		37.8	56.6
89	53.6		39.7	59.5

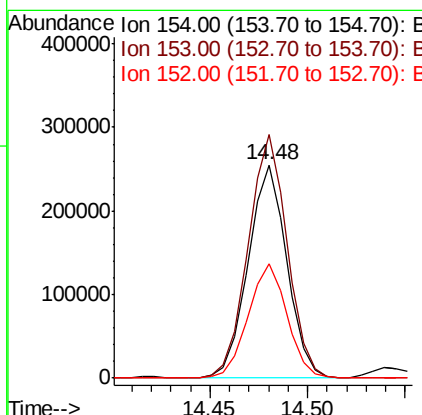
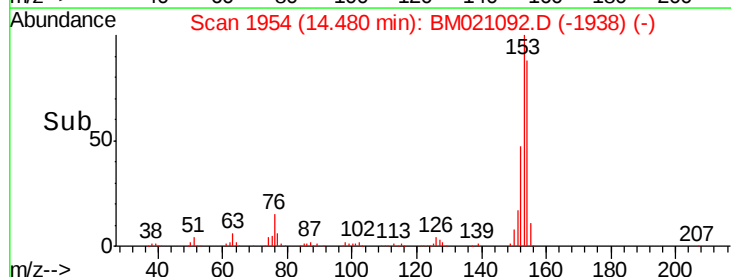
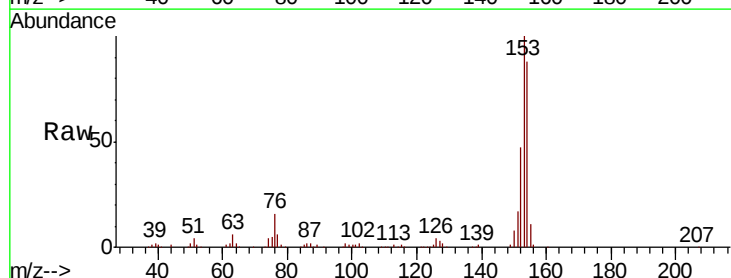
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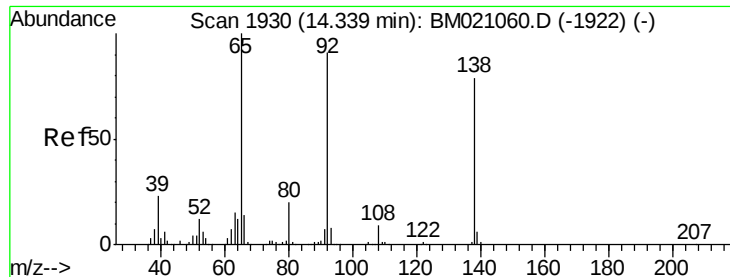
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#52
 Acenaphthene
 Concen: 7.732 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM021092.D
 Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	349407		
153	114.3		91.5	137.3
152	53.9		42.3	63.5





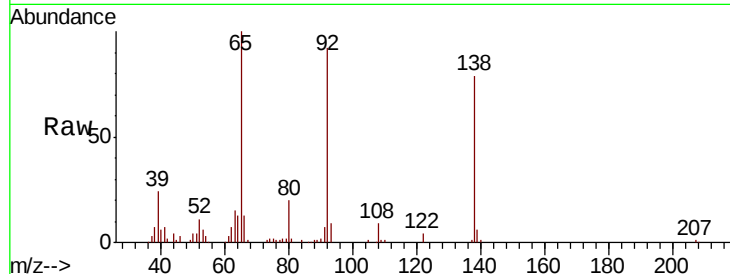
#53
3-Nitroaniline
Concen: 6.460 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

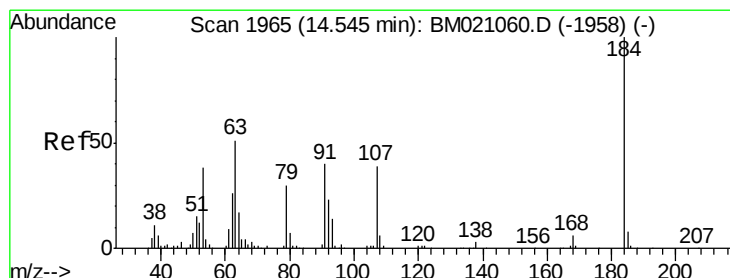
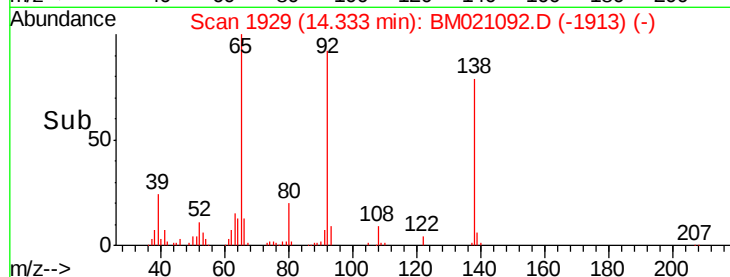
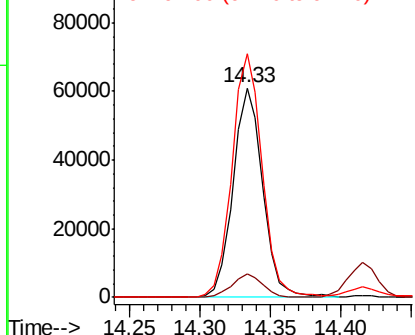
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	116.1	92.2	138.2

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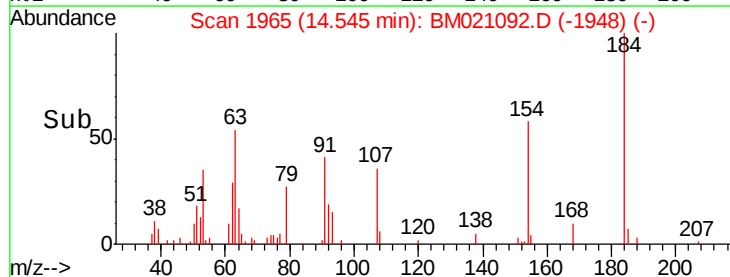
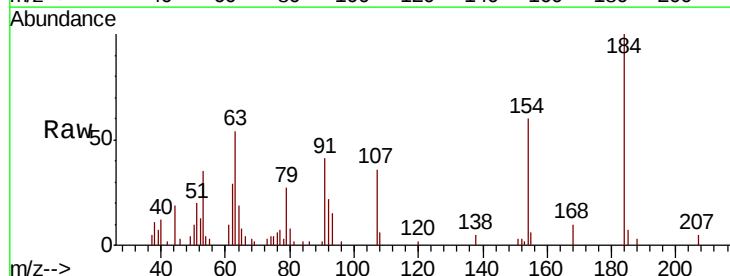
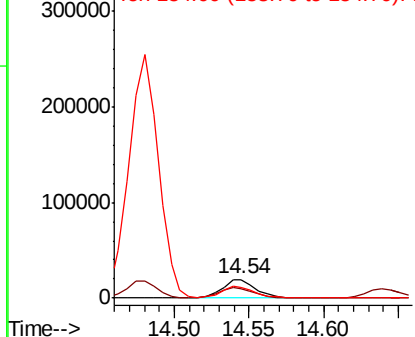
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

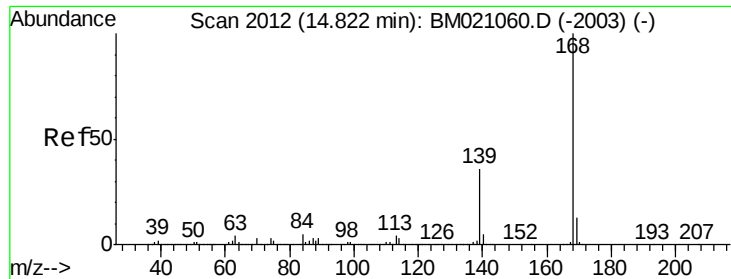


#54
2,4-Dinitrophenol
Concen: 4.217 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.6	45.5	68.3
154	60.2	50.6	76.0

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





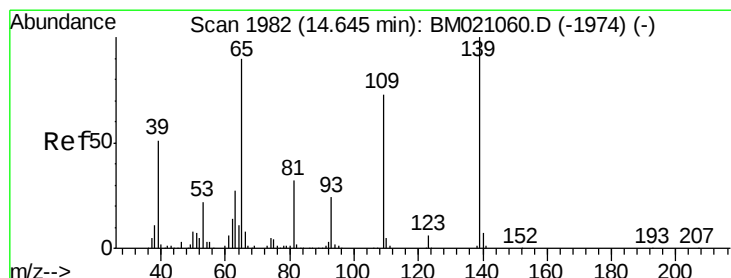
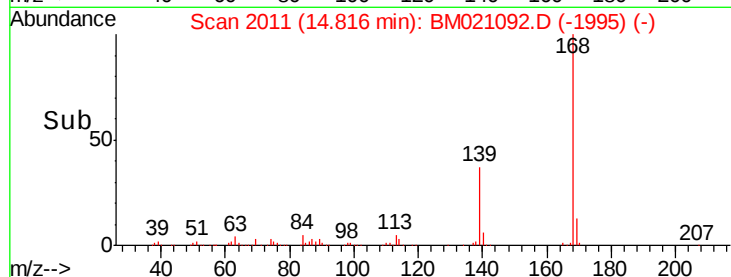
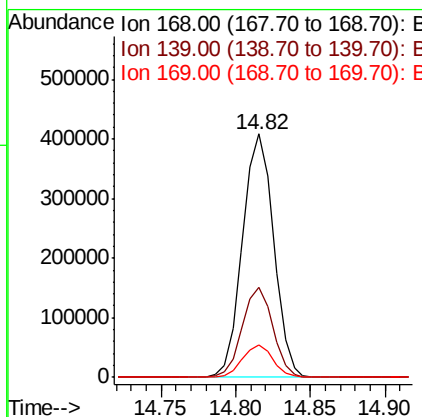
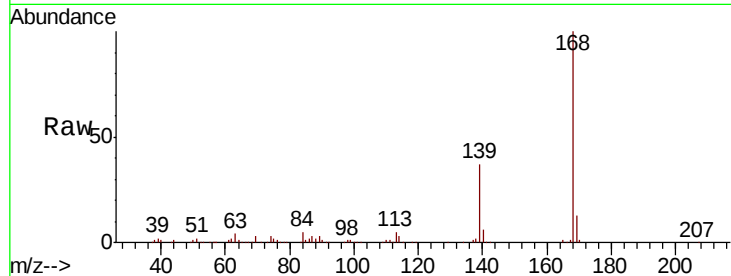
#55
Dibenzenofuran
Concen: 8.004 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.4	42.6
169	13.3	10.6	16.0

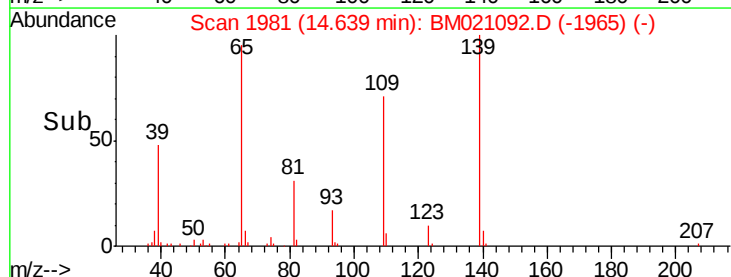
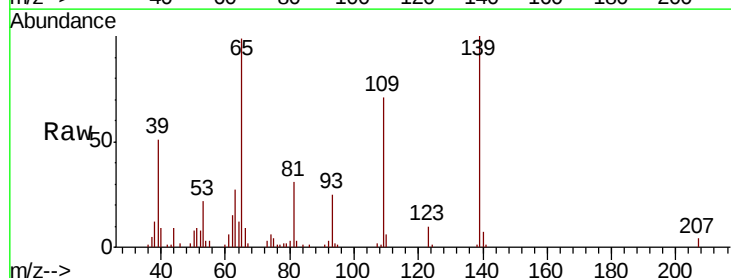
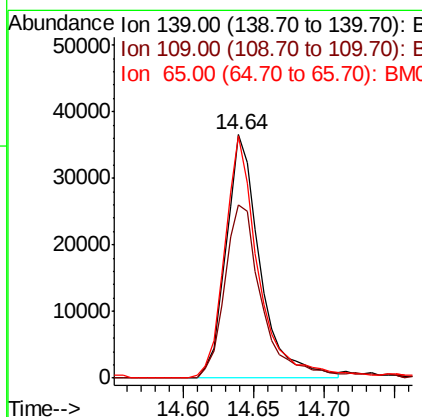
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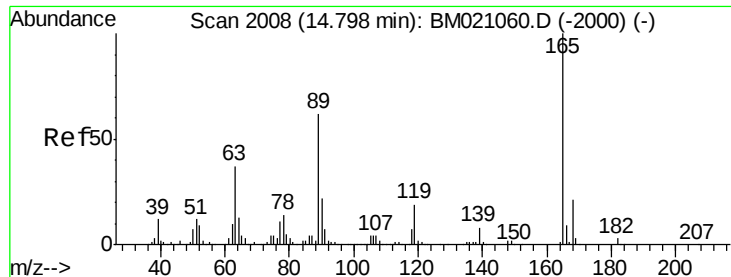
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#56
4-Nitrophenol
Concen: 5.803 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.0	53.3	93.3
65	99.5	70.3	110.3





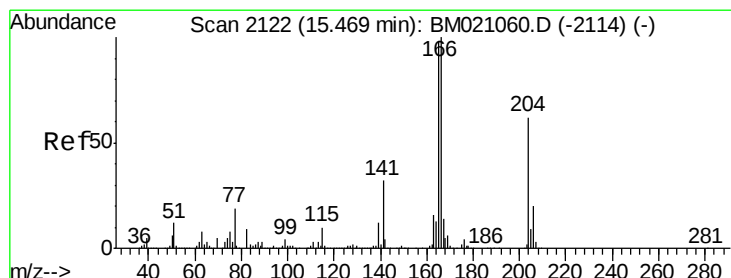
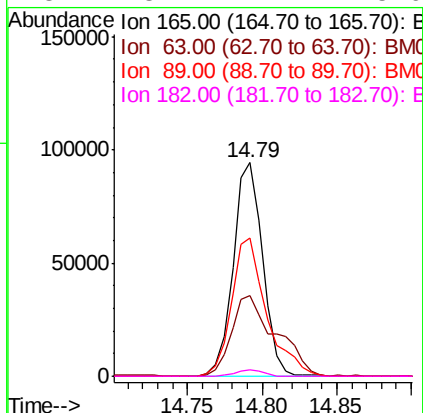
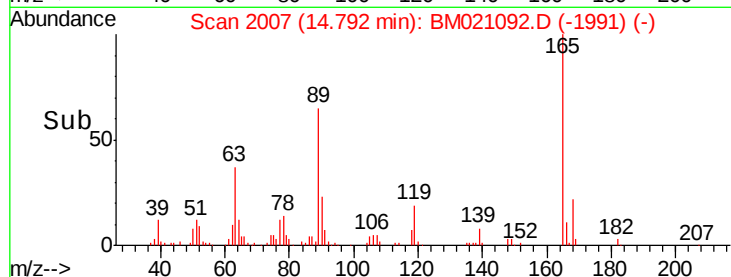
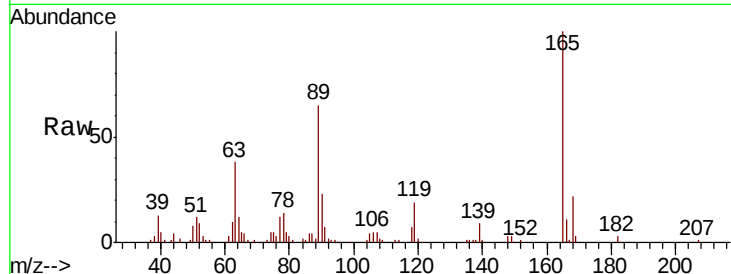
#57
2,4-Dinitrotoluene
Concen: 6.943 ng
RT: 14.79 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	129844		
63	37.9	29.6	44.4	
89	64.6	49.5	74.3	
182	3.2	2.4	3.6	

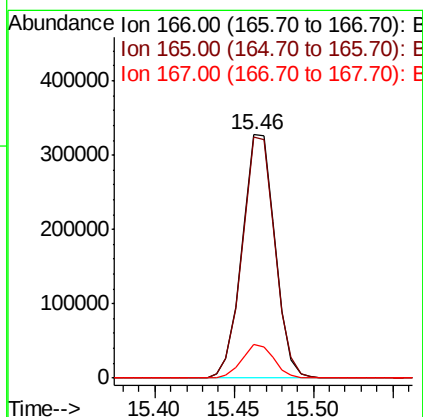
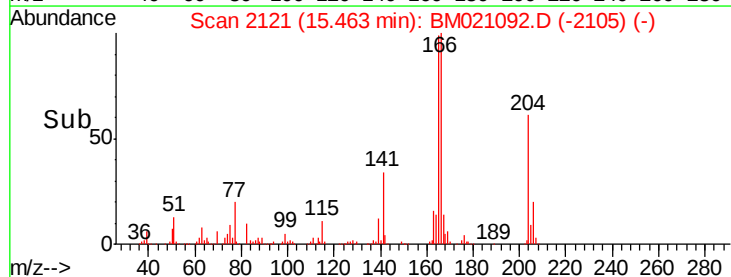
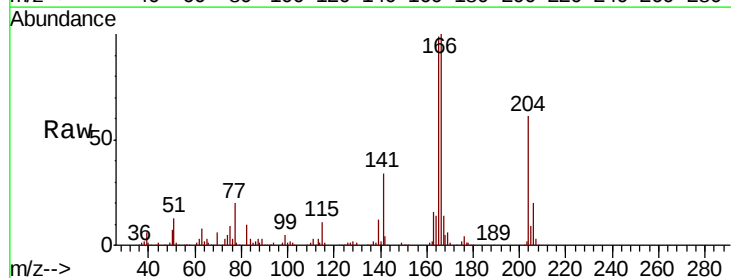
Manual Integrations
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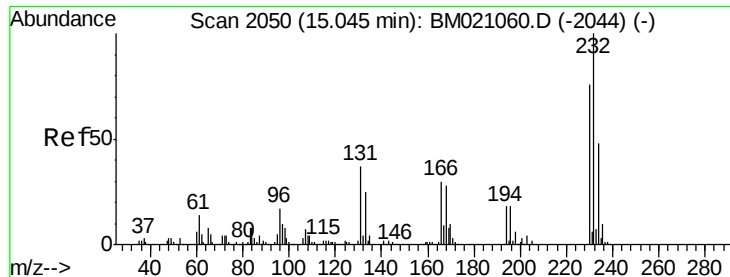
mohammad
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#58
Fluorene
Concen: 7.800 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	469847		
165	99.1	78.6	117.8	
167	13.8	10.9	16.3	





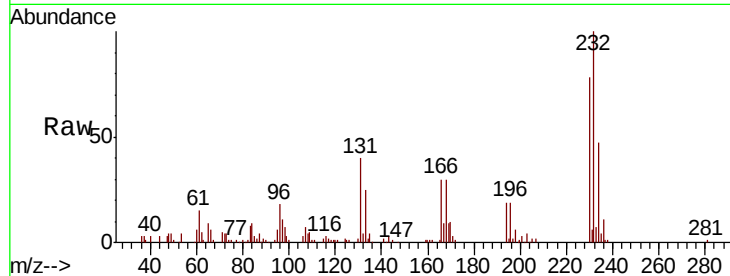
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.513 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

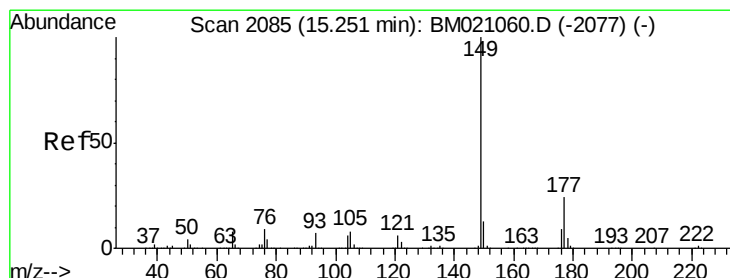
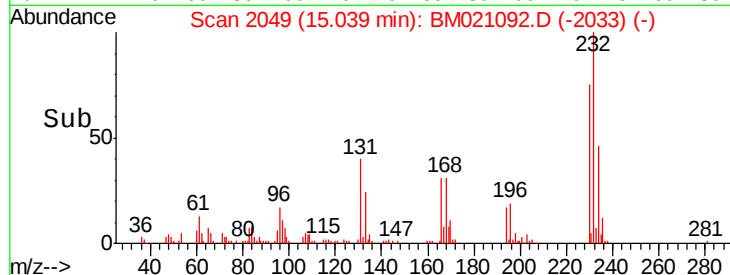
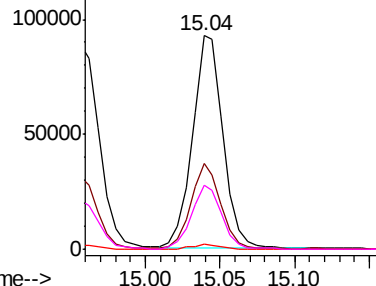
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.1	30.6	46.0
130	2.0	1.7	2.5
166	30.4	23.4	35.0

Manual Integrations
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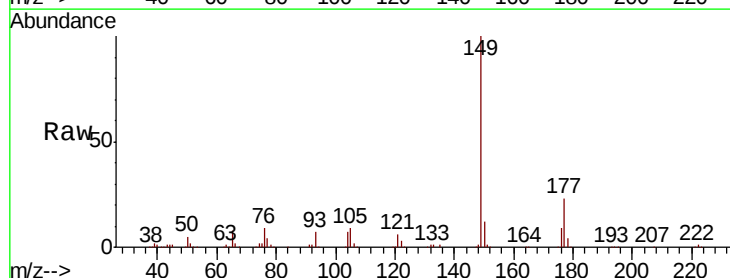


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

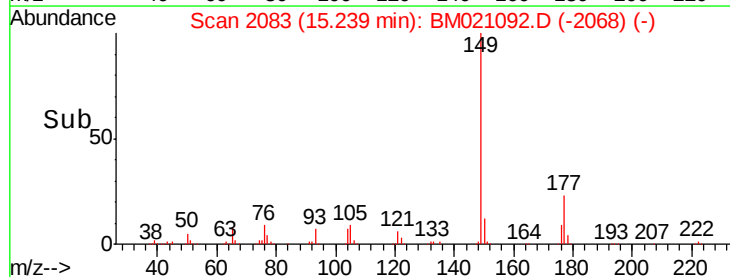
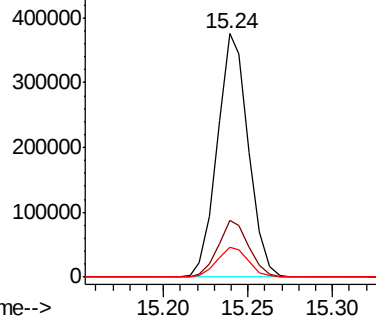


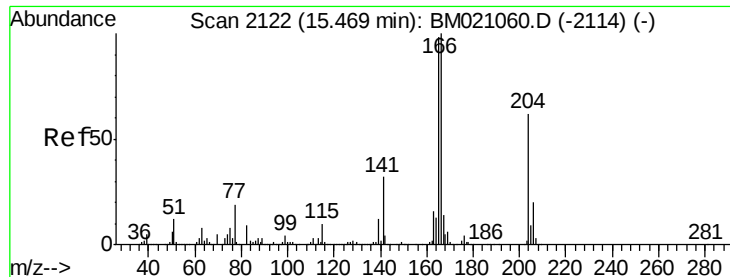
#60
Diethylphthalate
Concen: 7.746 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.1	28.7
150	12.4	10.1	15.1



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





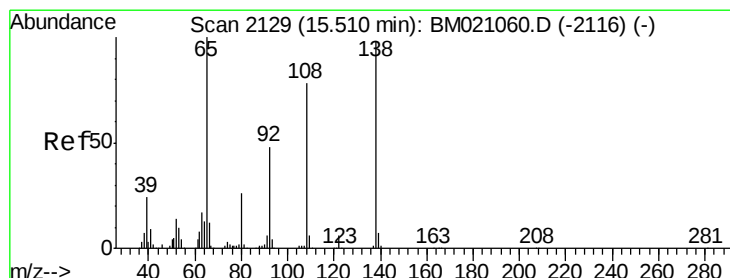
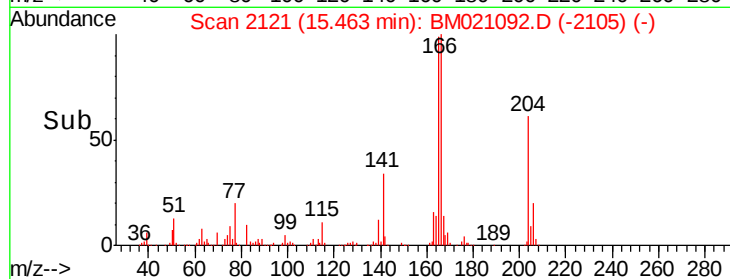
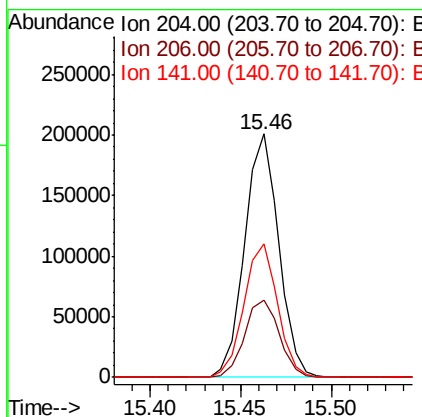
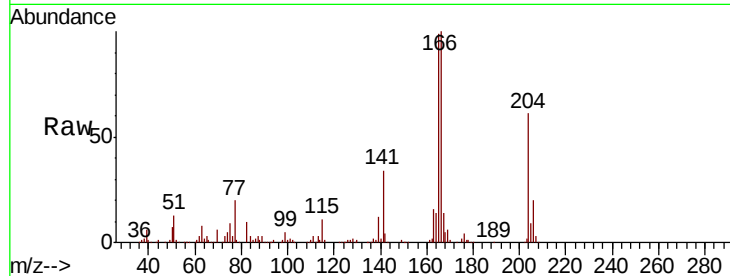
#61
4-Chlorophenyl-phenylether
Concen: 7.688 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	261627		
206	32.0	26.1	39.1	
141	54.8	40.7	61.1	

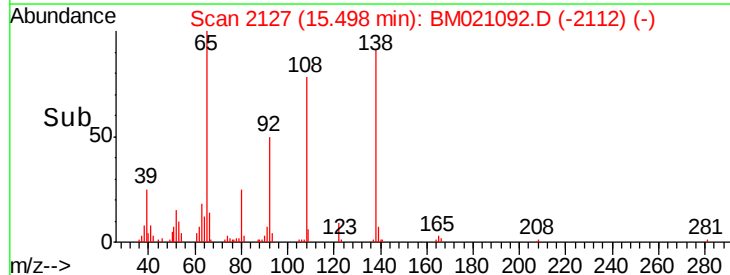
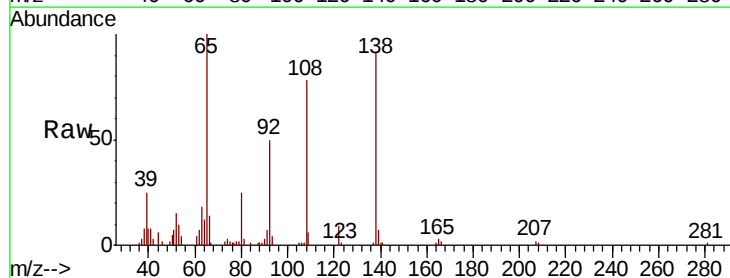
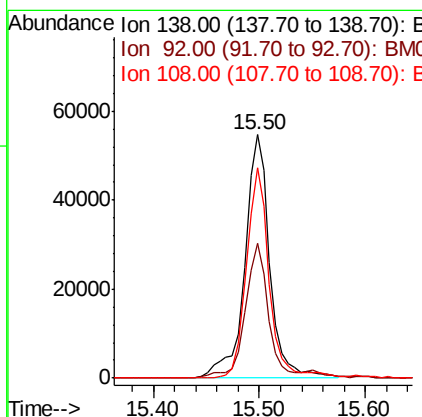
Manual Integrations
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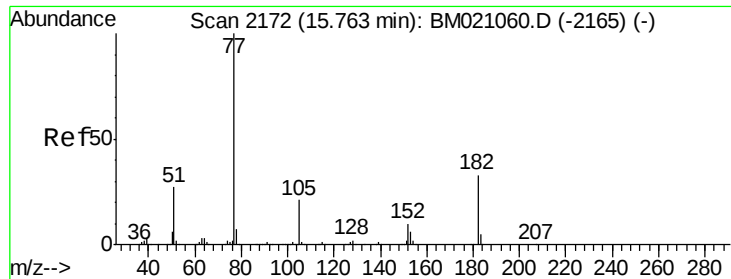
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#62
4-Nitroaniline
Concen: 6.244 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	90485		
92	55.1	29.1	69.1	
108	86.6	59.2	99.2	





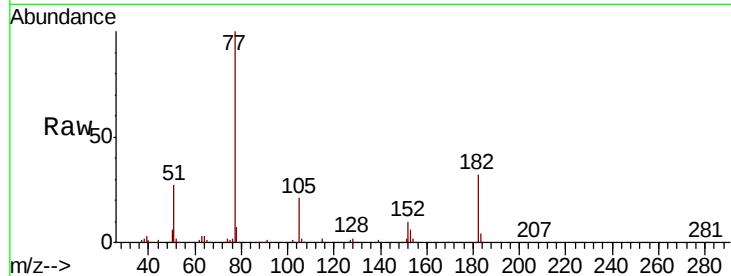
#63
Azobenzene
Concen: 7.810 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.5	12.6	52.6	
105	20.8	1.1	41.1	
51	26.5	6.9	46.9	

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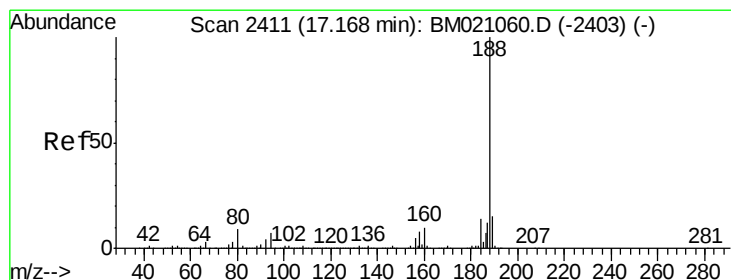
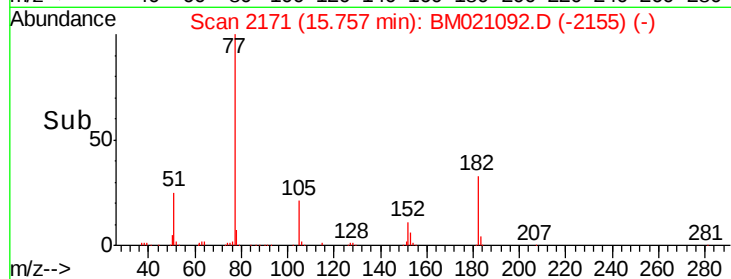
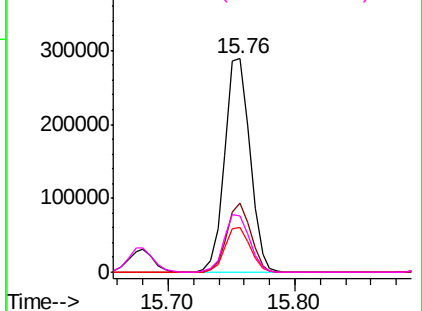


Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-2165) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM021060.D (-2165) (-)



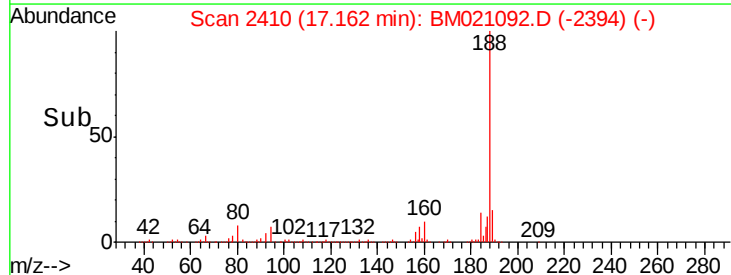
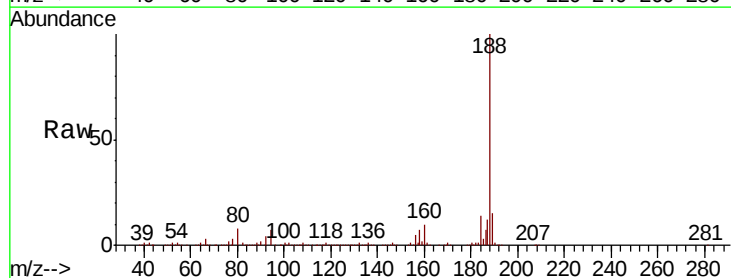
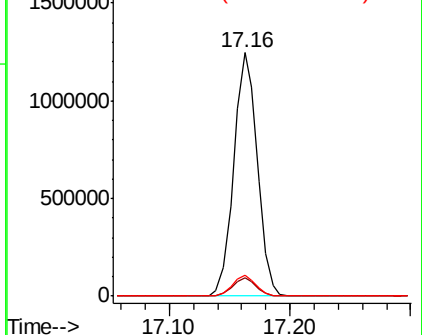
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

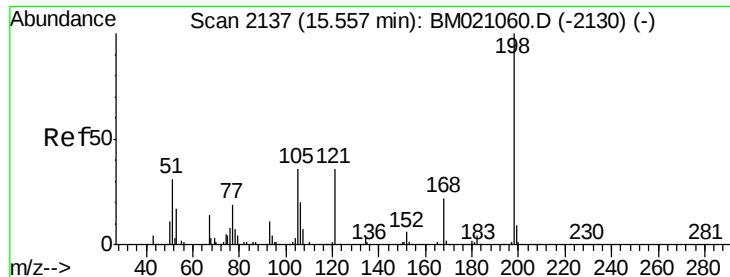
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.4	5.8	8.8	
80	8.3	6.9	10.3	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM021060.D (-2403) (-)

Ion 80.00 (79.70 to 80.70): BM021060.D (-2403) (-)





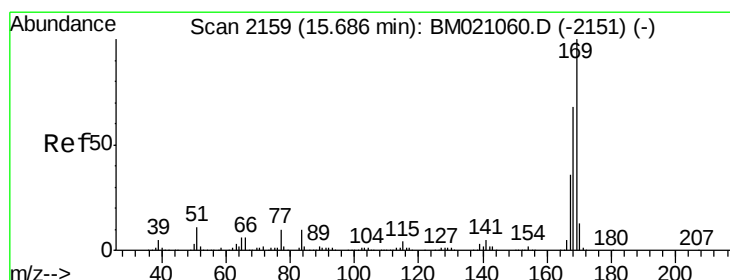
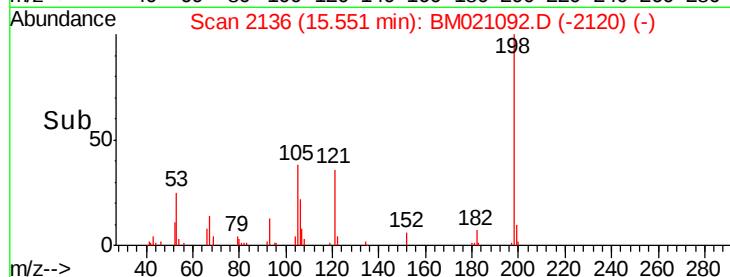
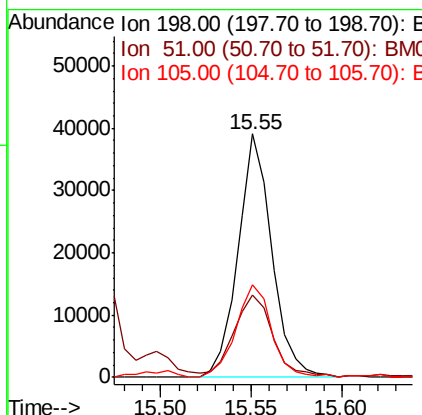
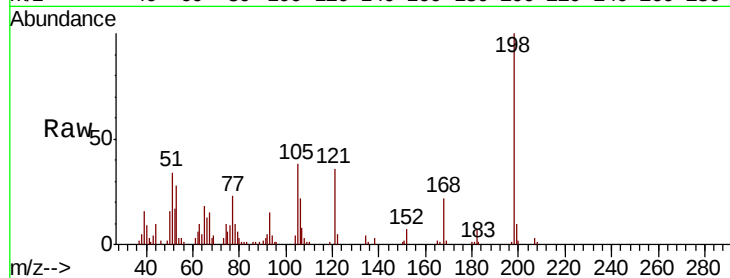
#65
4,6-Dinitro-2-methylphenol
Concen: 4.831 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	50548		
51	33.7		15.3	55.3
105	37.9		16.8	56.8

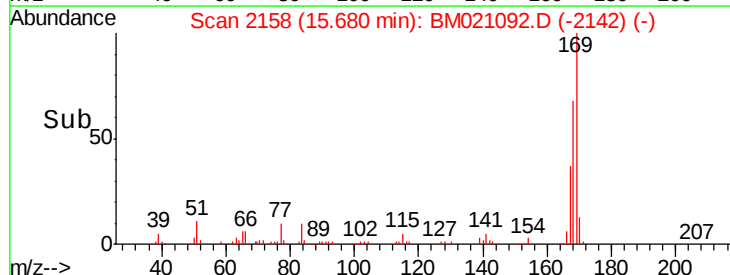
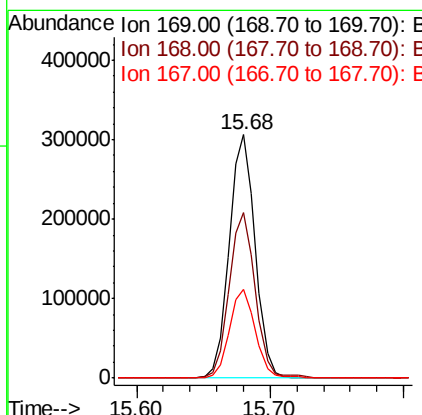
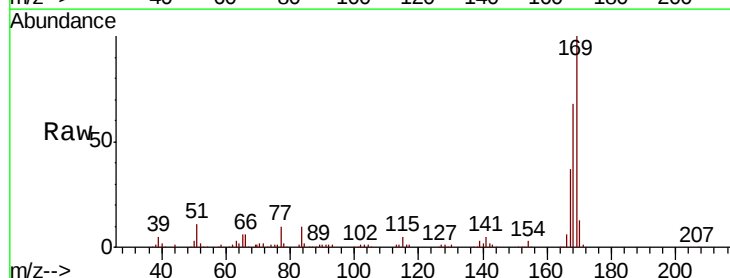
Manual Integrations
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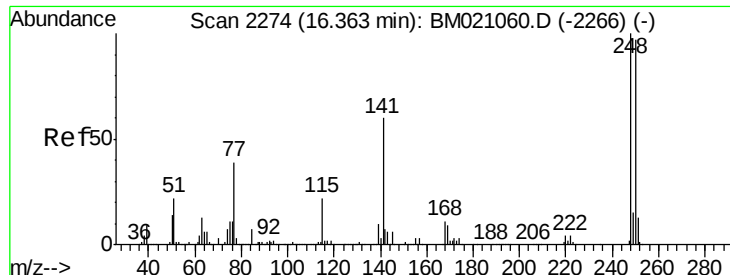
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 7.752 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	414647		
168	68.1		54.5	81.7
167	36.7		29.0	43.6





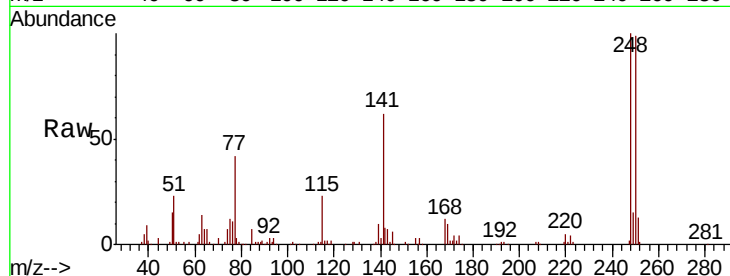
#67
4-Bromophenyl-phenylether
Concen: 7.263 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.5	116.3
141	62.4	47.8	71.6

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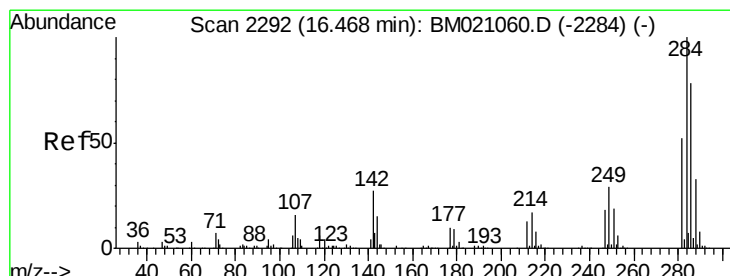
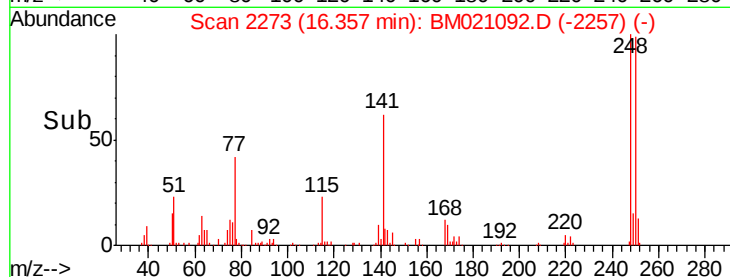
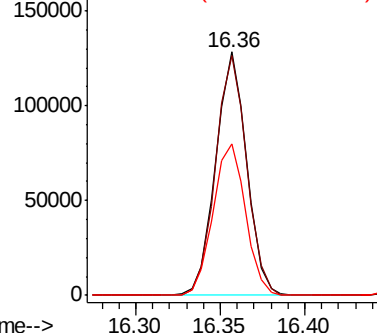


Abundance

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: 7.275 ng
RT: 16.46 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

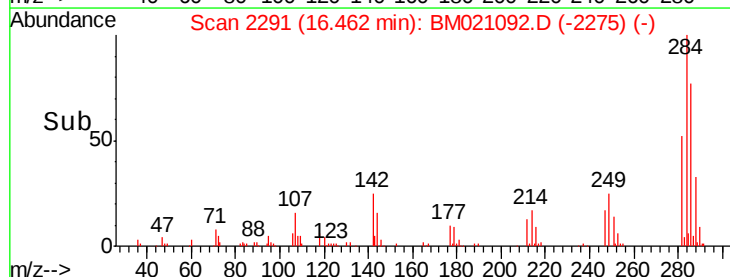
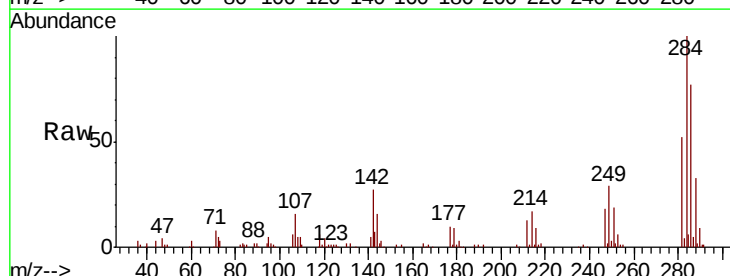
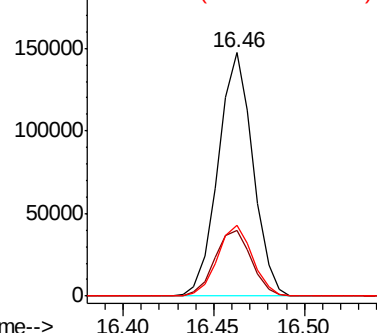
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	21.2	31.8
249	29.1	23.4	35.0

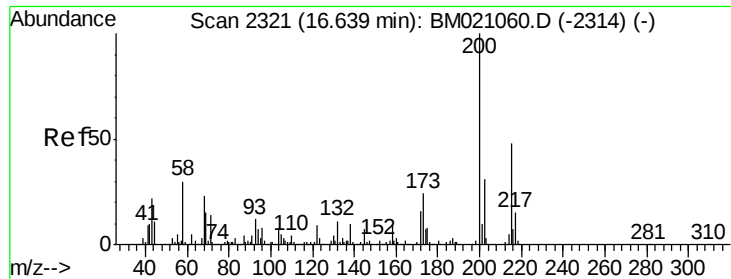
Abundance

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





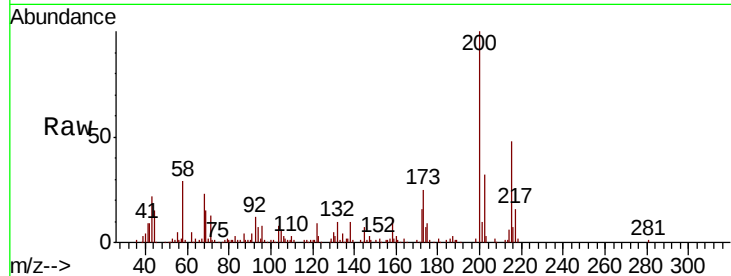
#69
Atrazine
Concen: 7.885 ng
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	137163		
173	25.3	4.3	44.3	
215	48.2	28.2	68.2	

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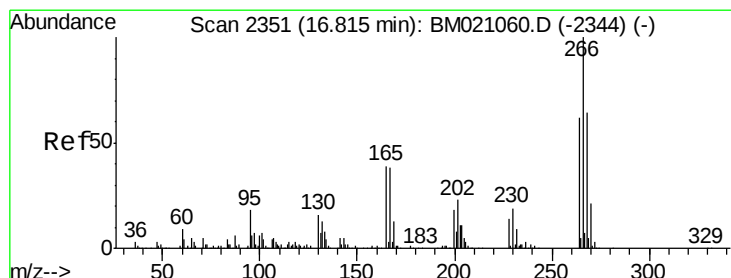
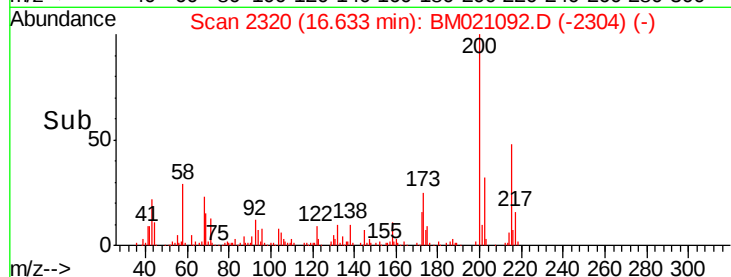
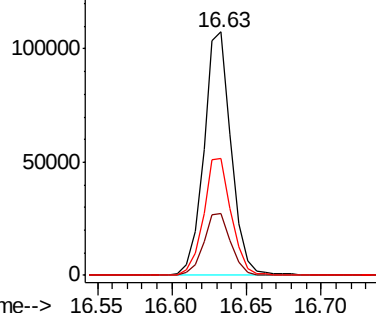


Abundance

Ion 200.00 (199.70 to 200.70): E

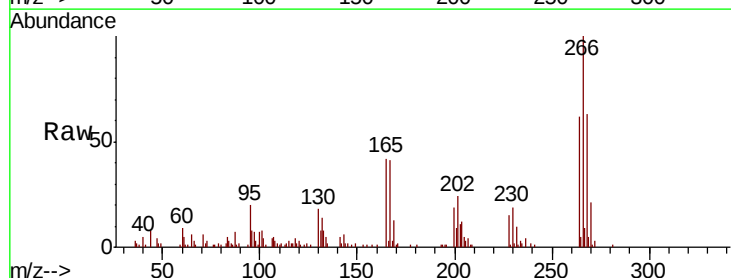
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 6.046 ng
RT: 16.81 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	87922		
268	63.2	51.0	76.4	
264	61.5	49.9	74.9	

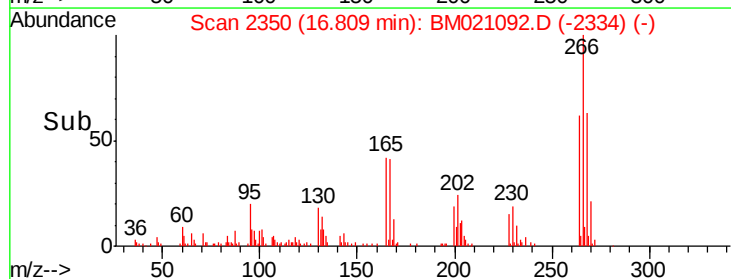
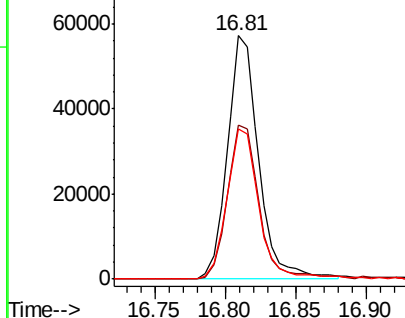


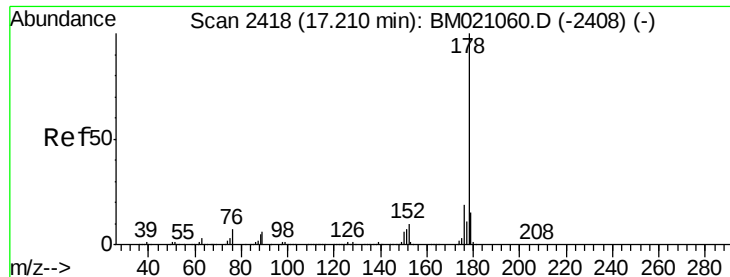
Abundance

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





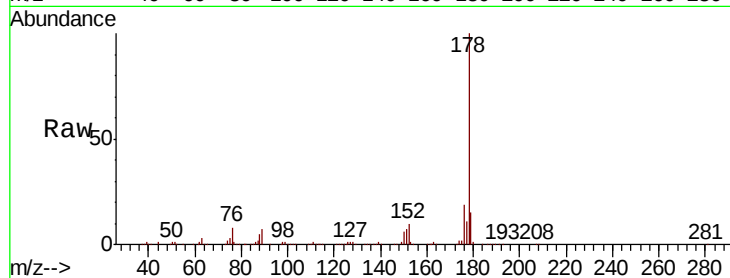
#71
Phenanthrene
Concen: 7.931 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

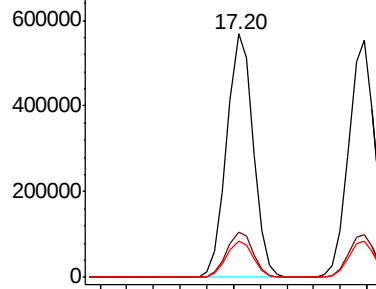
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.2	12.2	18.4

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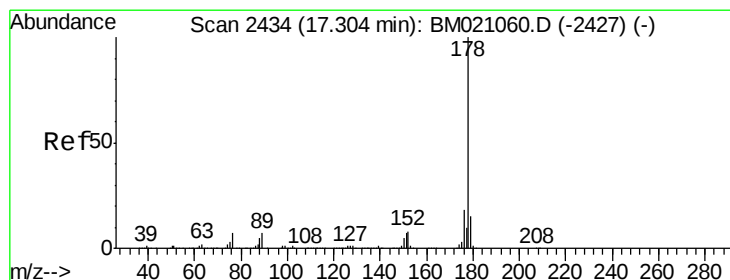
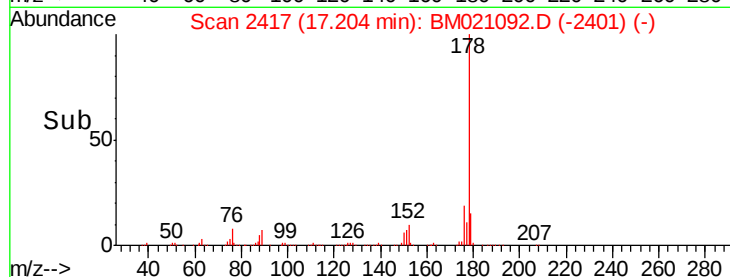
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



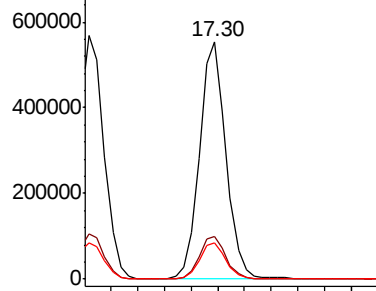
Time-->



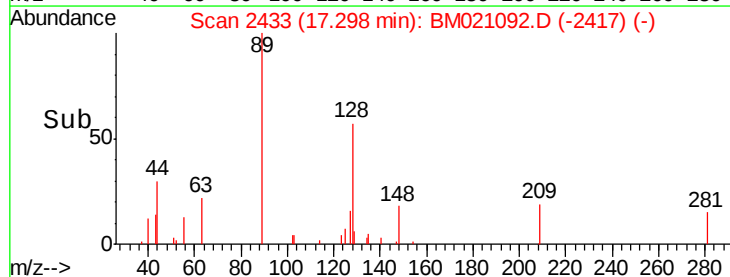
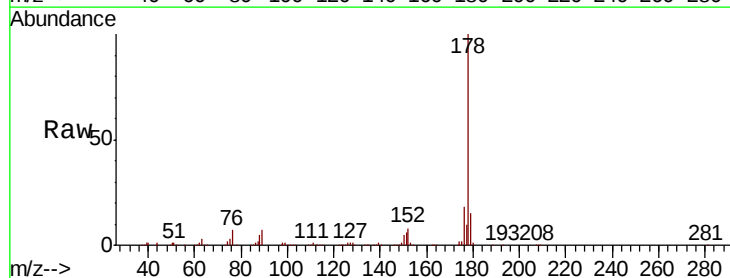
#72
Anthracene
Concen: 7.882 ng
RT: 17.30 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

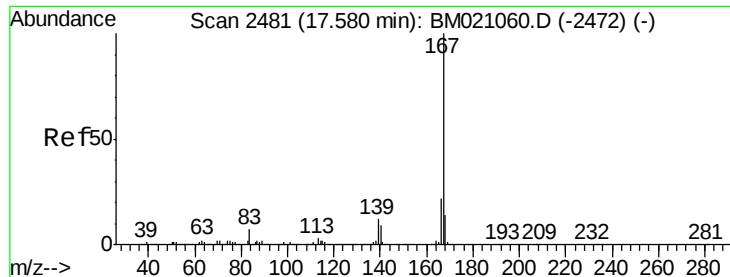
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.0	12.2	18.2

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



Time-->





#73

Carbazole

Concen: 7.601 ng

RT: 17.57 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

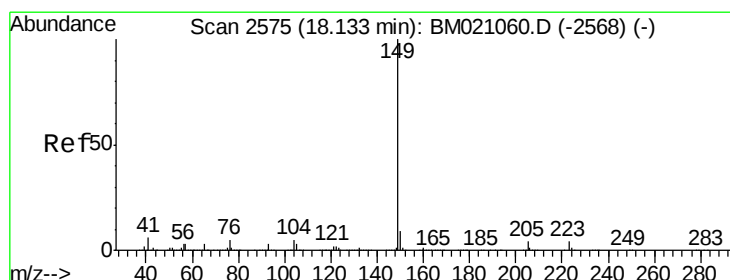
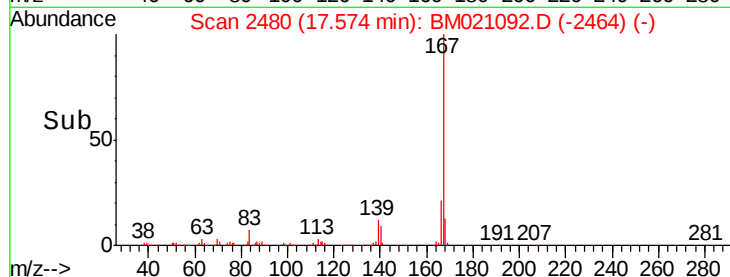
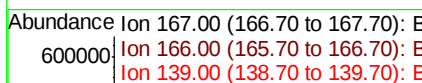
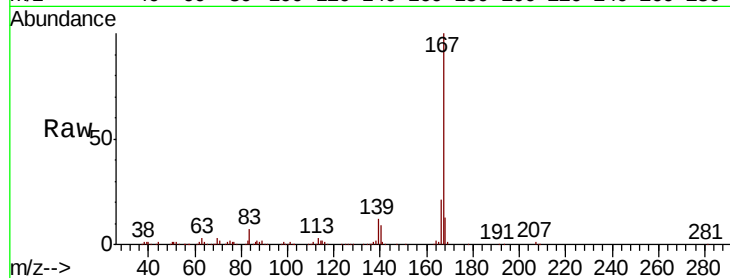
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	167	Resp:	651144
Ion Ratio	Lower	Upper	
167	100		
166	21.0	17.4	26.2
139	12.1	9.7	14.5

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 7.052 ng

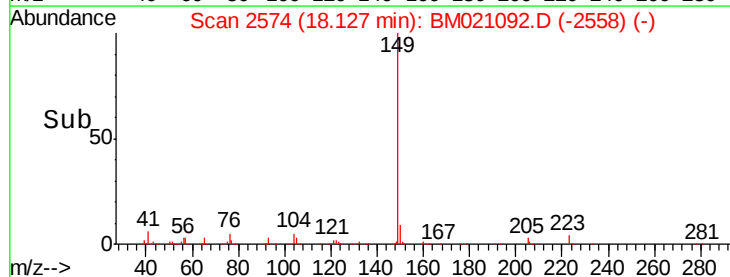
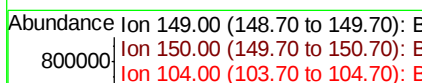
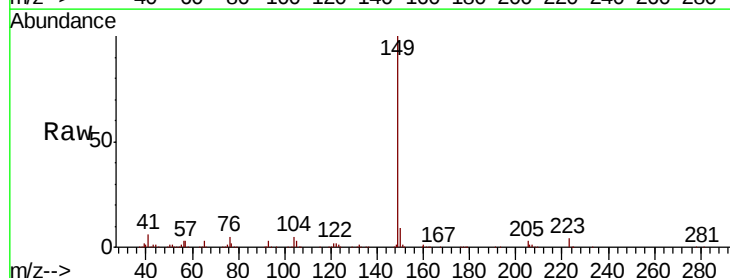
RT: 18.13 min Scan# 2574

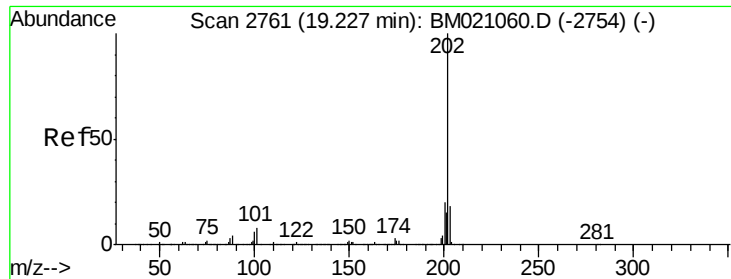
Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion:	149	Resp:	739493
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.0
104	4.9	3.8	5.8





#75

Fluoranthene

Concen: 7.677 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

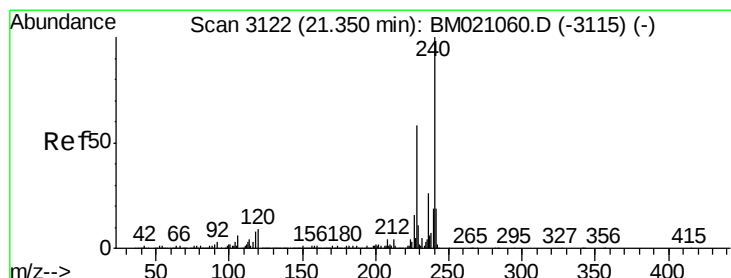
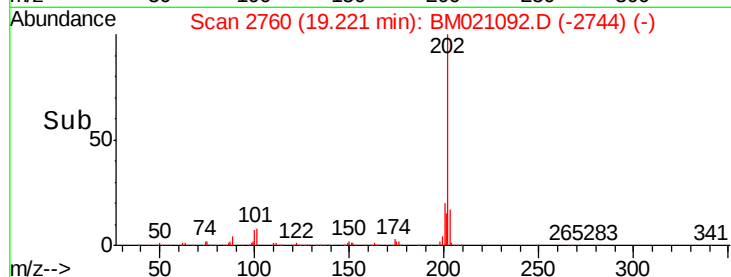
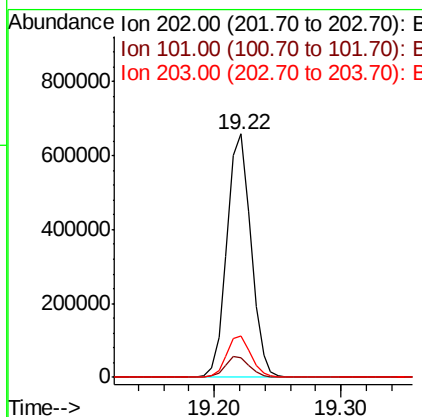
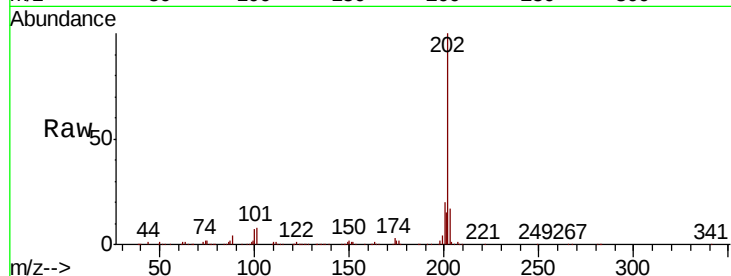
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
202	100	867077		
101	8.3	0.0	28.2	
203	16.8	0.0	37.6	

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#76

Chrysene-d12

Concen: 20.000 ng

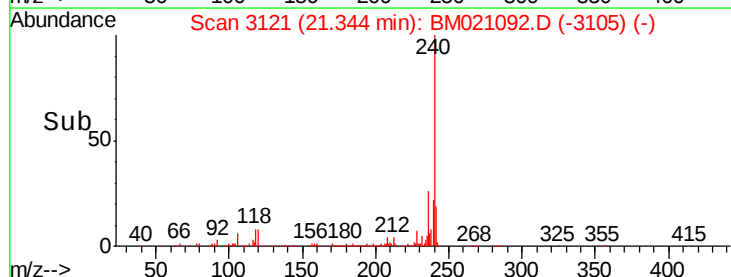
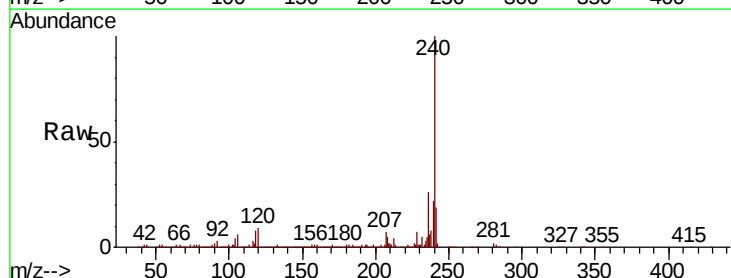
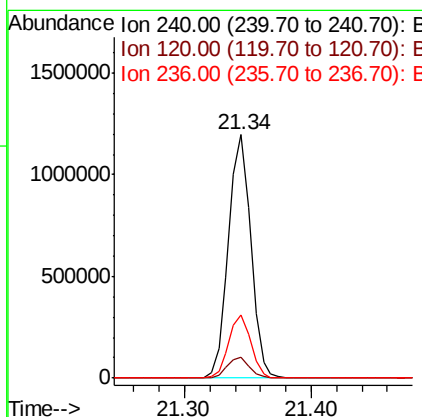
RT: 21.34 min Scan# 3121

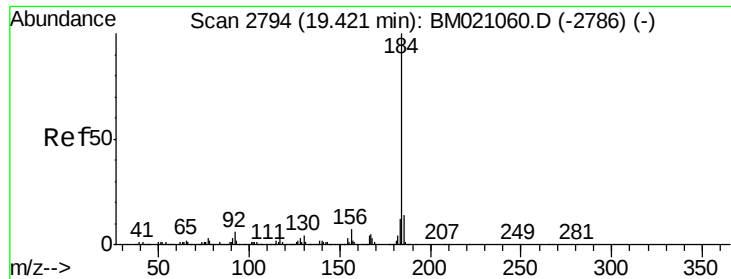
Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	1466771		
120	8.5	6.9	10.3	
236	26.0	20.4	30.6	





#77

Benzidine

Concen: 5.935 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

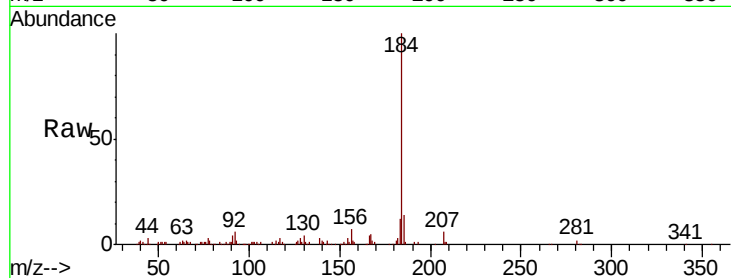
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

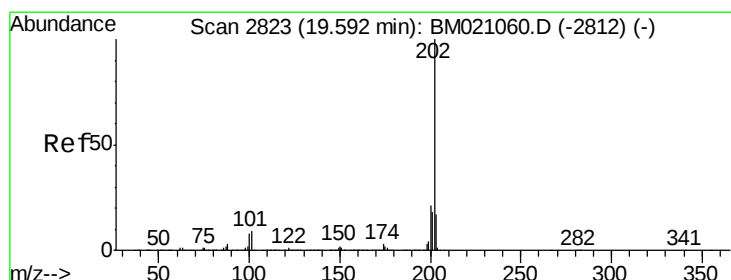
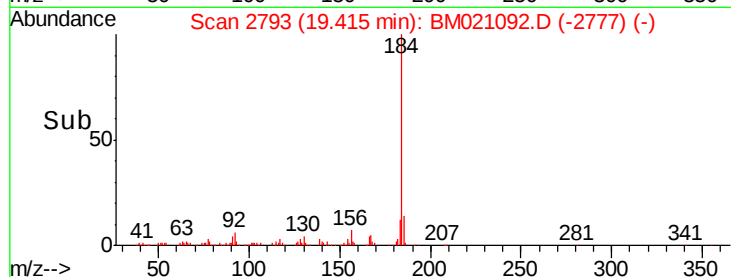
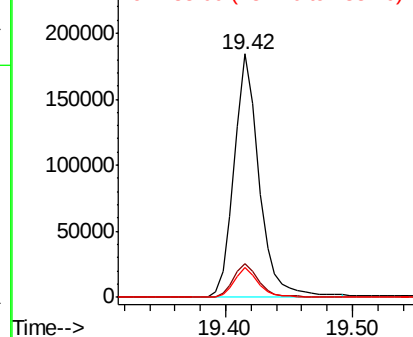
Tot Ion:	184	Resp:	252771
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.4	17.2
183	12.1	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.285 ng

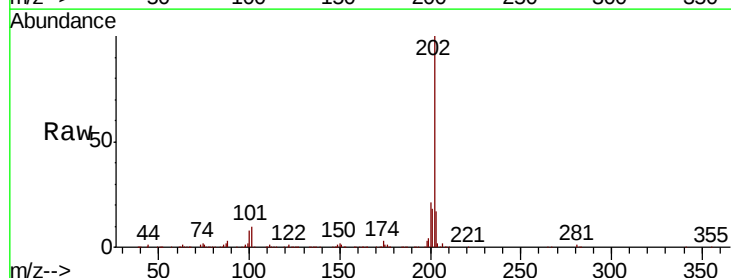
RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

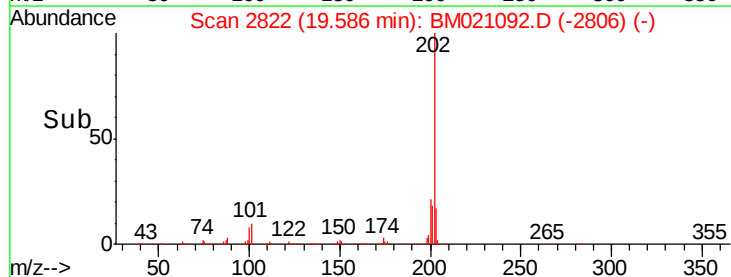
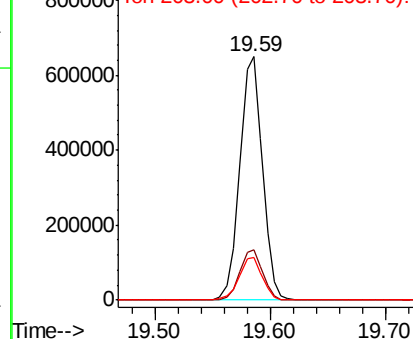
Lab File: BM021092.D

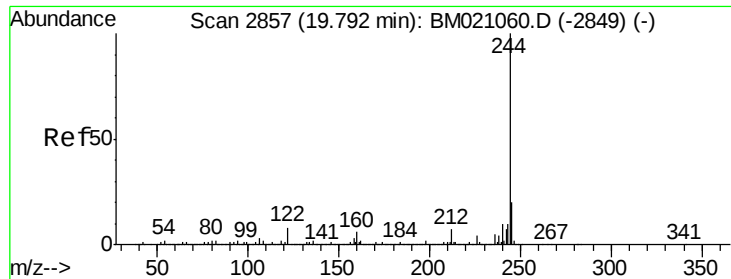
Acq: 22 Jun 2019 09:34

Tgt Ion:	202	Resp:	881283
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.4
203	17.3	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.742 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:244 Resp: 8382736

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

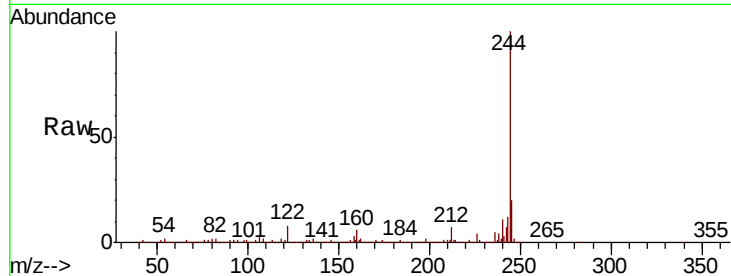
122 7.9 6.6 9.8

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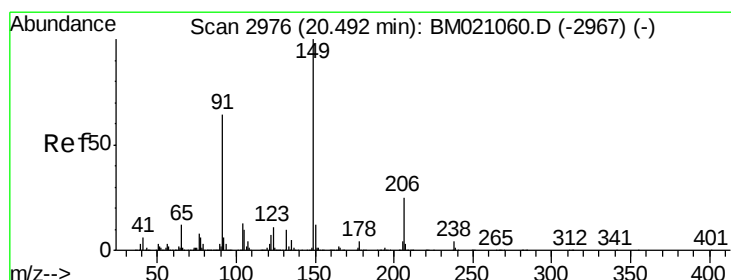
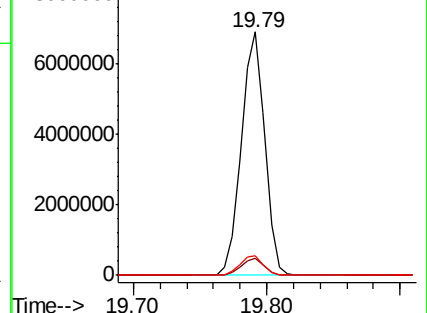
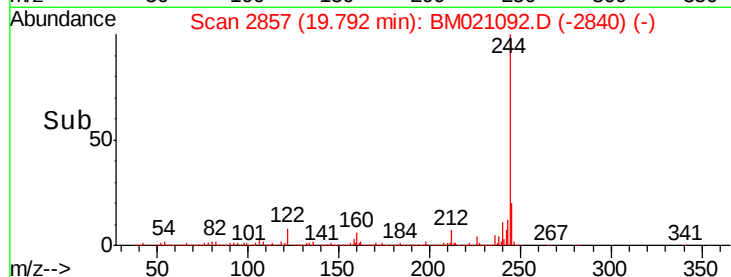
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.764 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

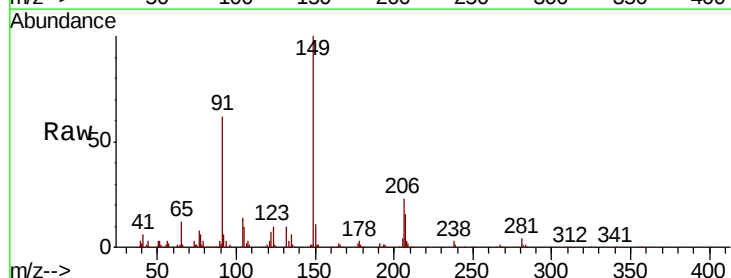
Tgt Ion:149 Resp: 286806

Ion Ratio Lower Upper

149 100

91 61.9 50.9 76.3

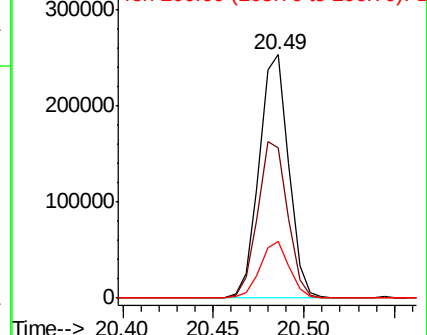
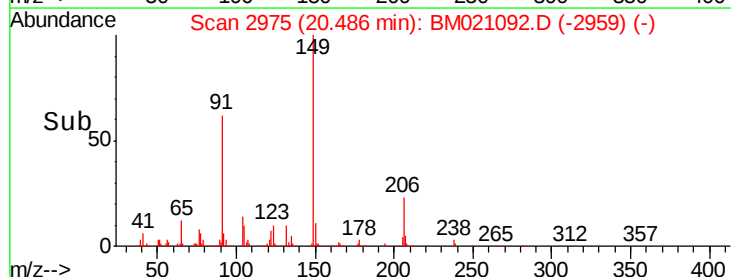
206 23.4 19.7 29.5

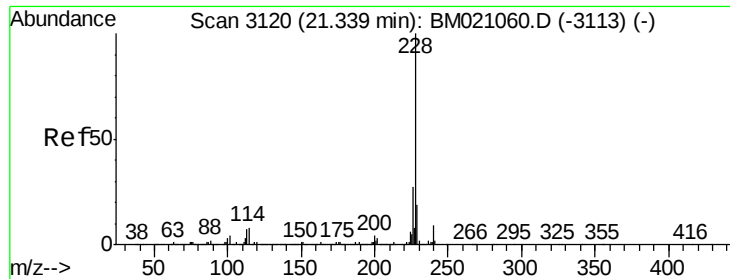


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





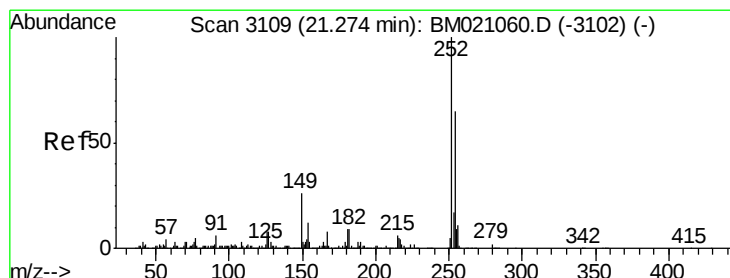
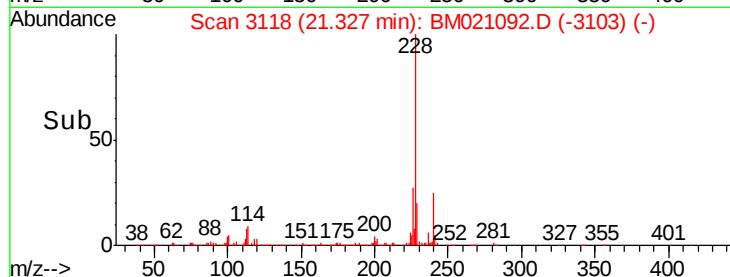
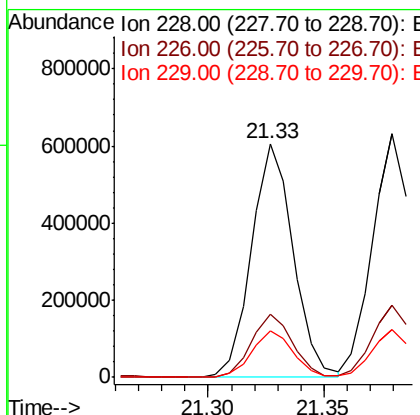
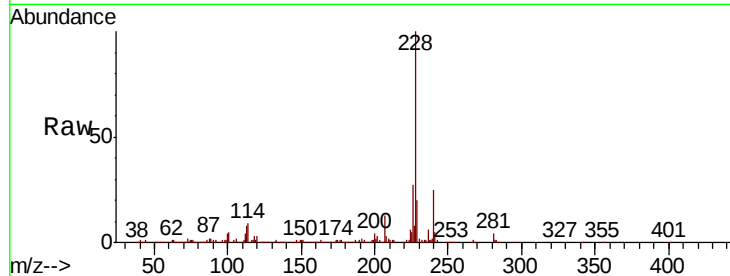
#81
Benzo(a)anthracene
Concen: 7.647 ng
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.8	15.5	23.3

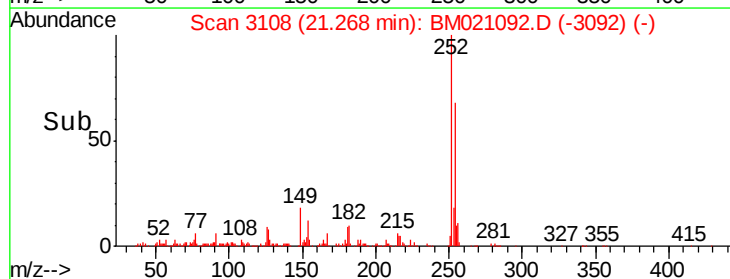
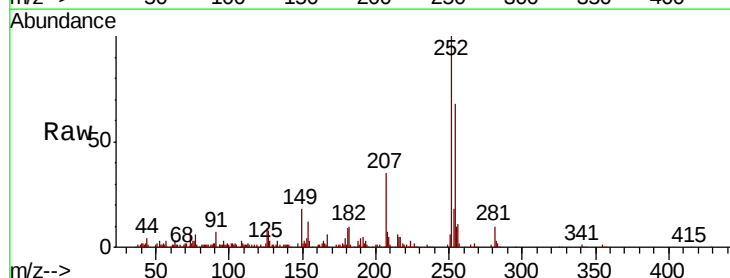
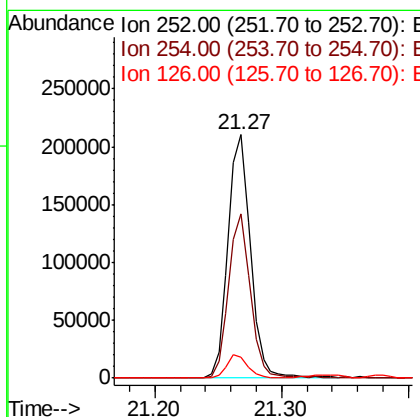
Manual Integrations
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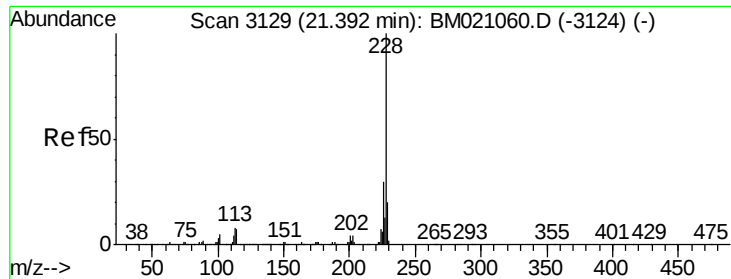
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 6.827 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.7	51.7	77.5
126	8.6	6.6	9.8





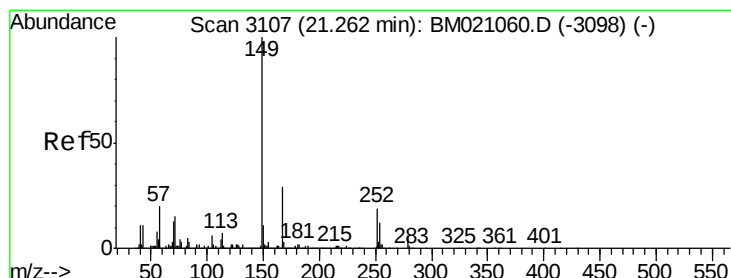
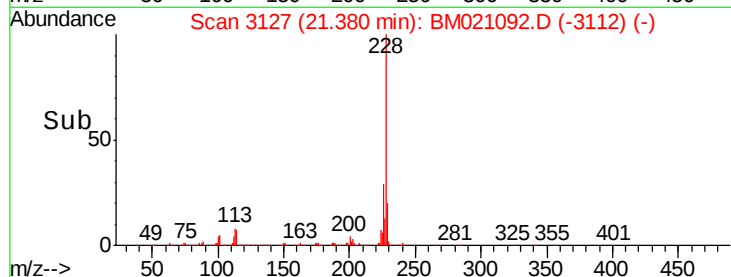
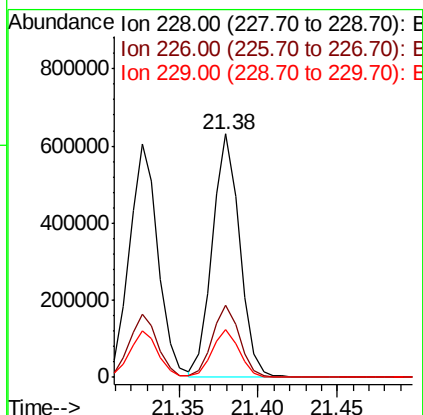
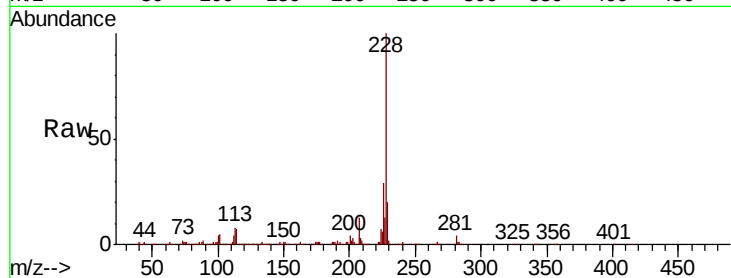
#83
Chrysene
Concen: 7.937 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.5	15.6	23.4

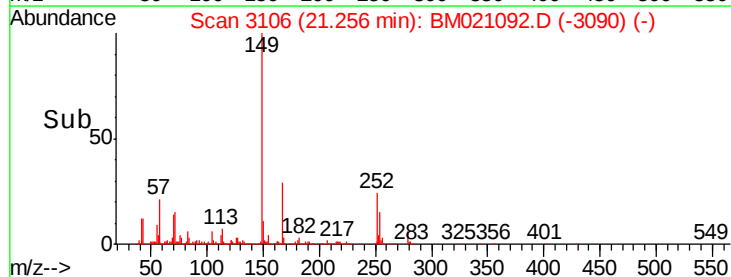
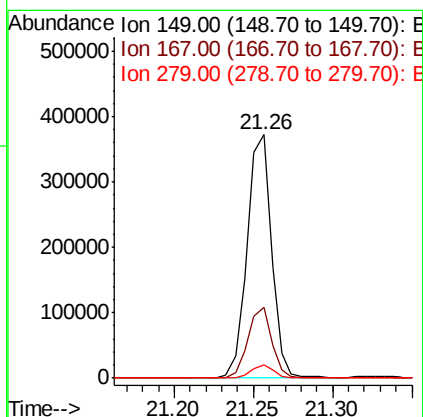
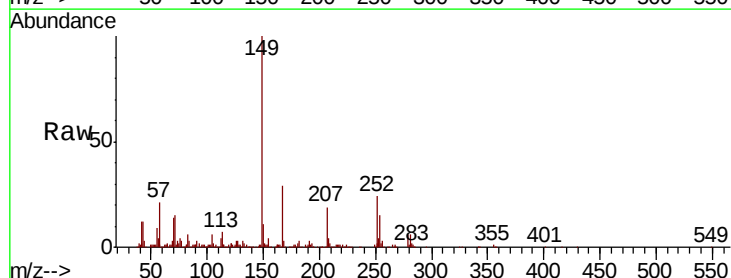
Manual Integrations
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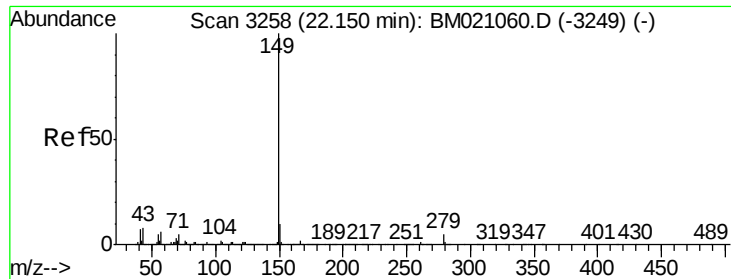
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.581 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	5.6	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 6.678 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

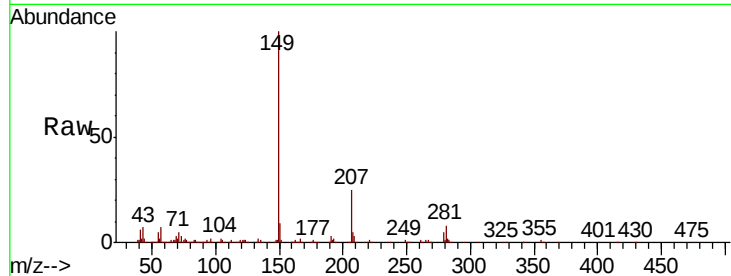
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

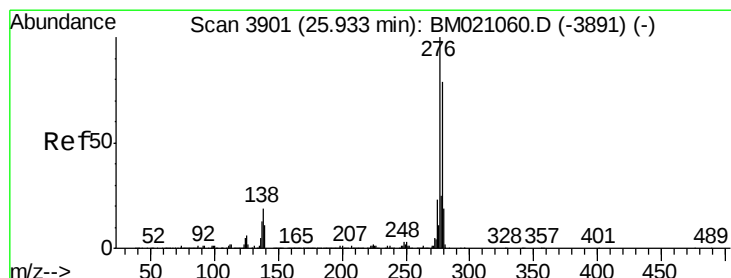
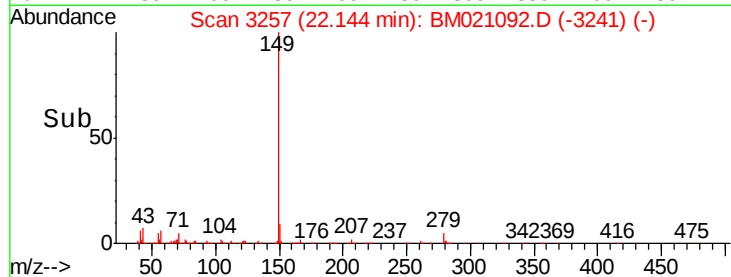
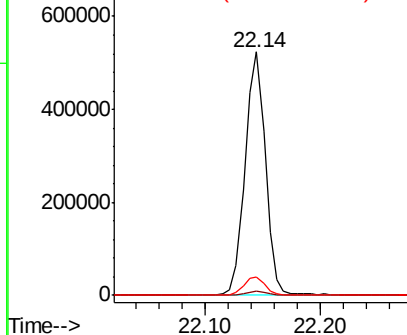
Tot Ion:	149	Resp:	633733
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	7.7	6.2	9.2

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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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.308 ng

RT: 25.91 min Scan# 3897

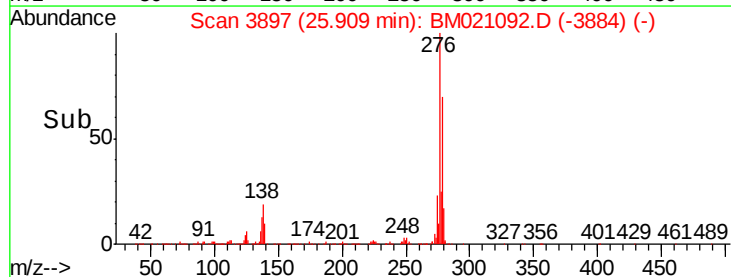
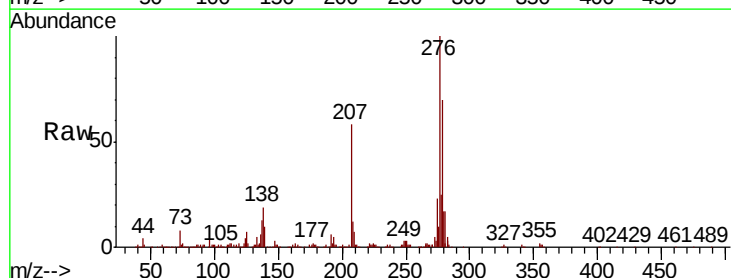
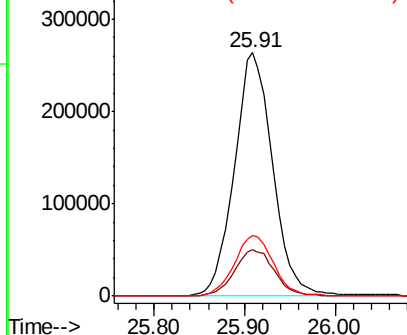
Delta R.T. -0.02 min

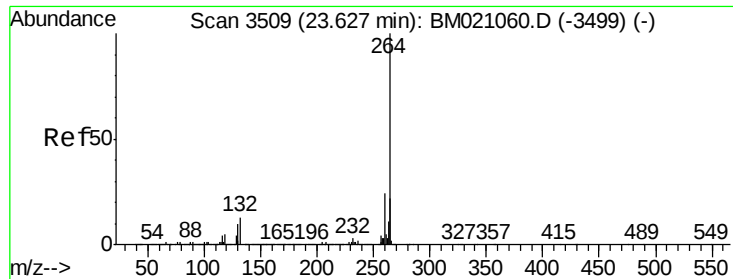
Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion:	276	Resp:	770267
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.4	23.0
277	25.7	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





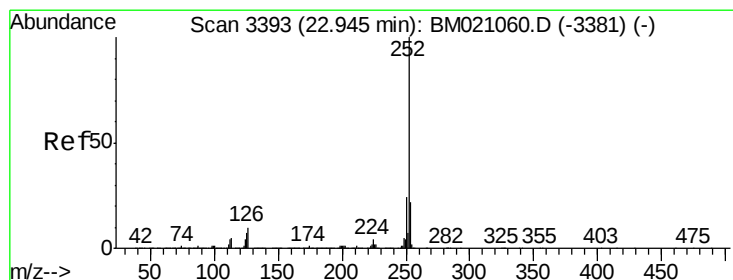
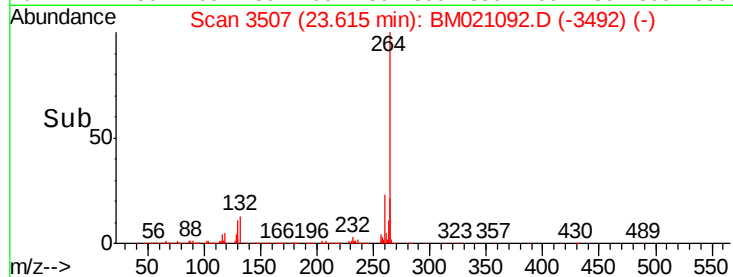
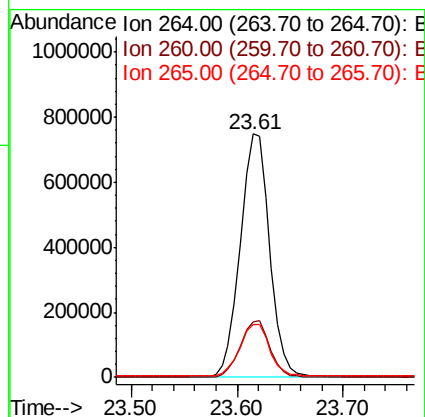
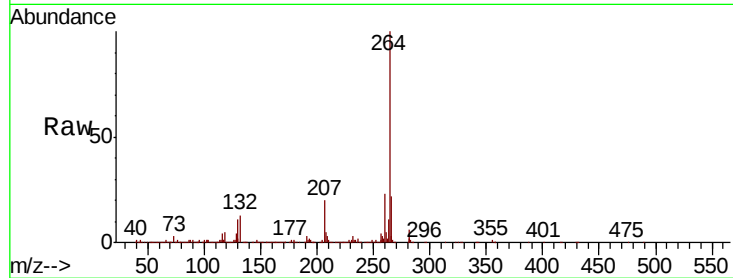
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.9	17.7	26.5

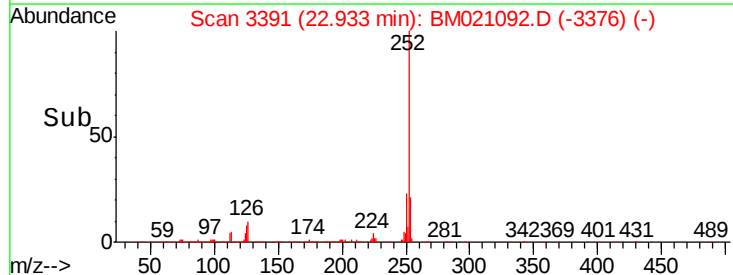
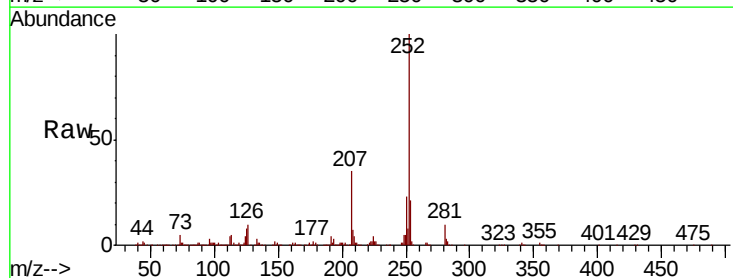
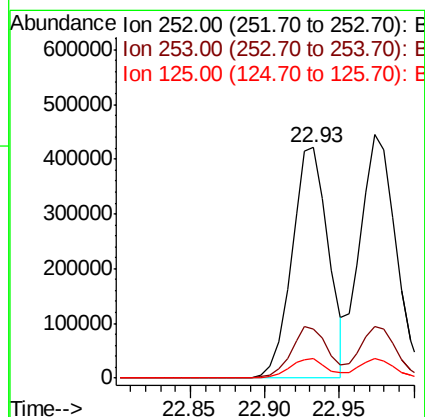
Manual Integrations
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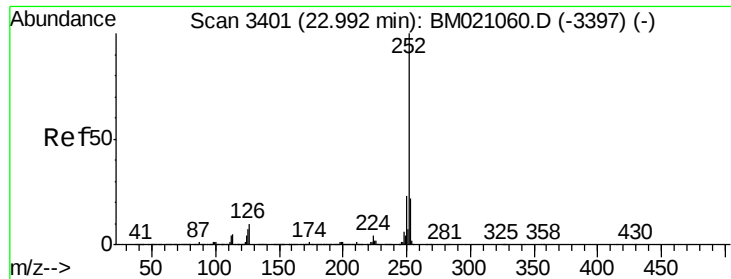
mohammad
6/26/2019 1:57:30 PM



#88
Benzo(b)fluoranthene
Concen: 7.338 ng
RT: 22.93 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	8.3	5.9	8.9





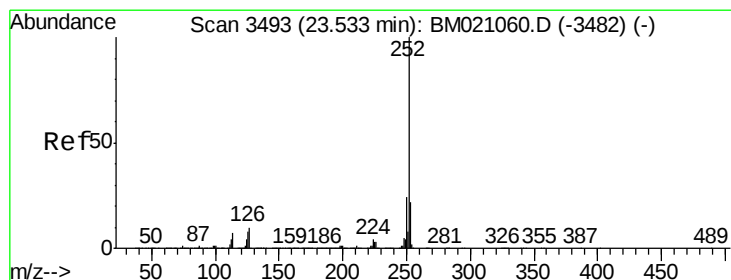
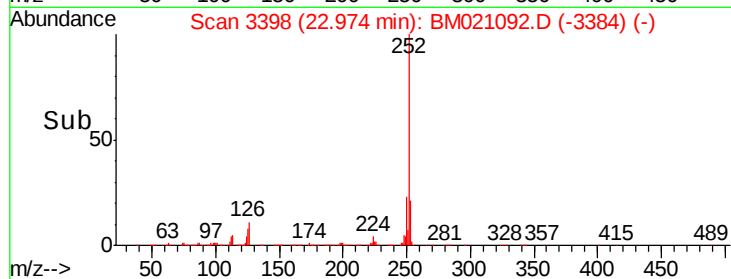
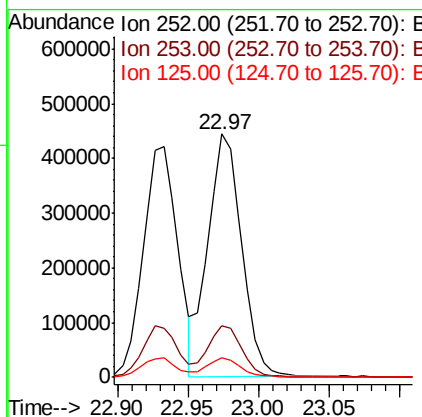
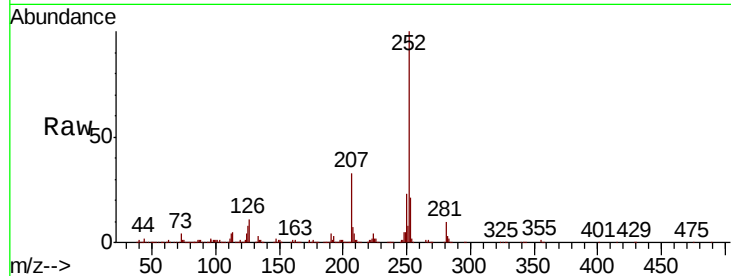
#89
Benzo(k)fluoranthene
Concen: 7.792 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.02 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Instrument :
BNA_M
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	7.9	5.9	8.9

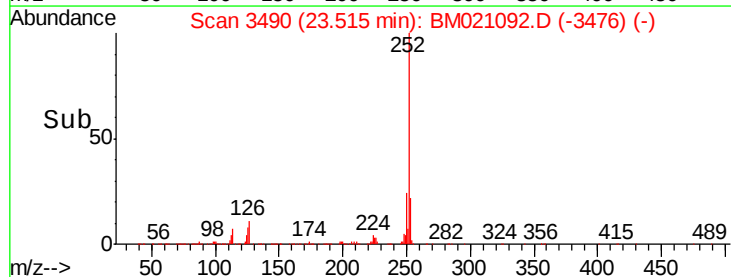
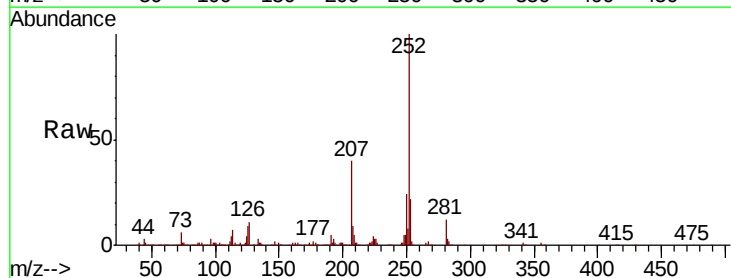
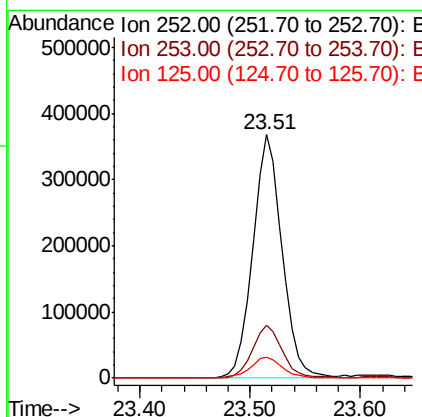
Manual Integrations
APPROVED

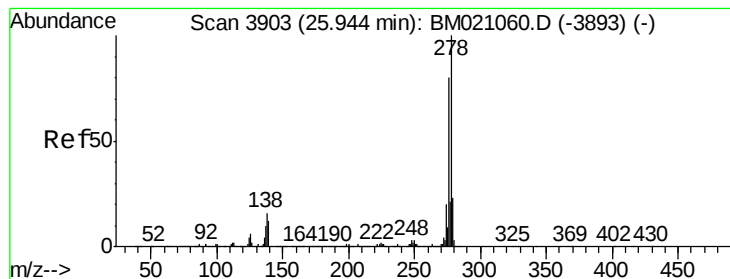
mohammad
6/26/2019 1:57:30 PM



#90
Benzo(a)pyrene
Concen: 7.706 ng
RT: 23.51 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM021092.D
Acq: 22 Jun 2019 09:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.6	6.6	10.0





#91

Dibenzo(a,h)anthracene

Concen: 7.341 ng

RT: 25.92 min Scan# 3899

Delta R.T. -0.02 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Instrument :

BNA_M

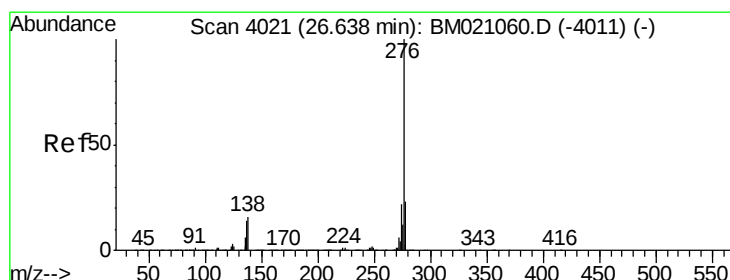
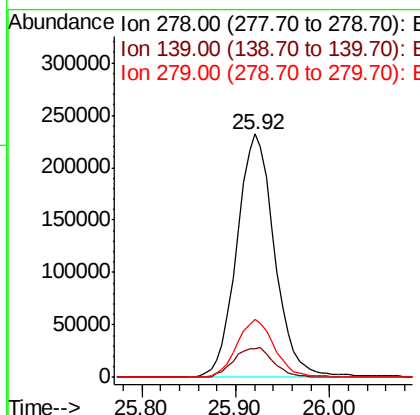
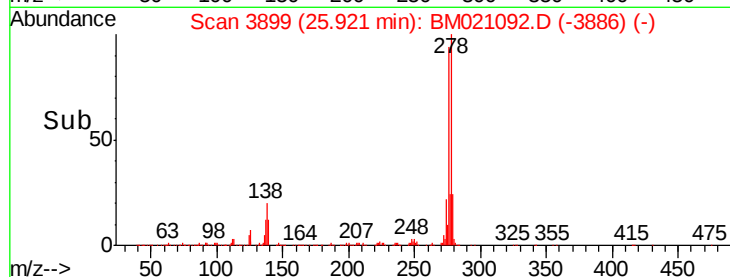
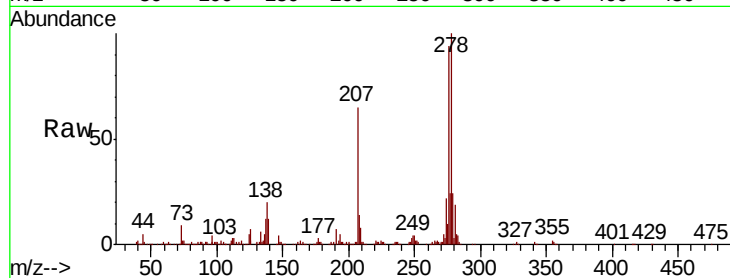
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	278	Resp:	644580
Ion Ratio	Lower	Upper	
278	100		
139	12.0	9.8	14.8
279	23.7	18.7	28.1

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 7.789 ng

RT: 26.61 min Scan# 4017

Delta R.T. -0.02 min

Lab File: BM021092.D

Acq: 22 Jun 2019 09:34

Tgt Ion:	276	Resp:	637758
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	16.6	13.1	19.7

