

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
 Data File : BM021077.D
 Acq On : 21 Jun 2019 09:53
 Operator : HP/JU
 Sample : K2241-09
 Misc : LOD-W-8PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 6/25/2019 3:22:52 PM

Quant Time: Jun 22 00:01:38 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	7.78	152	226498	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	962775	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	657064	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1572562	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1435980	20.00	ng	0.00
87) Perylene-d12	23.62	264	1477600	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1519912	121.51	ng	0.00
7) Phenol-d6	6.95	99	2134139	117.16	ng	0.00
23) Nitrobenzene-d5	8.94	82	1510530	81.77	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1638204	132.87	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	4705561	88.01	ng	0.00
79) Terphenyl-d14	19.79	244	7935063	103.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	38872	8.248	ng	97
3) Pyridine	3.73	79	96673	7.134	ng	98
4) n-Nitrosodimethylamine	3.64	42	38210	7.323	ng	# 82
6) Aniline	7.12	93	165644	6.828	ng	99
8) 2-Chlorophenol	7.34	128	115642	7.512	ng	97
9) Benzaldehyde	6.93	77	109641	7.256	ng	99
10) Phenol	6.98	94	136211	7.319	ng	100
11) bis(2-Chloroethyl)ether	7.21	93	108741	7.381	ng	99
12) 1,3-Dichlorobenzene	7.66	146	133005	7.131	ng	97
13) 1,4-Dichlorobenzene	7.82	146	137121	7.231	ng	100
14) 1,2-Dichlorobenzene	8.13	146	133087	7.162	ng	99
15) Benzyl Alcohol	8.02	79	103128	6.992	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	145602	7.640	ng	99
17) 2-Methylphenol	8.22	107	95345	7.173	ng	98
18) Hexachloroethane	8.85	117	47995	7.049	ng	92
19) n-Nitroso-di-n-propylamine	8.58	70	100148	7.555	ng	99
20) 3+4-Methylphenols	8.54	107	127154	6.949	ng	97
22) Acetophenone	8.60	105	203091	8.278	ng	# 99
24) Nitrobenzene	8.98	77	152027	8.308	ng	100
25) Isophorone	9.50	82	268756	7.775	ng	99
26) 2-Nitrophenol	9.69	139	59817	6.676	ng	95
27) 2,4-Dimethylphenol	9.74	122	107306	8.211	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	164524	7.660	ng	98
29) 2,4-Dichlorophenol	10.22	162	118767	7.022	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	147689	7.407	ng	99
31) Naphthalene	10.62	128	403227	7.914	ng	99
32) Benzoic acid	9.83	122	61853m	5.850	ng	
33) 4-Chloroaniline	10.74	127	166719	7.208	ng	99
34) Hexachlorobutadiene	10.89	225	90705	7.205	ng	99
35) Caprolactam	11.53	113	34748	6.568	ng	97
36) 4-Chloro-3-methylphenol	11.85	107	127533	7.410	ng	96
37) 2-Methylnaphthalene	12.23	142	314070	8.011	ng	99
38) 1-Methylnaphthalene	12.45	142	302379	8.087	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	194885	7.836	ng	100

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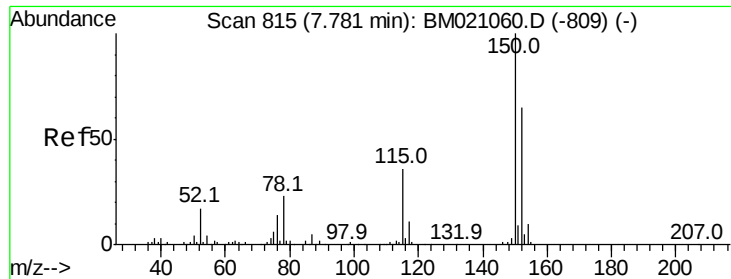
Manual Integrations
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Quant Time: Jun 22 00:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
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 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	97624	6.771	ng	96
43) 2,4,6-Trichlorophenol	12.84	196	107976	6.561	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	117439	6.891	ng	99
46) 1,1'-Biphenyl	13.25	154	462078	8.217	ng	99
47) 2-Chloronaphthalene	13.29	162	339779	7.439	ng	99
48) 2-Nitroaniline	13.50	65	78601	6.291	ng	95
49) Acenaphthylene	14.14	152	533992	7.683	ng	100
50) Dimethylphthalate	13.87	163	445500	7.626	ng	99
51) 2,6-Dinitrotoluene	14.00	165	90914	7.234	ng	98
52) Acenaphthene	14.48	154	319411	7.616	ng	99
53) 3-Nitroaniline	14.33	138	81274	6.343	ng	97
54) 2,4-Dinitrophenol	14.55	184	33572	4.973	ng	98
55) Dibenzofuran	14.82	168	539885	7.892	ng	98
56) 4-Nitrophenol	14.64	139	63284	6.459	ng	95
57) 2,4-Dinitrotoluene	14.79	165	116003	6.684	ng	96
58) Fluorene	15.47	166	431323	7.716	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	116773	7.171	ng	96
60) Diethylphthalate	15.25	149	434900	7.559	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	234855	7.437	ng	94
62) 4-Nitroaniline	15.50	138	84115	6.255	ng	94
63) Azobenzene	15.76	77	370099	7.842	ng	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	48780	5.031	ng	92
66) n-Nitrosodiphenylamine	15.68	169	379920	7.665	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	148433	7.090	ng	96
68) Hexachlorobenzene	16.46	284	180544	7.219	ng	99
69) Atrazine	16.63	200	123315	7.651	ng	98
70) Pentachlorophenol	16.82	266	82614	6.131	ng	97
71) Phenanthrene	17.21	178	712604	7.863	ng	100
72) Anthracene	17.30	178	696506	7.758	ng	99
73) Carbazole	17.57	167	599361	7.551	ng	99
74) Di-n-butylphthalate	18.13	149	677384	6.971	ng	100
75) Fluoranthene	19.22	202	799242	7.637	ng	99
77) Benzidine	19.42	184	266898	6.401	ng	99
78) Pyrene	19.59	202	821712	7.890	ng	99
80) Butylbenzylphthalate	20.49	149	274009	6.601	ng	97
81) Benzo(a)anthracene	21.33	228	752684	7.689	ng	98
82) 3,3'-Dichlorobenzidine	21.27	252	267813	7.223	ng	99
83) Chrysene	21.38	228	748597	8.028	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	398613	6.747	ng	97
85) Di-n-octyl phthalate	22.14	149	640326	6.892	ng	99
86) Indeno(1,2,3-cd)pyrene	25.92	276	803718	7.789	ng	99
88) Benzo(b)fluoranthene	22.93	252	740904	7.433	ng	99
89) Benzo(k)fluoranthene	22.98	252	738568	7.665	ng	99
90) Benzo(a)pyrene	23.52	252	688378	7.653	ng	99
91) Dibenzo(a,h)anthracene	25.93	278	675997	7.538	ng	100
92) Benzo(g,h,i)perylene	26.63	276	655108	7.834	ng	98

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



#1

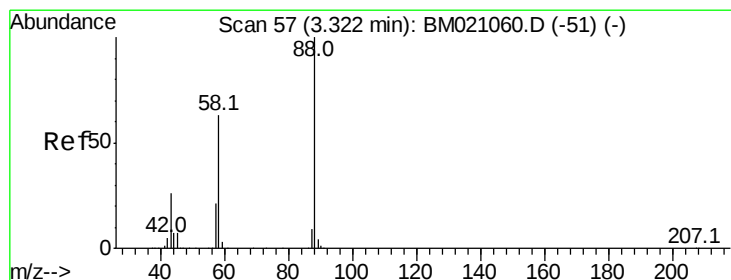
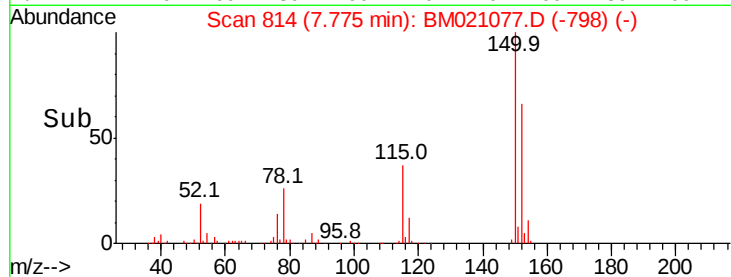
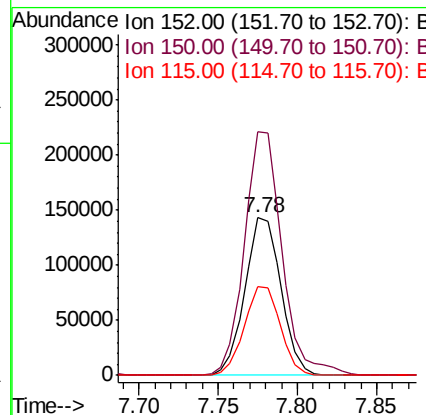
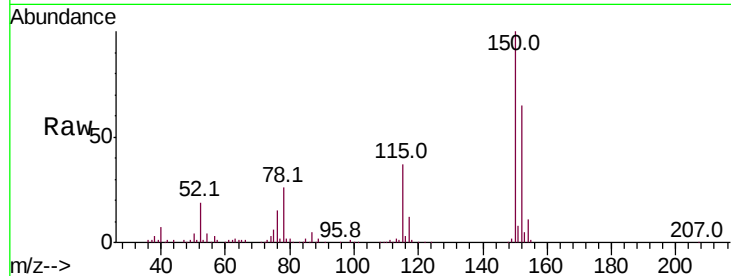
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.1	184.7
115	56.6	44.2	66.4

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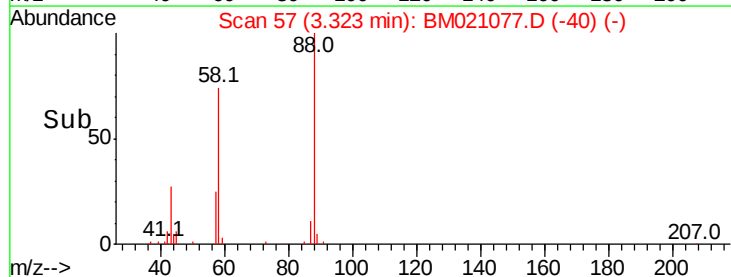
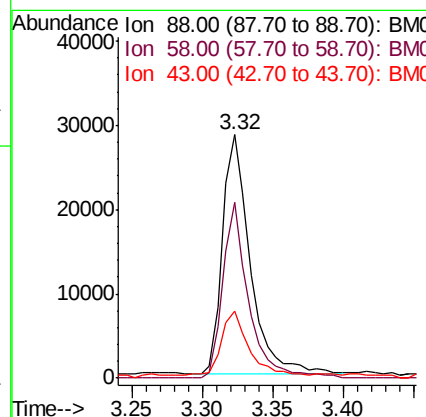
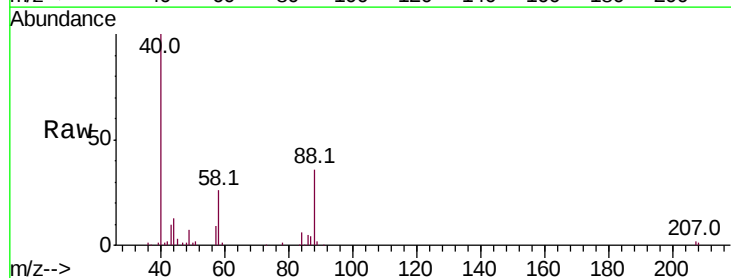
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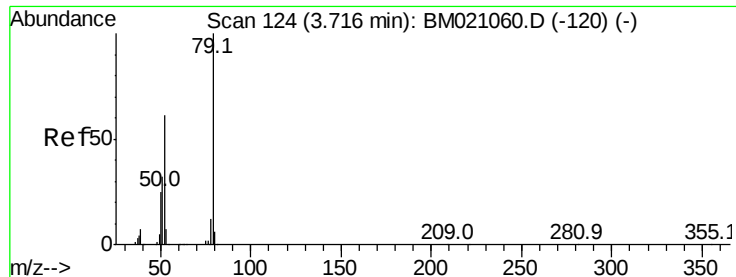


#2

1,4-Dioxane
Concen: 8.248 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	51.9	77.9
43	26.8	21.4	32.2





#3

Pvridine

Concen: 7.134 ng

RT: 3.73 min Scan# 127

Delta R.T. 0.02 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

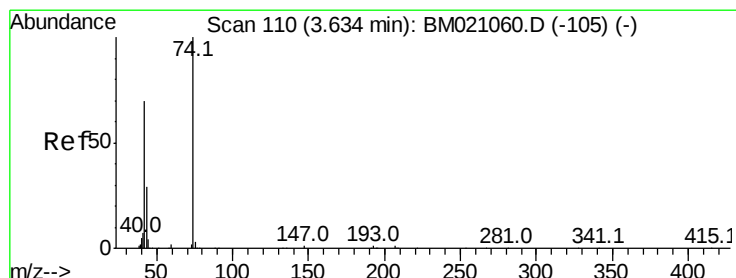
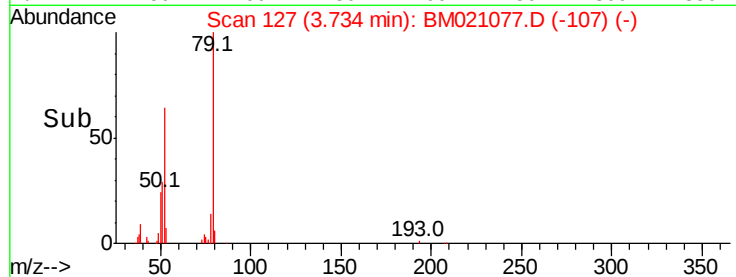
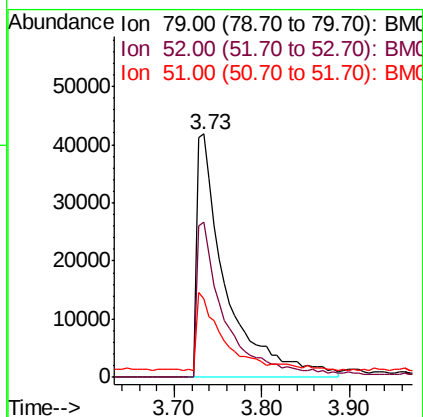
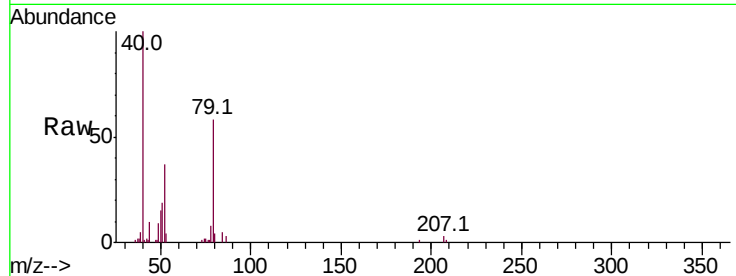
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	79	Resp:	96673
Ion Ratio	Lower	Upper	
79	100		
52	63.7	48.8	73.2
51	32.0	25.7	38.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 7.323 ng

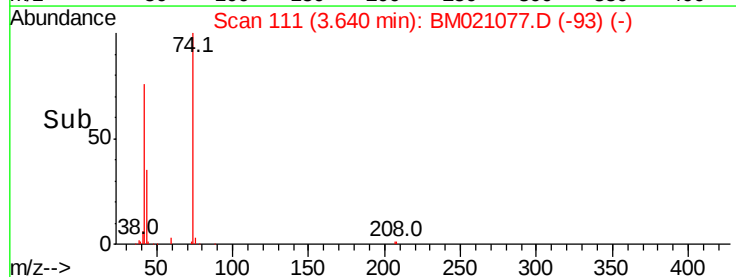
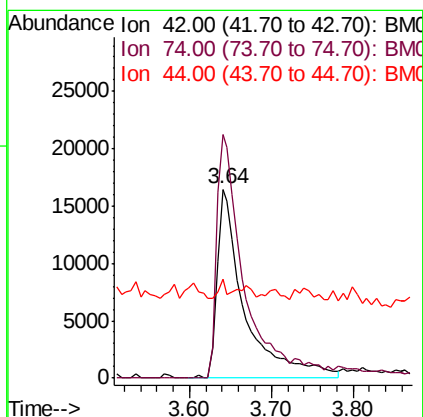
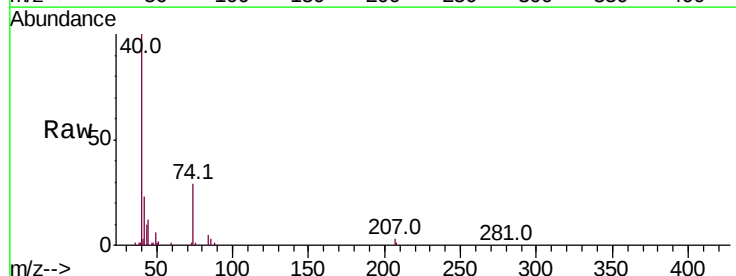
RT: 3.64 min Scan# 111

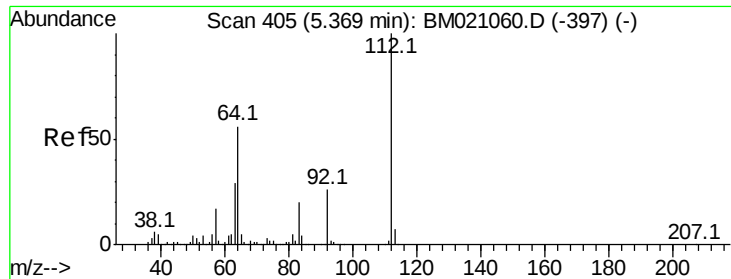
Delta R.T. 0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion:	42	Resp:	38210
Ion Ratio	Lower	Upper	
42	100		
74	128.7	113.8	170.6
44	52.0	8.2	12.2#





#5

2-Fluorophenol

Concen: 121.509 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

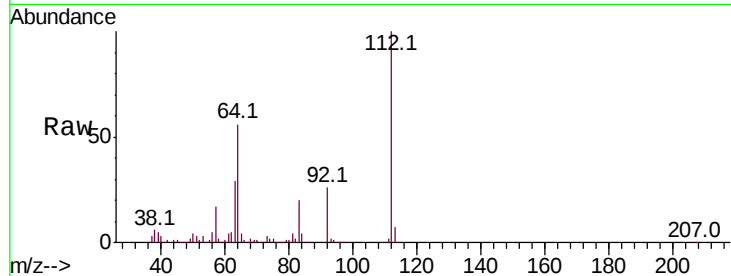
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	112	Resp:	1519912
Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.2	67.8
63	28.9	23.5	35.3

Manual Integrations
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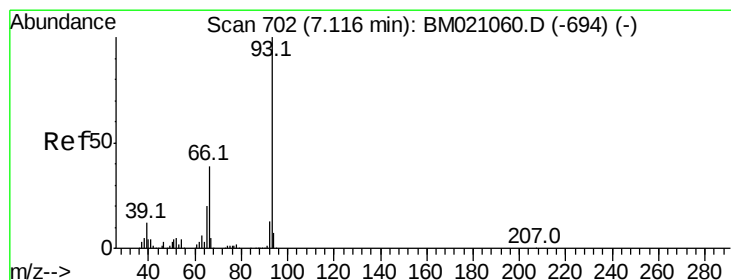
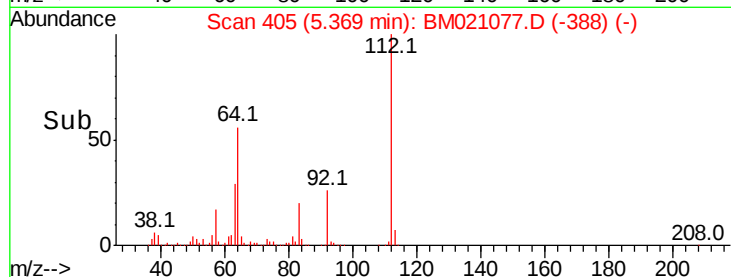
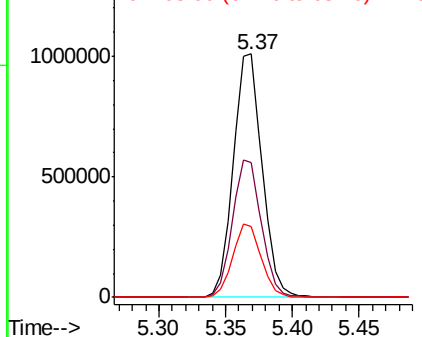
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 6.828 ng

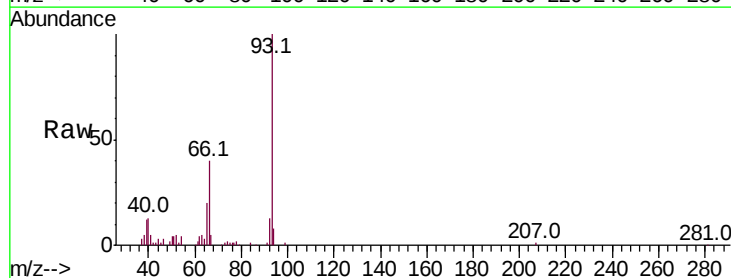
RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

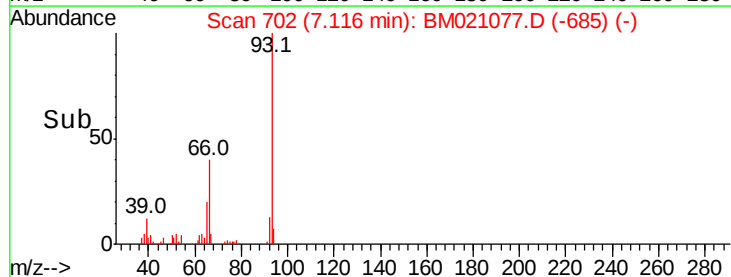
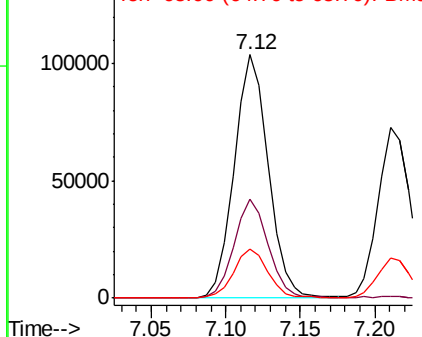
Tgt Ion:	93	Resp:	165644
Ion	Ratio	Lower	Upper
93	100		
66	40.4	31.3	46.9
65	20.0	15.9	23.9

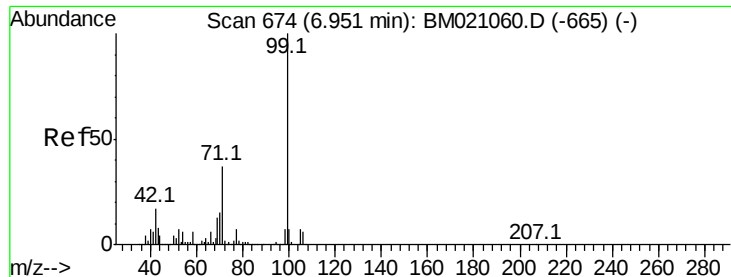


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 117.158 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion: 99 Resp: 2134139

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

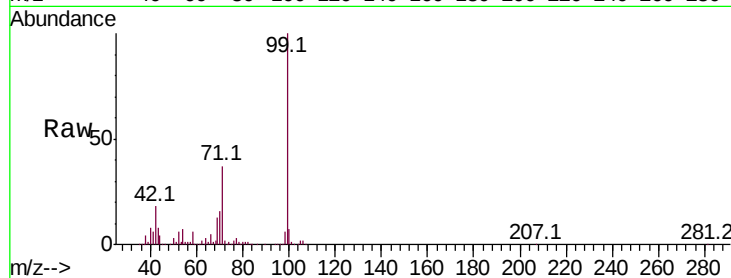
71 37.2 29.3 43.9

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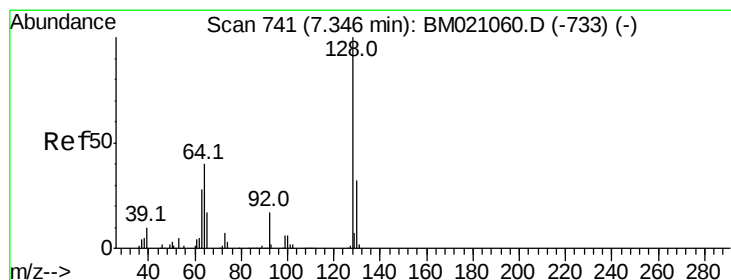
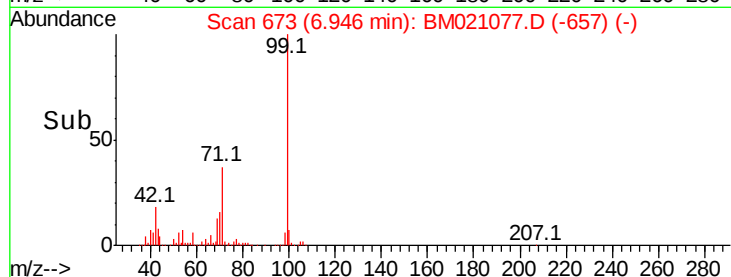
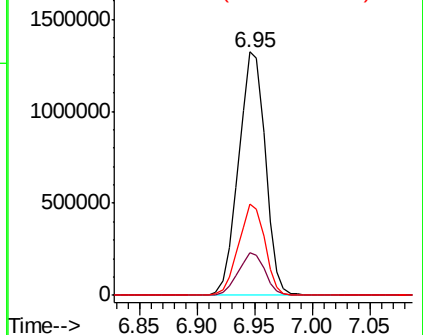
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Abundance Ion 99.00 (98.70 to 99.70): BM021060.D (-665) (-)

Ion 42.00 (41.70 to 42.70): BM021060.D (-665) (-)

Ion 71.00 (70.70 to 71.70): BM021060.D (-665) (-)



#8

2-Chlorophenol

Concen: 7.512 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

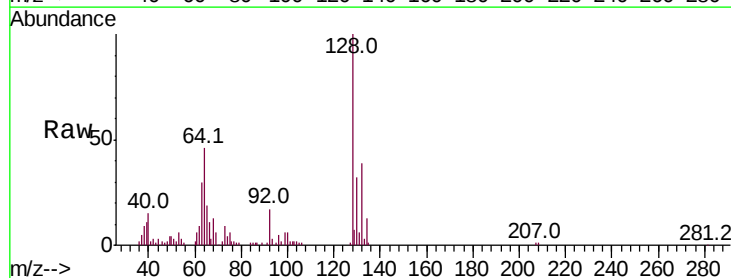
Tgt Ion: 128 Resp: 115642

Ion Ratio Lower Upper

128 100

130 31.6 12.2 52.2

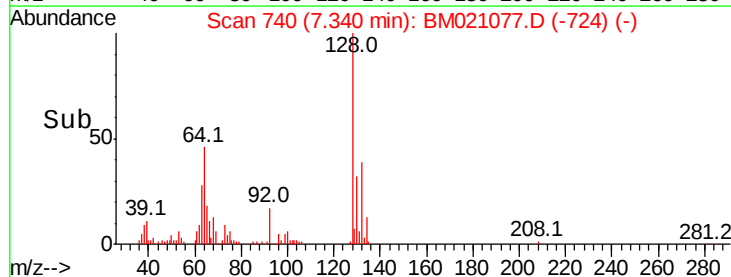
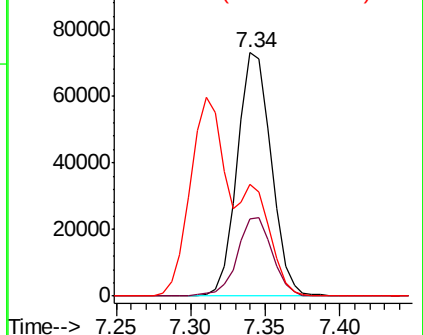
64 46.1 23.2 63.2

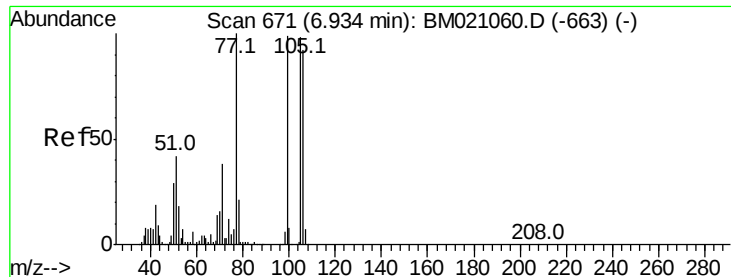


Abundance Ion 128.00 (127.70 to 128.70): BM021060.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM021060.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM021060.D (-733) (-)





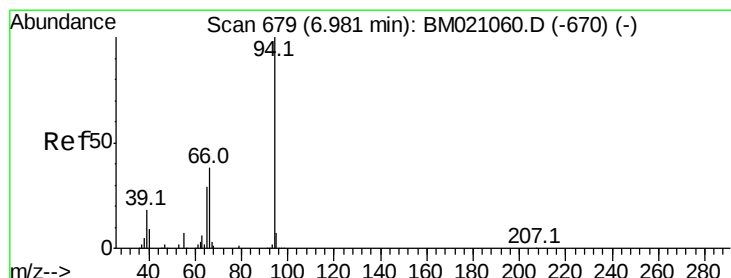
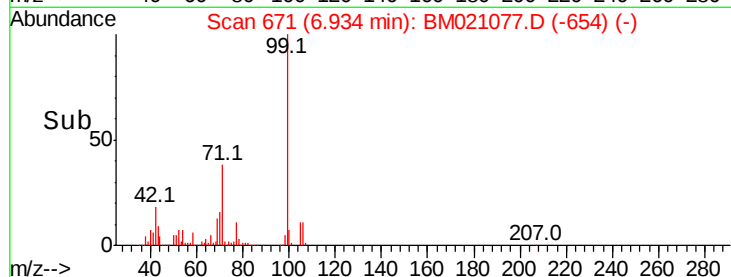
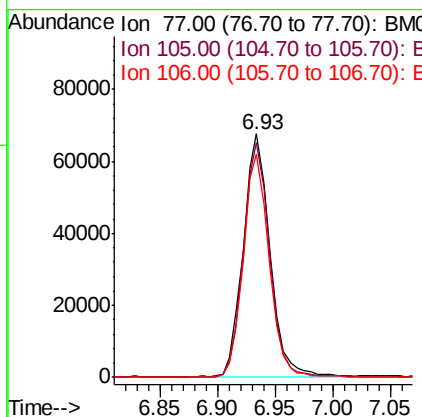
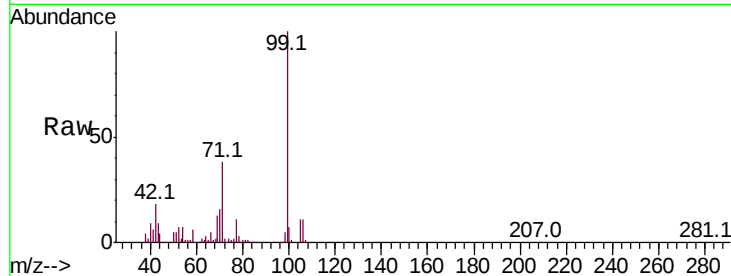
#9
Benzaldehyde
Concen: 7.256 ng
RT: 6.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.3	77.8	117.8
106	91.8	71.8	111.8

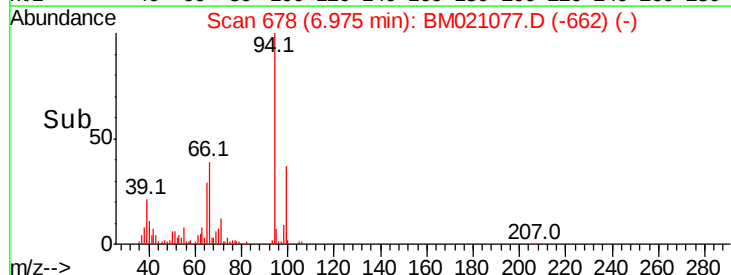
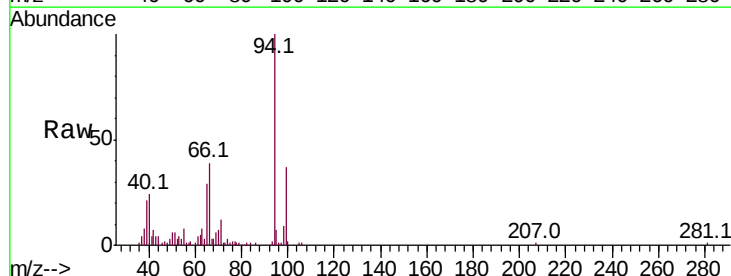
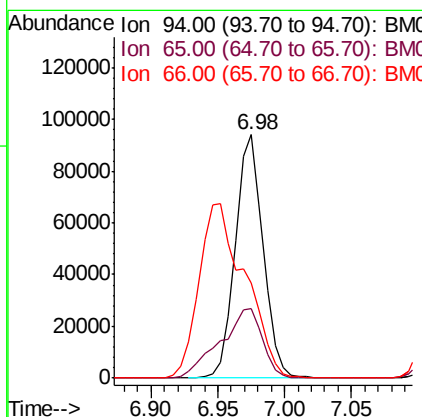
Manual Integrations
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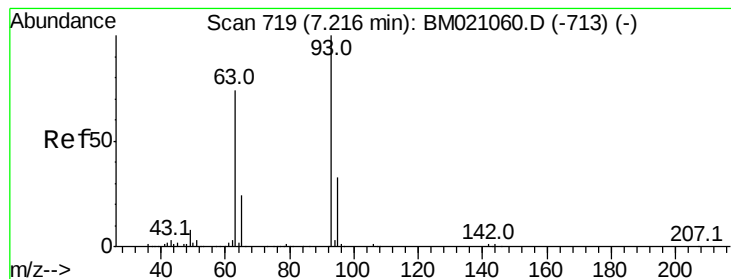
mohammad
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#10
Phenol
Concen: 7.319 ng
RT: 6.98 min Scan# 678
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	39.1	19.0	59.0





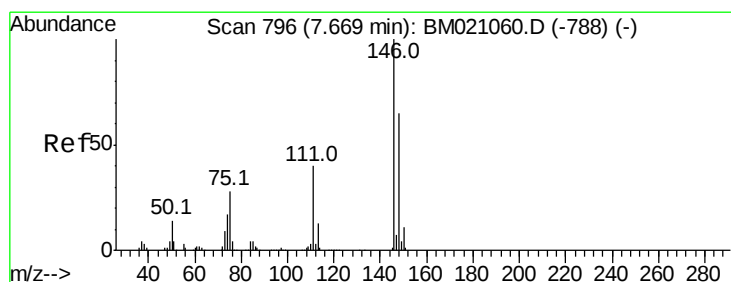
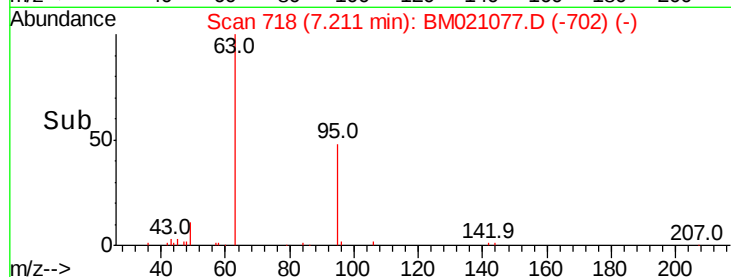
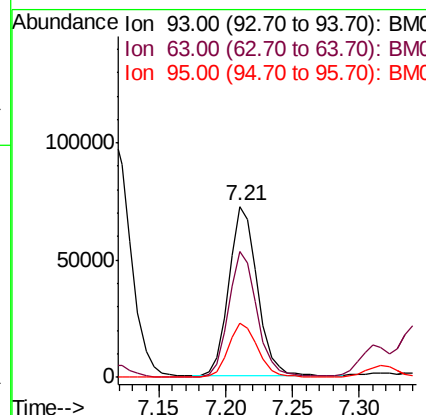
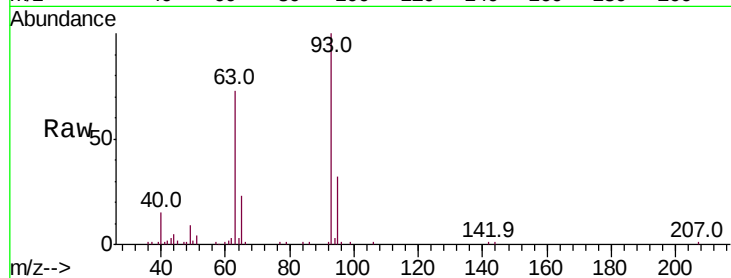
#11
bis(2-Chloroethyl)ether
Concen: 7.381 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	108741		
63	73.5		53.4	93.4
95	31.5		13.0	53.0

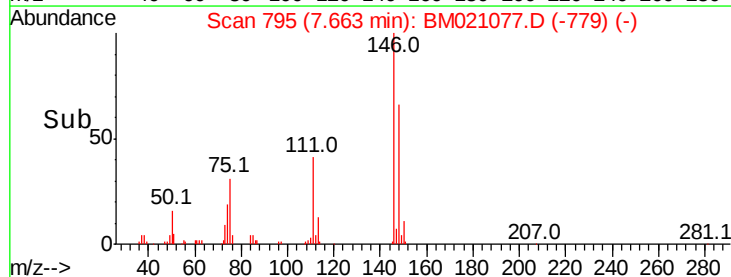
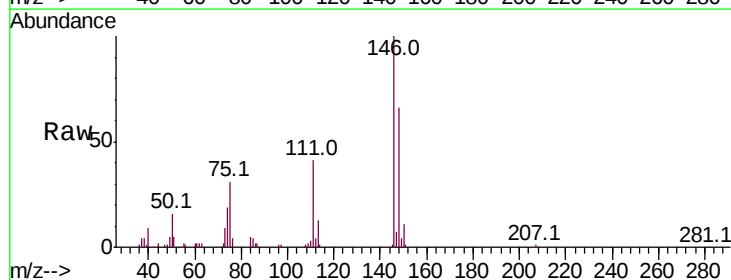
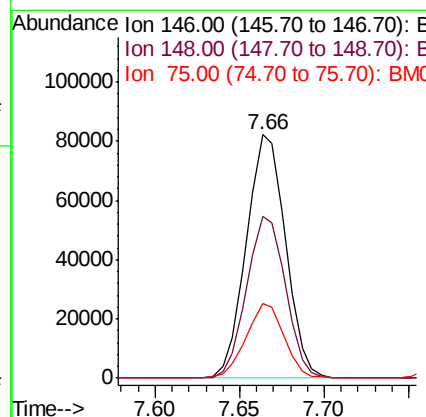
Manual Integrations
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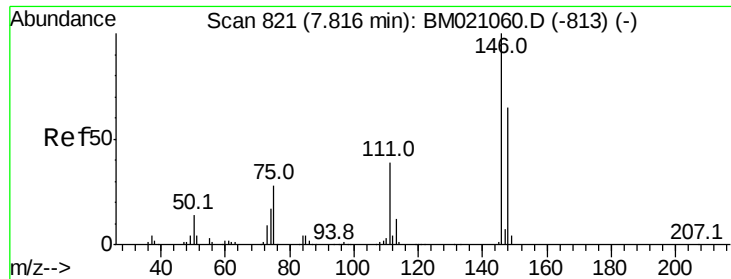
mohammad
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#12
1,3-Dichlorobenzene
Concen: 7.131 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	133005		
148	66.2		52.2	78.2
75	30.7		22.2	33.4





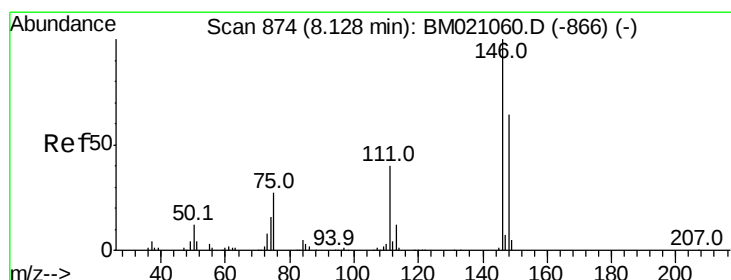
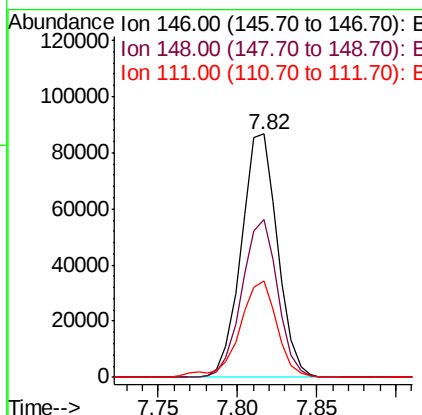
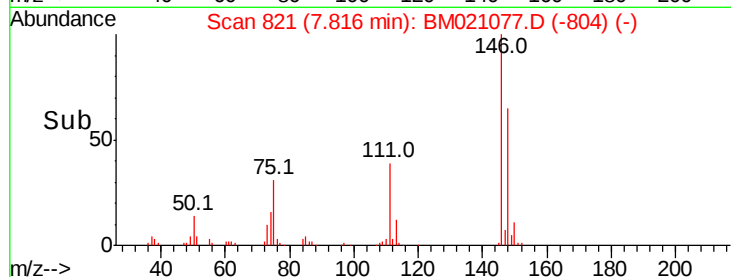
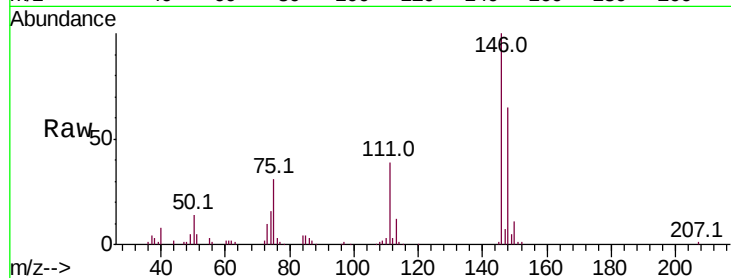
#13
1,4-Dichlorobenzene
Concen: 7.231 ng
RT: 7.82 min Scan# 821
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	39.4	31.4	47.0

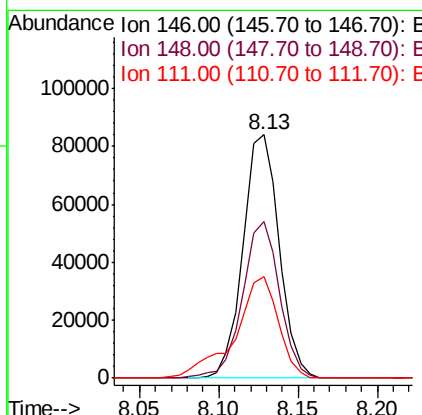
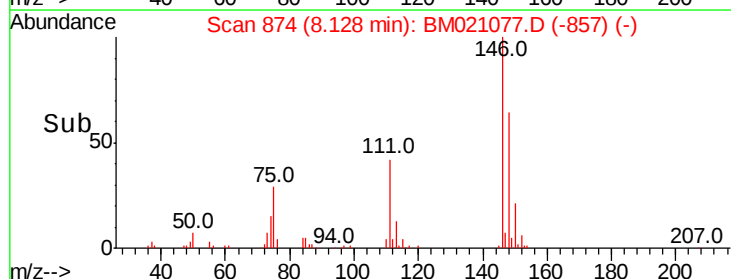
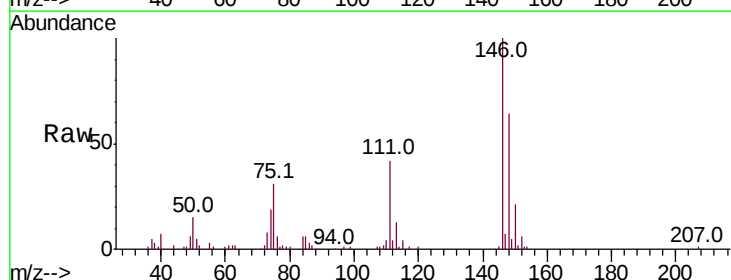
Manual Integrations
APPROVED

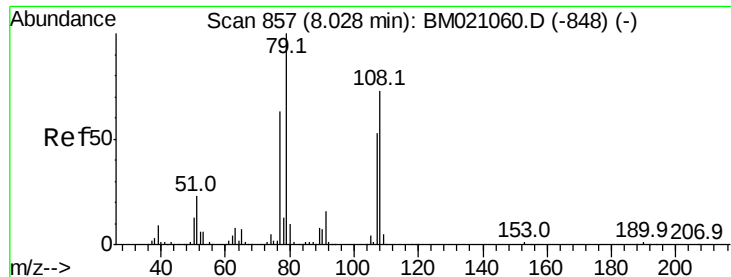
mohammad
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#14
1,2-Dichlorobenzene
Concen: 7.162 ng
RT: 8.13 min Scan# 874
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	41.9	32.8	49.2





#15

Benzyl Alcohol

Concen: 6.992 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

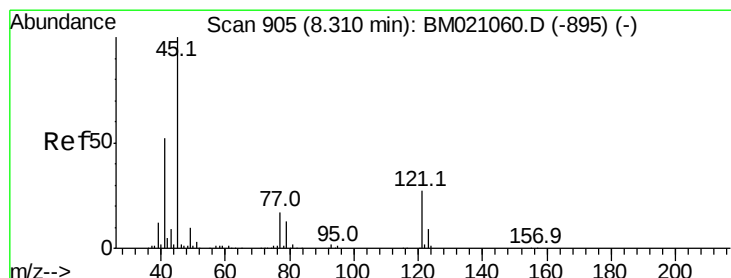
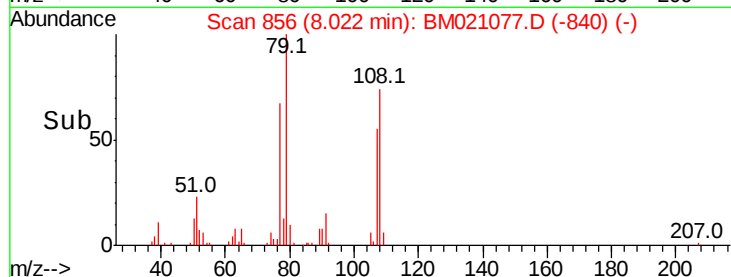
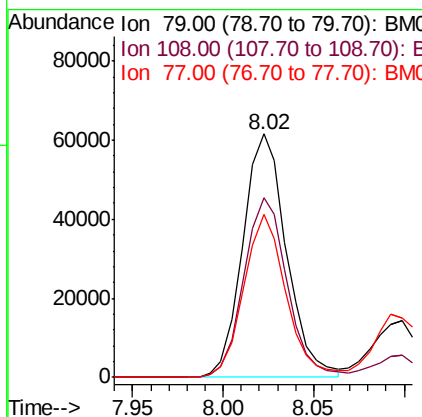
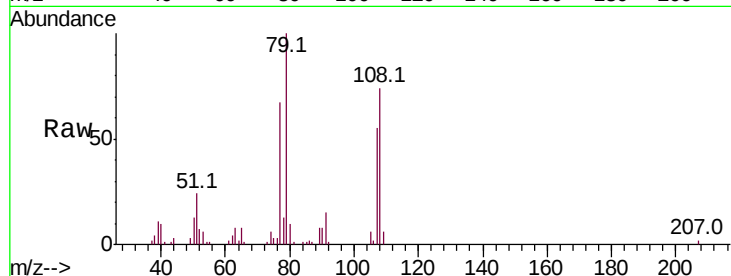
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	79	Resp:	103128
Ion Ratio	Lower	Upper	
79	100		
108	73.9	58.4	87.6
77	66.8	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 7.640 ng

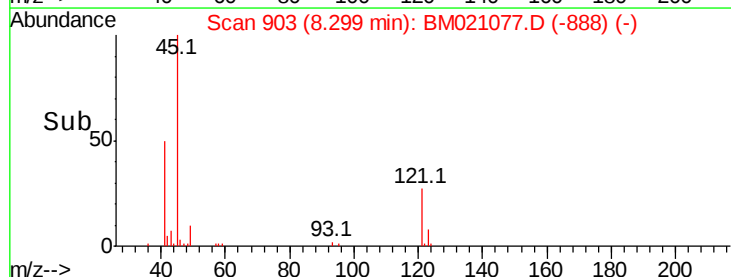
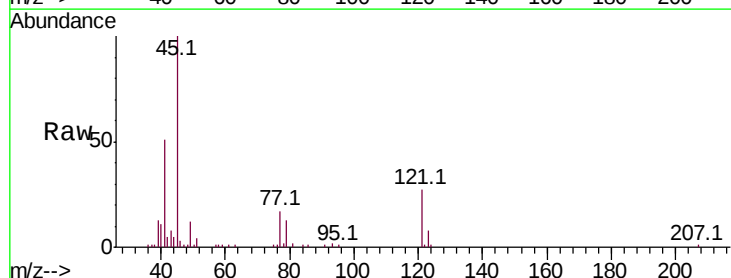
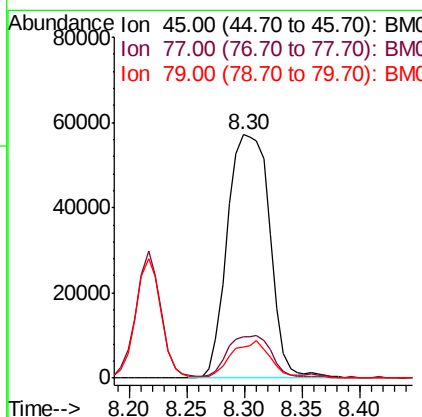
RT: 8.30 min Scan# 903

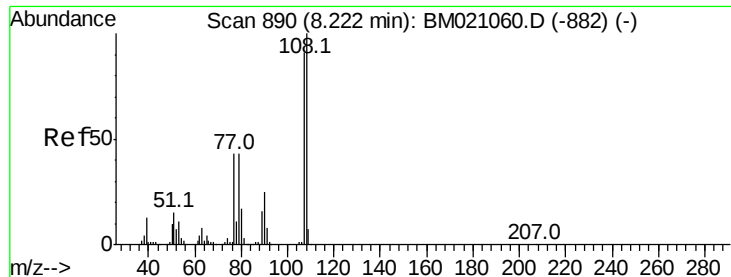
Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion:	45	Resp:	145602
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	37.5
79	12.8	0.0	33.5





#17

2-Methylphenol

Concen: 7.173 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

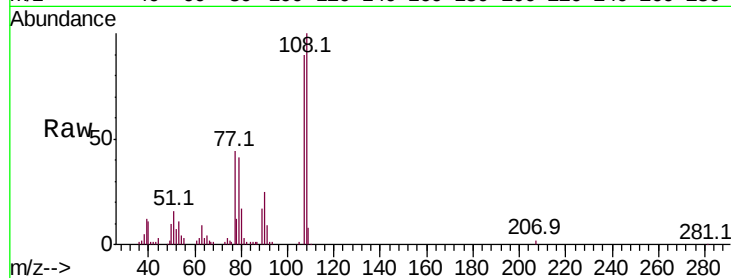
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.5	131.3
77	49.0	37.8	56.8
79	46.3	37.5	56.3

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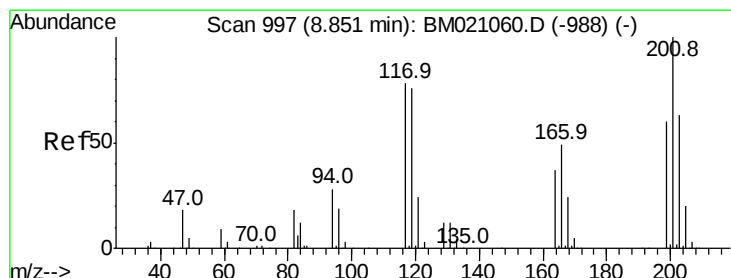
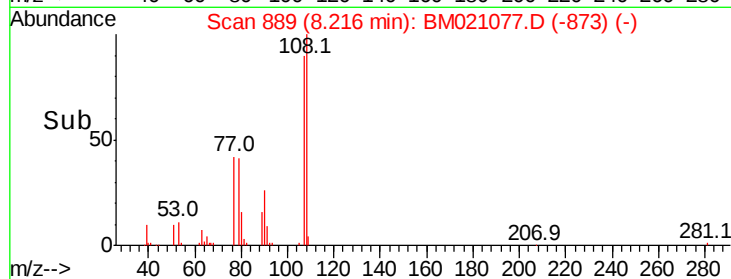
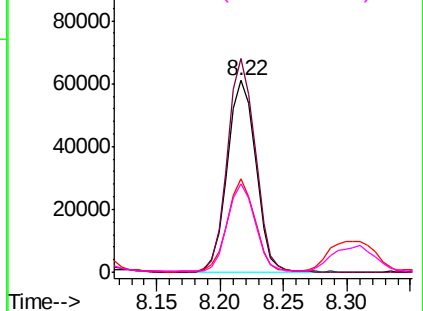
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 7.049 ng

RT: 8.85 min Scan# 996

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

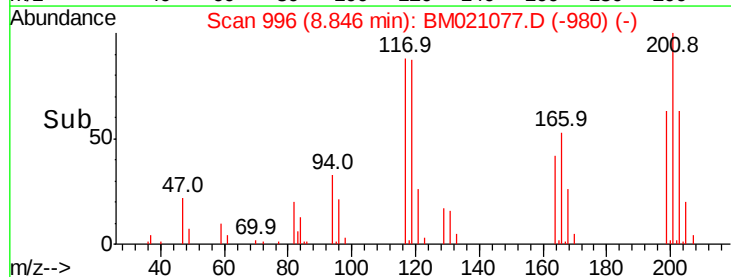
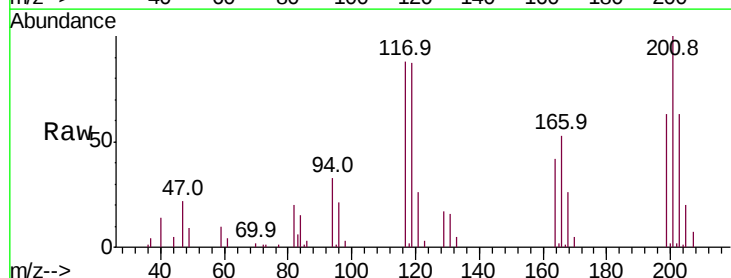
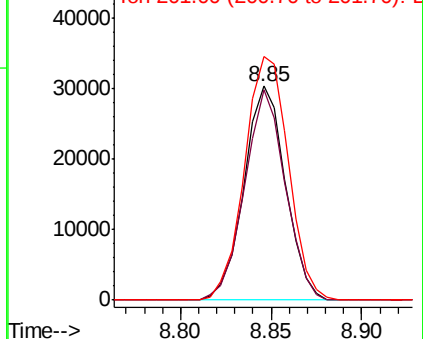
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.5	116.3
201	113.8	102.3	153.5

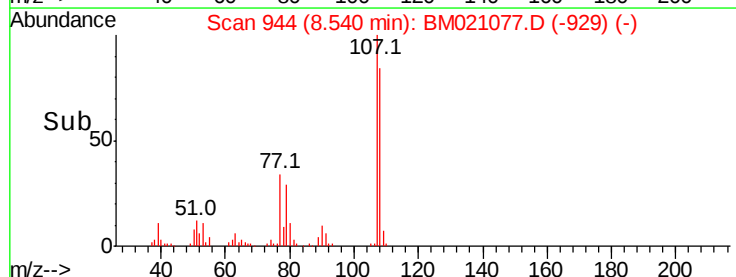
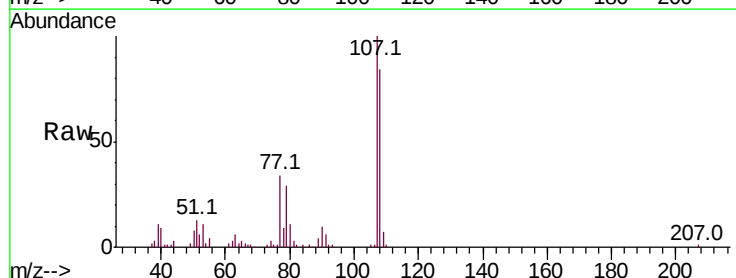
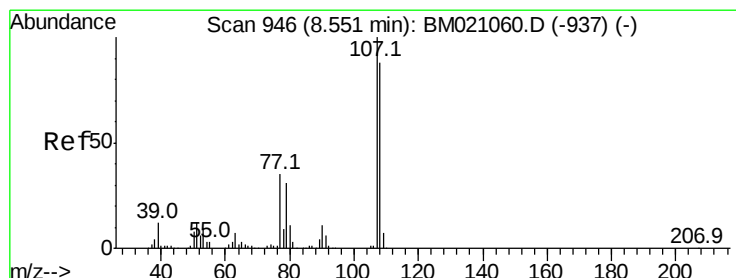
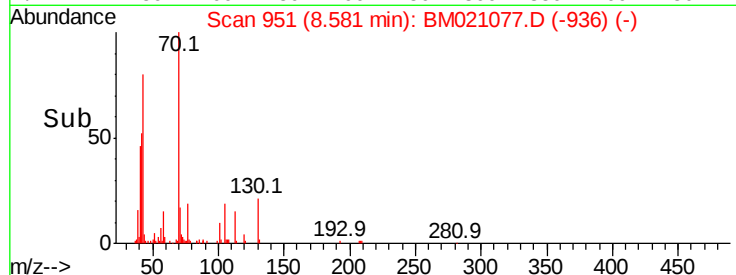
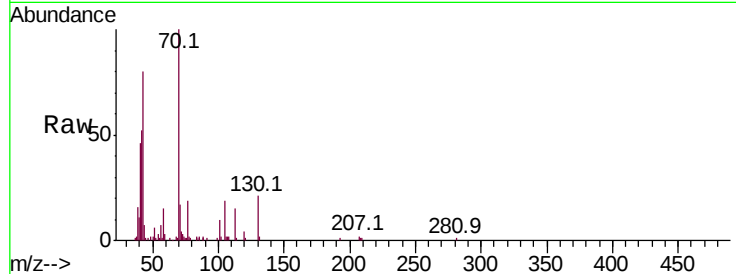
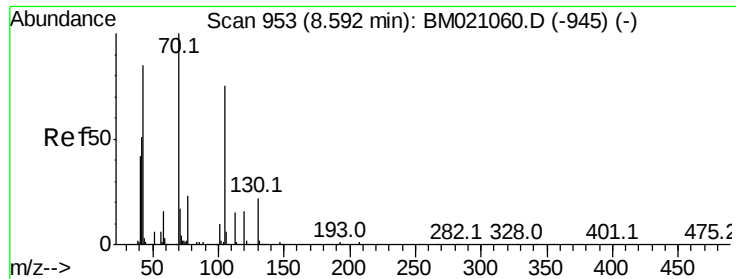
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





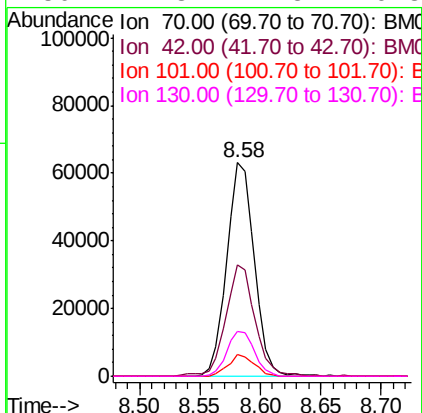
#19
n-Nitroso-di-n-propylamine
Concen: 7.555 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.9	62.9
101	10.4	8.1	12.1
130	21.3	17.5	26.3

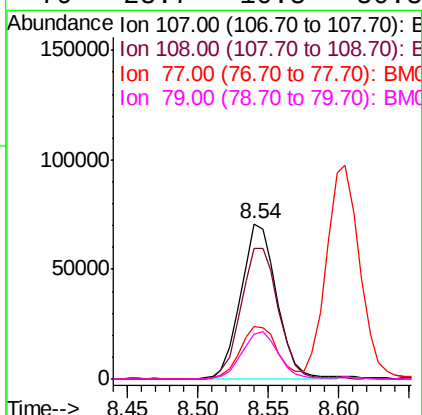
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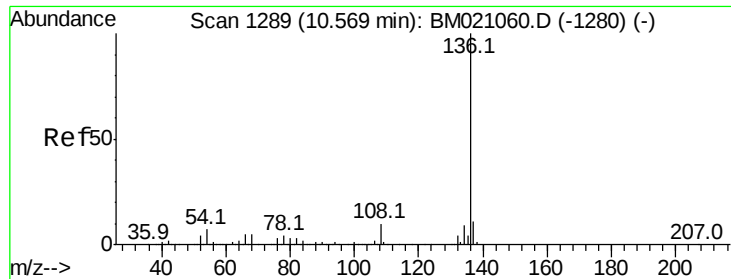
mohammad
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#20
3+4-Methylphenols
Concen: 6.949 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	67.9	107.9
77	34.2	14.6	54.6
79	28.7	10.8	50.8





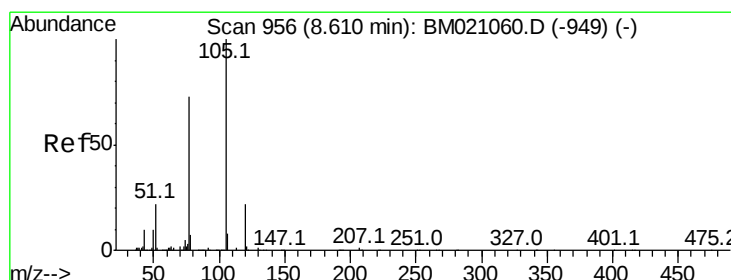
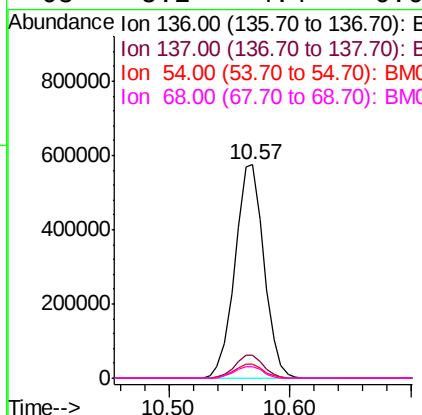
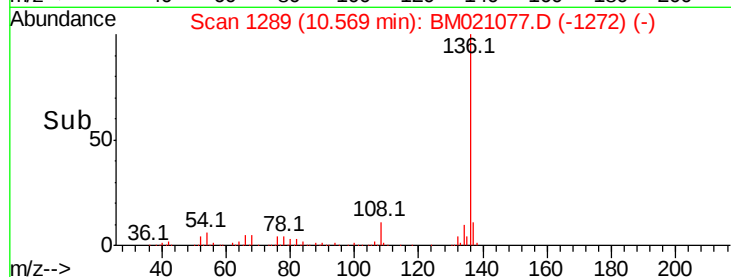
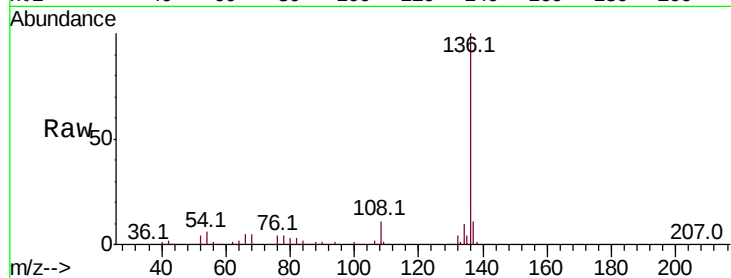
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.6	13.0	
54	6.5	5.3	7.9	
68	5.2	4.4	6.6	

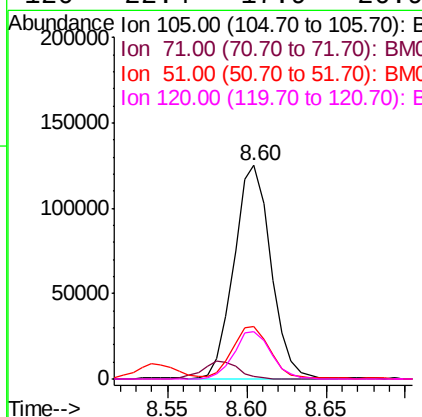
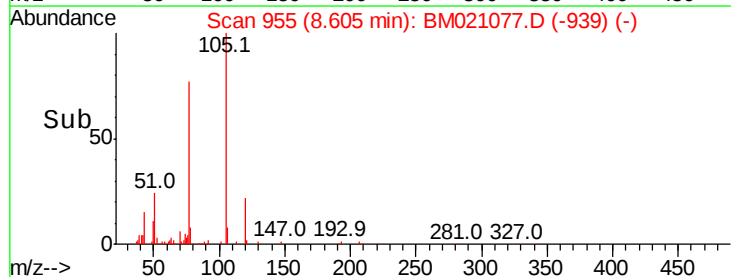
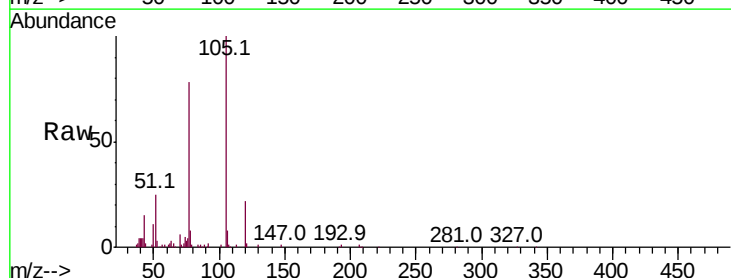
Manual Integrations
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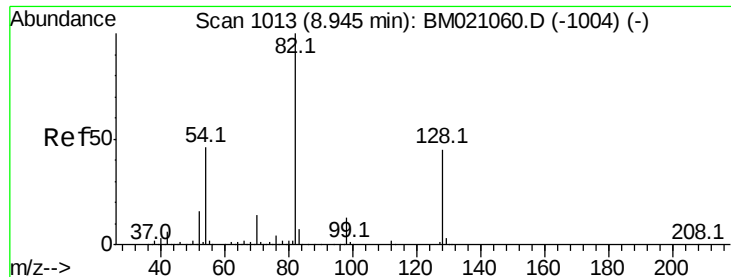
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#22
Acetophenone
Concen: 8.278 ng
RT: 8.60 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	1.2	1.8	
51	24.6	19.1	28.7	
120	22.4	17.9	26.9	





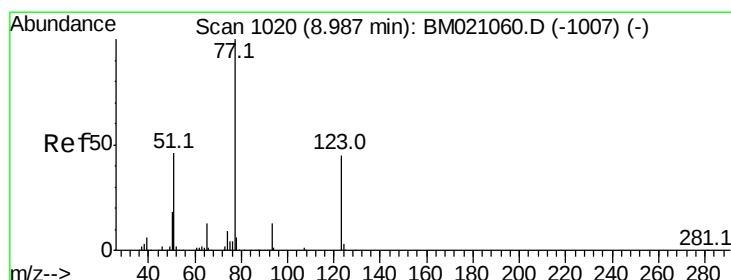
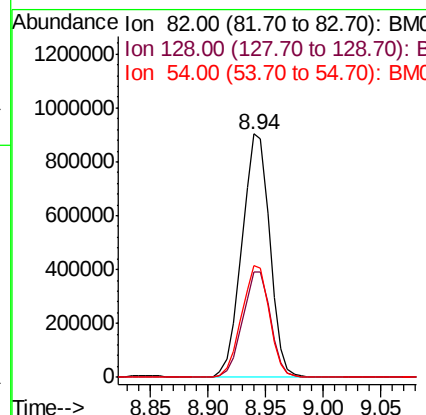
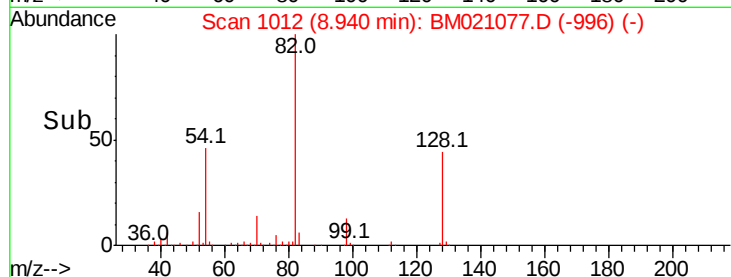
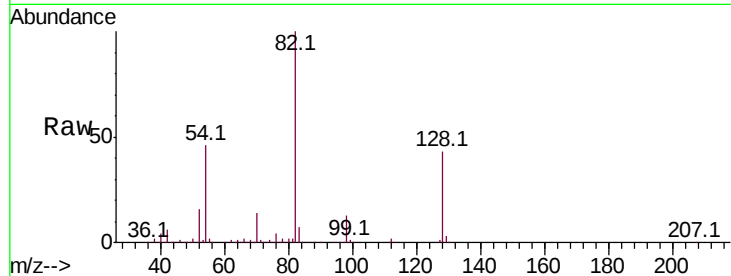
#23
 Nitrobenzene-d5
 Concen: 81.768 ng
 RT: 8.94 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.9	53.9
54	46.1	36.6	55.0

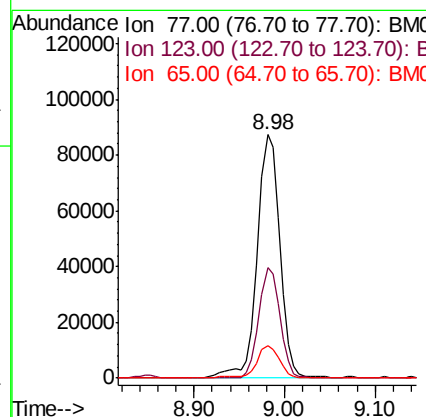
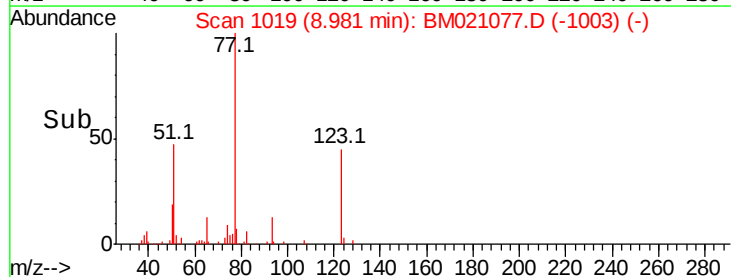
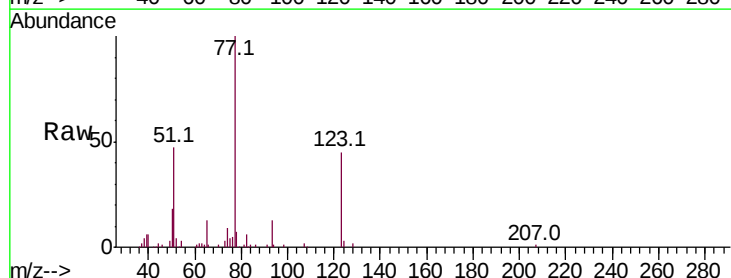
Manual Integrations
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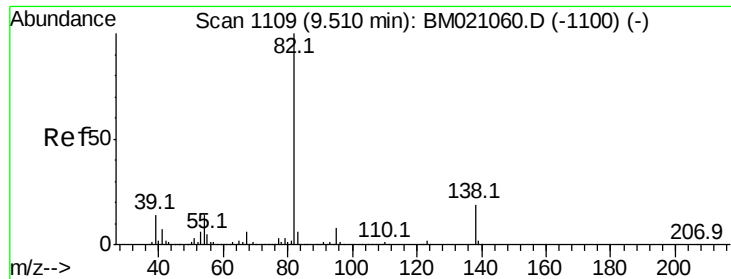
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#24
 Nitrobenzene
 Concen: 8.308 ng
 RT: 8.98 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	36.3	54.5
65	13.2	10.6	16.0





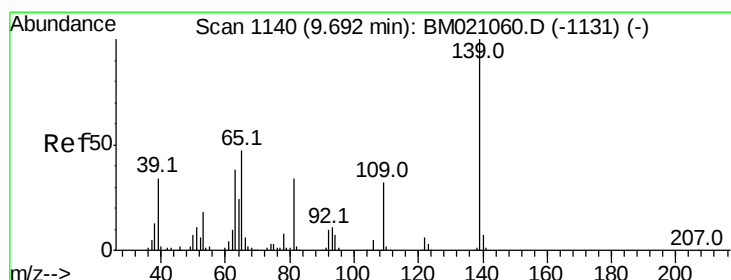
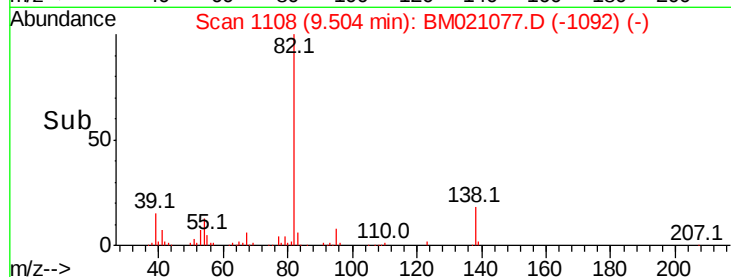
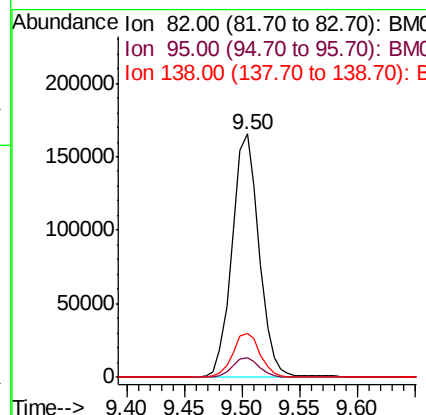
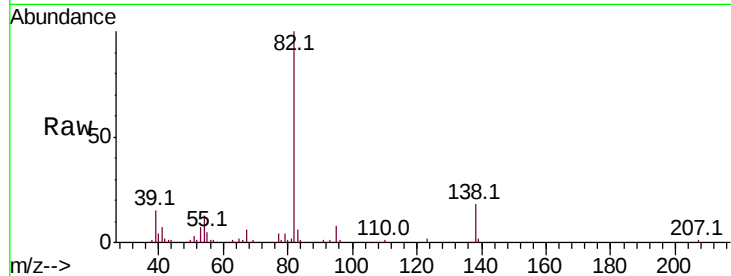
#25
Isophorone
Concen: 7.775 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	268756		
95	7.9		6.1	9.1
138	18.3		15.0	22.6

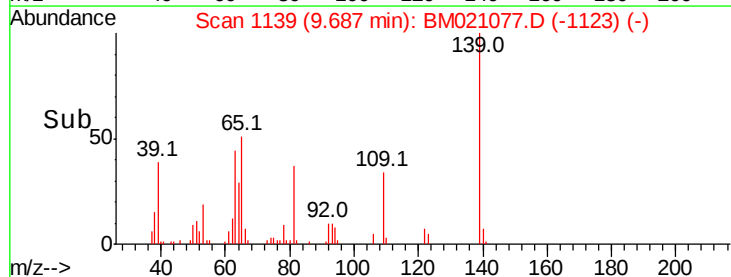
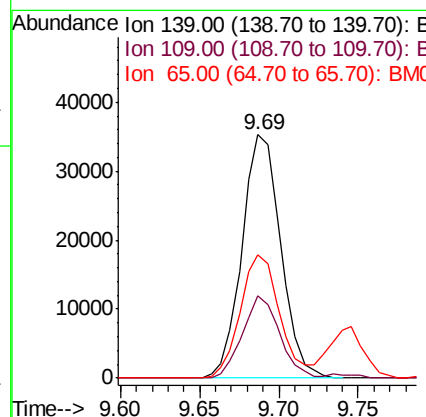
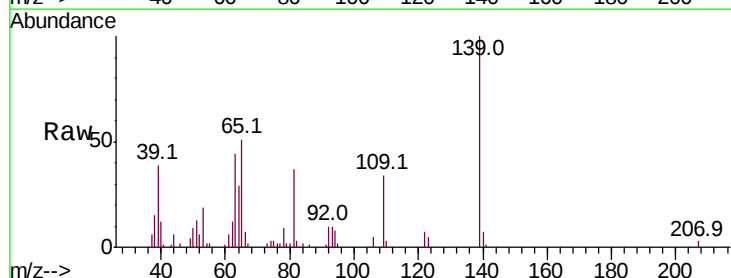
Manual Integrations
APPROVED

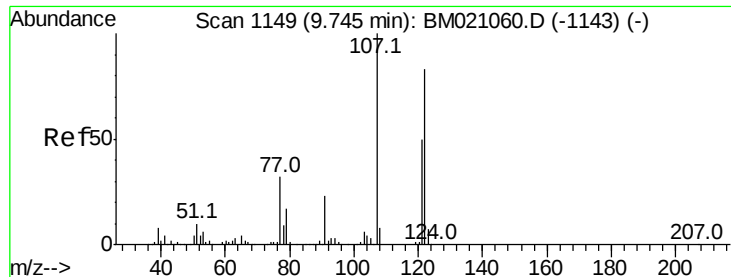
mohammad
6/25/2019 3:22:52 PM



#26
2-Nitrophenol
Concen: 6.676 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	59817		
109	33.8		25.2	37.8
65	50.5		37.4	56.0





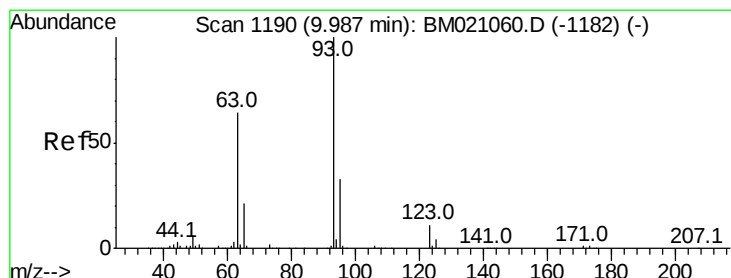
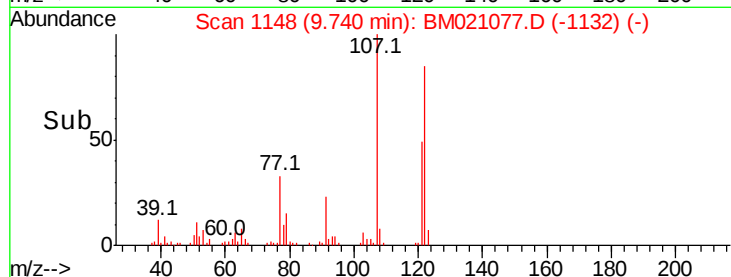
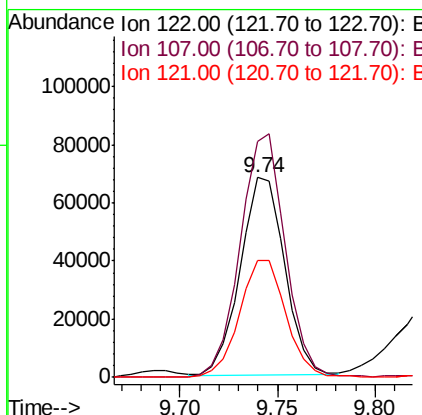
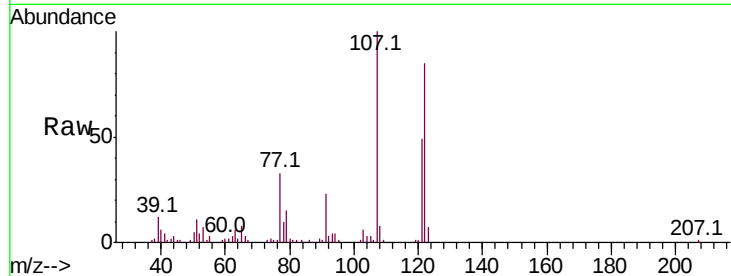
#27
 2,4-Dimethylphenol
 Concen: 8.211 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	107306		
107	118.3	95.3	142.9	
121	58.5	47.5	71.3	

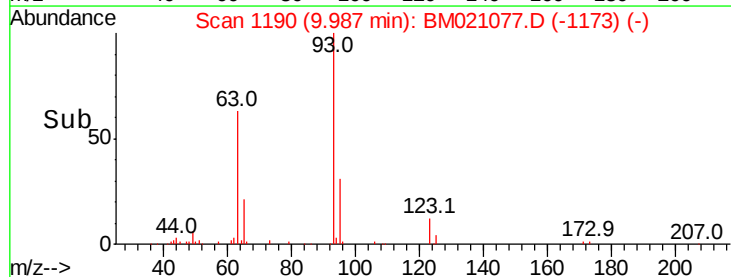
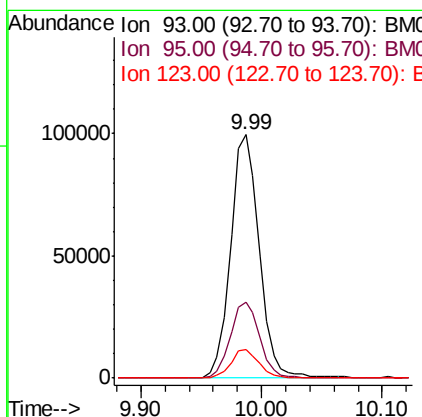
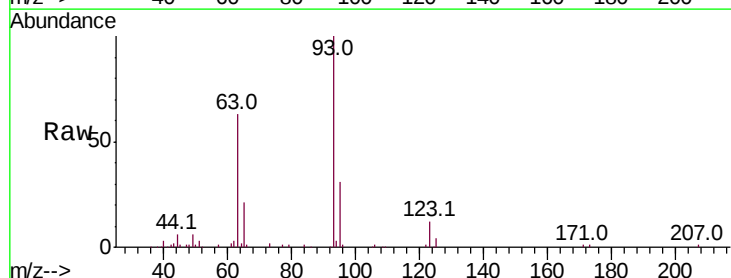
Manual Integrations
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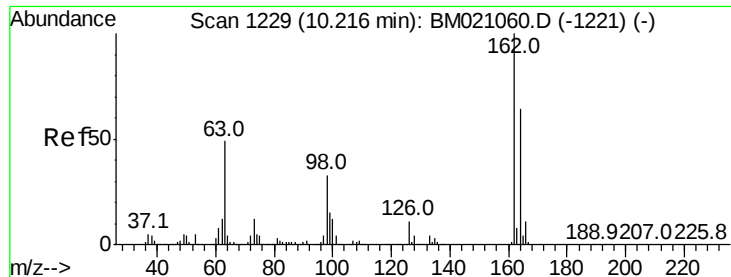
mohammad
 6/25/2019 3:22:52 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.660 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164524		
95	31.3	26.2	39.2	
123	11.5	9.0	13.4	





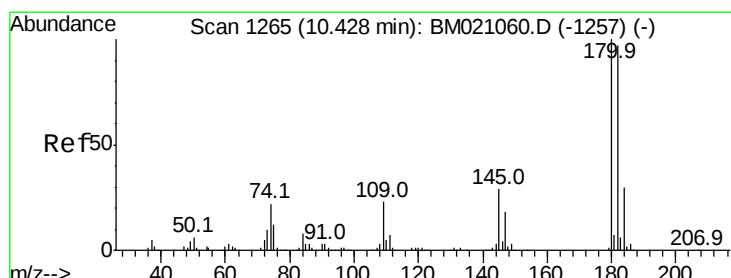
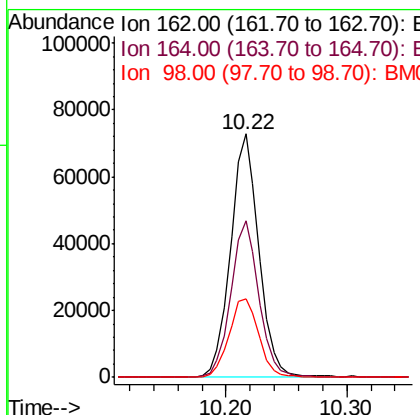
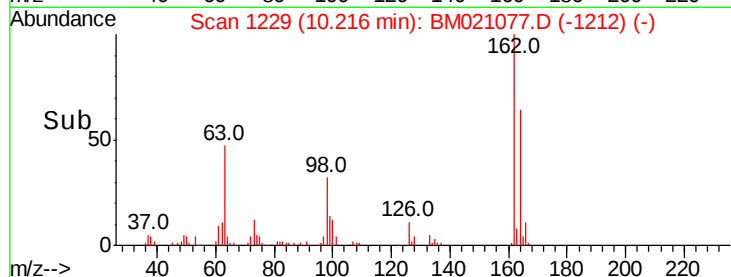
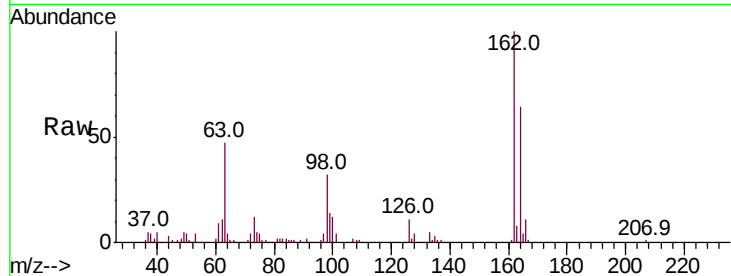
#29
 2,4-Dichlorophenol
 Concen: 7.022 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	43.7	83.7	
98	32.0	13.4	53.4	

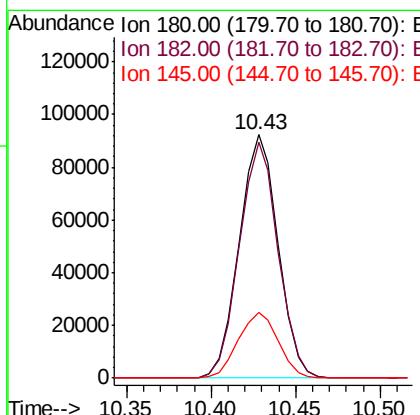
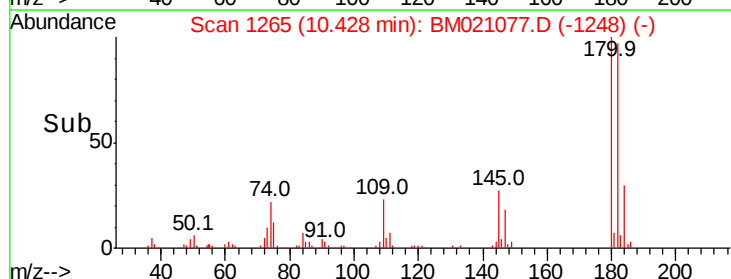
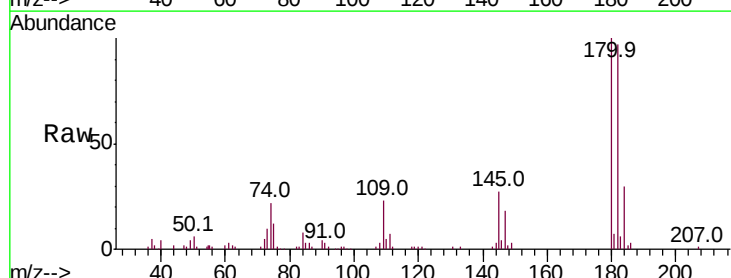
Manual Integrations
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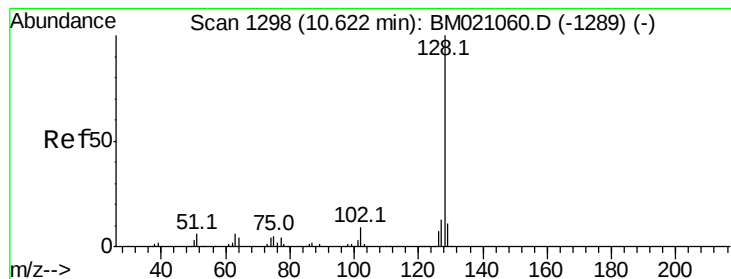
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 7.407 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.1	78.0	117.0	
145	26.7	23.4	35.0	





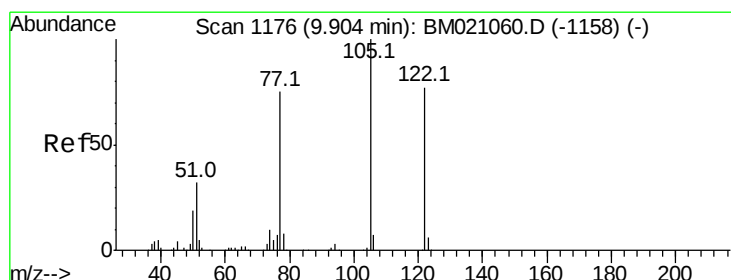
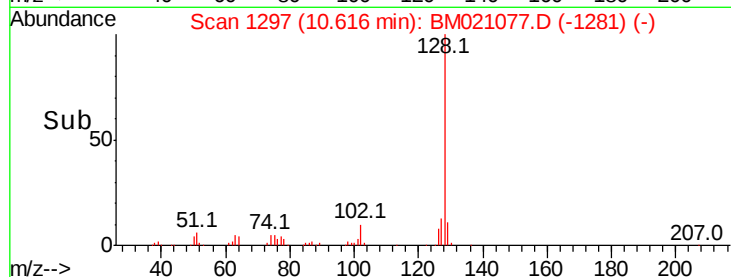
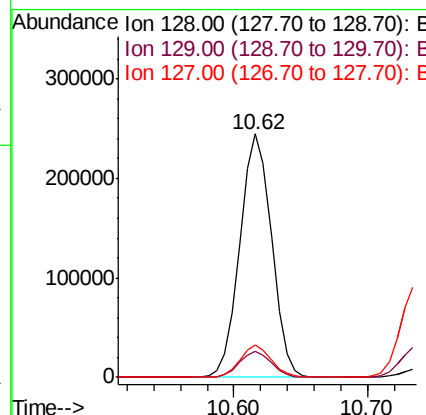
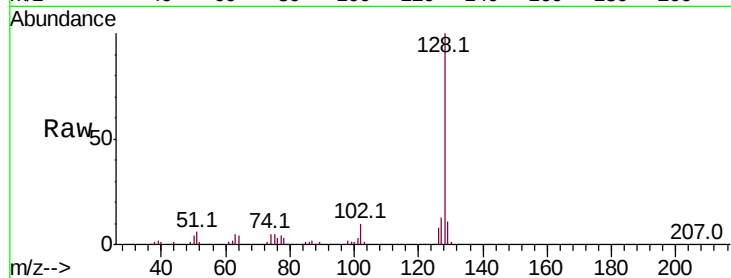
#31
Naphthalene
Concen: 7.914 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	403227		
129	10.6		8.6	13.0
127	13.1		10.8	16.2

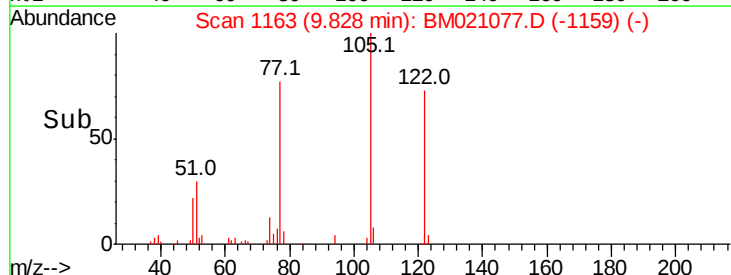
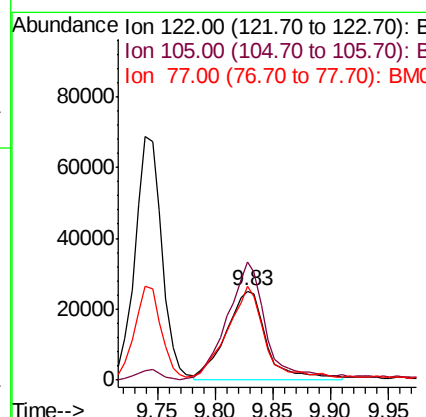
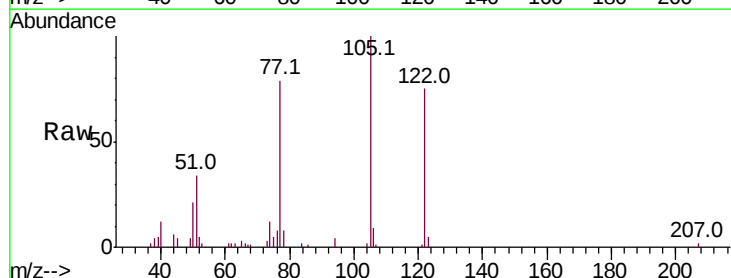
Manual Integrations
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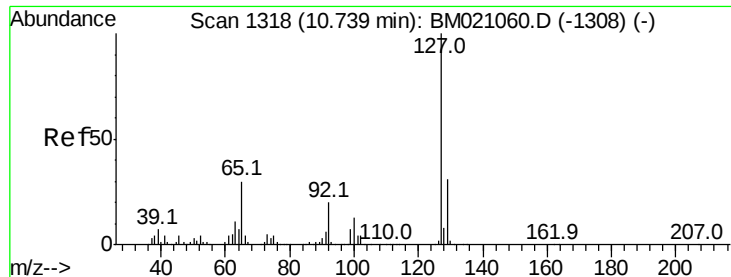
mohammad
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#32
Benzoic acid
Concen: 5.850 ng m
RT: 9.83 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	61853		
105	132.9		108.9	148.9
77	104.7		76.7	116.7





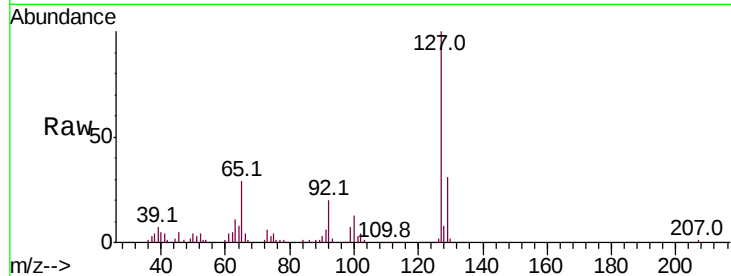
#33
4-Chloroaniline
Concen: 7.208 ng
RT: 10.74 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.9	25.1	37.7	
65	29.3	23.8	35.8	
92	19.8	15.7	23.5	

Manual Integrations
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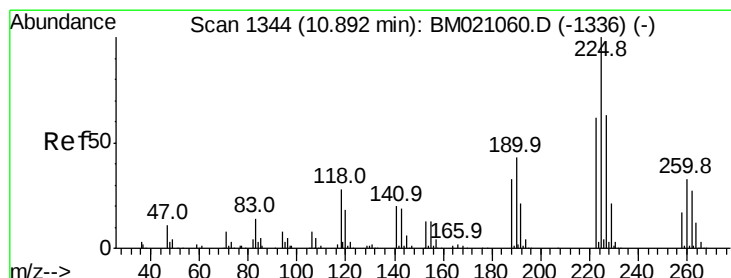
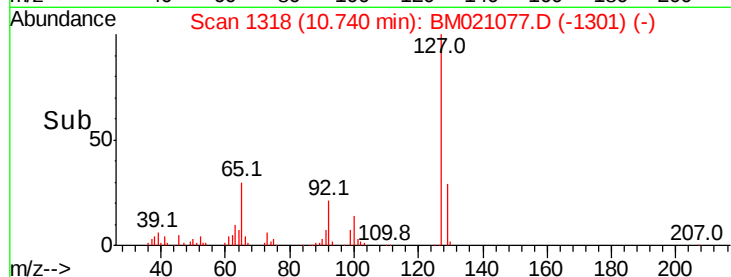
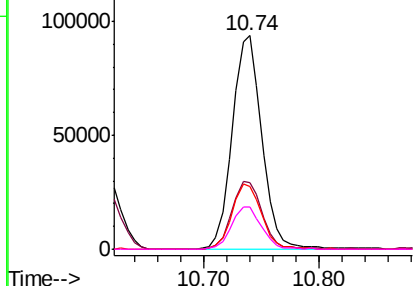
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

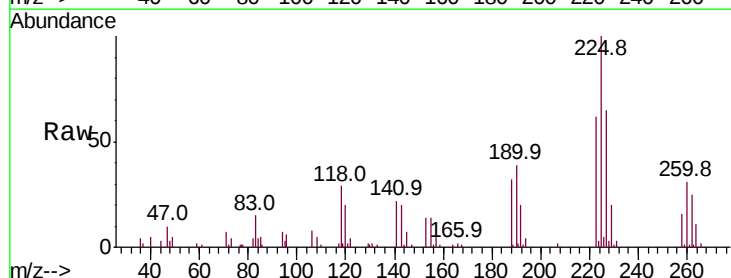
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 7.205 ng
RT: 10.89 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	49.6	74.4	
227	64.7	50.4	75.6	

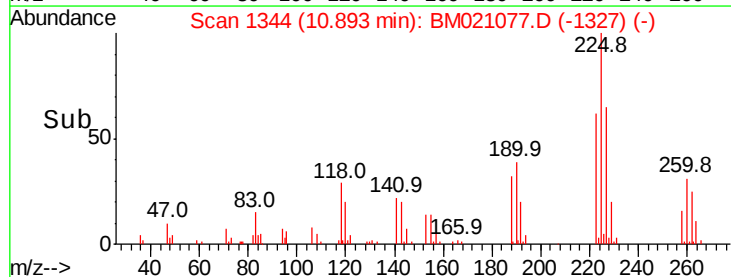
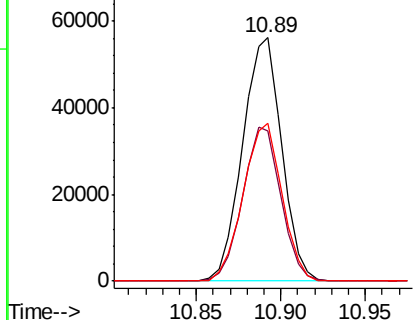


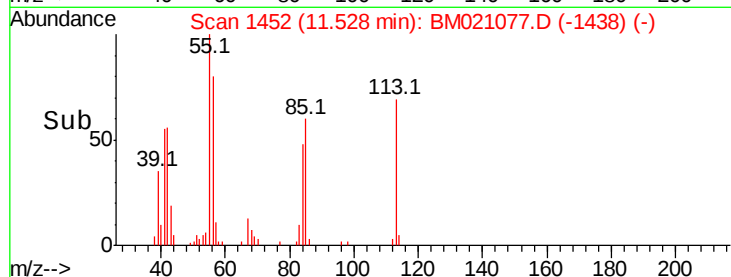
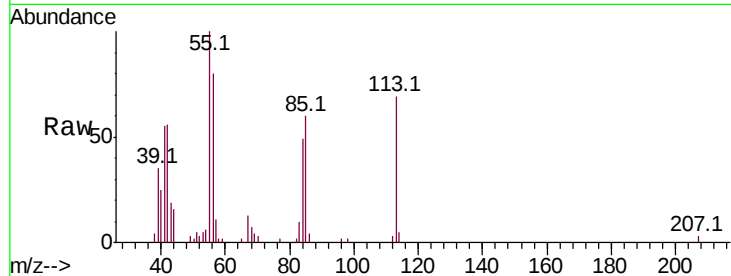
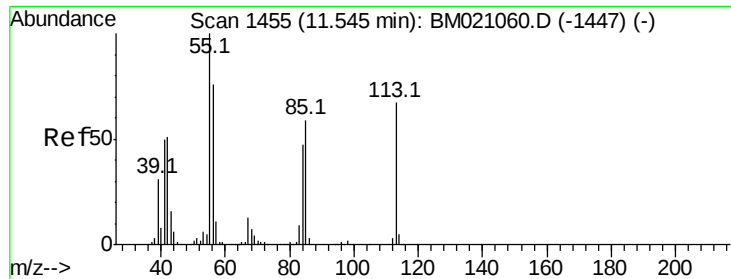
Abundance

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





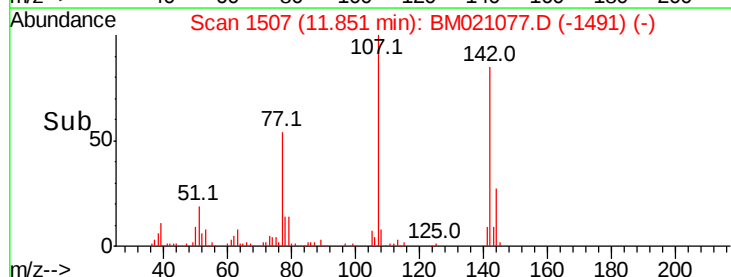
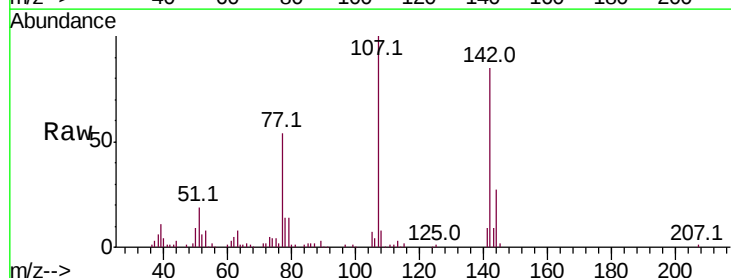
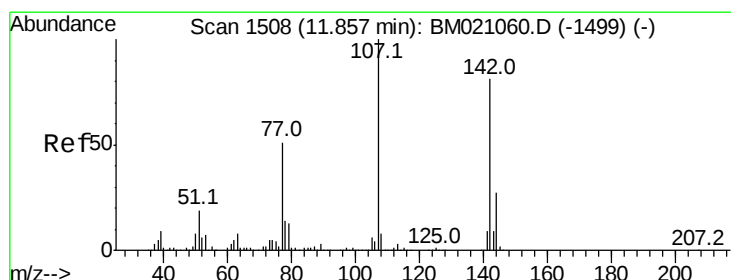
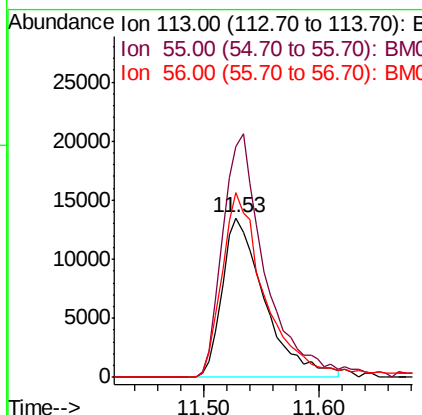
#35
Caprolactam
Concen: 6.568 ng
RT: 11.53 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion:113 Resp: 34748
Ion Ratio Lower Upper
113 100
55 145.1 129.8 169.8
56 116.2 94.3 134.3

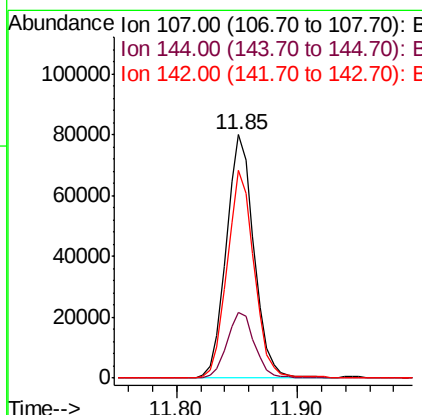
Manual Integrations
APPROVED

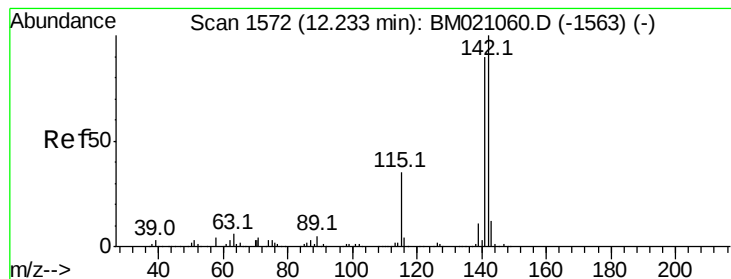
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 7.410 ng
RT: 11.85 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:107 Resp: 127533
Ion Ratio Lower Upper
107 100
144 27.2 21.3 31.9
142 85.2 64.9 97.3





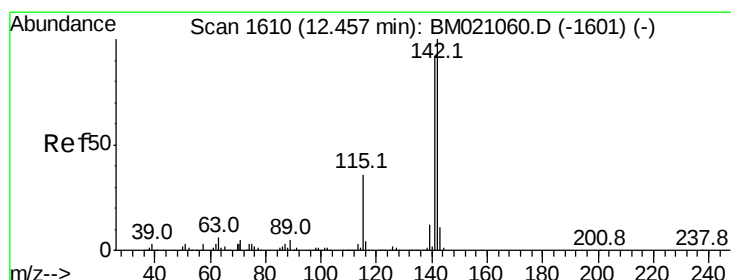
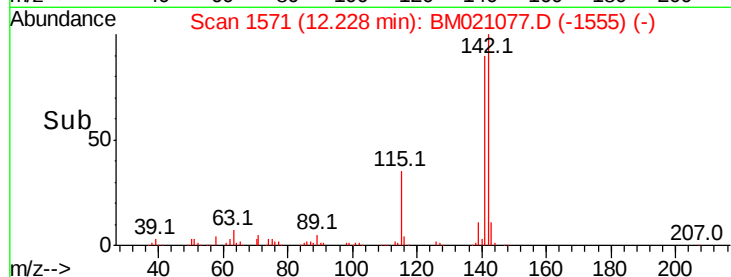
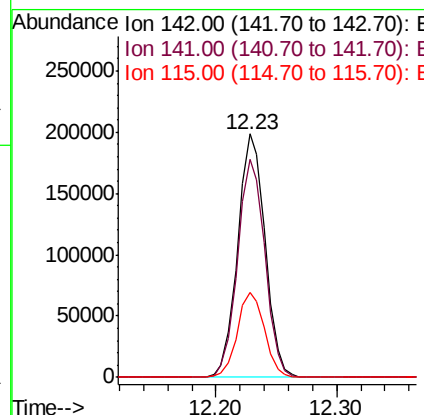
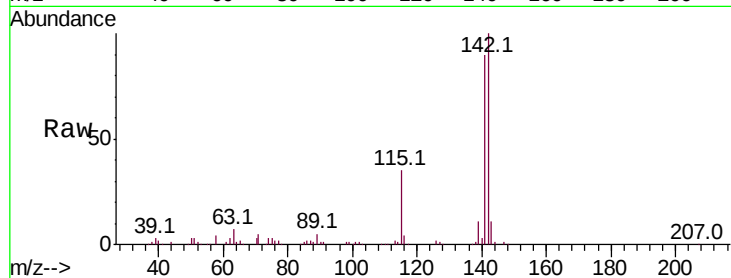
#37
 2-Methylnaphthalene
 Concen: 8.011 ng
 RT: 12.23 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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	35.1	27.9	41.9

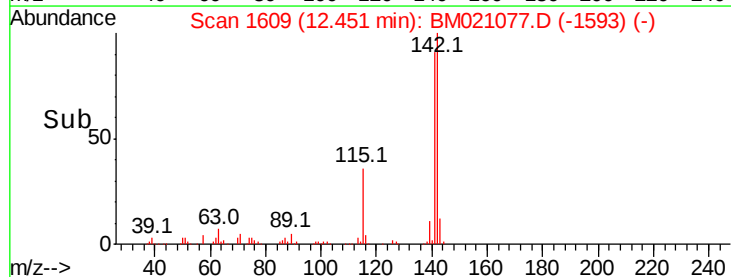
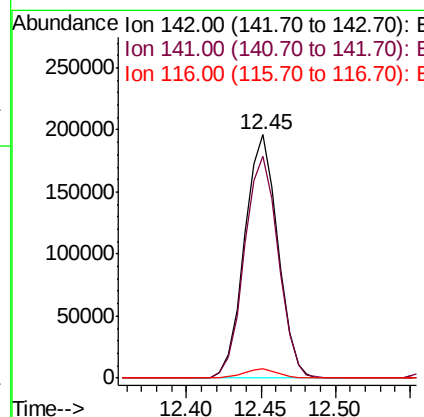
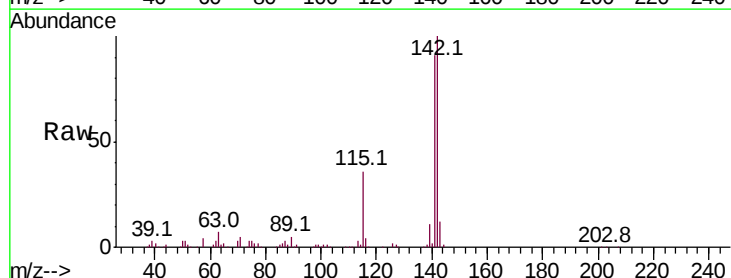
Manual Integrations
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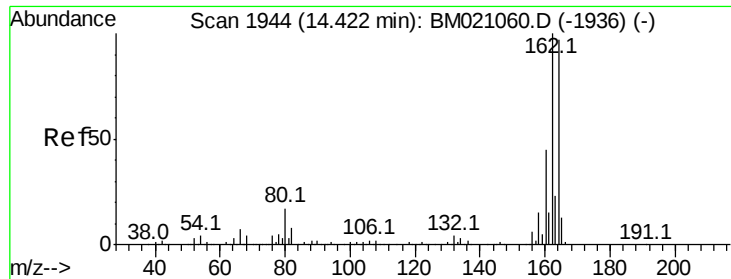
mohammad
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#38
 1-Methylnaphthalene
 Concen: 8.087 ng
 RT: 12.45 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9
116	3.9	3.0	4.6





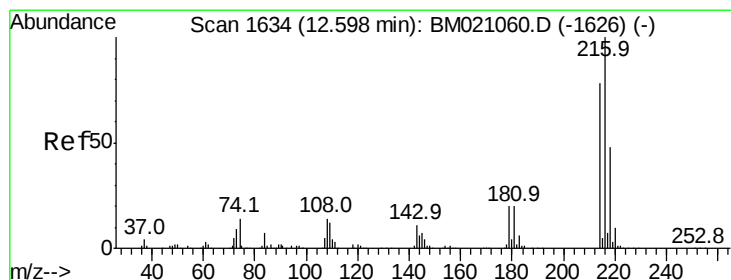
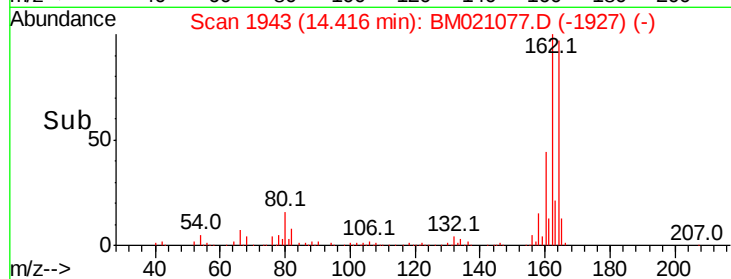
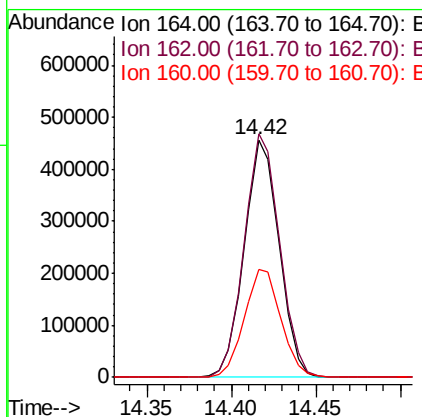
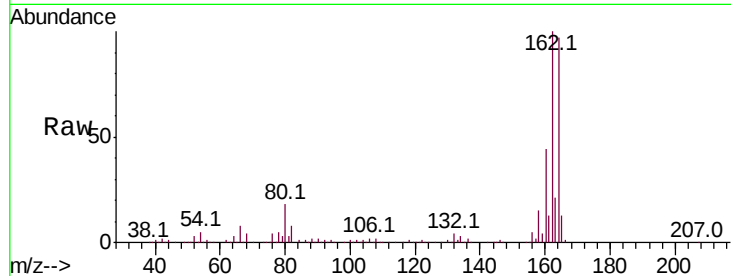
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	45.3	37.1	55.7

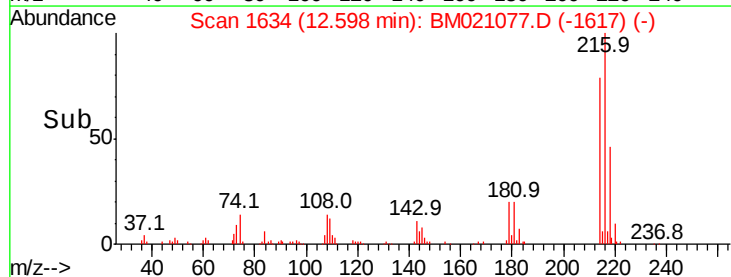
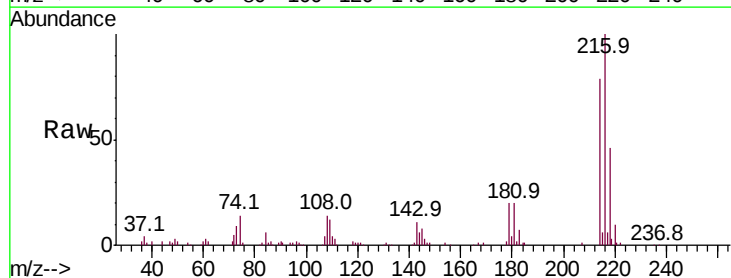
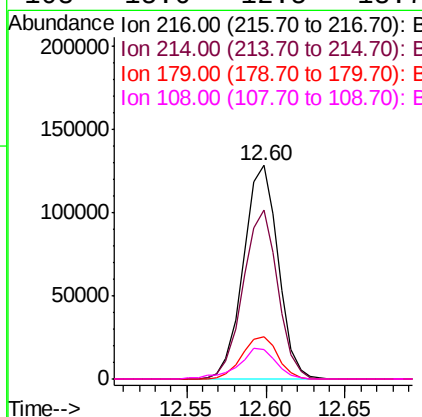
Manual Integrations
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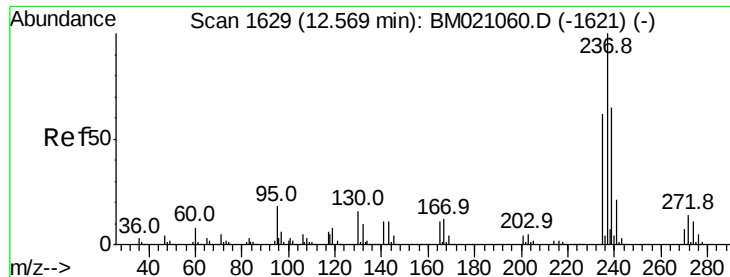
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.836 ng
RT: 12.60 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.6
179	20.3	16.4	24.6
108	15.6	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 6.771 ng

RT: 12.57 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

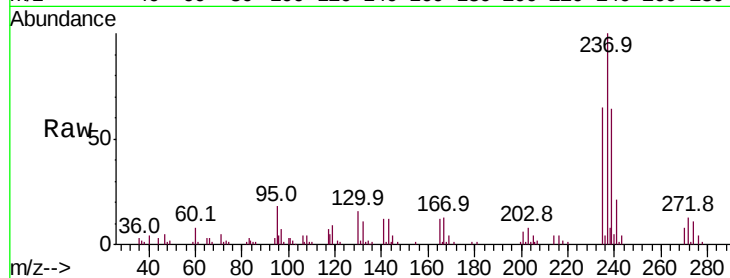
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

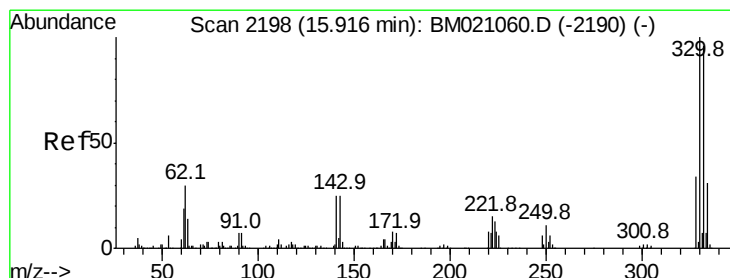
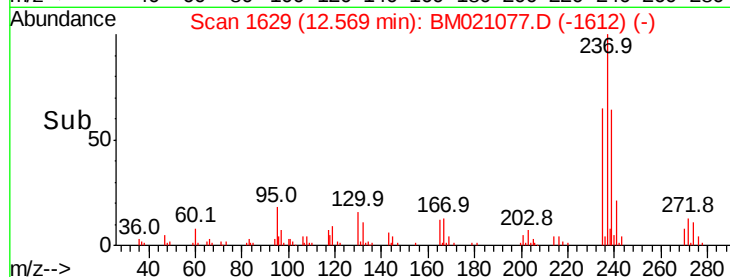
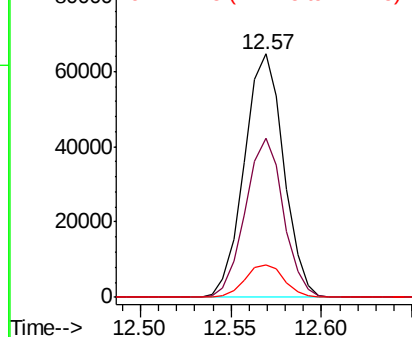
Tot Ion:	237	Resp:	97624
Ion Ratio	Lower	Upper	
237	100		
235	65.1	41.7	81.7
272	13.5	0.0	34.1

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: 132.869 ng

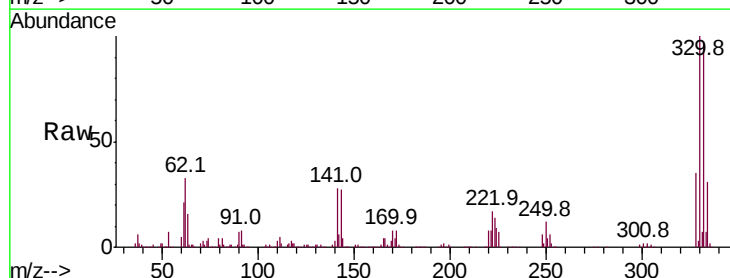
RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

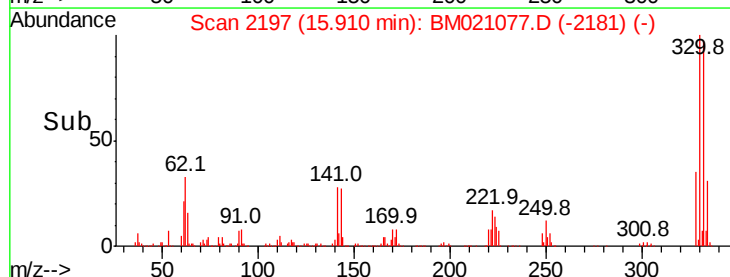
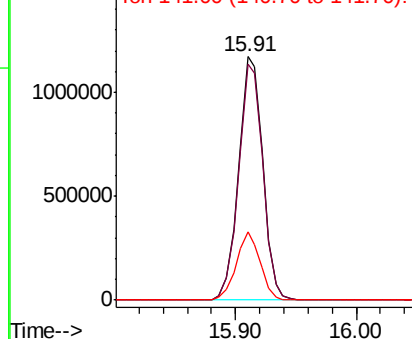
Lab File: BM021077.D

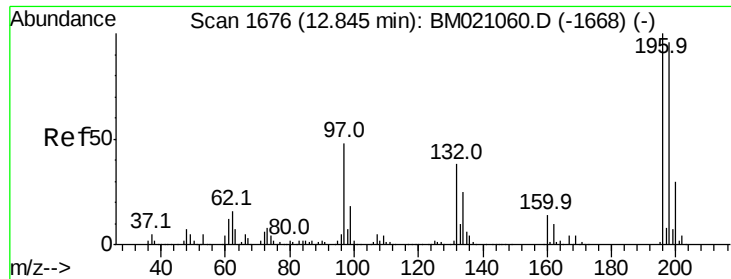
Acq: 21 Jun 2019 09:53

Tgt Ion:	330	Resp:	1638204
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.1	115.7
141	27.5	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





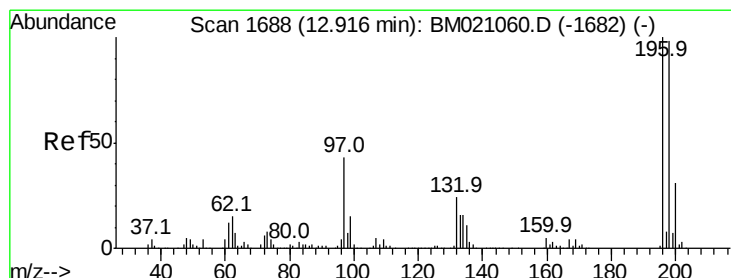
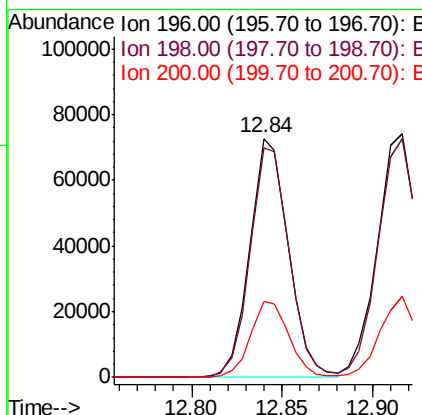
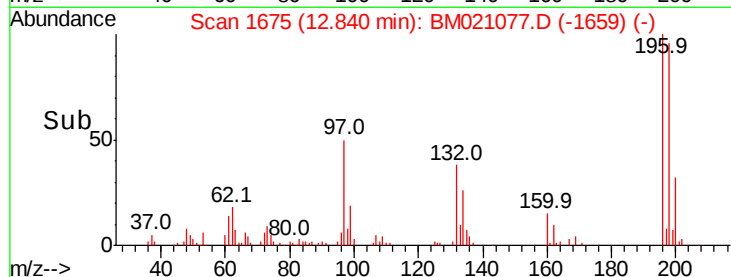
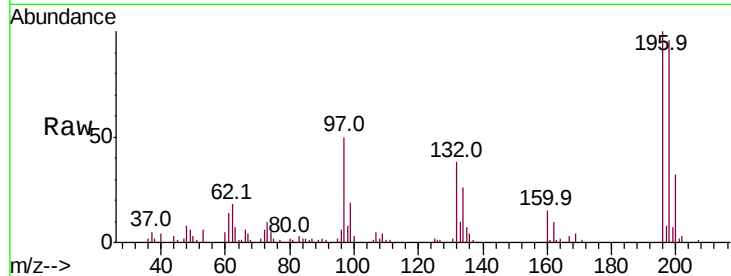
#43
 2,4,6-Trichlorophenol
 Concen: 6.561 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107976		
198	96.0		76.7	115.1
200	31.7		24.2	36.4

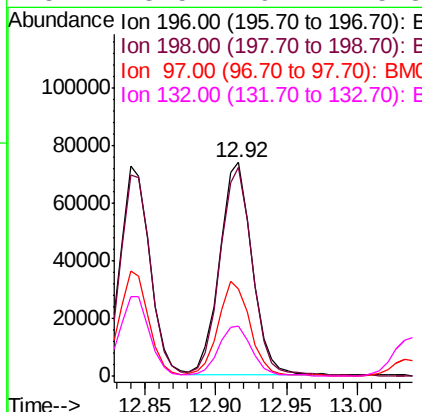
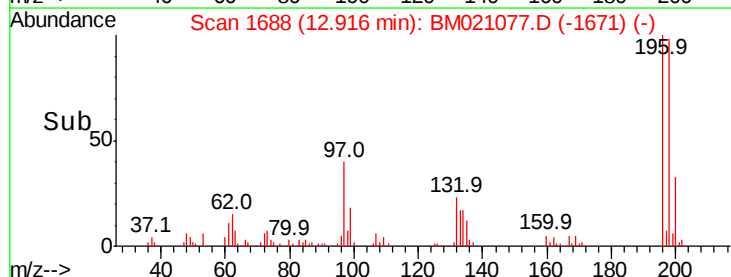
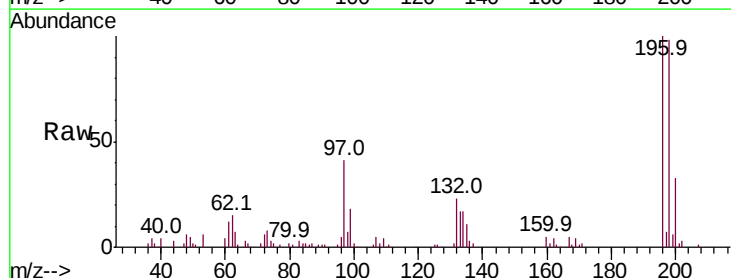
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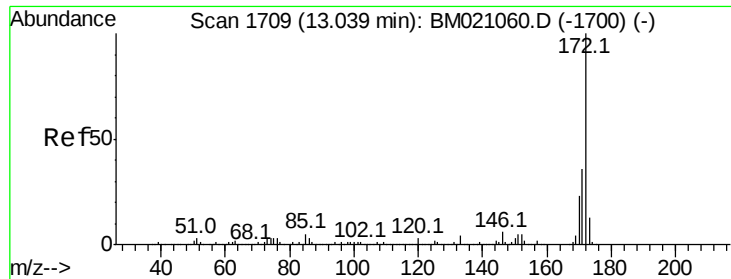
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 6.891 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117439		
198	97.9		78.2	117.4
97	40.9		34.1	51.1
132	23.5		19.2	28.8





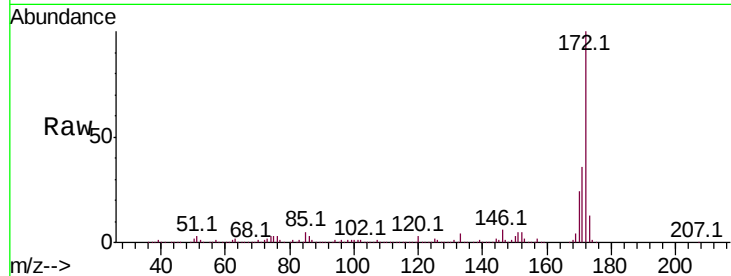
#45
2-Fluorobiphenyl
Concen: 88.015 ng
RT: 13.04 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

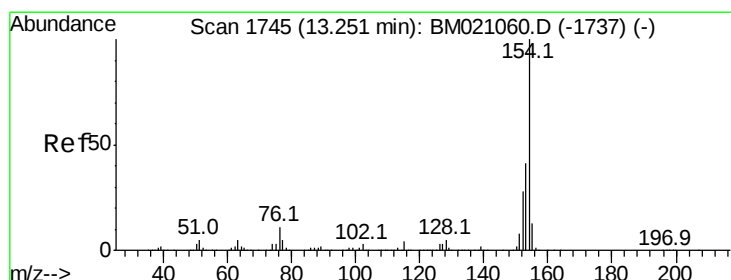
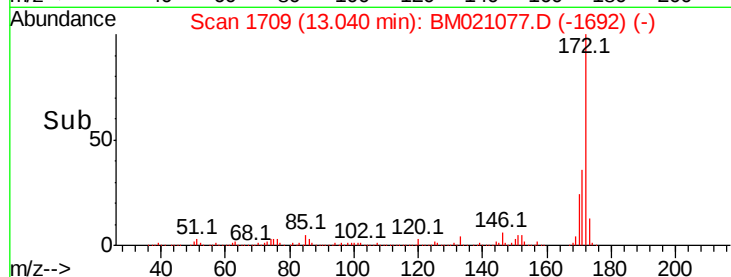
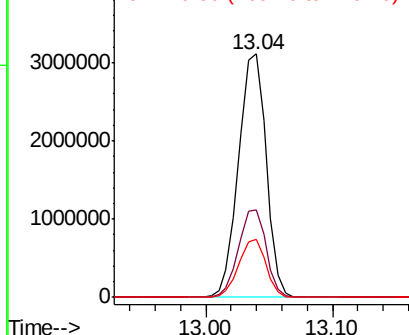
Tot Ion:172 Resp: 4705561
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 18.7 28.1

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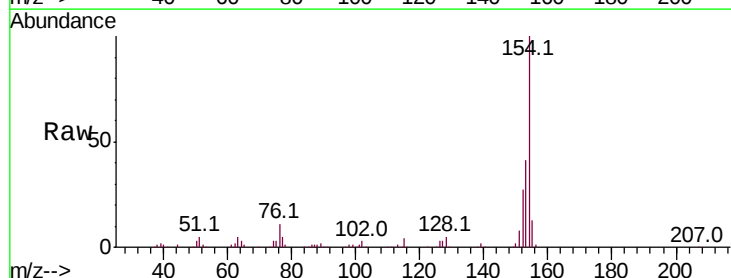


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

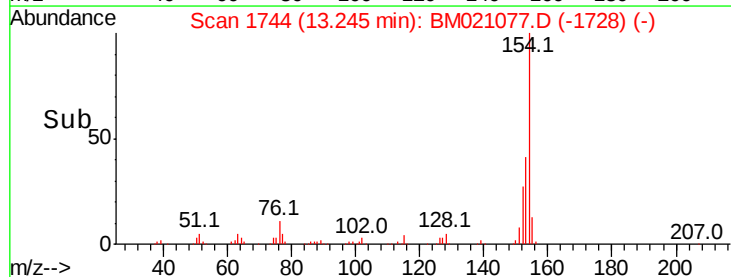
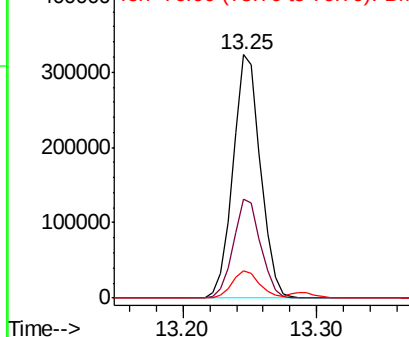


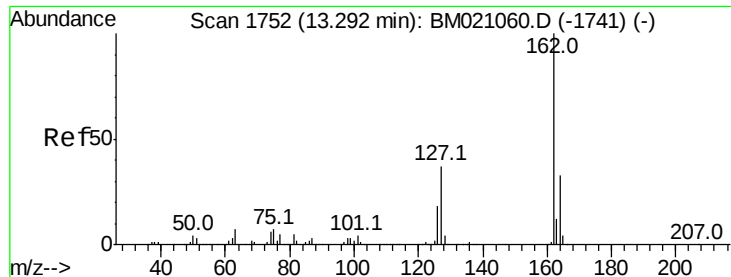
#46
1,1'-Biphenyl
Concen: 8.217 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:154 Resp: 462078
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 11.4 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 7.439 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

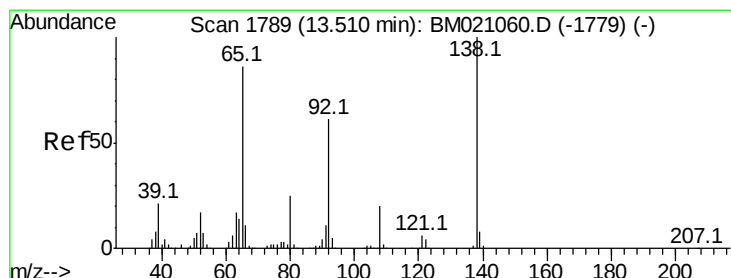
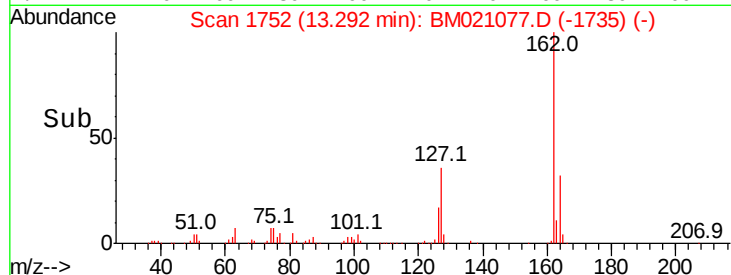
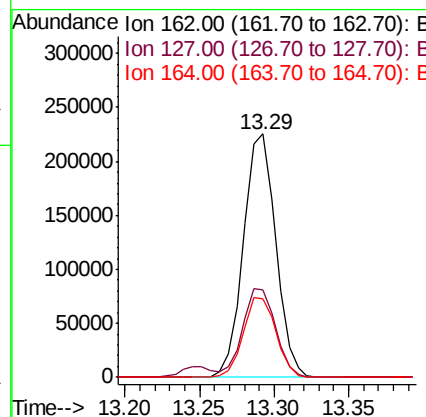
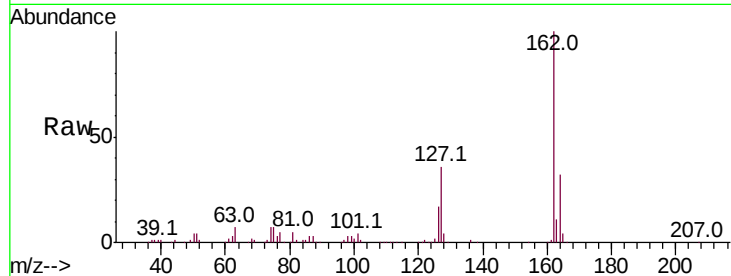
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	162	Resp:	339779
Ion Ratio	Lower	Upper	
162	100		
127	35.8	29.4	44.2
164	32.4	26.5	39.7

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#48

2-Nitroaniline

Concen: 6.291 ng

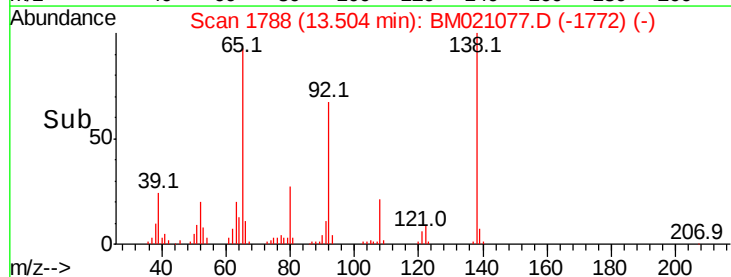
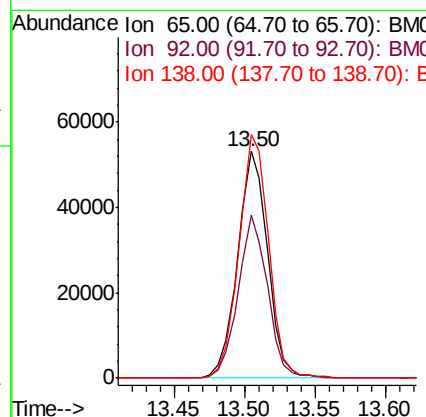
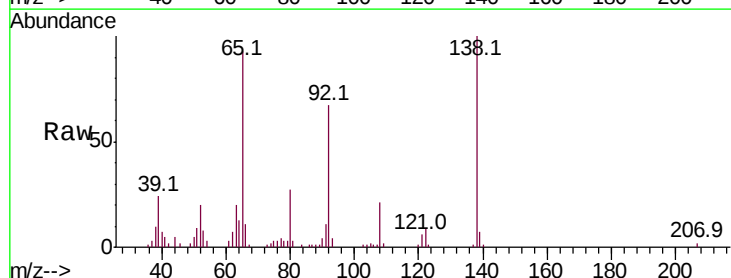
RT: 13.50 min Scan# 1788

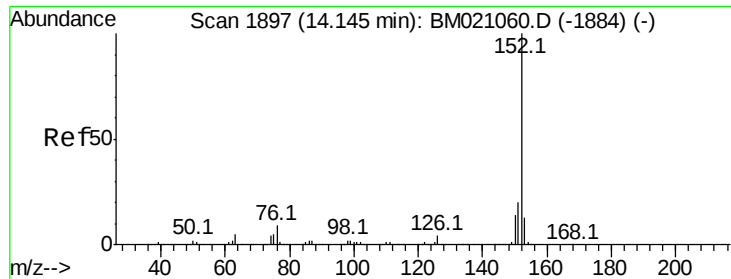
Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion:	65	Resp:	78601
Ion Ratio	Lower	Upper	
65	100		
92	71.8	56.3	84.5
138	107.5	92.6	139.0





#49

Acenaphthylene

Concen: 7.683 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

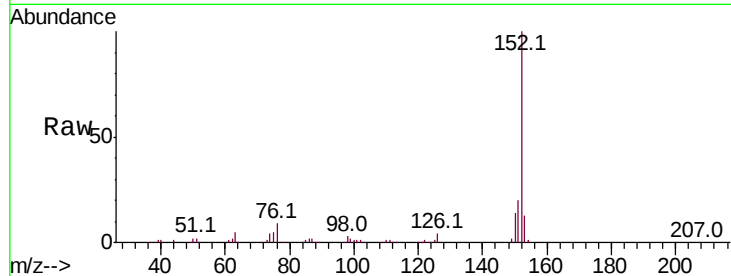
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

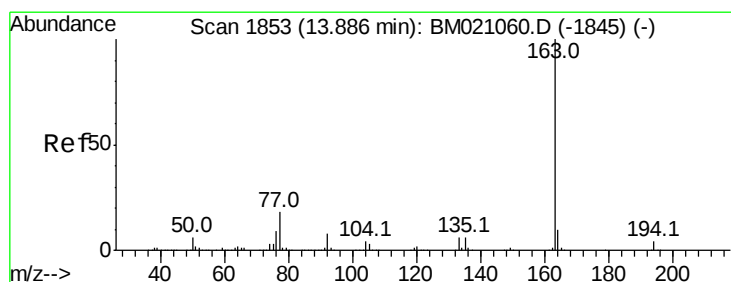
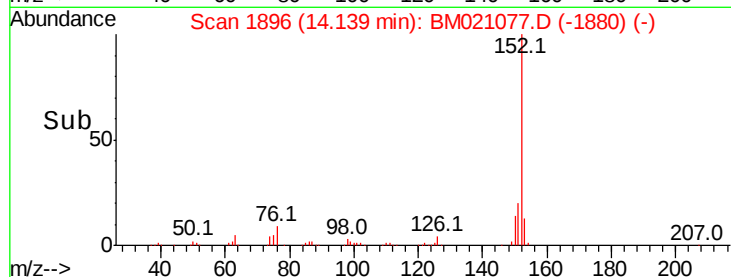
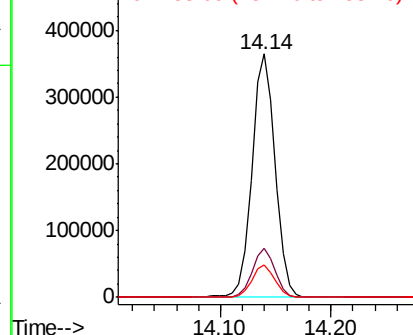
Tot Ion:	152	Resp:	533992
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.3	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.626 ng

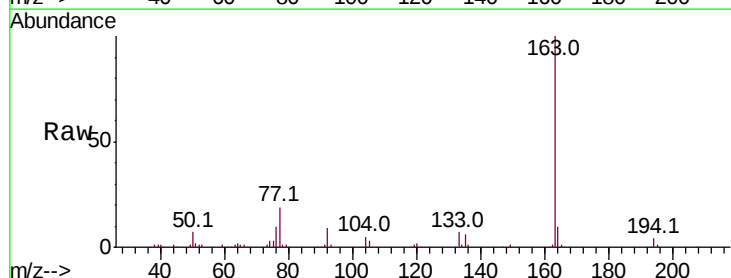
RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

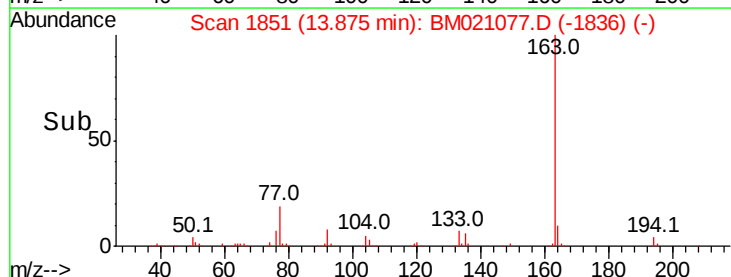
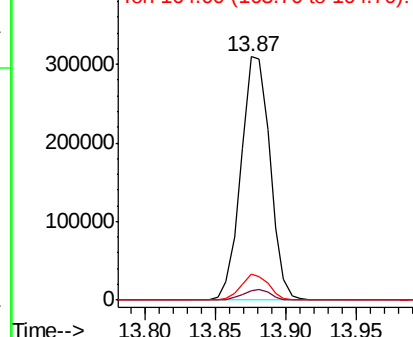
Lab File: BM021077.D

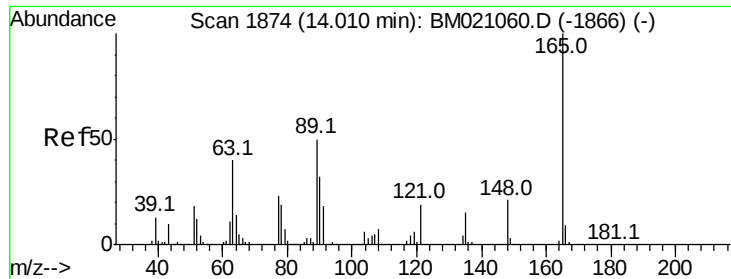
Acq: 21 Jun 2019 09:53

Tgt Ion:	163	Resp:	445500
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	10.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
400000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





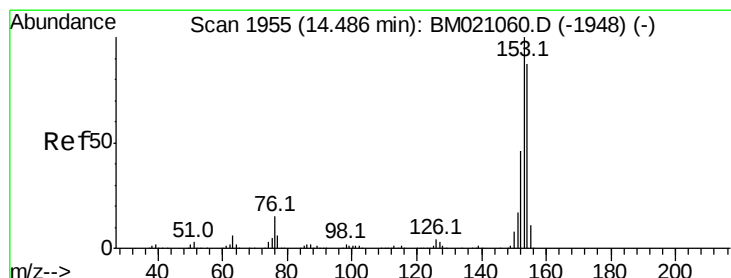
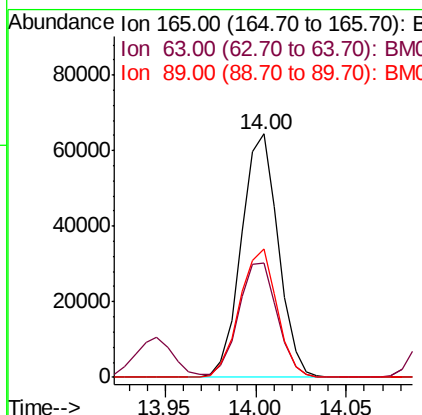
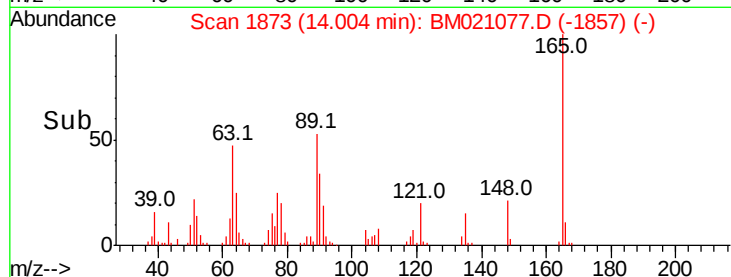
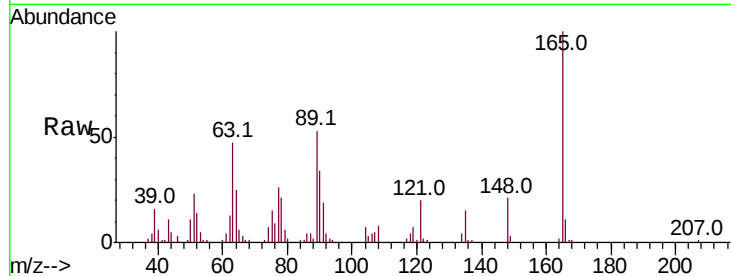
#51
 2,6-Dinitrotoluene
 Concen: 7.234 ng
 RT: 14.00 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion:	165	Resp:	90914
Ion Ratio	Lower	Upper	
165	100		
63	47.0	37.8	56.6
89	52.6	39.7	59.5

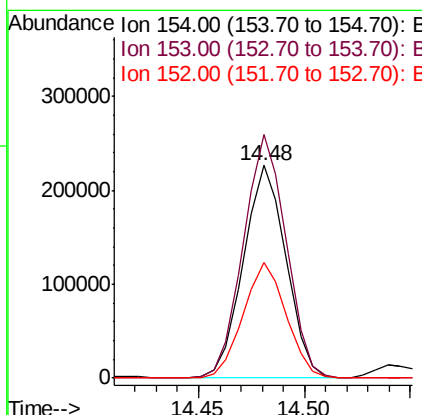
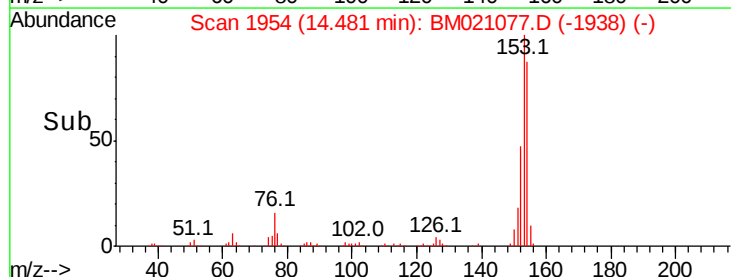
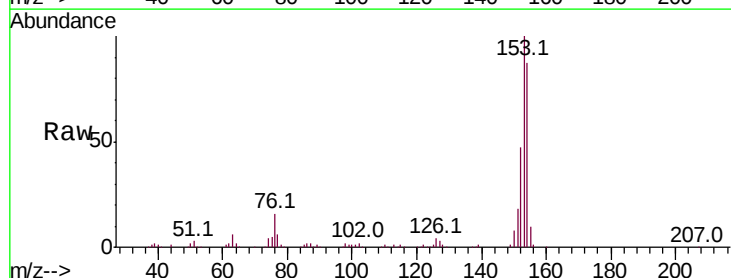
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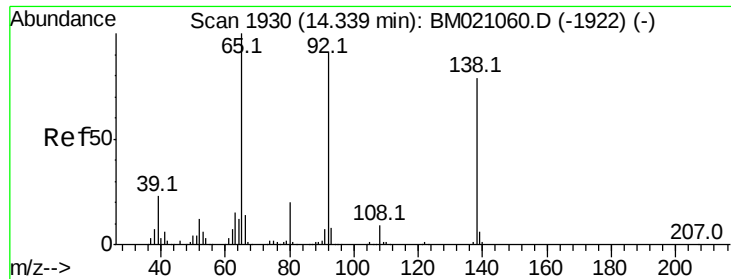
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#52
 Acenaphthene
 Concen: 7.616 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion:	154	Resp:	319411
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.5	137.3
152	54.2	42.3	63.5





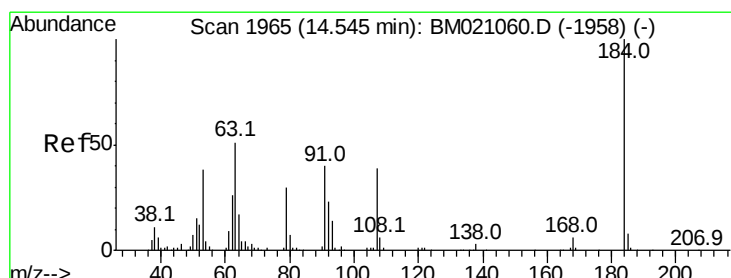
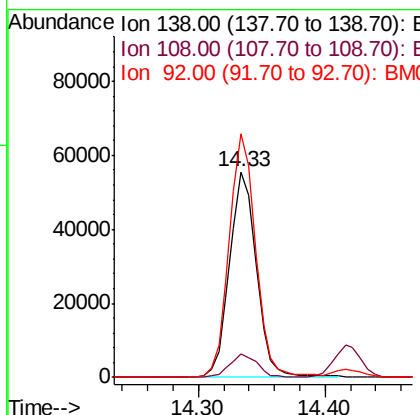
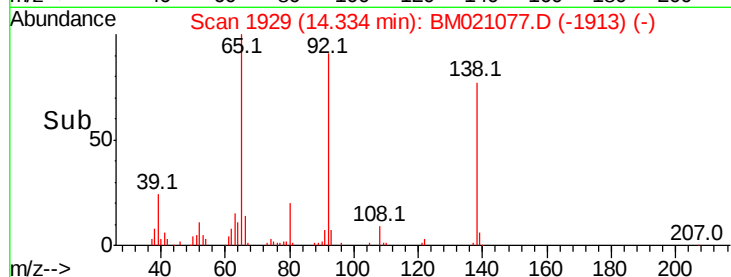
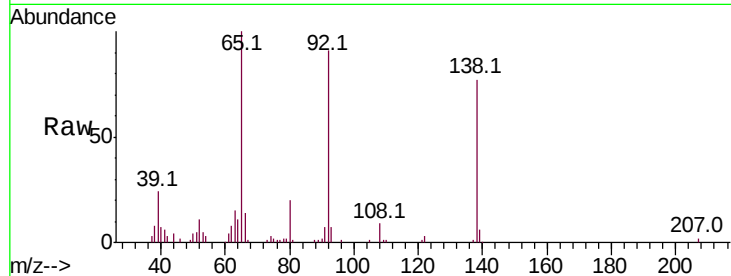
#53
3-Nitroaniline
Concen: 6.343 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.0	13.4
92	118.5	92.2	138.2

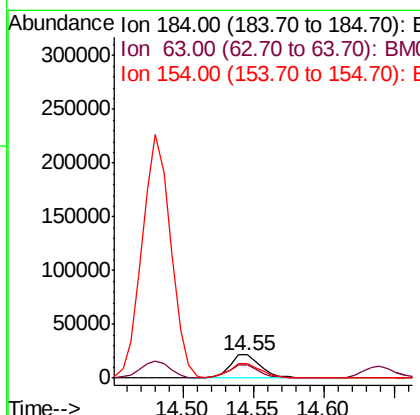
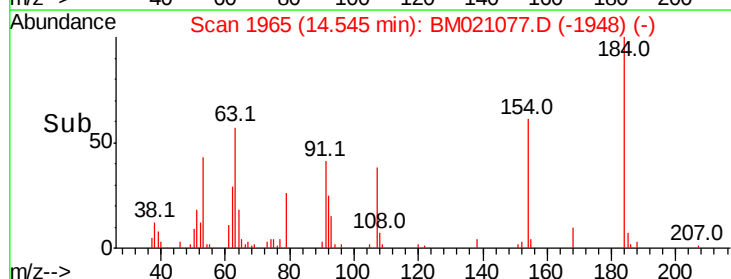
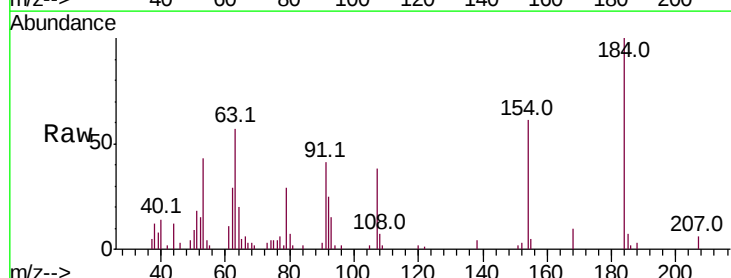
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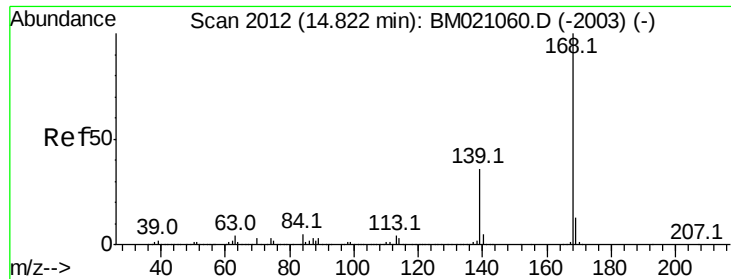
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#54
2,4-Dinitrophenol
Concen: 4.973 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	45.5	68.3
154	60.6	50.6	76.0





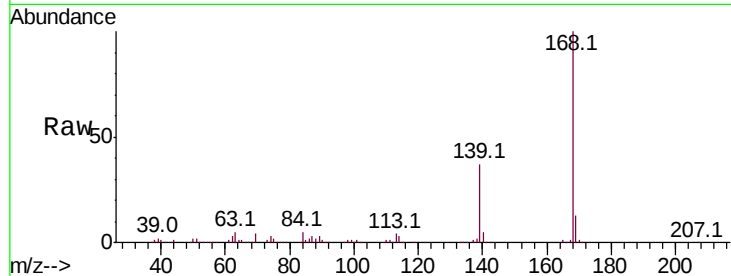
#55
Dibenzofuran
Concen: 7.892 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.1	28.4	42.6	
169	13.5	10.6	16.0	

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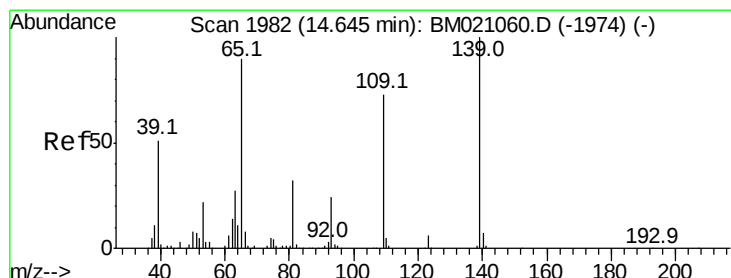
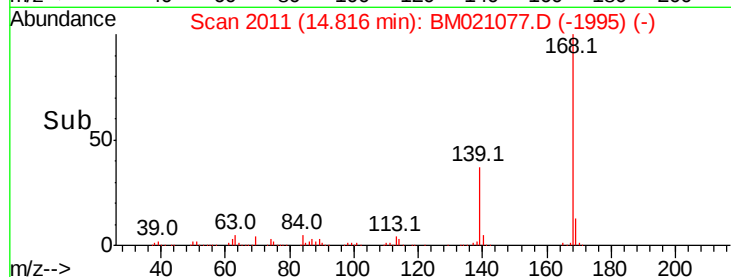
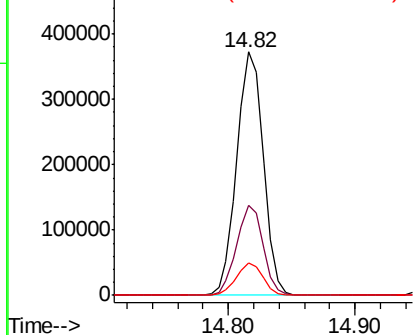


Abundance

Ion 168.00 (167.70 to 168.70): E

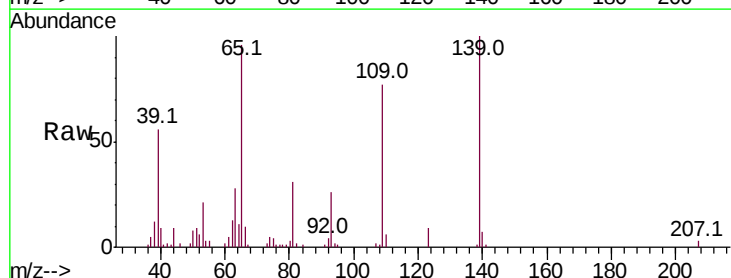
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 6.459 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	76.9	53.3	93.3	
65	96.2	70.3	110.3	

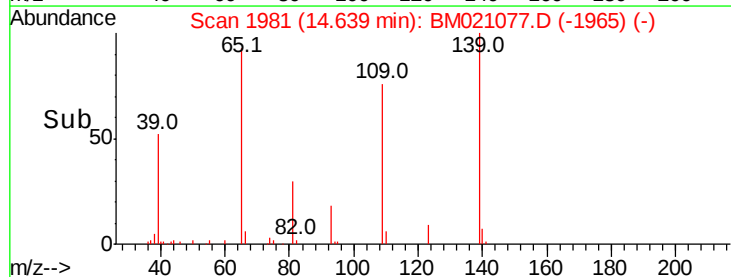
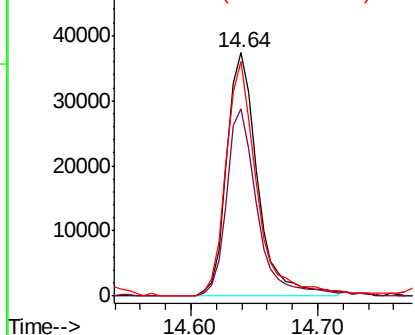


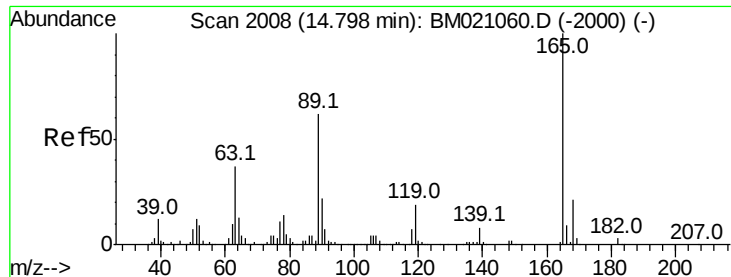
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





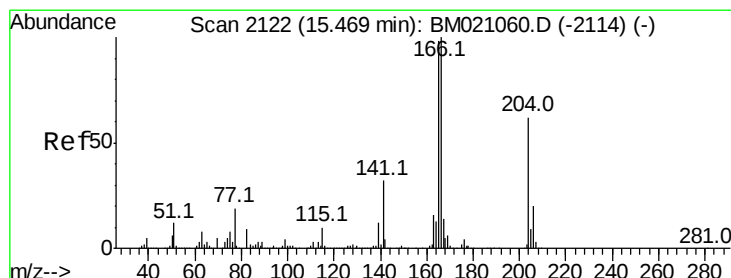
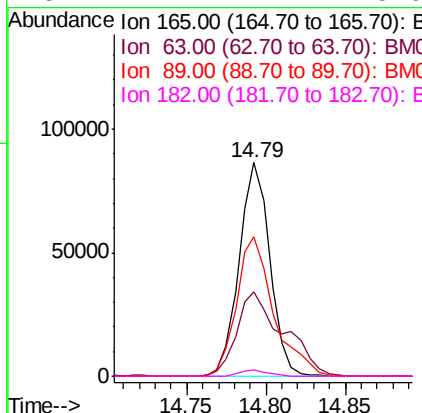
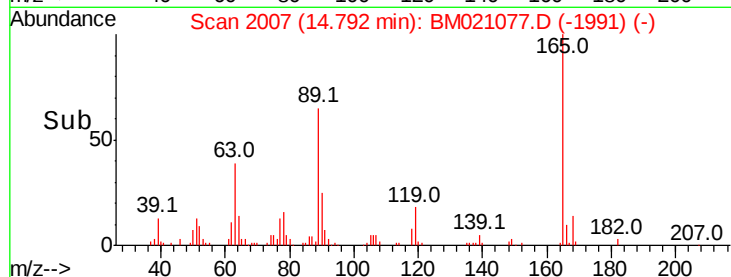
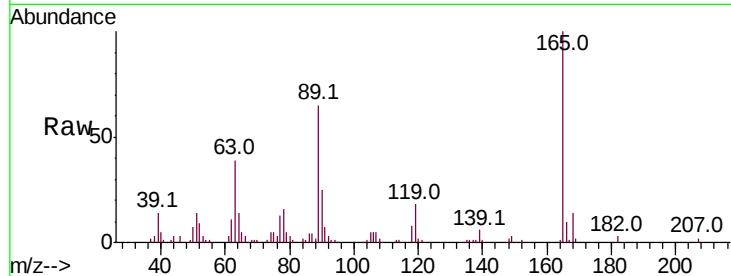
#57
 2,4-Dinitrotoluene
 Concen: 6.684 ng
 RT: 14.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.5	29.6	44.4	
89	65.4	49.5	74.3	
182	2.7	2.4	3.6	

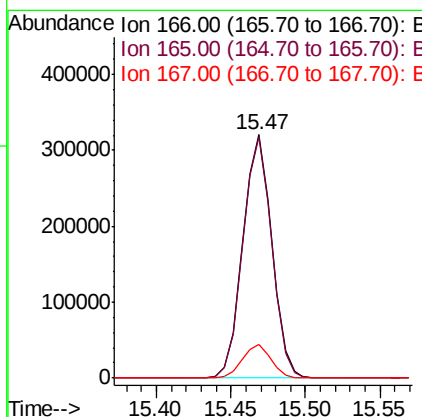
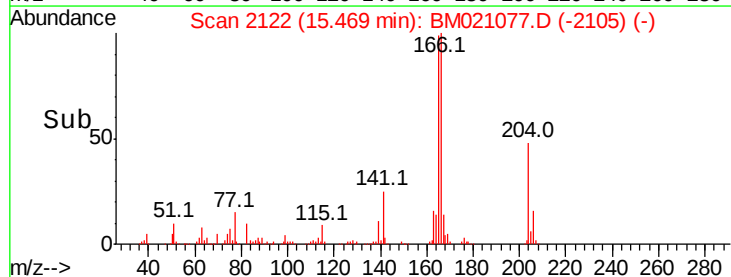
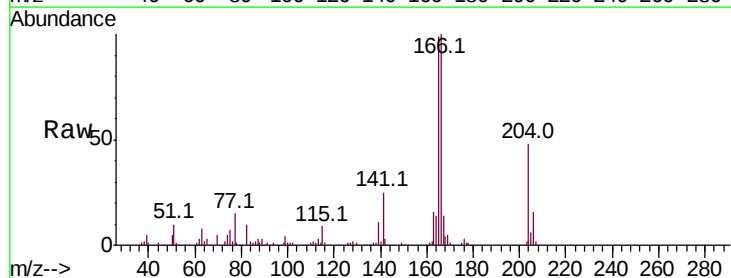
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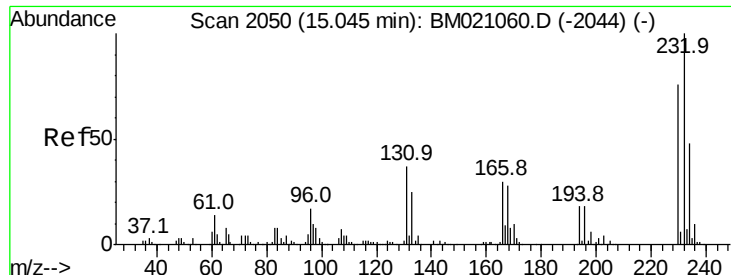
mohammad
 6/25/2019 3:22:52 PM



#58
 Fluorene
 Concen: 7.716 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	78.6	117.8	
167	13.8	10.9	16.3	





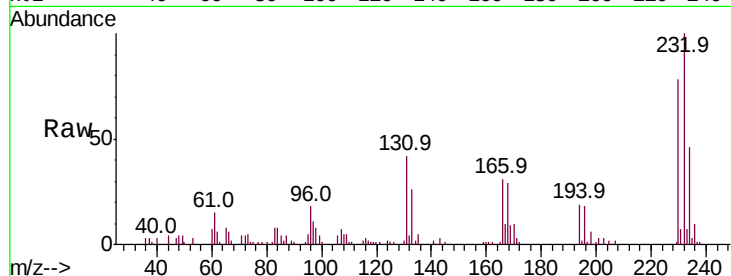
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.171 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	116773		
131	40.6		30.6	46.0
130	2.0		1.7	2.5
166	32.1		23.4	35.0

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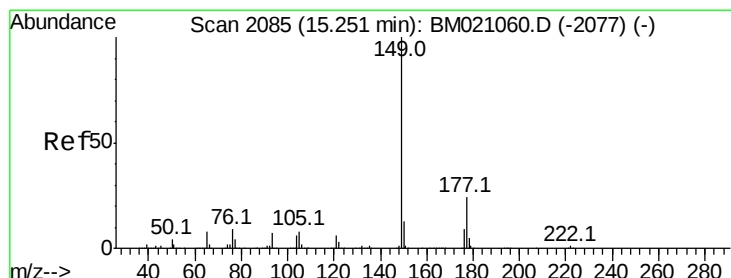
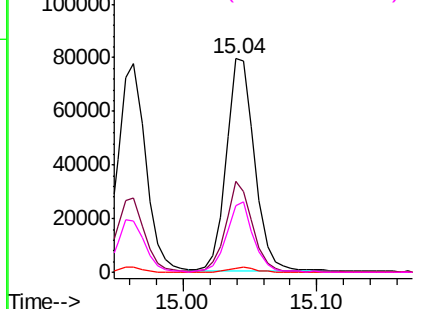
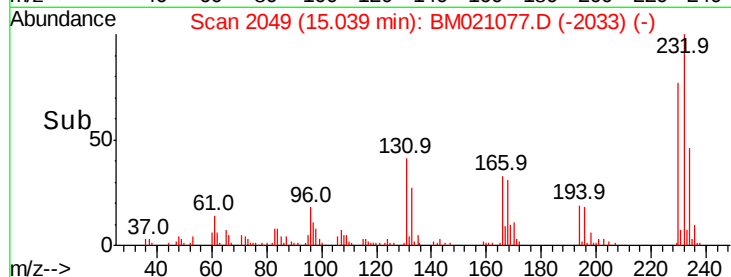
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

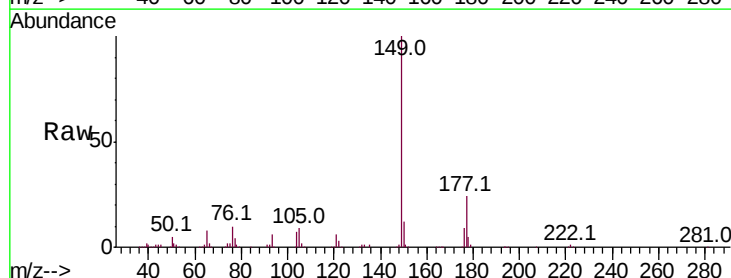
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 7.559 ng
 RT: 15.25 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	434900		
177	23.5		19.1	28.7
150	12.4		10.1	15.1

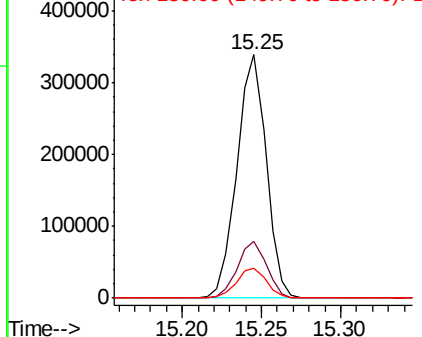
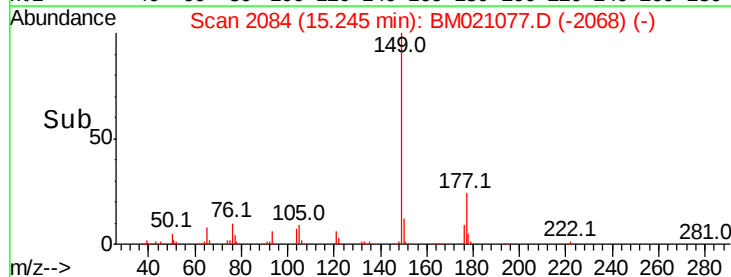


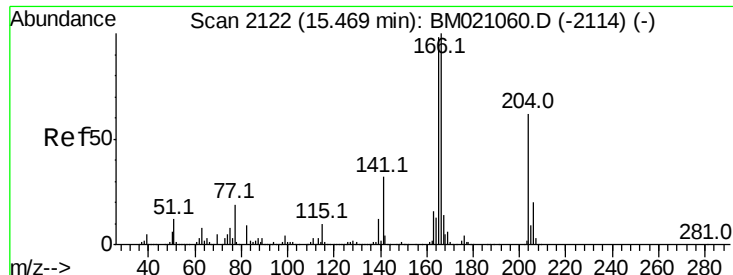
Abundance

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





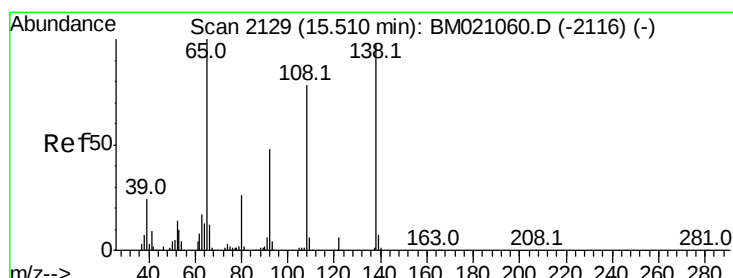
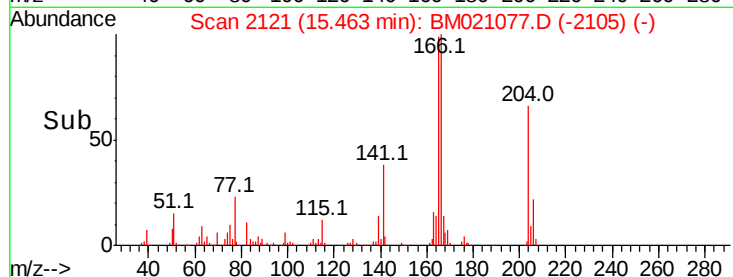
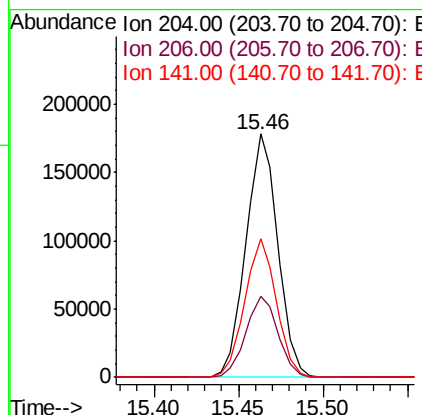
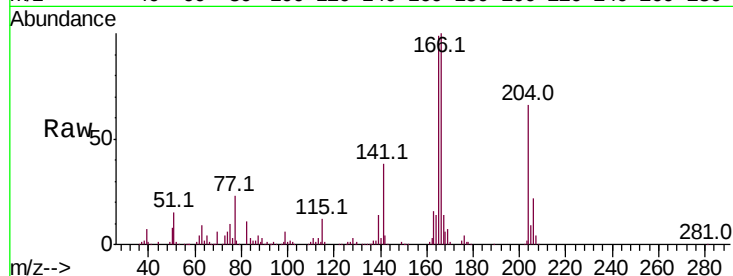
#61
4-Chlorophenyl-phenylether
Concen: 7.437 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.2	26.1	39.1	
141	57.0	40.7	61.1	

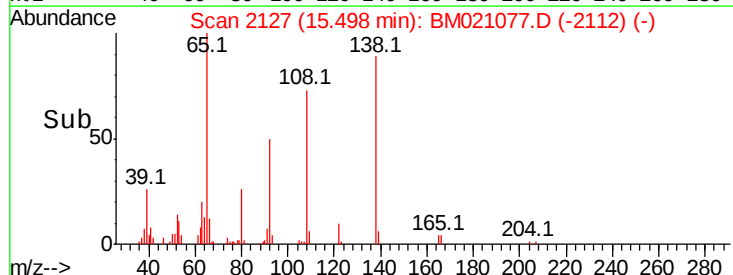
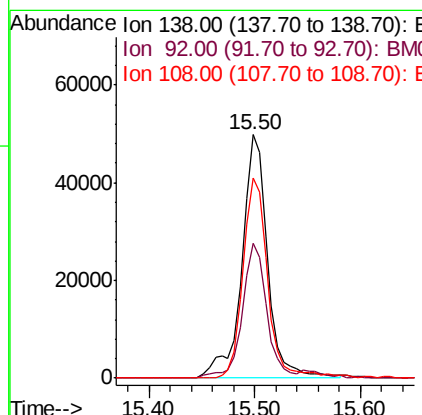
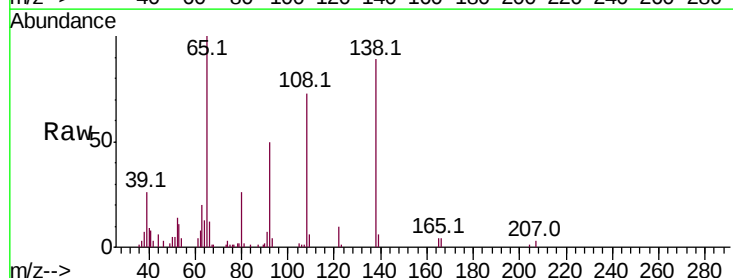
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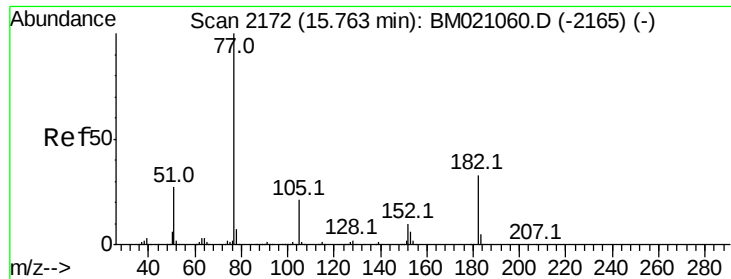
mohammad
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#62
4-Nitroaniline
Concen: 6.255 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.6	29.1	69.1	
108	82.0	59.2	99.2	





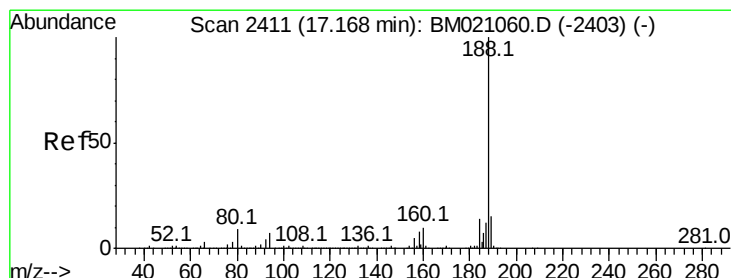
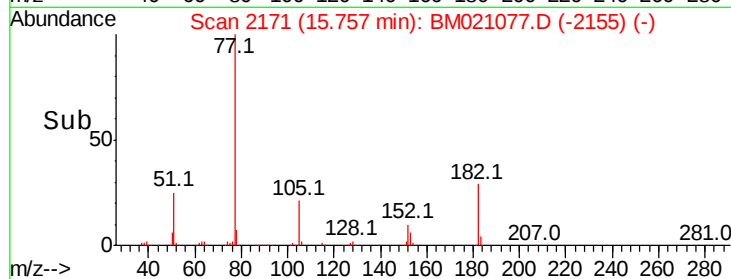
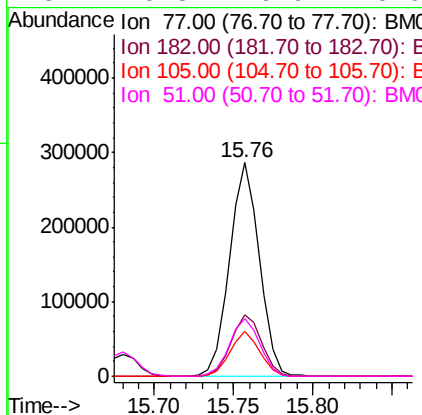
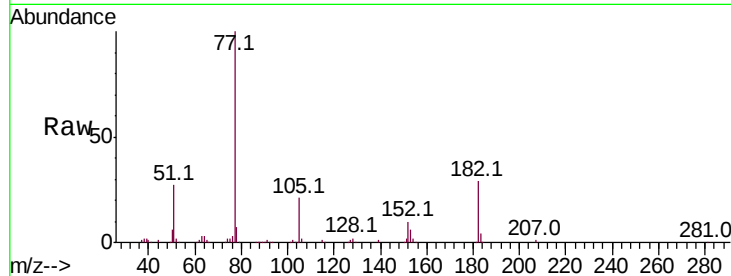
#63
Azobenzene
Concen: 7.842 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		370099		
182	28.9	12.6	52.6		
105	21.1	1.1	41.1		
51	26.8	6.9	46.9		

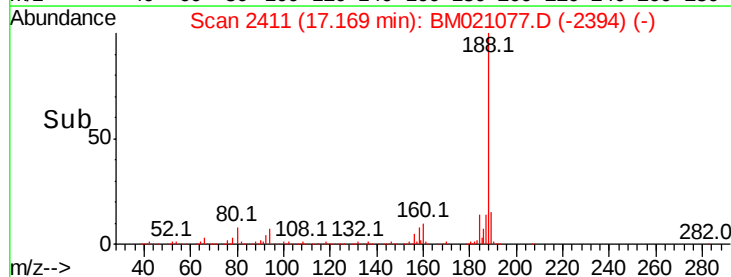
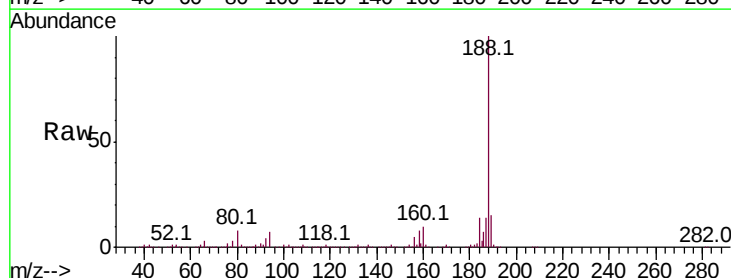
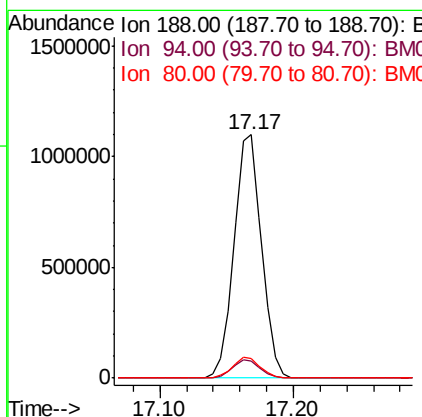
Manual Integrations
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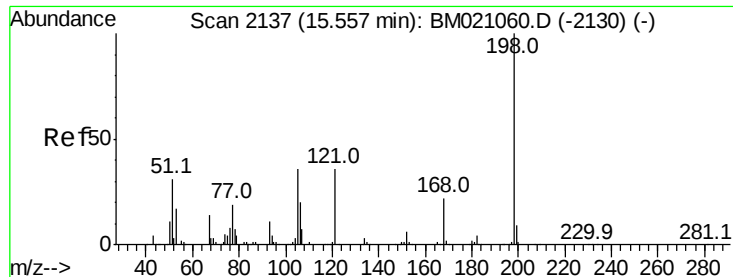
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		1572562		
94	7.3	5.8	8.8		
80	8.1	6.9	10.3		





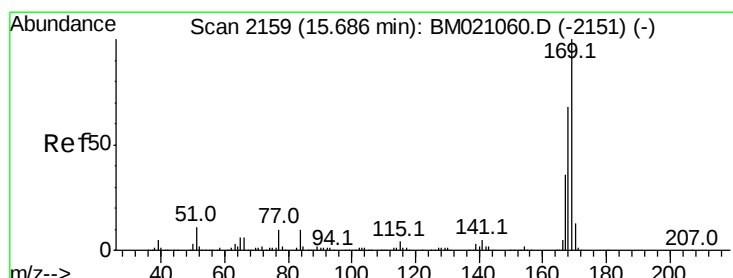
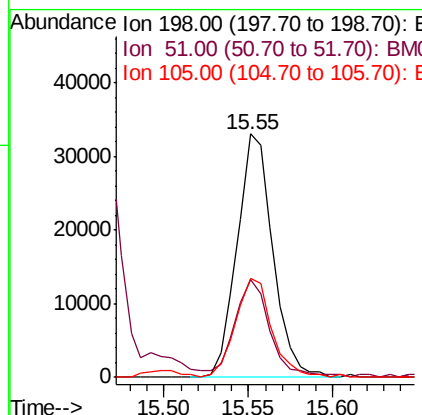
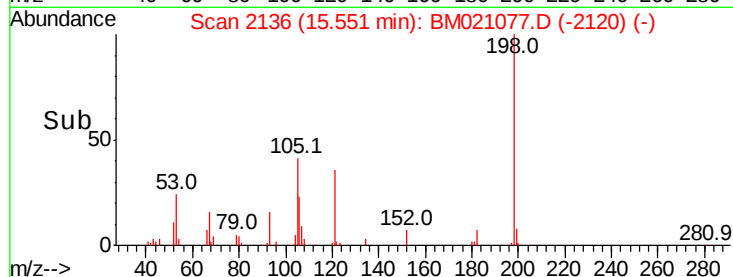
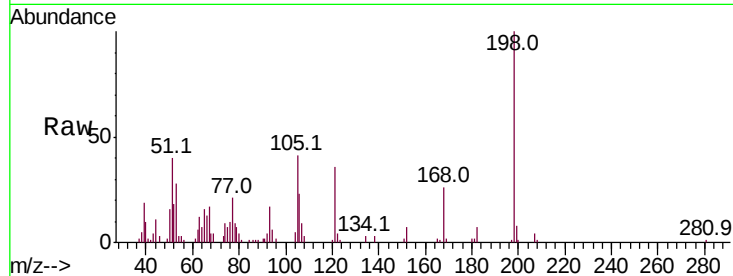
#65
4,6-Dinitro-2-methylphenol
Concen: 5.031 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	48780		
51	40.4	15.3	55.3	
105	40.8	16.8	56.8	

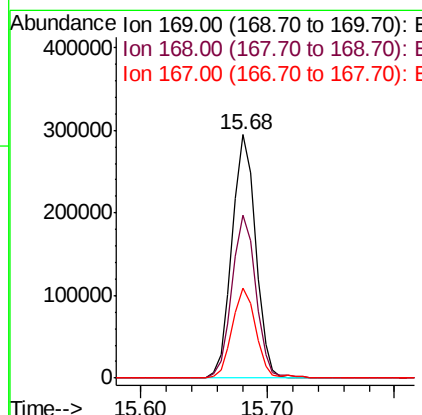
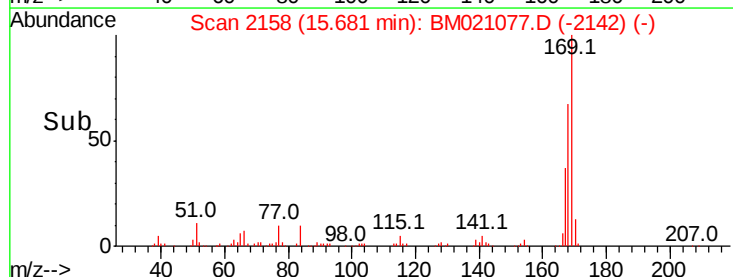
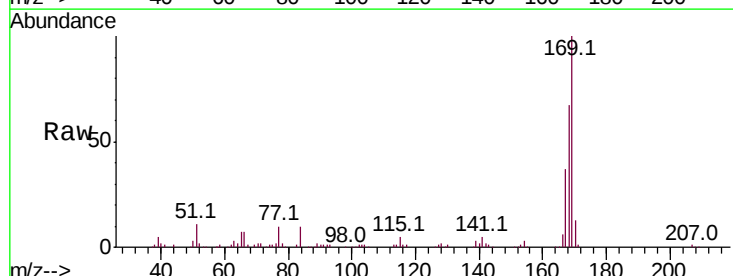
Manual Integrations
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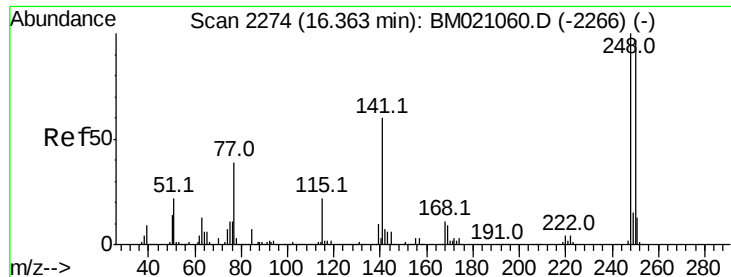
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 7.665 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	379920		
168	67.1	54.5	81.7	
167	36.7	29.0	43.6	





#67

4-Bromophenyl-phenylether

Concen: 7.090 ng

RT: 16.36 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

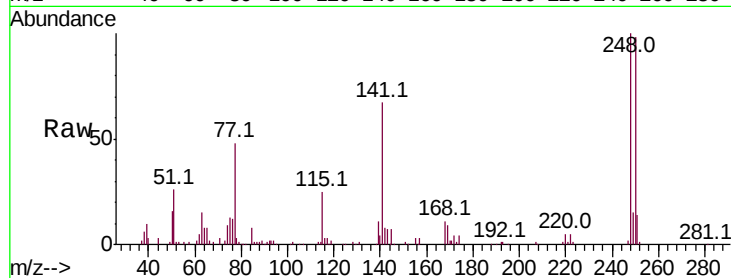
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

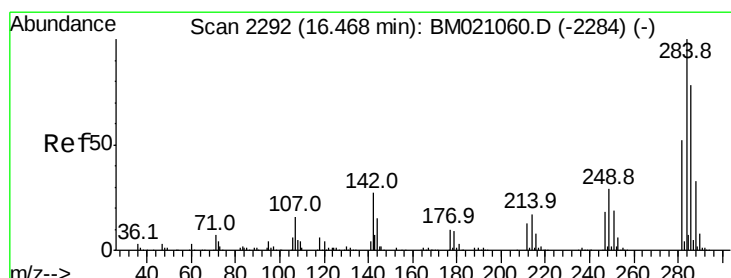
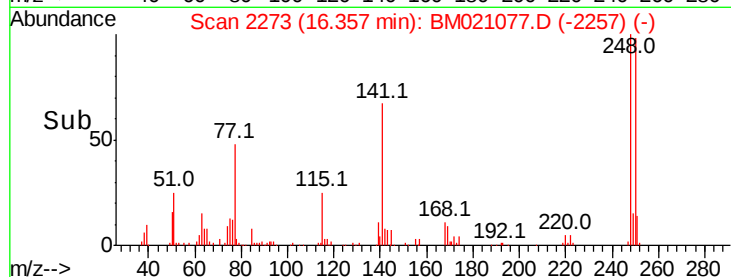
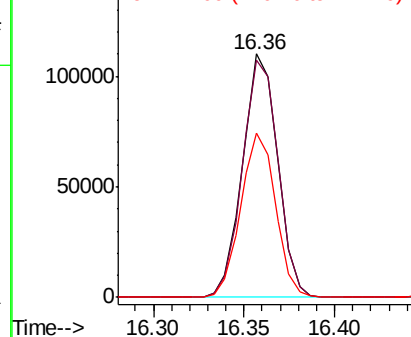
Tot Ion:	248	Resp:	148433
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.5	116.3
141	67.3	47.8	71.6

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Abundance Ion 248.00 (247.70 to 248.70): E
150000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 7.219 ng

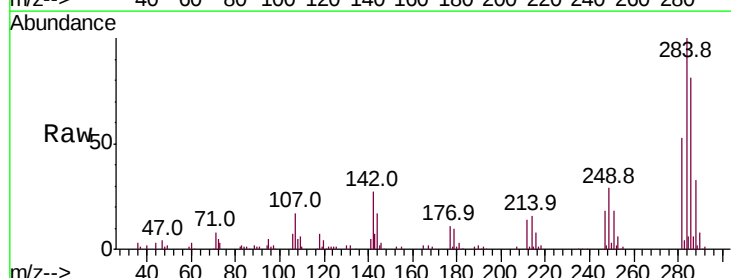
RT: 16.46 min Scan# 2291

Delta R.T. -0.01 min

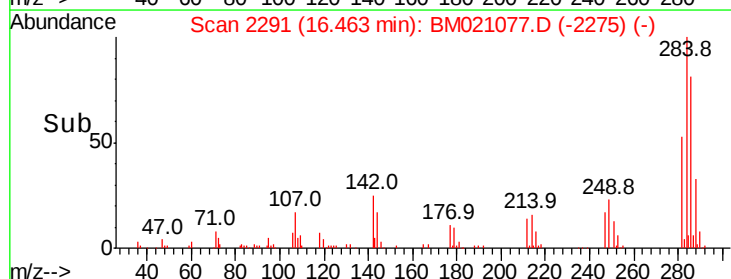
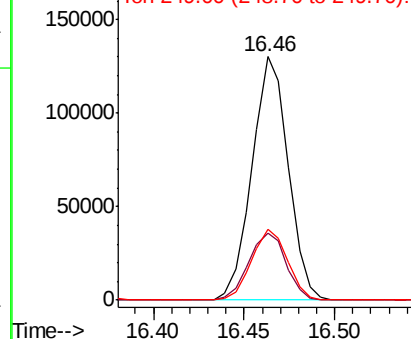
Lab File: BM021077.D

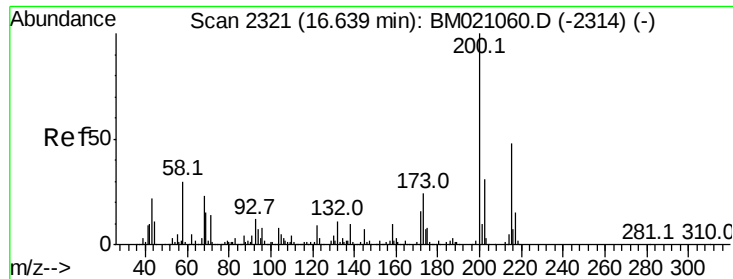
Acq: 21 Jun 2019 09:53

Tgt Ion:	284	Resp:	180544
Ion Ratio	Lower	Upper	
284	100		
142	27.4	21.2	31.8
249	29.0	23.4	35.0



Abundance Ion 283.80 (283.50 to 284.50): E
150000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





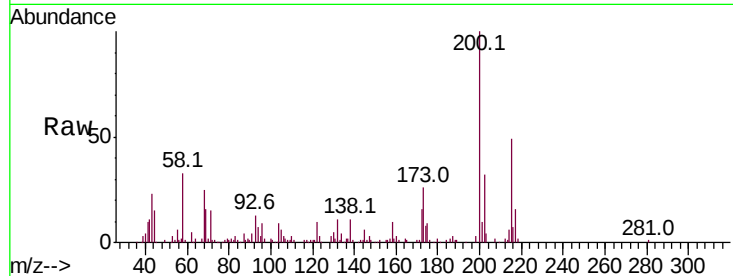
#69
Atrazine
Concen: 7.651 ng
RT: 16.63 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	4.3	44.3
215	49.0	28.2	68.2

Manual Integrations
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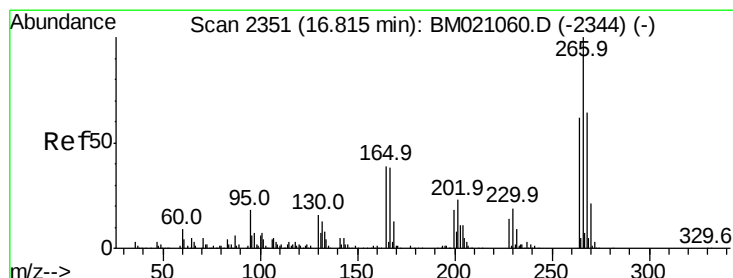
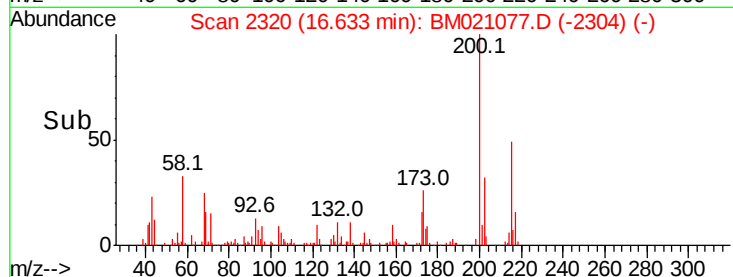
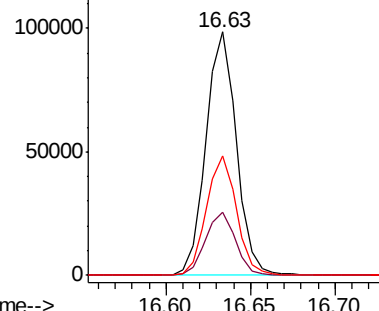


Abundance

Ion 200.00 (199.70 to 200.70): E

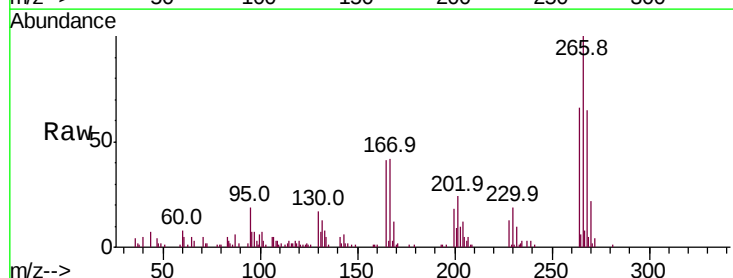
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 6.131 ng
RT: 16.82 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	51.0	76.4
264	65.6	49.9	74.9

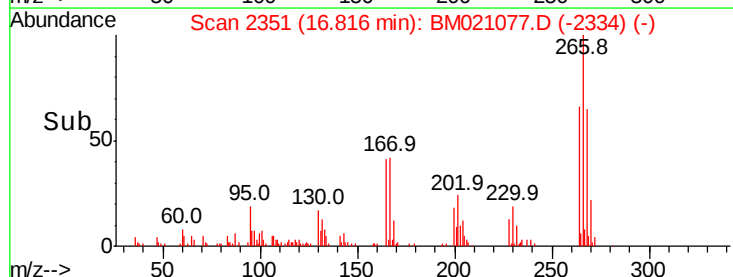
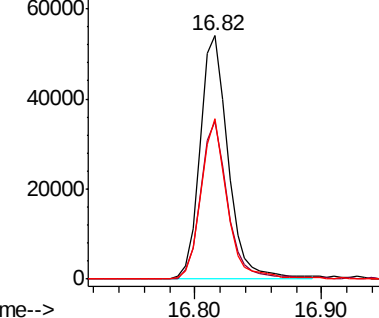


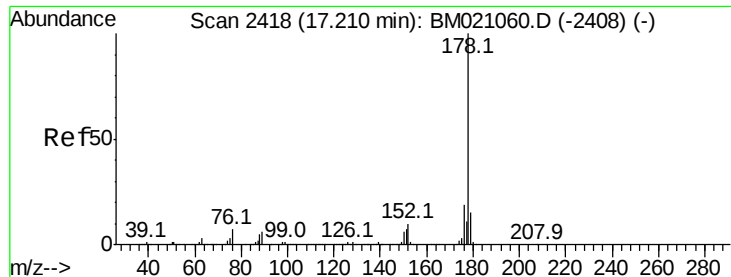
Abundance

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





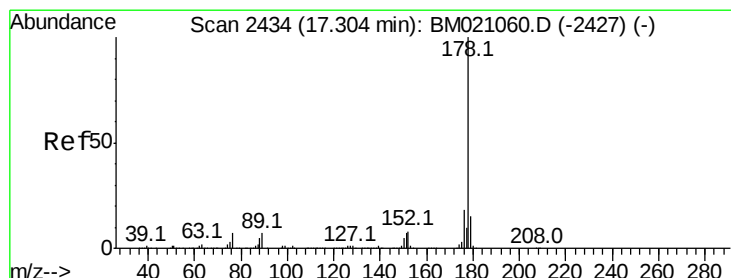
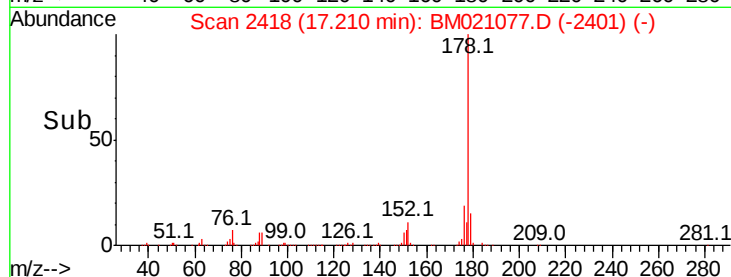
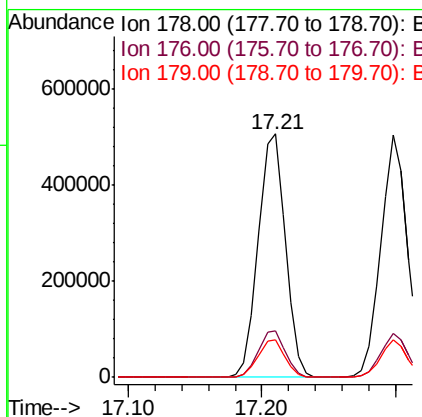
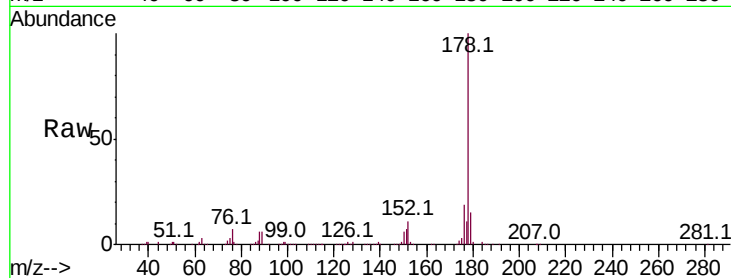
#71
Phenanthrene
Concen: 7.863 ng
RT: 17.21 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.4	12.2	18.4

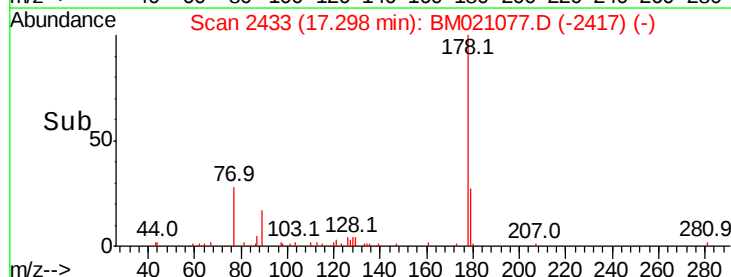
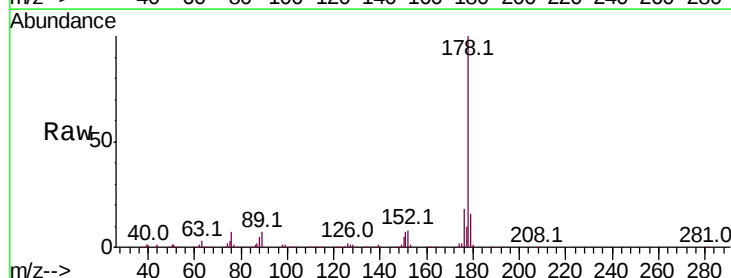
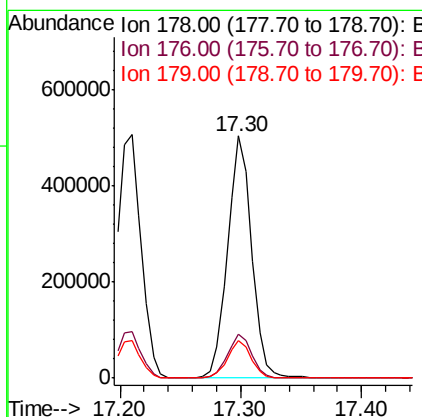
Manual Integrations
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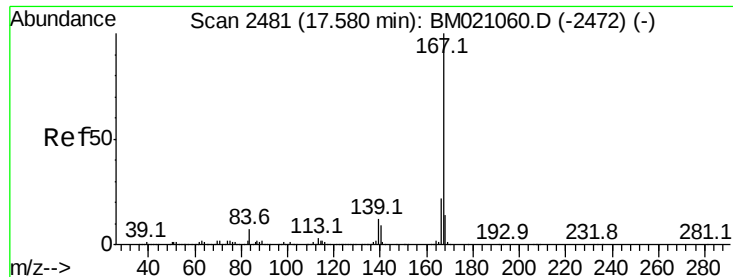
mohammad
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#72
Anthracene
Concen: 7.758 ng
RT: 17.30 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.7	12.2	18.2





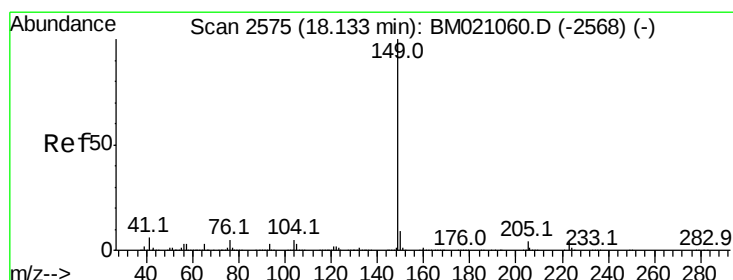
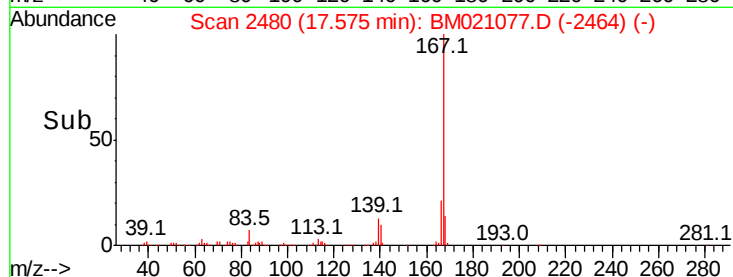
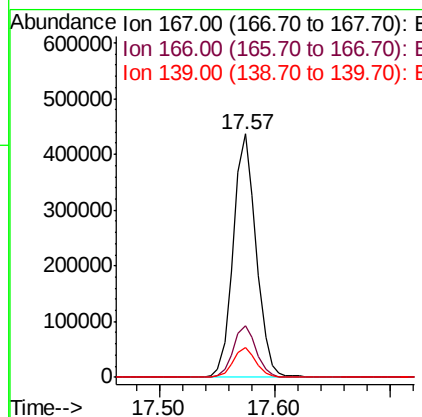
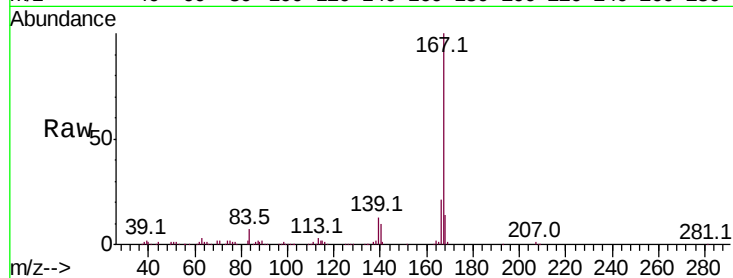
#73
 Carbazole
 Concen: 7.551 ng
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.3	17.4	26.2	
139	12.5	9.7	14.5	

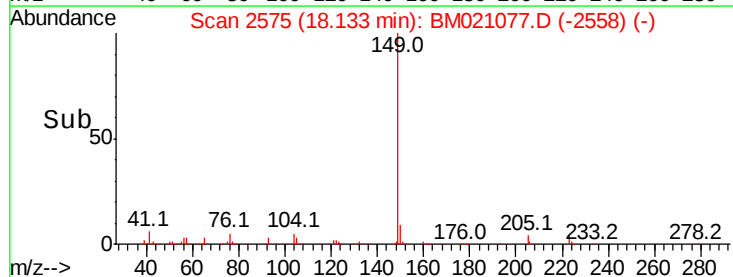
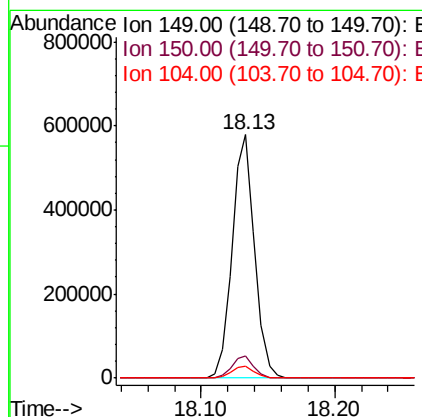
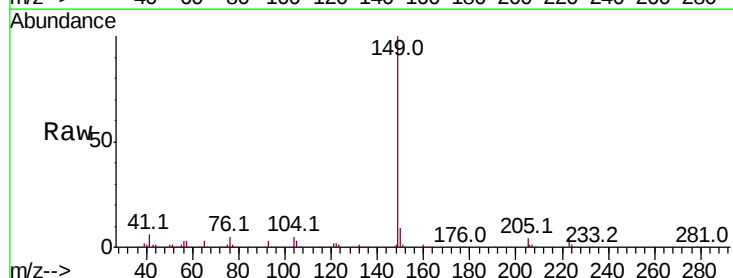
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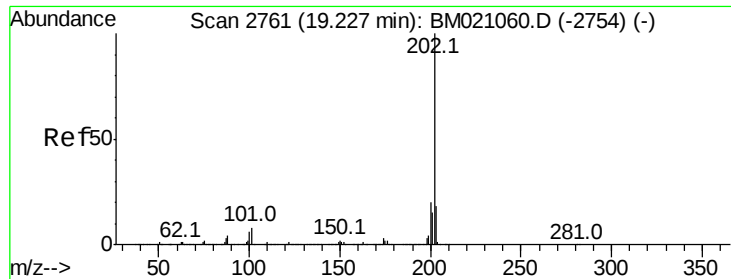
mohammad
 6/25/2019 3:22:52 PM



#74
 Di-n-butylphthalate
 Concen: 6.971 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.4	11.0	
104	5.1	3.8	5.8	





#75

Fluoranthene

Concen: 7.637 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

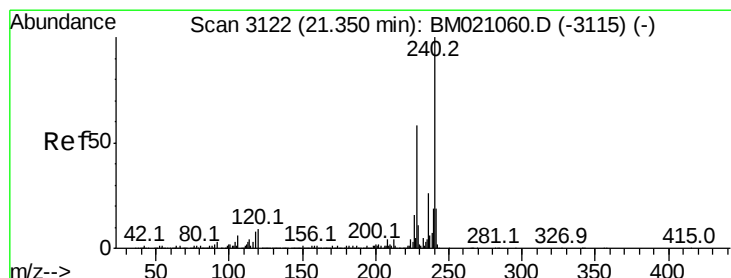
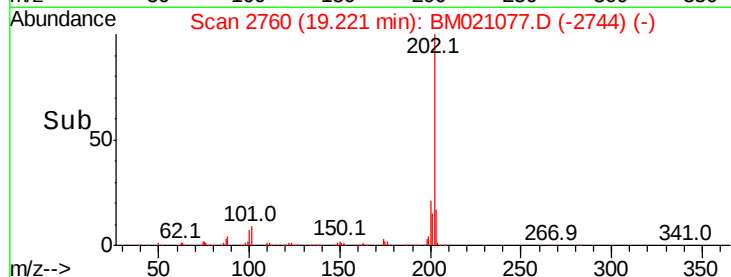
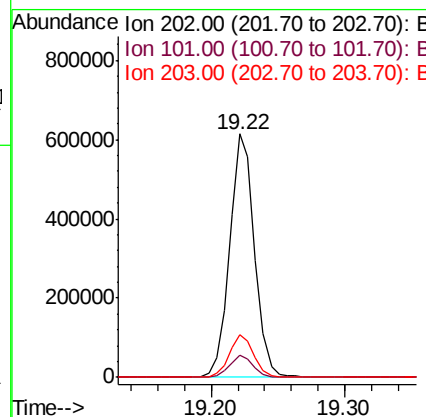
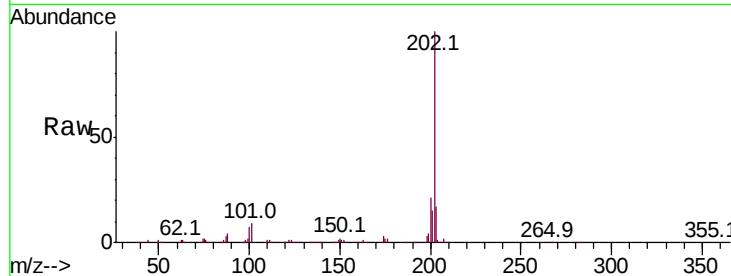
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	202	Resp:	799242
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	28.2
203	17.4	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

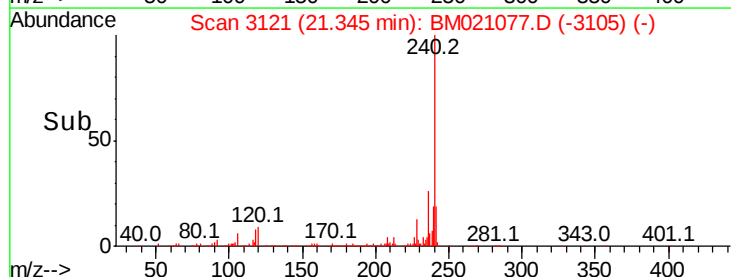
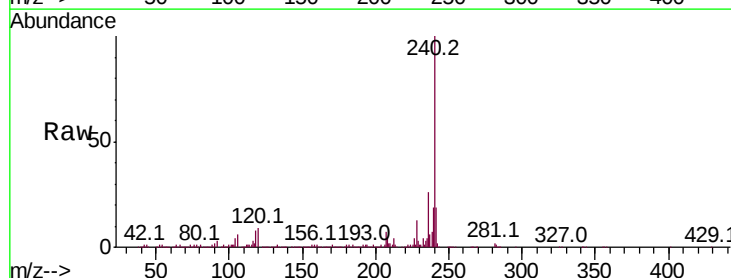
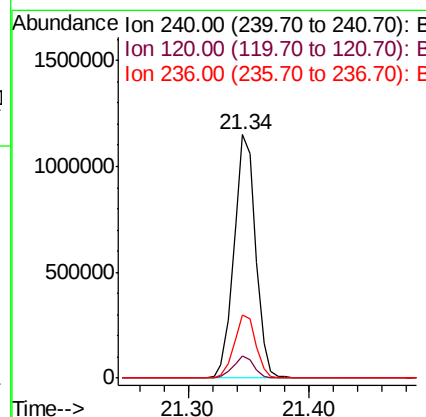
RT: 21.34 min Scan# 3121

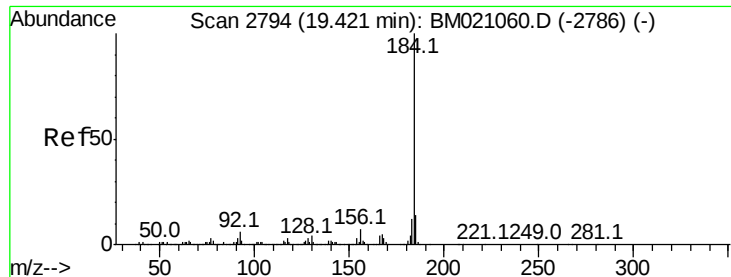
Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion:	240	Resp:	1435980
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.9	10.3
236	25.9	20.4	30.6





#77

Benzidine

Concen: 6.401 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

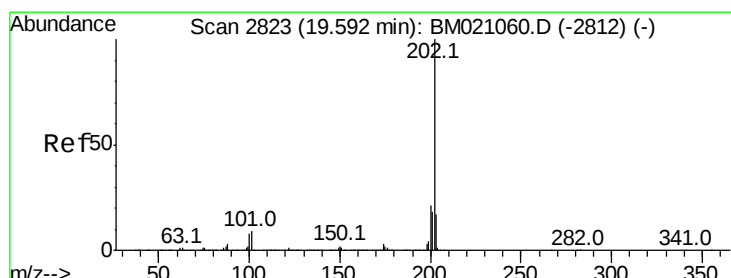
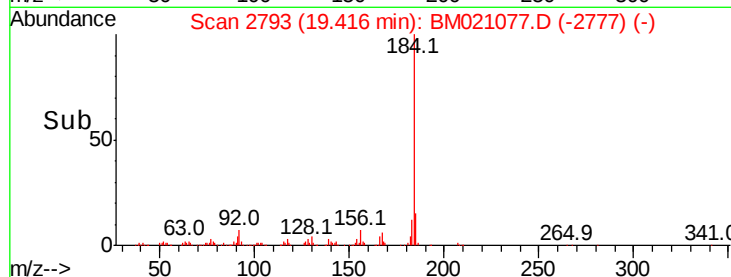
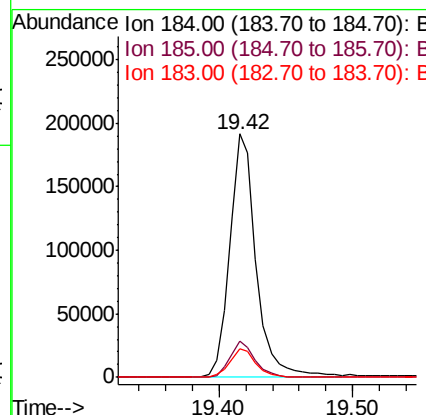
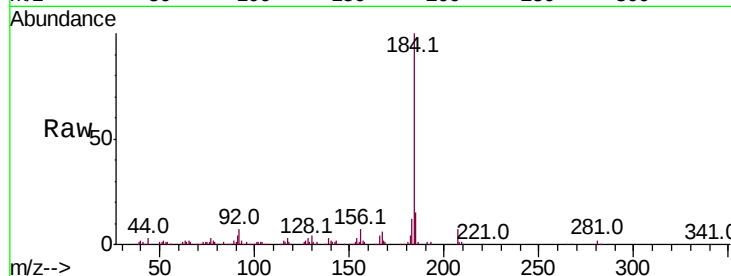
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

Tot Ion:	184	Resp:	266898
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.4	17.2
183	11.8	9.6	14.4

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#78

Pyrene

Concen: 7.890 ng

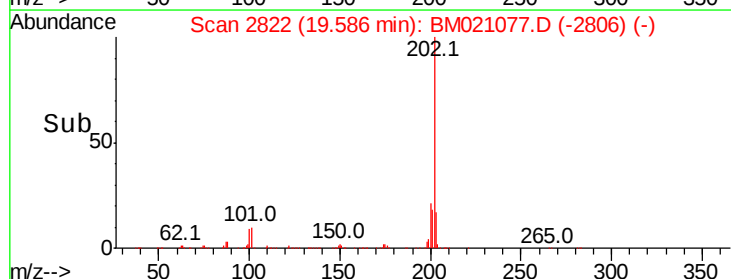
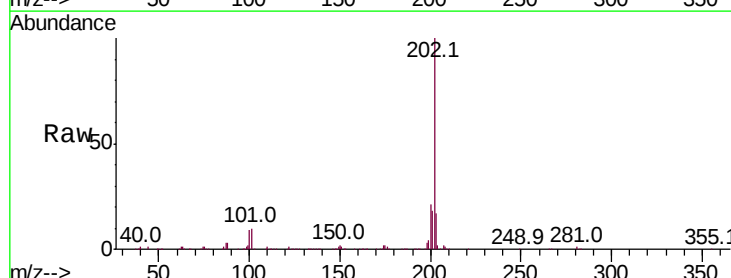
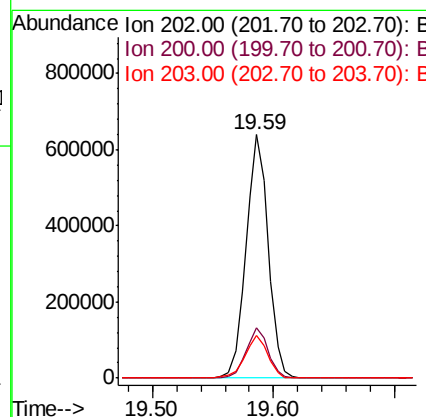
RT: 19.59 min Scan# 2822

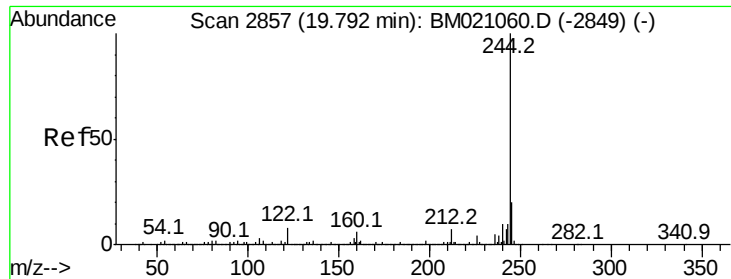
Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Tgt Ion:	202	Resp:	821712
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.4
203	17.3	14.0	21.0





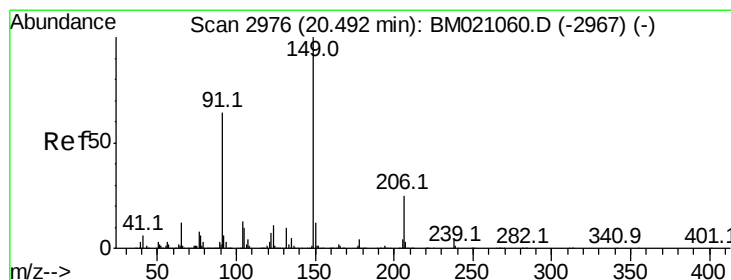
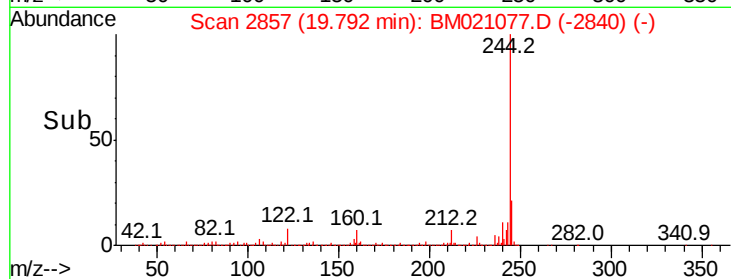
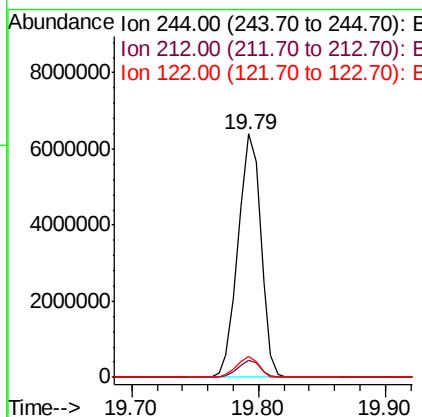
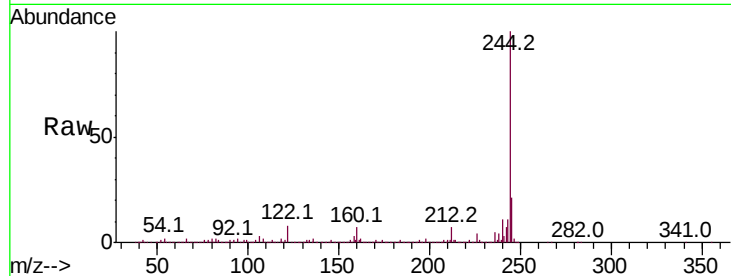
#79
 Terphenyl-d14
 Concen: 103.208 ng
 RT: 19.79 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.3	7.9
122	8.3	6.6	9.8

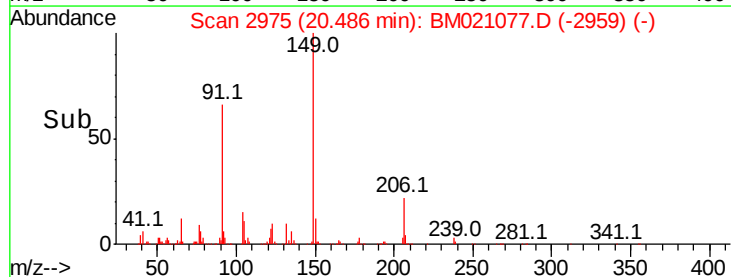
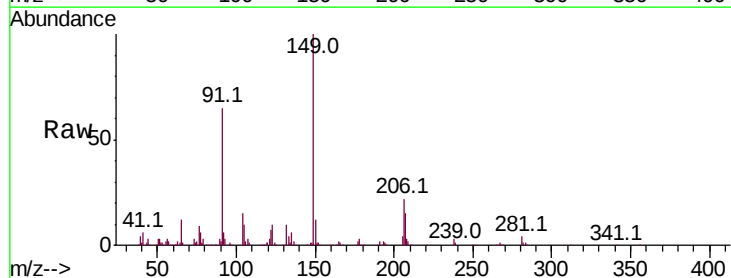
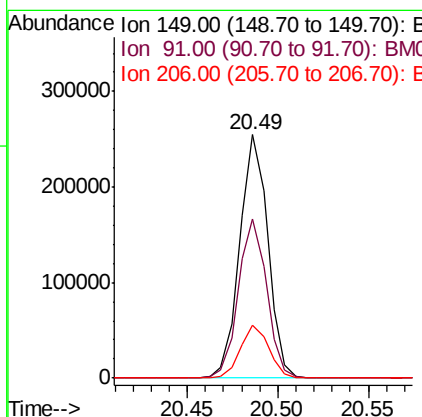
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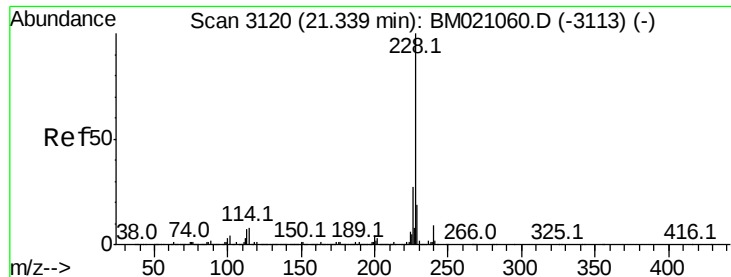
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#80
 Butylbenzylphthalate
 Concen: 6.601 ng
 RT: 20.49 min Scan# 2975
 Delta R.T. -0.01 min
 Lab File: BM021077.D
 Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	50.9	76.3
206	22.0	19.7	29.5





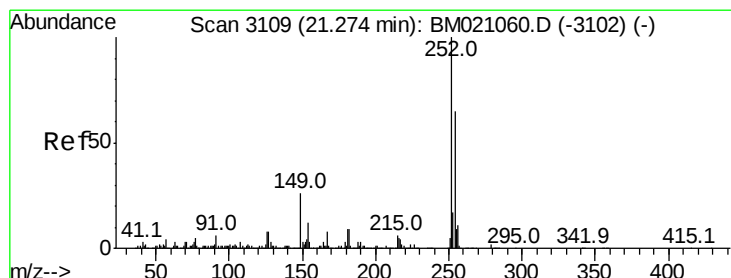
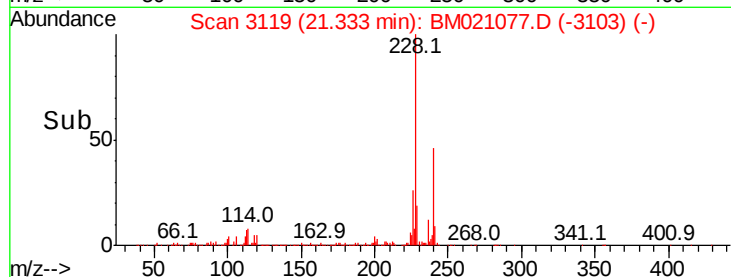
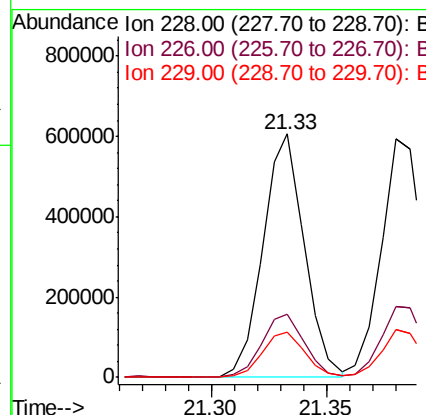
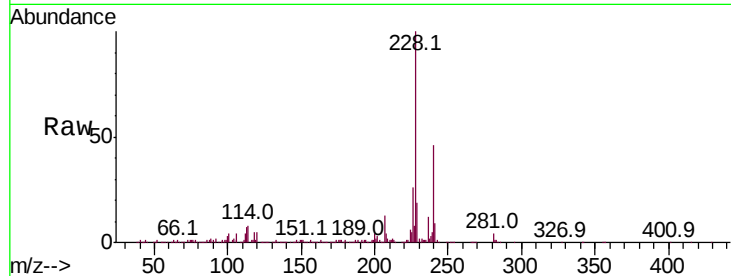
#81
Benzo(a)anthracene
Concen: 7.689 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.6	32.4
229	18.6	15.5	23.3

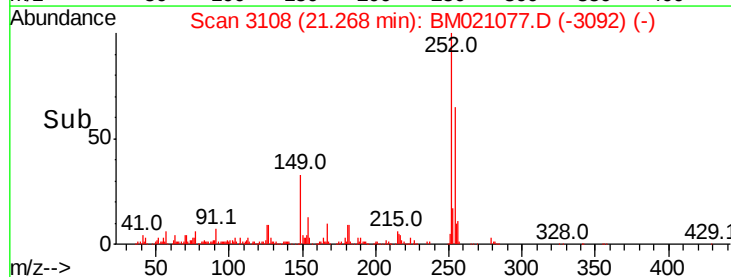
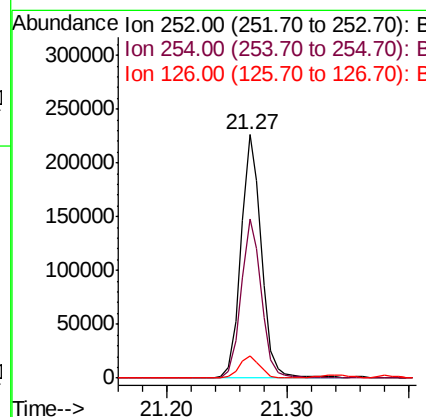
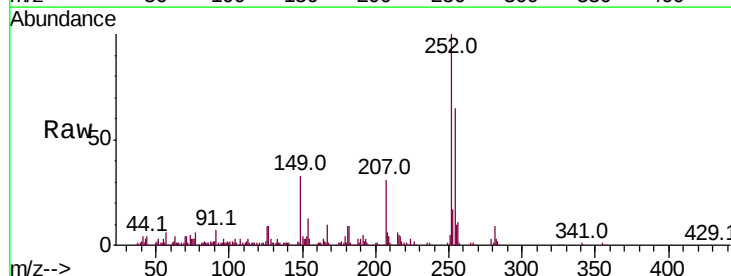
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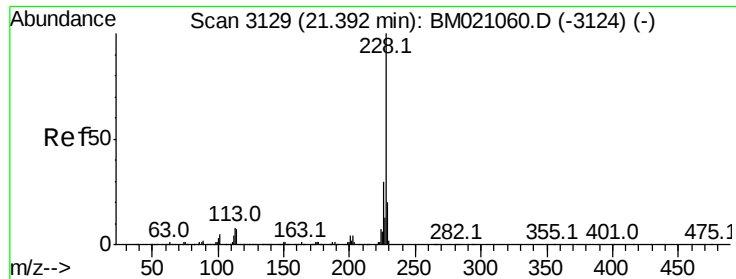
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#82
3,3'-Dichlorobenzidine
Concen: 7.223 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.7	77.5
126	9.4	6.6	9.8





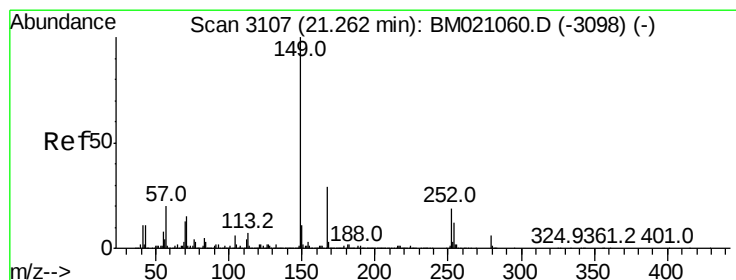
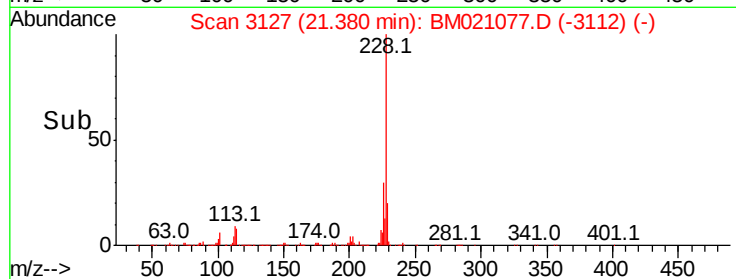
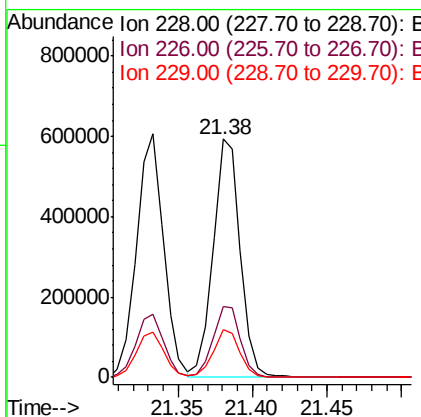
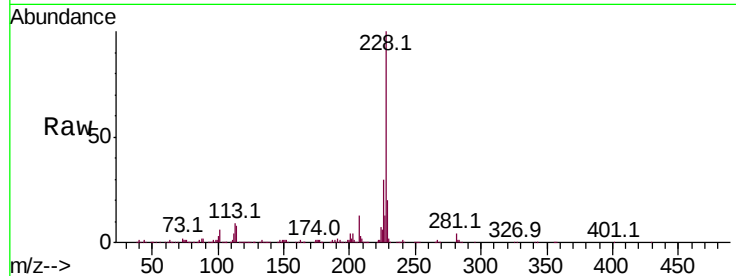
#83
Chrysene
Concen: 8.028 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Resp	Lower	Upper
228	100	748597		
226	29.7		24.1	36.1
229	19.9		15.6	23.4

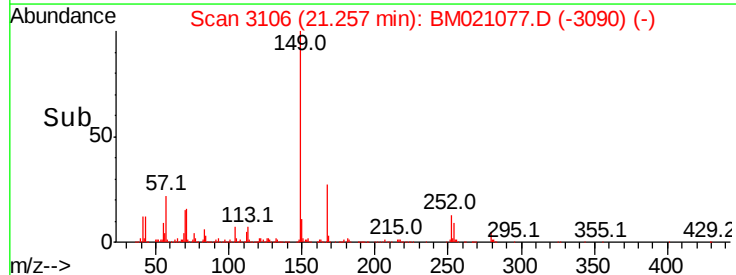
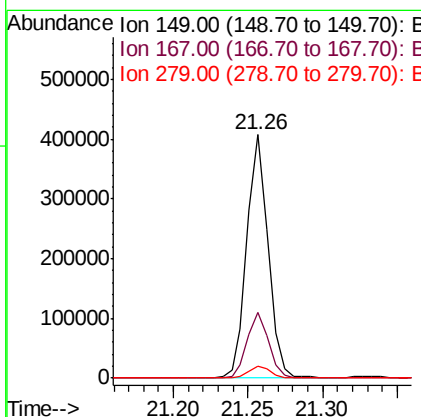
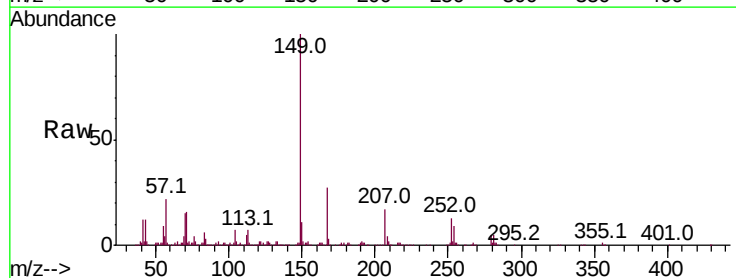
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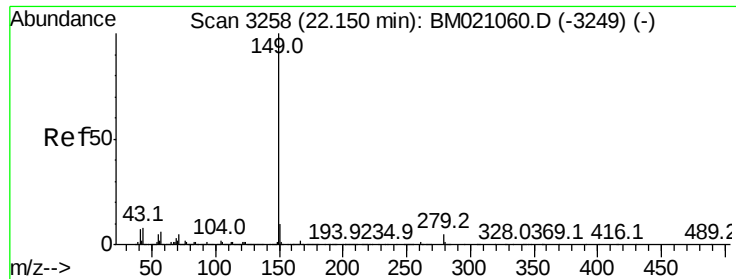
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#84
Bis(2-ethylhexyl)phthalate
Concen: 6.747 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	398613		
167	27.1		23.0	34.4
279	5.0		4.6	7.0





#85

Di-n-octyl phthalate

Concen: 6.892 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BM021077.D

Acq: 21 Jun 2019 09:53

Instrument :

BNA_M

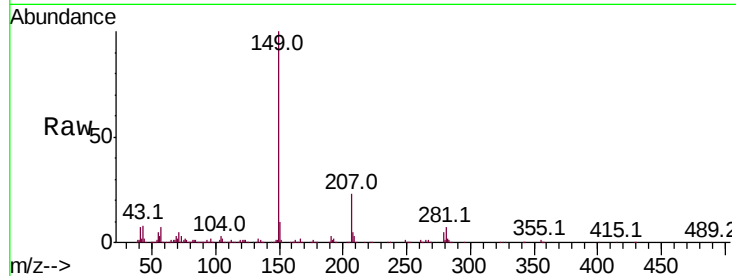
ClientSampleId :

MDL-MDL-WATER-03-QT2-2019

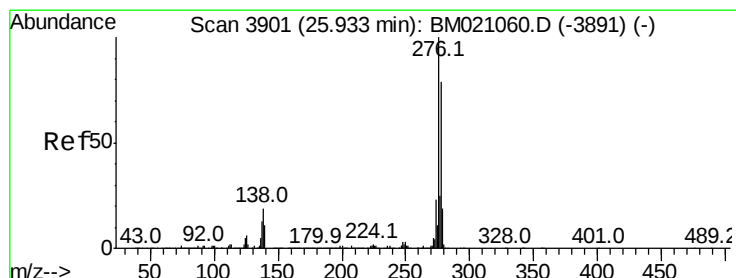
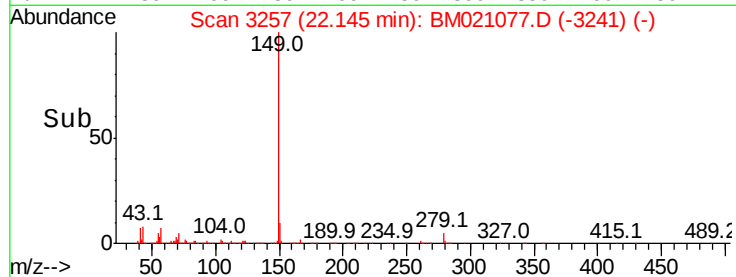
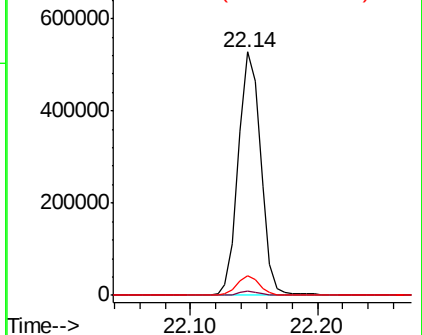
Tot Ion:	149	Resp:	640326
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	8.1	6.2	9.2

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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: 7.789 ng

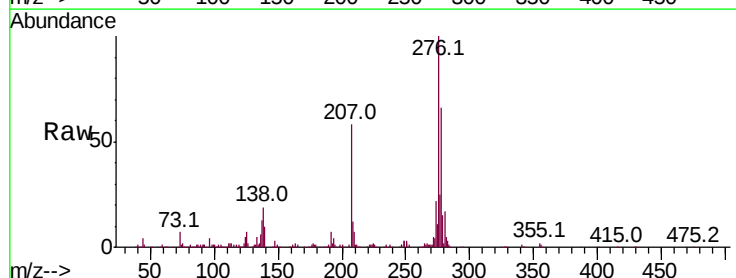
RT: 25.92 min Scan# 3898

Delta R.T. -0.02 min

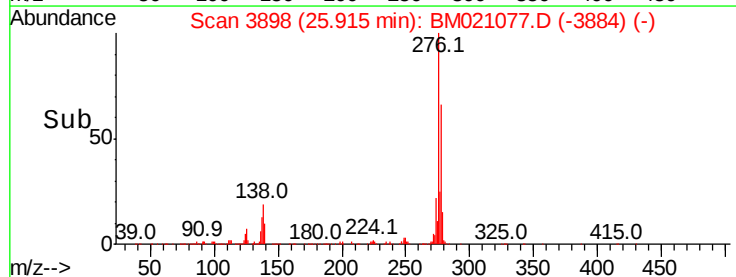
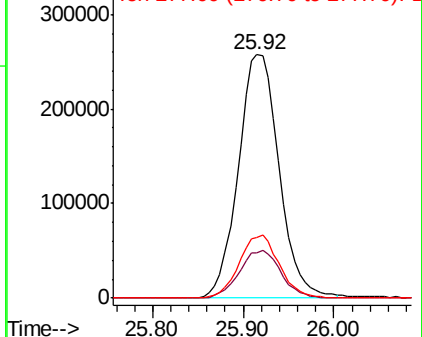
Lab File: BM021077.D

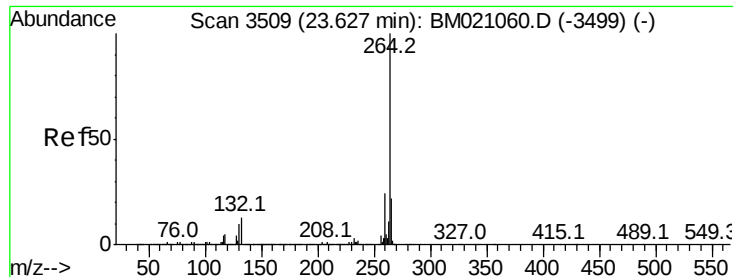
Acq: 21 Jun 2019 09:53

Tgt Ion:	276	Resp:	803718
Ion Ratio	Lower	Upper	
276	100		
138	20.0	15.4	23.0
277	25.5	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





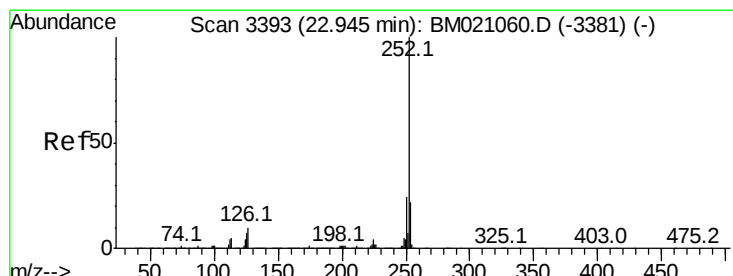
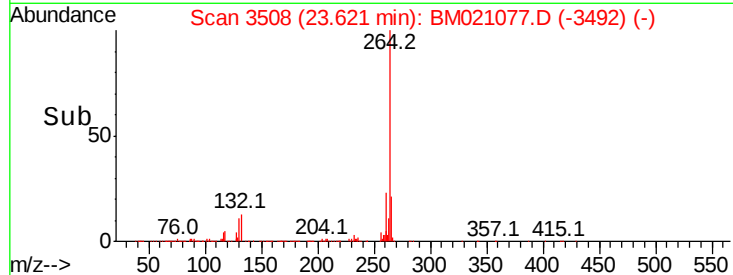
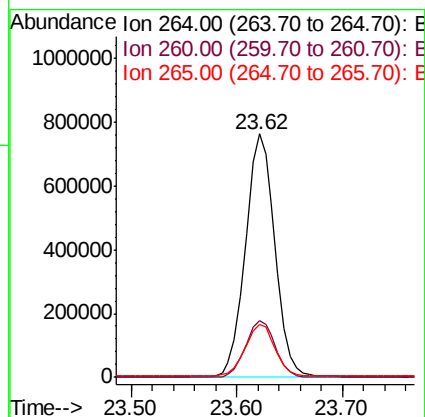
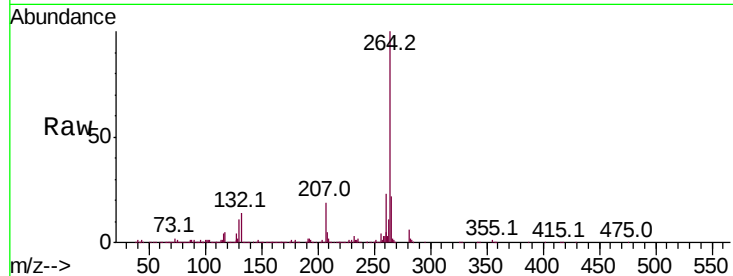
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion:	264	Resp:	1477600
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.9	17.7	26.5

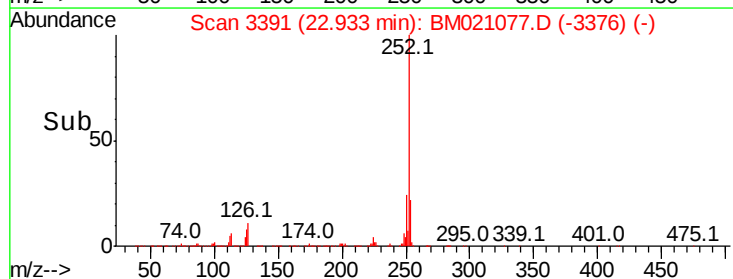
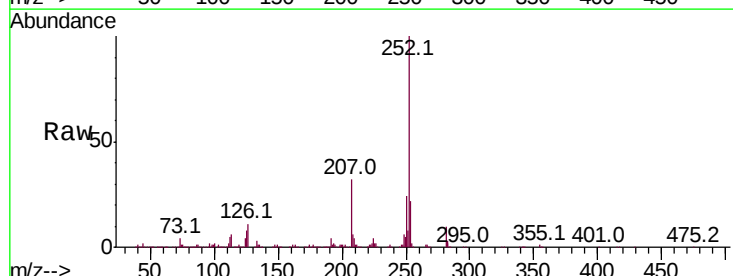
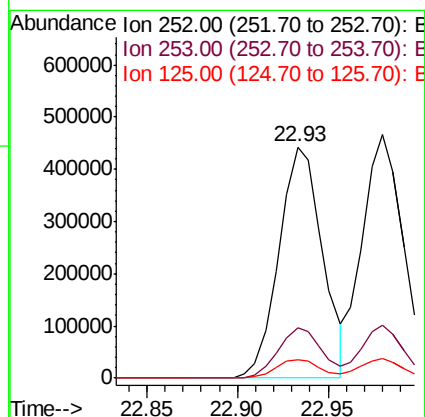
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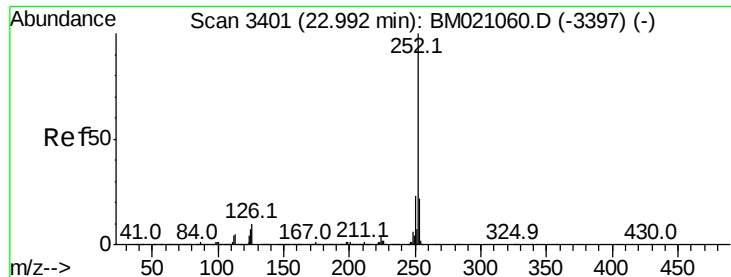
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#88
Benzo(b)fluoranthene
Concen: 7.433 ng
RT: 22.93 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion:	252	Resp:	740904
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.1	5.9	8.9





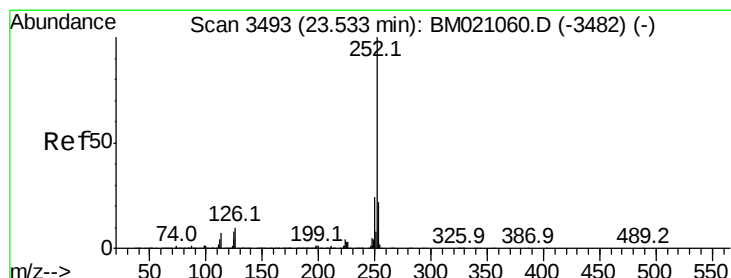
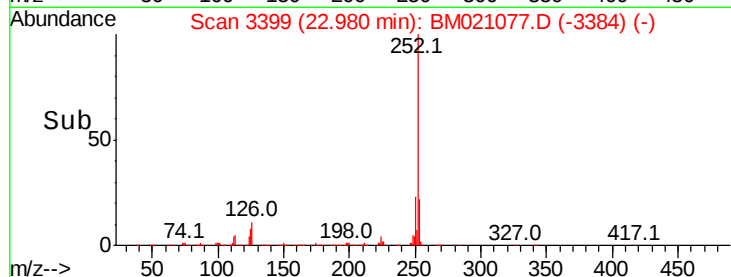
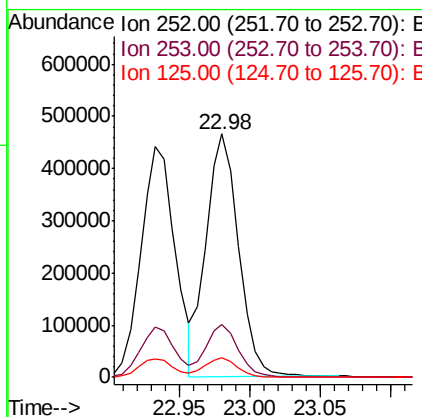
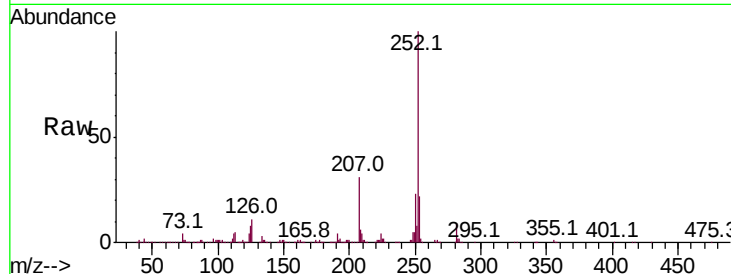
#89
Benzo(k)fluoranthene
Concen: 7.665 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.3	5.9	8.9

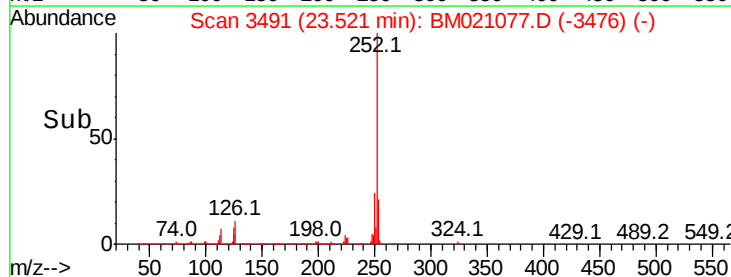
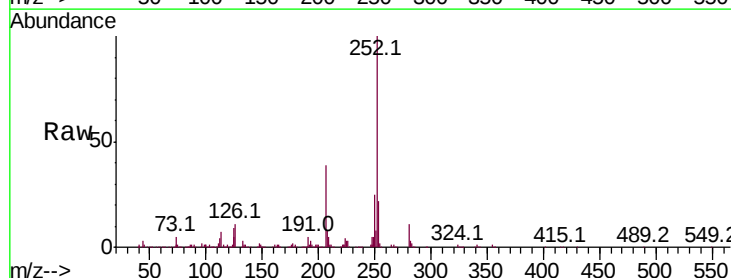
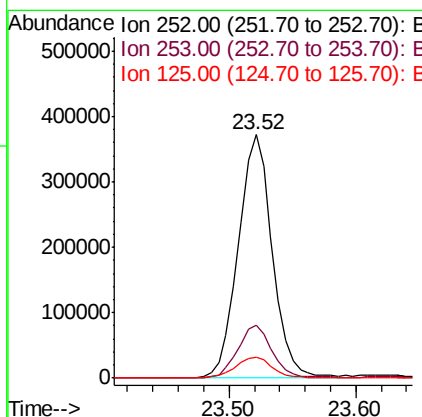
Manual Integrations
APPROVED

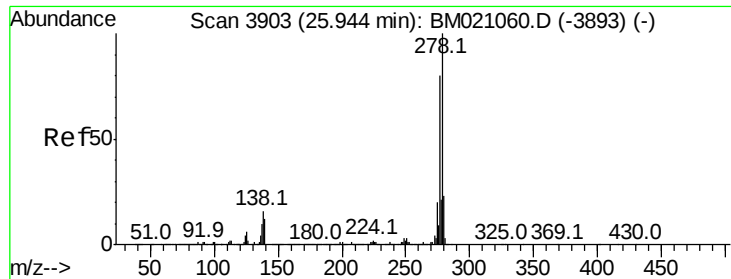
mohammad
6/25/2019 3:22:52 PM



#90
Benzo(a)pyrene
Concen: 7.653 ng
RT: 23.52 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	8.7	6.6	10.0





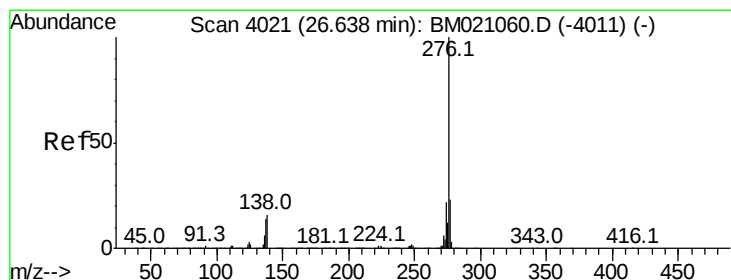
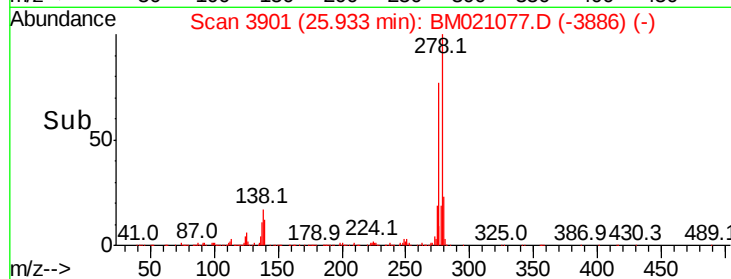
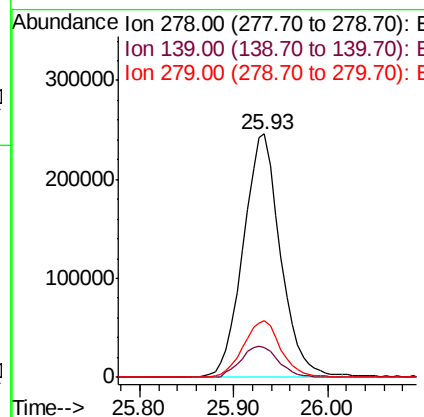
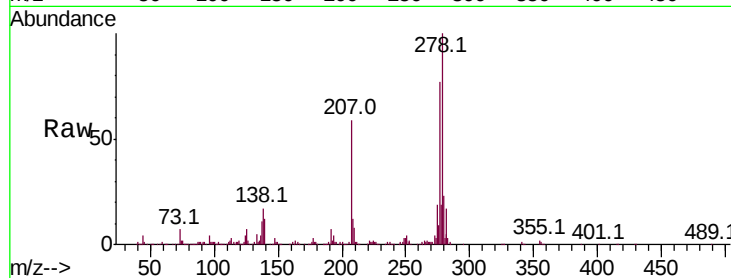
#91
Dibenzo(a,h)anthracene
Concen: 7.538 ng
RT: 25.93 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.8	14.8
279	23.2	18.7	28.1

Manual Integrations
APPROVED

mohammad
6/25/2019 3:22:52 PM



#92
Benzo(g,h,i)perylene
Concen: 7.834 ng
RT: 26.63 min Scan# 4019
Delta R.T. -0.01 min
Lab File: BM021077.D
Acq: 21 Jun 2019 09:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	17.1	13.1	19.7

