

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
 Data File : BM021146.D
 Acq On : 24 Jun 2019 16:02
 Operator : HP/JU
 Sample : K2241-07
 Misc : LOD-WATERL-5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations
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mohammad
 6/28/2019 8:26:01 AM

Quant Time: Jun 25 04:48:33 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	345718	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1459922	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	995137	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2520191	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2561646	20.00	ng	0.00
87) Perylene-d12	23.63	264	2428703	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	2580237	135.14	ng	0.00
7) Phenol-d6	6.95	99	3680560	132.37	ng	0.00
23) Nitrobenzene-d5	8.94	82	2403746	85.81	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	2929076	156.86	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7050395	87.07	ng	0.00
79) Terphenyl-d14	19.79	244	12009027	87.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	36611	5.090	ng	98
3) Pyridine	3.73	79	98430	4.758	ng	97
4) n-Nitrosodimethylamine	3.64	42	33416	4.195	ng	# 86
6) Aniline	7.12	93	159621	4.310	ng	99
8) 2-Chlorophenol	7.34	128	111442	4.743	ng	95
9) Benzaldehyde	6.93	77	105138	2.874	ng	98
10) Phenol	6.98	94	132651	4.670	ng	98
11) bis(2-Chloroethyl)ether	7.21	93	102668	4.565	ng	100
12) 1,3-Dichlorobenzene	7.66	146	127558	4.481	ng	98
13) 1,4-Dichlorobenzene	7.81	146	130574	4.511	ng	99
14) 1,2-Dichlorobenzene	8.12	146	127224	4.485	ng	98
15) Benzyl Alcohol	8.02	79	95904	4.260	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	128890	4.431	ng	98
17) 2-Methylphenol	8.21	107	88345	4.354	ng	99
18) Hexachloroethane	8.84	117	45147	4.344	ng	98
19) n-Nitroso-di-n-propylamine	8.58	70	90947	4.495	ng	99
20) 3+4-Methylphenols	8.54	107	121766	4.360	ng	96
22) Acetophenone	8.60	105	180951	4.864	ng	97
24) Nitrobenzene	8.98	77	145203	5.233	ng	99
25) Isophorone	9.50	82	246884	4.710	ng	99
26) 2-Nitrophenol	9.69	139	57832	4.256	ng	98
27) 2,4-Dimethylphenol	9.74	122	84465	4.262	ng	96
28) bis(2-Chloroethoxy)methane	9.98	93	153431	4.711	ng	99
29) 2,4-Dichlorophenol	10.21	162	114199	4.453	ng	98
30) 1,2,4-Trichlorobenzene	10.42	180	141894	4.693	ng	99
31) Naphthalene	10.61	128	384799	4.981	ng	98
32) Benzoic acid	9.83	122	58138m	3.626	ng	
33) 4-Chloroaniline	10.73	127	156176	4.453	ng	98
34) Hexachlorobutadiene	10.88	225	84913	4.448	ng	98
35) Caprolactam	11.53	113	33693	4.200	ng	93
36) 4-Chloro-3-methylphenol	11.85	107	123502	4.732	ng	97
37) 2-Methylnaphthalene	12.22	142	299748	5.042	ng	98
38) 1-Methylnaphthalene	12.45	142	286412	5.051	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	175442	4.658	ng	99

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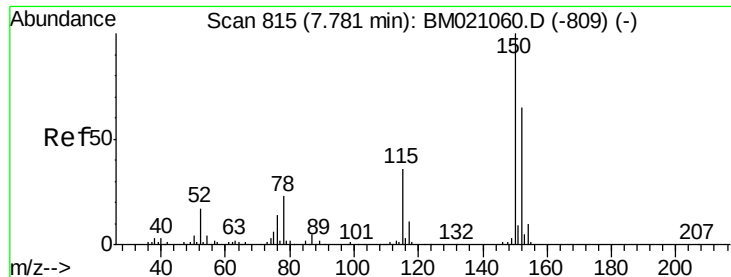
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 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	60945	2.791	ng	97
43) 2,4,6-Trichlorophenol	12.84	196	104092	4.176	ng	97
44) 2,4,5-Trichlorophenol	12.91	196	115200	4.463	ng	98
46) 1,1'-Biphenyl	13.25	154	420349	4.935	ng	99
47) 2-Chloronaphthalene	13.29	162	323525	4.677	ng	99
48) 2-Nitroaniline	13.50	65	73365	3.877	ng	95
49) Acenaphthylene	14.13	152	508516	4.831	ng	99
50) Dimethylphthalate	13.87	163	413097	4.669	ng	100
51) 2,6-Dinitrotoluene	14.00	165	85791	4.507	ng	97
52) Acenaphthene	14.48	154	302775	4.767	ng	98
53) 3-Nitroaniline	14.33	138	77500	3.994	ng	99
54) 2,4-Dinitrophenol	14.55	184	26678	2.609	ng	97
55) Dibenzofuran	14.81	168	522325	5.041	ng	99
56) 4-Nitrophenol	14.64	139	52875	3.563	ng	94
57) 2,4-Dinitrotoluene	14.79	165	112591	4.284	ng	93
58) Fluorene	15.46	166	416303	4.918	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	113041	4.584	ng	97
60) Diethylphthalate	15.24	149	407800	4.680	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	227658	4.760	ng	95
62) 4-Nitroaniline	15.50	138	77464	3.803	ng	99
63) Azobenzene	15.75	77	346882	4.853	ng	97
65) 4,6-Dinitro-2-methylphenol	15.55	198	50886	3.275	ng	95
66) n-Nitrosodiphenylamine	15.68	169	362433	4.563	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	145325	4.332	ng	99
68) Hexachlorobenzene	16.46	284	176959	4.415	ng	97
69) Atrazine	16.63	200	124877	4.834	ng	99
70) Pentachlorophenol	16.81	266	87470	4.051	ng	98
71) Phenanthrene	17.20	178	711213	4.897	ng	99
72) Anthracene	17.29	178	669427	4.653	ng	100
73) Carbazole	17.57	167	606329	4.766	ng	99
74) Di-n-butylphthalate	18.13	149	691055	4.437	ng	100
75) Fluoranthene	19.22	202	846826	5.049	ng	100
77) Benzidine	19.42	184	170705	2.295	ng	99
78) Pyrene	19.59	202	879224	4.733	ng	99
80) Butylbenzylphthalate	20.49	149	328889	4.441	ng	97
81) Benzo(a)anthracene	21.33	228	869340	4.978	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	263853	3.989	ng	99
83) Chrysene	21.39	228	816821	4.910	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	473172	4.490	ng	97
85) Di-n-octyl phthalate	22.15	149	760269	4.587	ng	100
86) Indeno(1,2,3-cd)pyrene	25.92	276	765856	4.161	ng	99
88) Benzo(b)fluoranthene	22.94	252	800866	4.888	ng	99
89) Benzo(k)fluoranthene	22.99	252	751740	4.746	ng	100
90) Benzo(a)pyrene	23.53	252	705550	4.772	ng	98
91) Dibenzo(a,h)anthracene	25.93	278	640702	4.347	ng	100
92) Benzo(g,h,i)perylene	26.62	276	616862	4.488	ng	100

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



#1

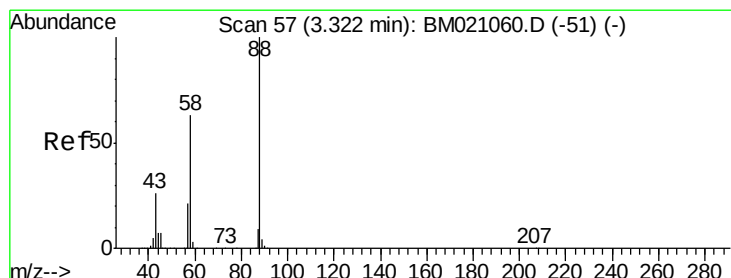
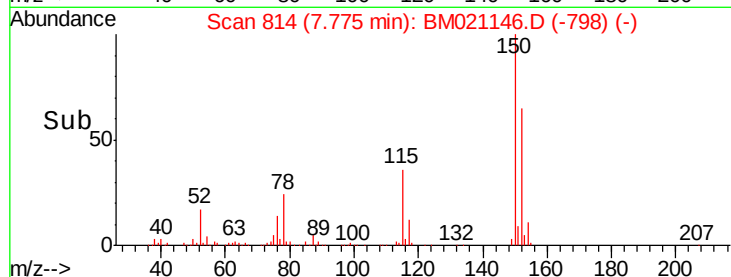
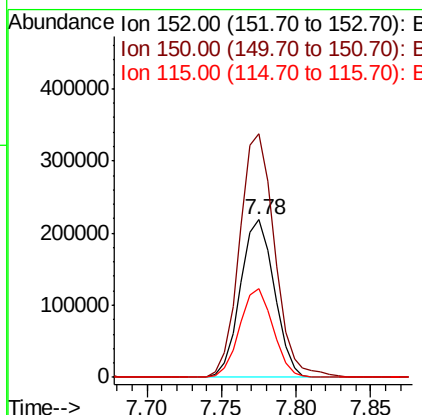
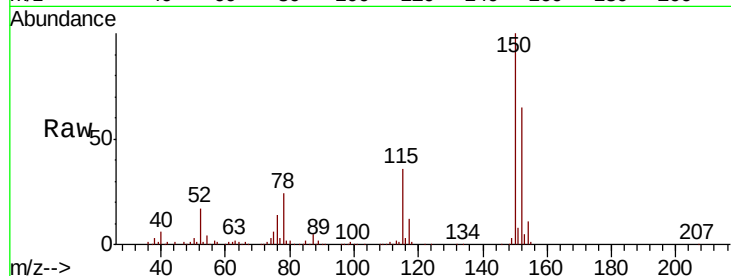
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 814
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.1	184.7
115	56.0	44.2	66.4

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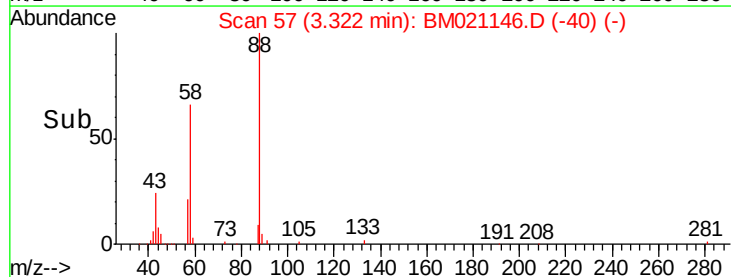
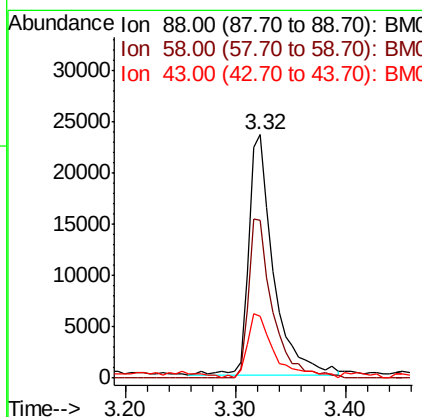
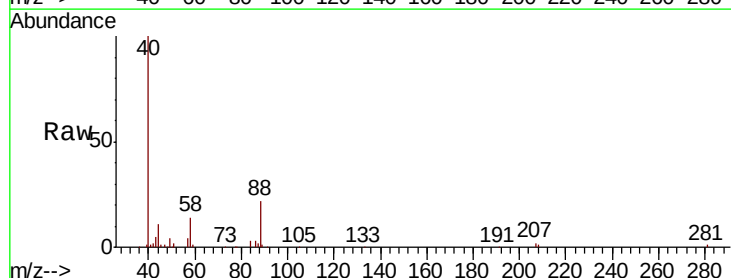
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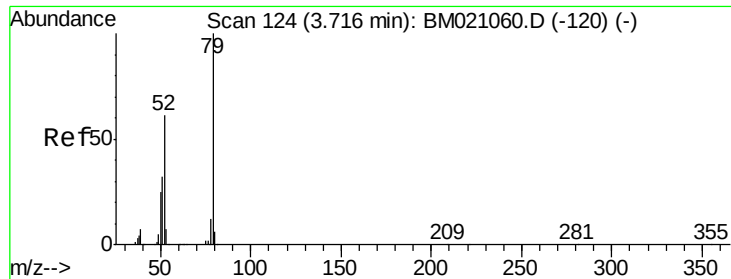


#2

1,4-Dioxane
Concen: 5.090 ng
RT: 3.32 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	51.9	77.9
43	29.5	21.4	32.2





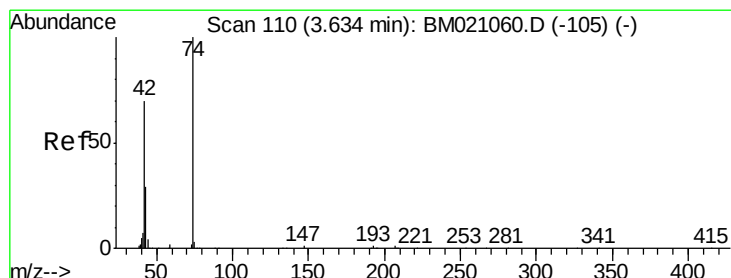
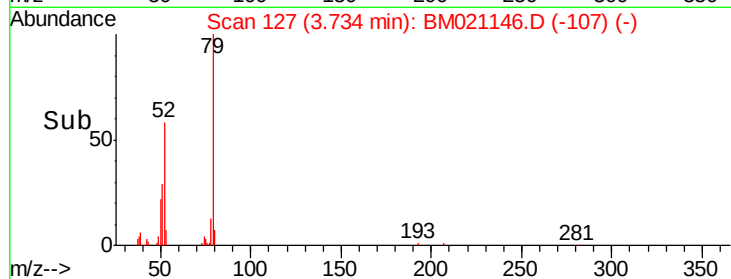
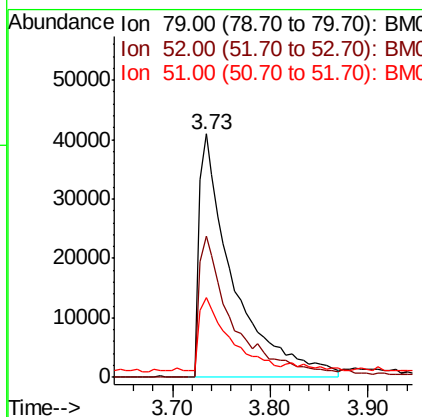
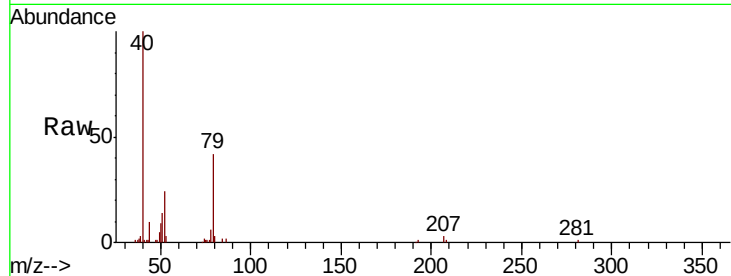
#3
 Pvridine
 Concen: 4.758 ng
 RT: 3.73 min Scan# 127
 Delta R.T. 0.02 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.0	48.8	73.2
51	32.6	25.7	38.5

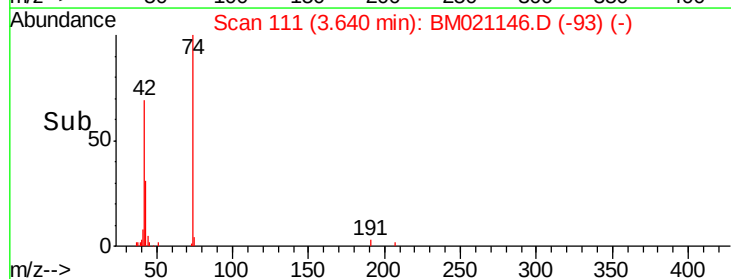
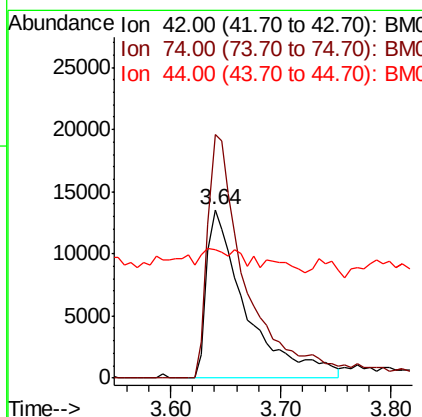
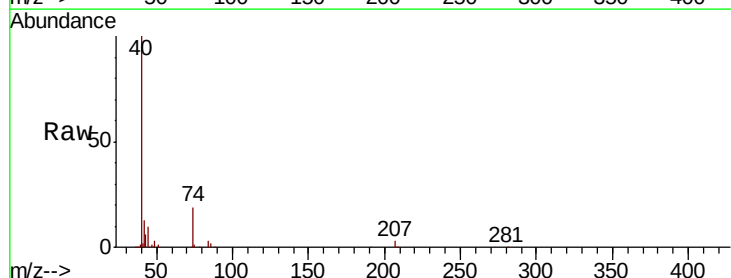
Manual Integrations
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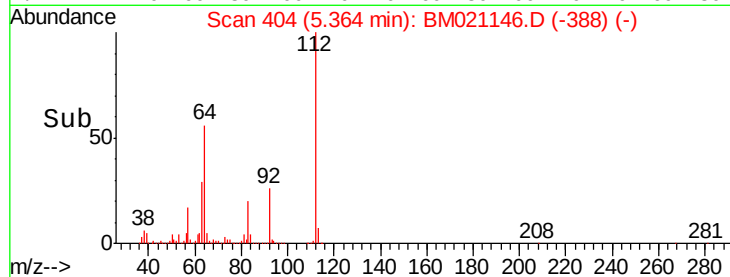
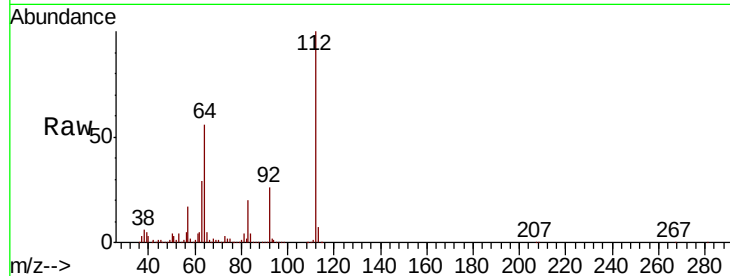
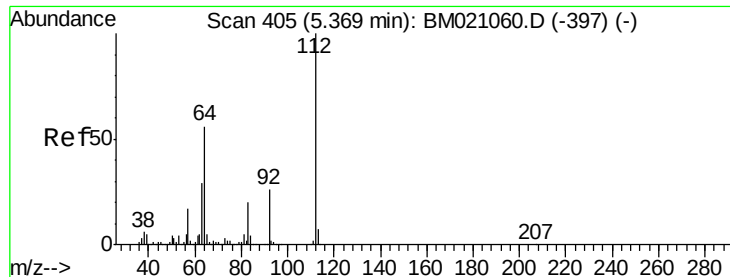
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#4
 n-Nitrosodimethylamine
 Concen: 4.195 ng
 RT: 3.64 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.5	113.8	170.6
44	76.4	8.2	12.2#





#5

2-Fluorophenol

Concen: 135.142 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tot Ion:	112	Resp:	2580237
Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.2	67.8
63	28.8	23.5	35.3

Instrument :

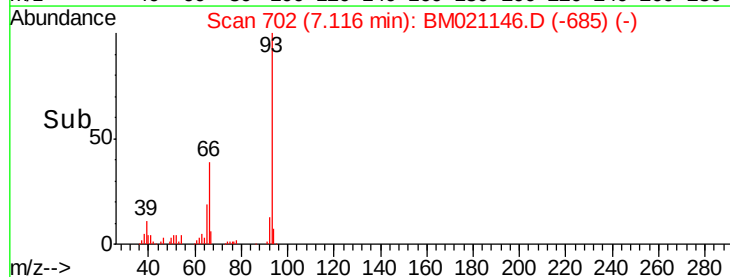
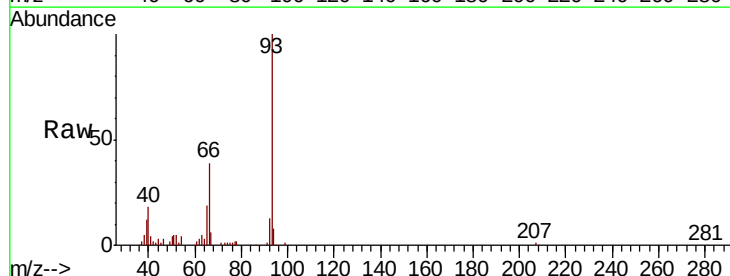
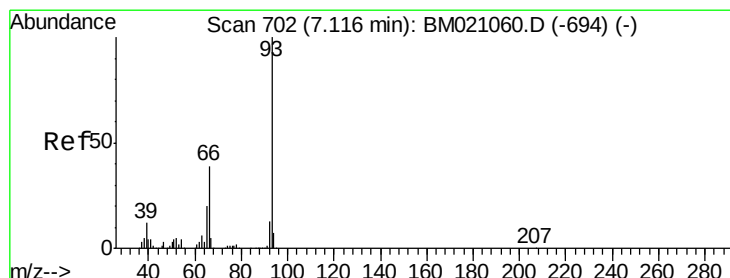
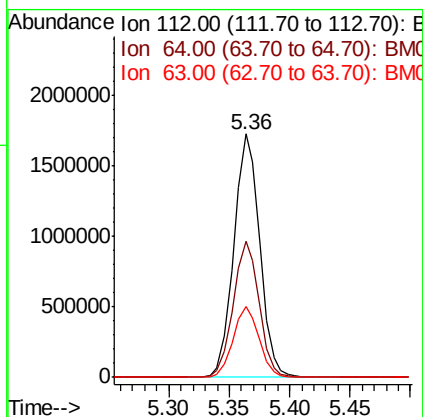
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

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#6

Aniline

Concen: 4.310 ng

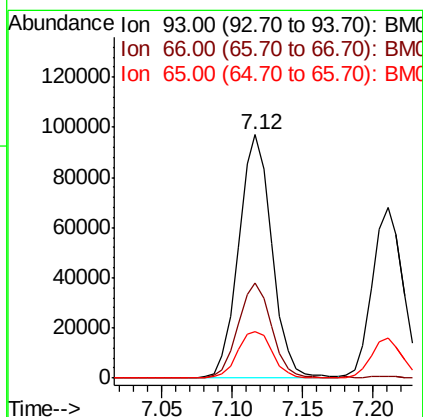
RT: 7.12 min Scan# 702

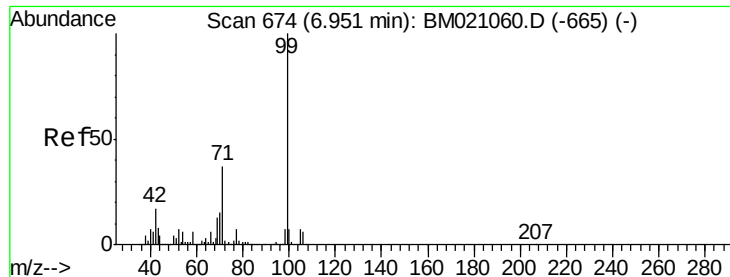
Delta R.T. 0.00 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	93	Resp:	159621
Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.3	46.9
65	19.0	15.9	23.9





#7

Phenol-d6

Concen: 132.375 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 99 Resp: 3680560

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

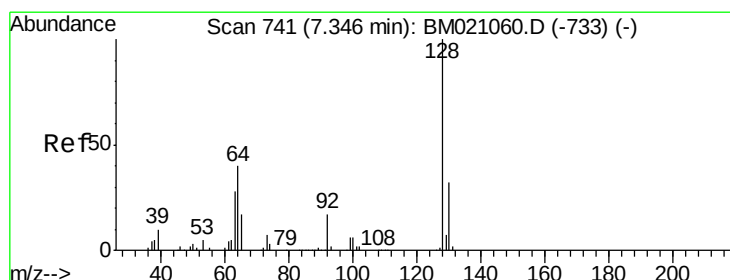
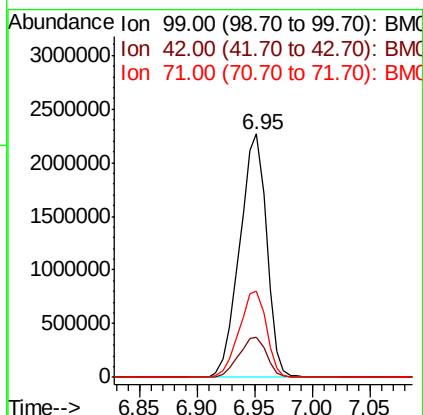
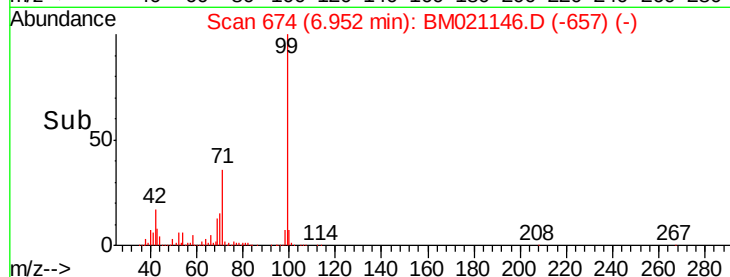
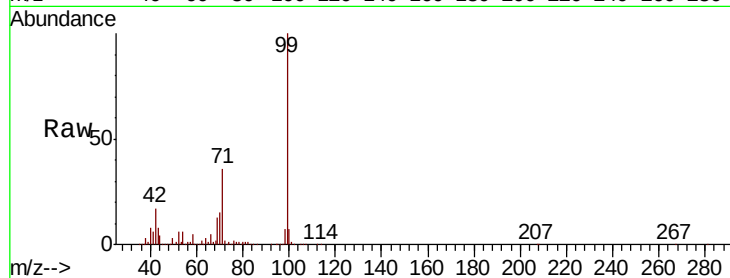
71 35.6 29.3 43.9

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#8

2-Chlorophenol

Concen: 4.743 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

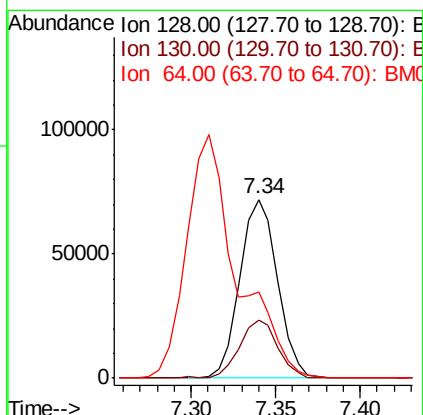
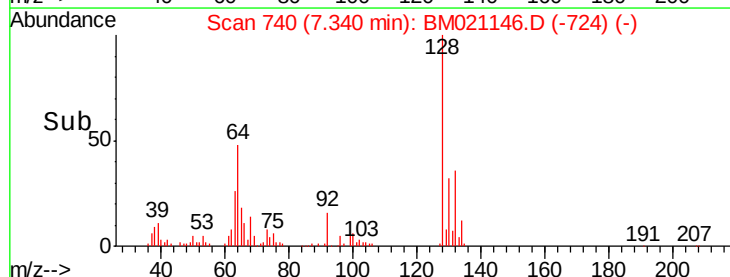
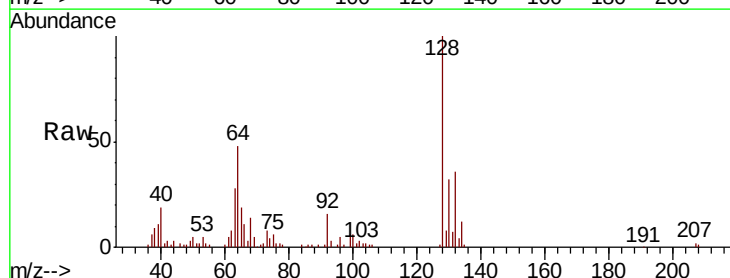
Tgt Ion: 128 Resp: 111442

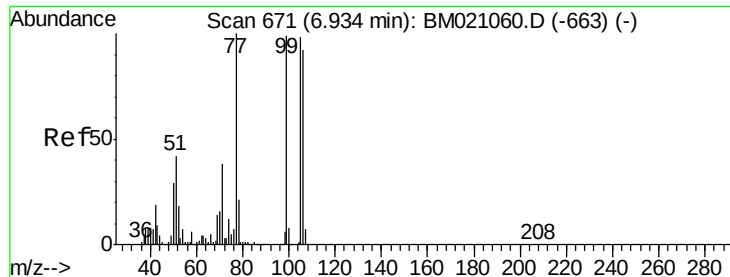
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 48.1 23.2 63.2





#9

Benzaldehyde

Concen: 2.874 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 77 Resp: 105138

Ion Ratio Lower Upper

77 100

105 100.5 77.8 117.8

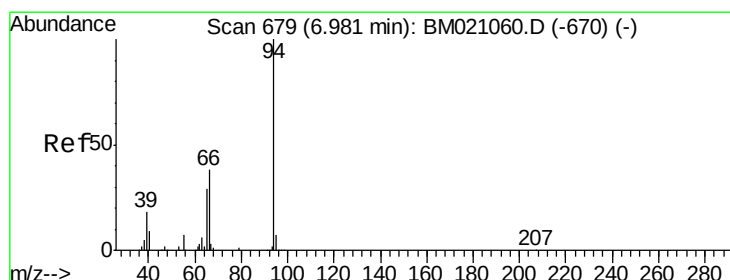
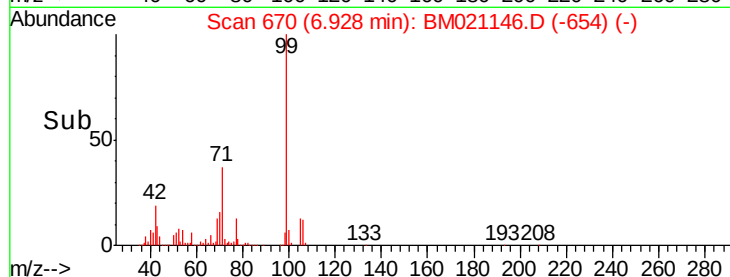
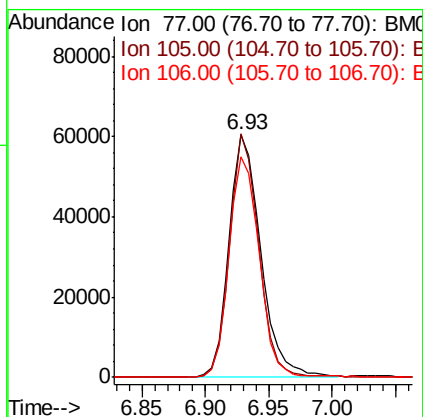
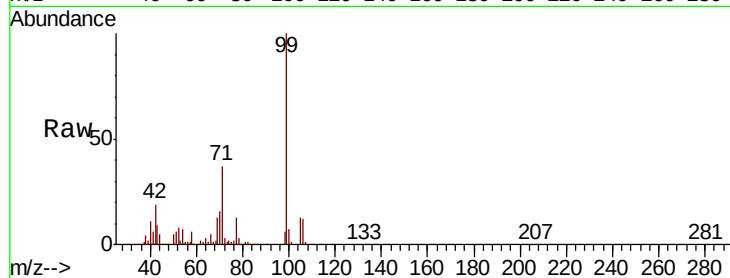
106 90.8 71.8 111.8

Manual Integrations

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#10

Phenol

Concen: 4.670 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

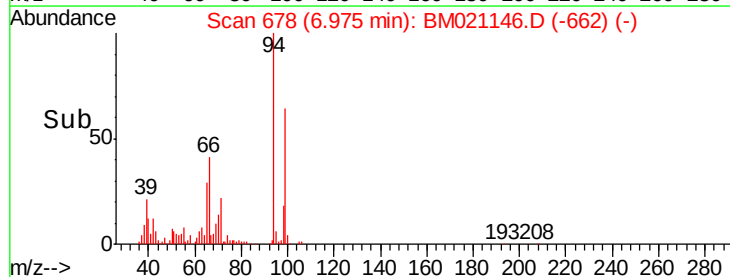
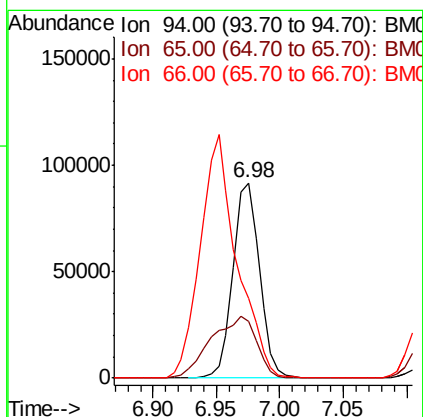
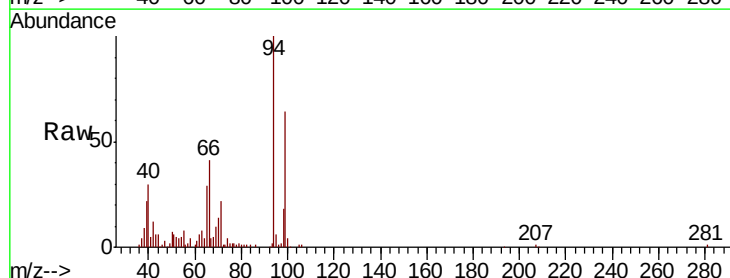
Tgt Ion: 94 Resp: 132651

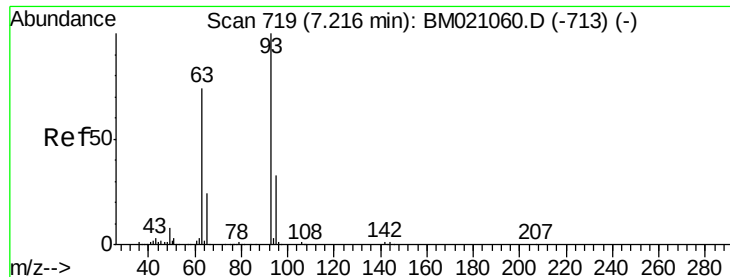
Ion Ratio Lower Upper

94 100

65 29.1 8.7 48.7

66 40.8 19.0 59.0





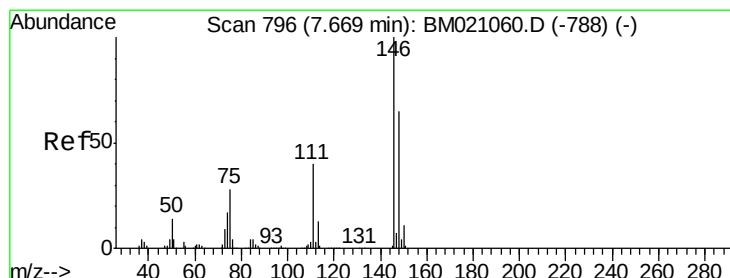
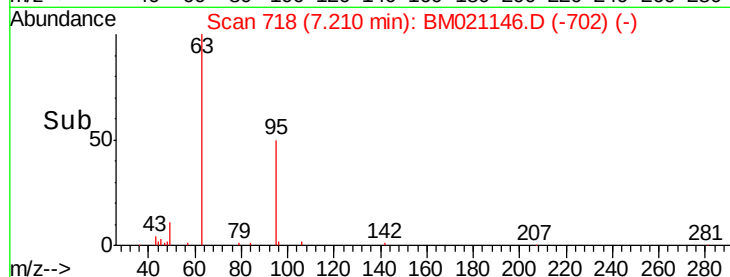
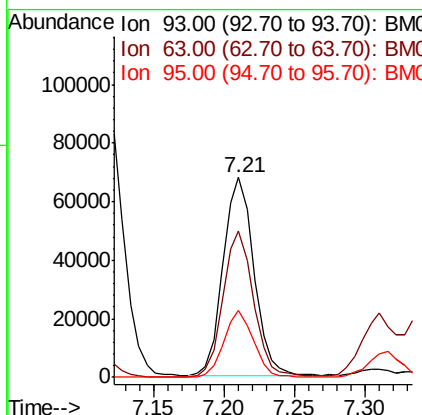
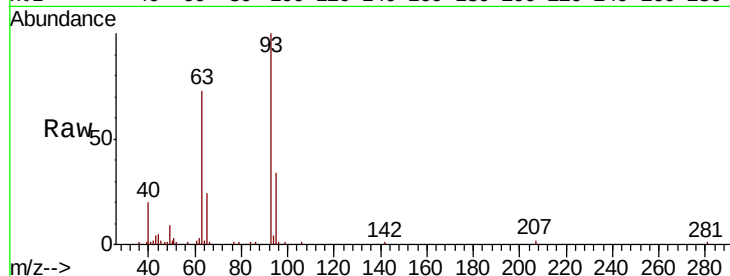
#11
bis(2-Chloroethyl)ether
Concen: 4.565 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		102668		
63	73.5	53.4	93.4		
95	33.8	13.0	53.0		

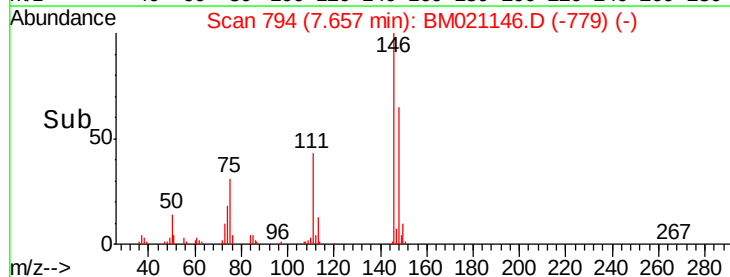
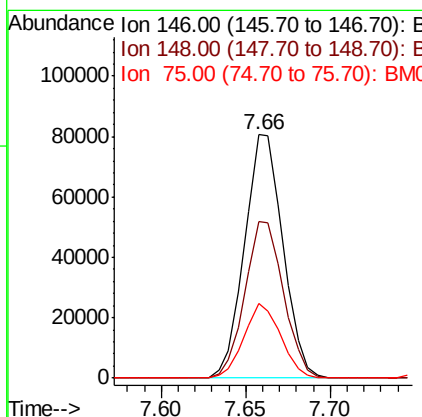
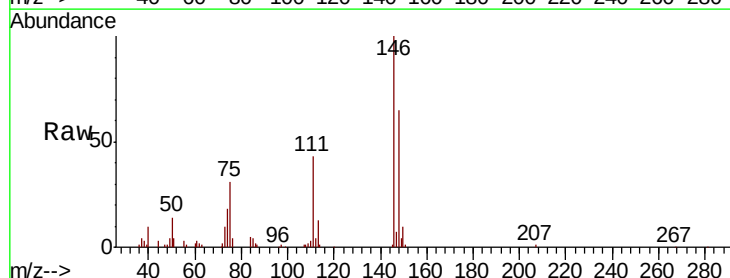
Manual Integrations
APPROVED

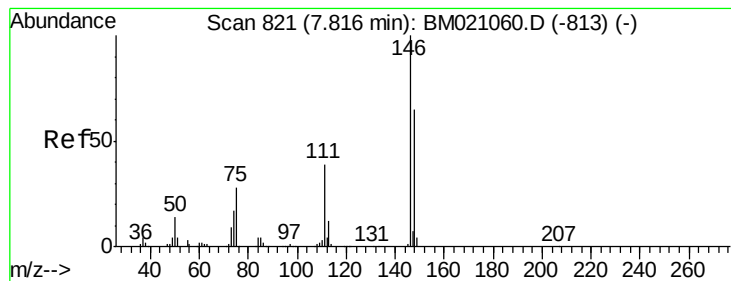
mohammad
6/28/2019 8:26:01 AM



#12
1,3-Dichlorobenzene
Concen: 4.481 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		127558		
148	64.5	52.2	78.2		
75	30.6	22.2	33.4		





#13

1,4-Dichlorobenzene

Concen: 4.511 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

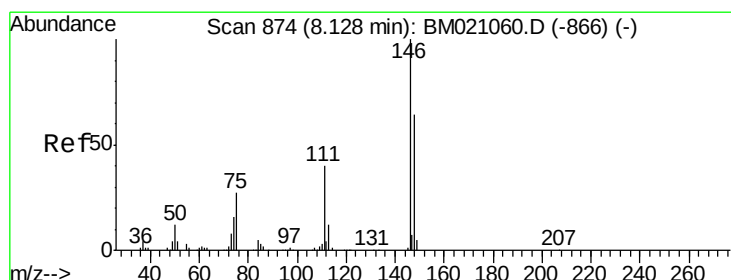
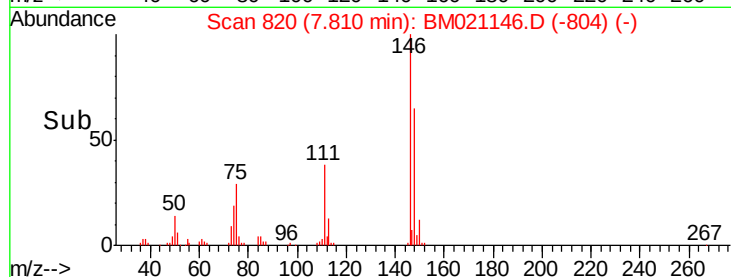
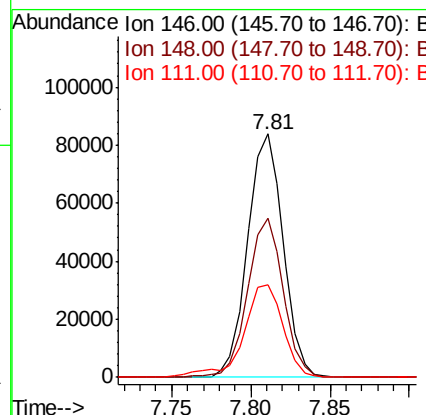
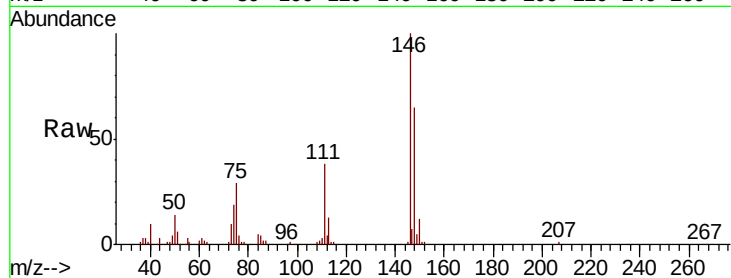
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	146	Resp:	130574
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.9	77.9
111	37.9	31.4	47.0

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#14

1,2-Dichlorobenzene

Concen: 4.485 ng

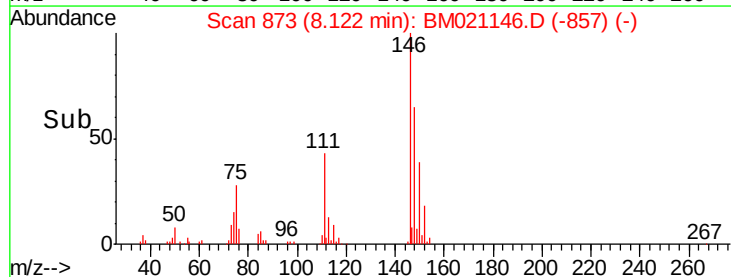
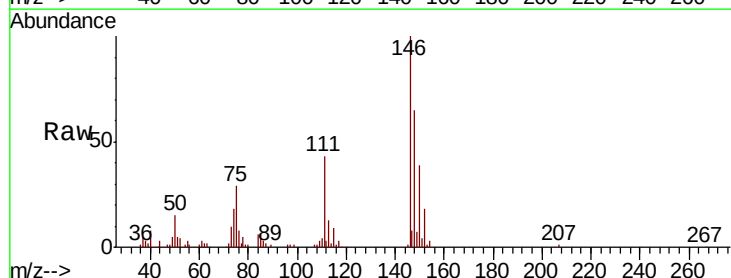
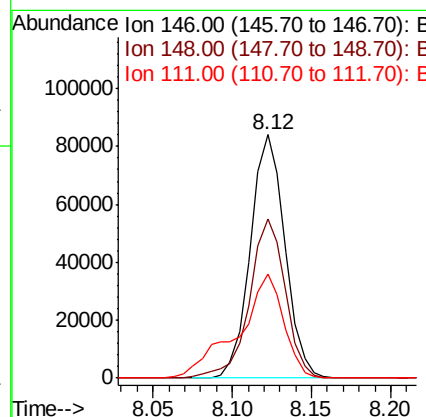
RT: 8.12 min Scan# 873

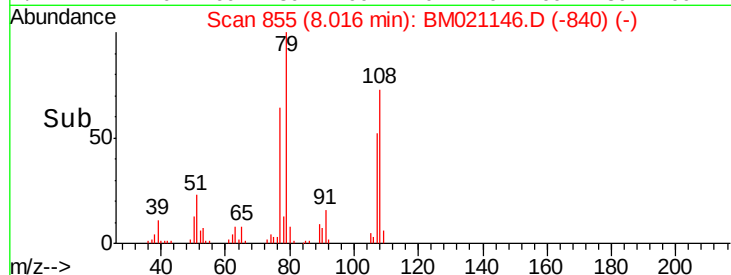
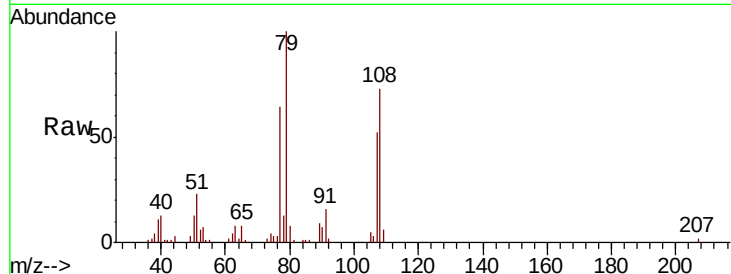
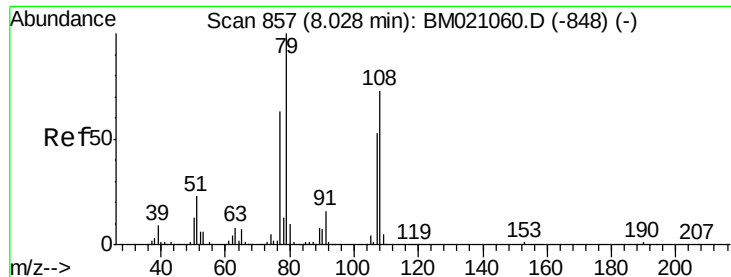
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	146	Resp:	127224
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.2	76.8
111	43.0	32.8	49.2





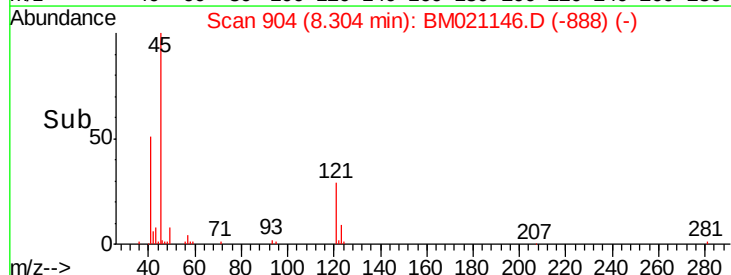
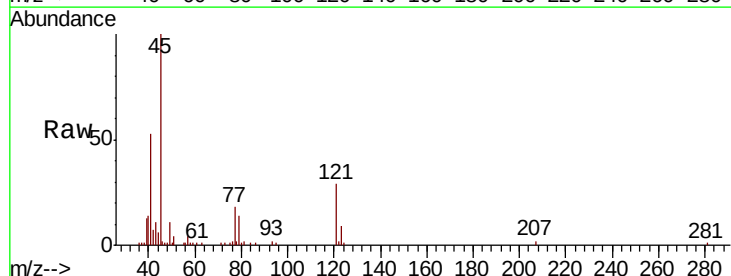
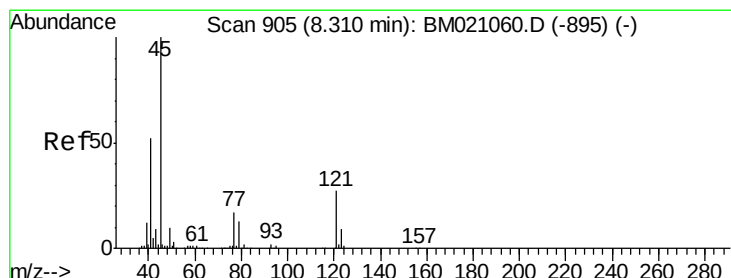
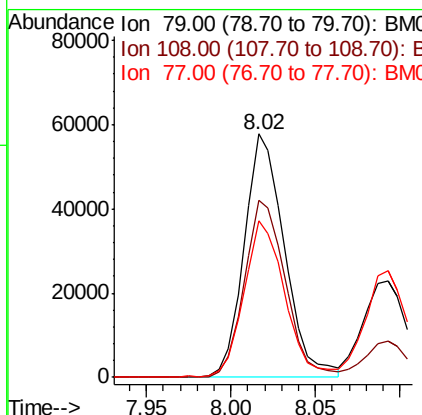
#15
Benzyl Alcohol
Concen: 4.260 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.6	58.4	87.6	
77	64.1	50.1	75.1	

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

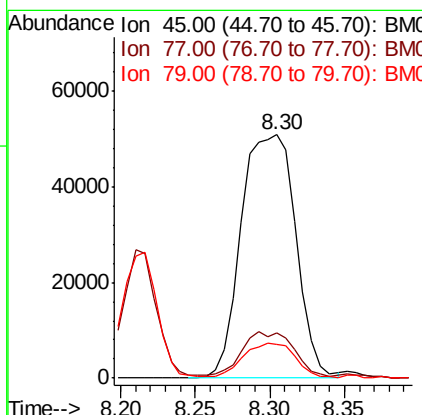
Manual Integrations
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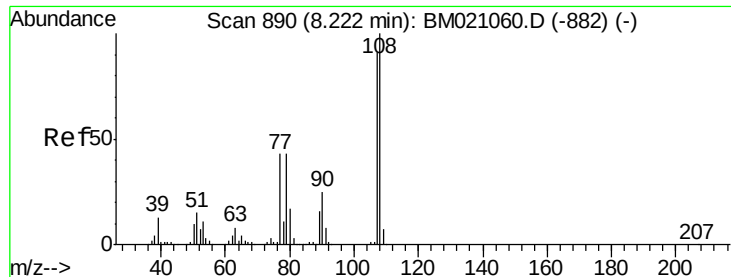
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.431 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.4	0.0	37.5	
79	14.1	0.0	33.5	





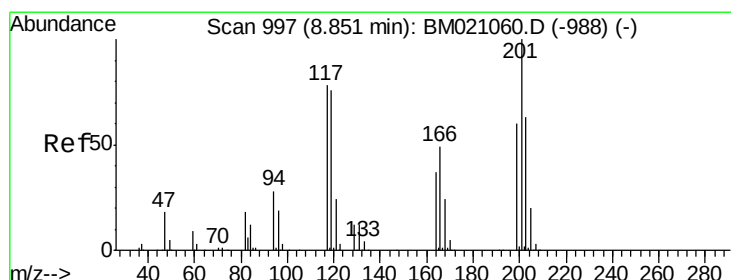
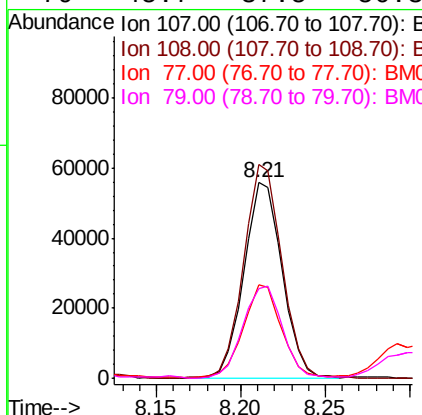
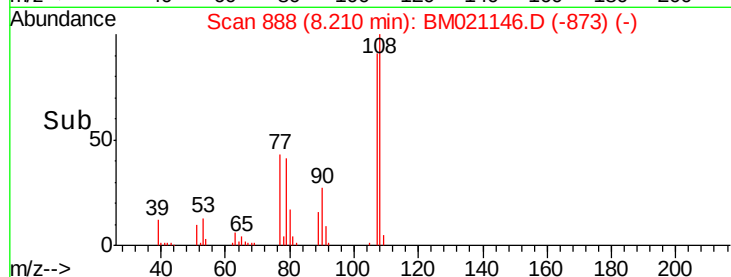
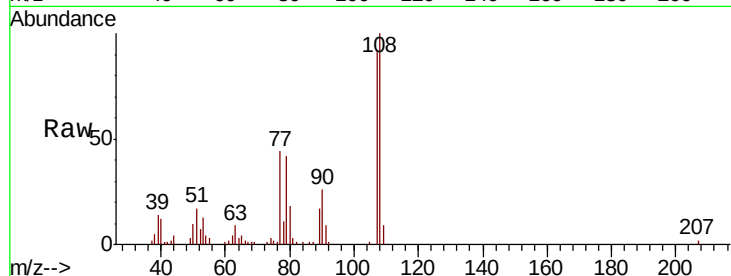
#17
2-Methylphenol
Concen: 4.354 ng
RT: 8.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	87.5	131.3	
77	47.9	37.8	56.8	
79	45.7	37.5	56.3	

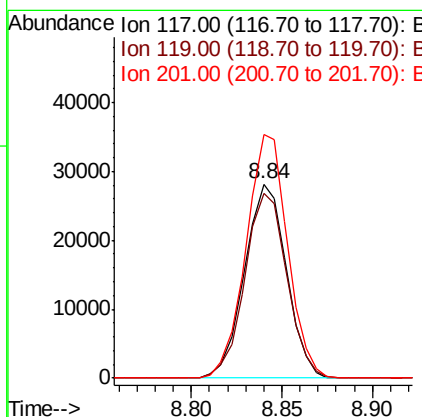
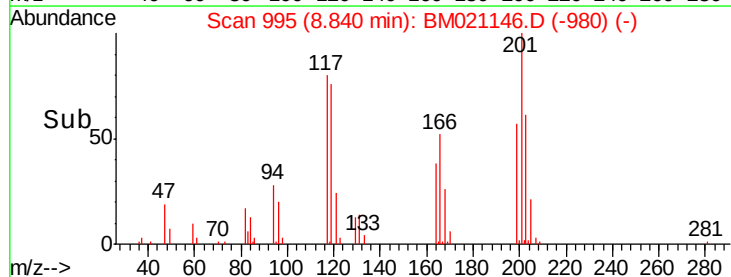
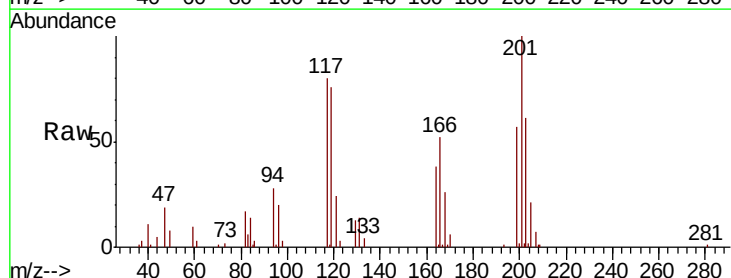
Manual Integrations
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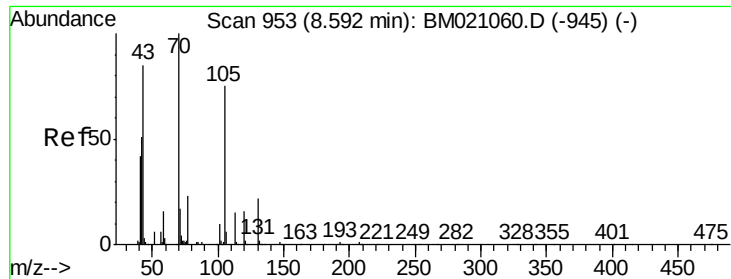
mohammad
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#18
Hexachloroethane
Concen: 4.344 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.5	116.3	
201	125.4	102.3	153.5	





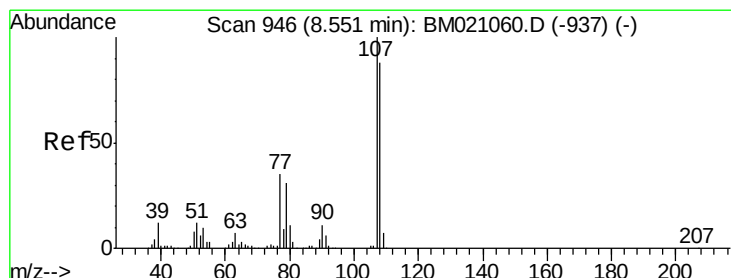
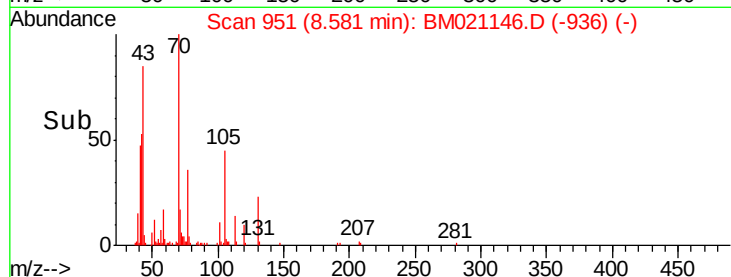
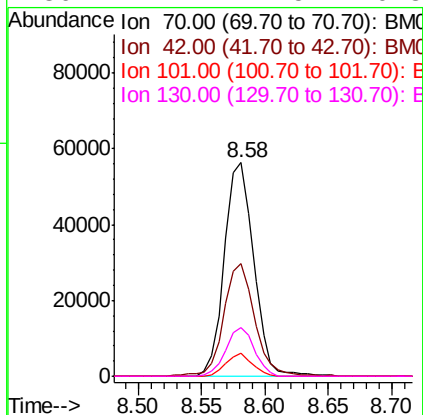
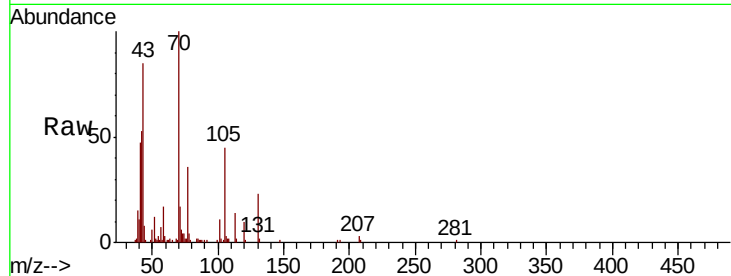
#19
n-Nitroso-di-n-propylamine
Concen: 4.495 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.9	41.9	62.9	
101	11.0	8.1	12.1	
130	22.7	17.5	26.3	

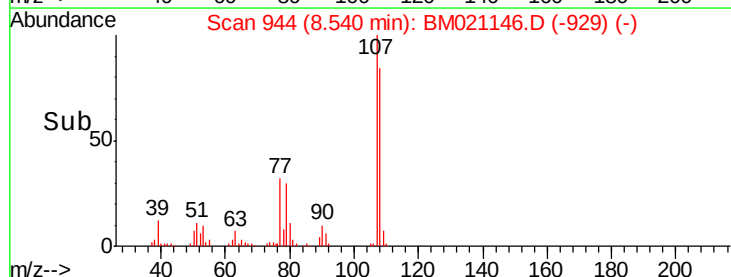
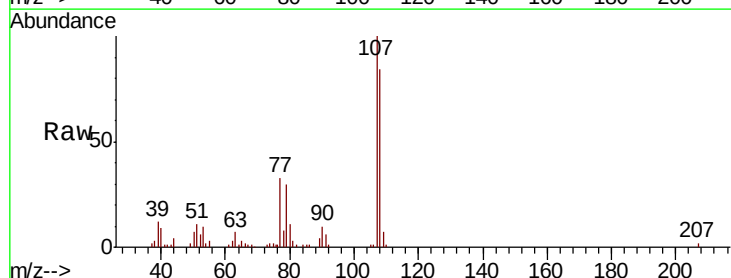
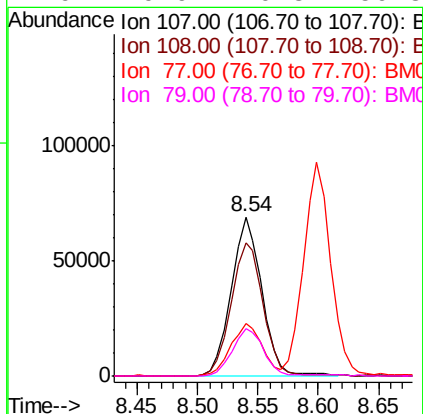
Manual Integrations
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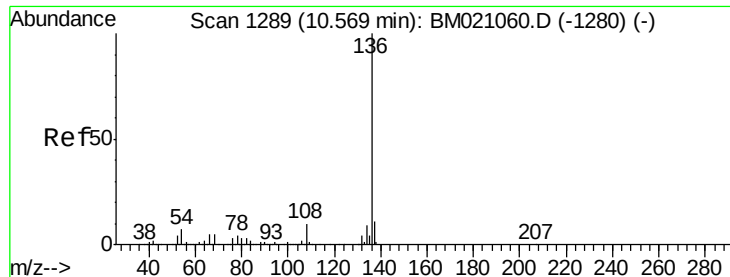
mohammad
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#20
3+4-Methylphenols
Concen: 4.360 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.9	67.9	107.9	
77	32.7	14.6	54.6	
79	29.9	10.8	50.8	





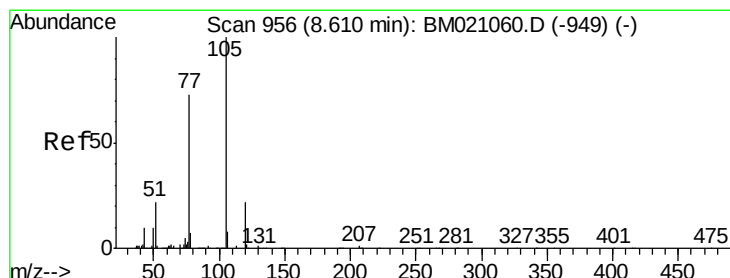
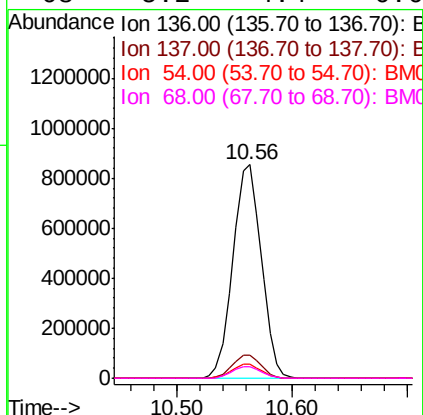
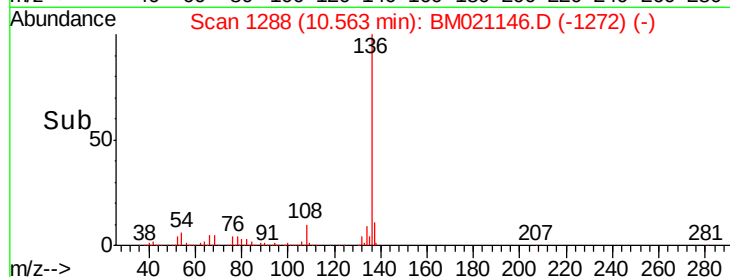
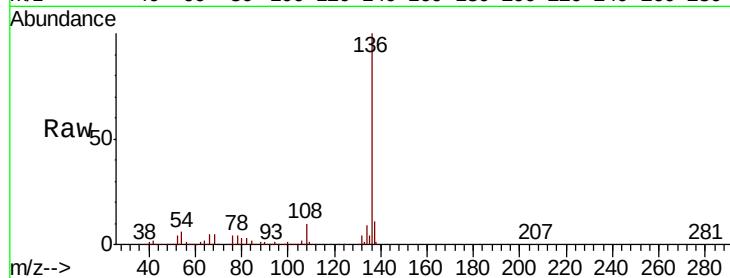
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	136	Resp	1459922
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.5	5.3	7.9
68	5.2	4.4	6.6

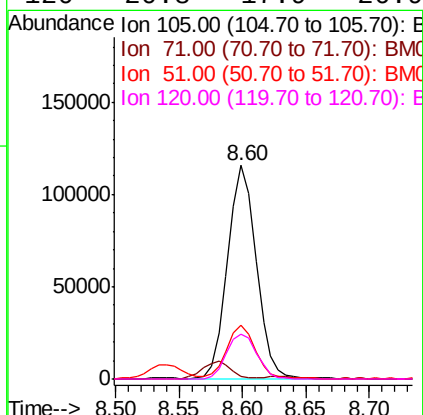
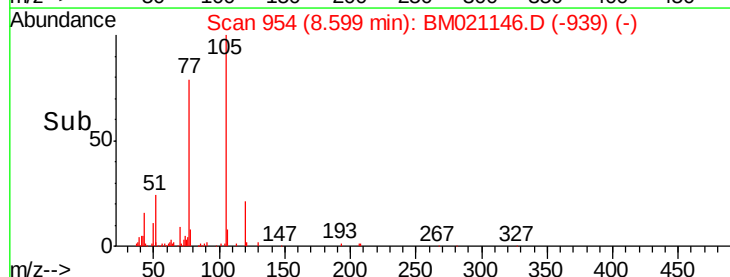
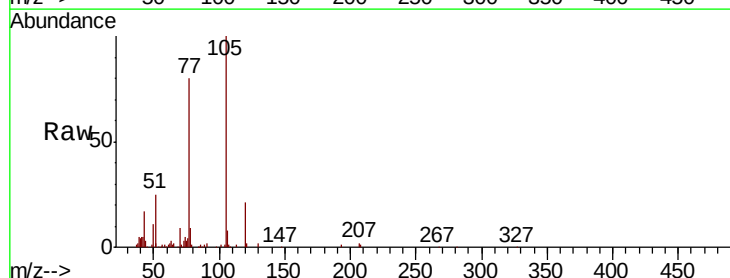
Manual Integrations
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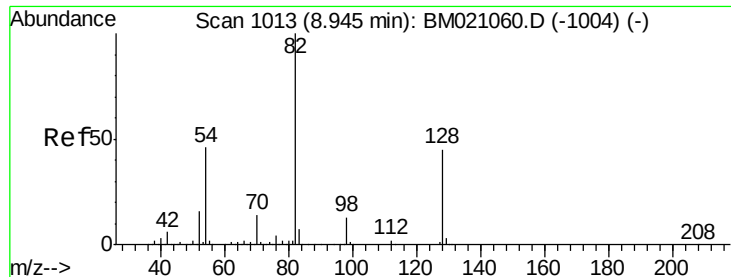
mohammad
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#22
Acetophenone
Concen: 4.864 ng
RT: 8.60 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	105	Resp	180951
Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.2	1.8
51	24.9	19.1	28.7
120	20.8	17.9	26.9





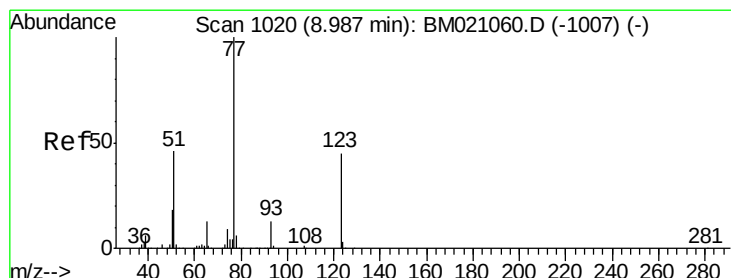
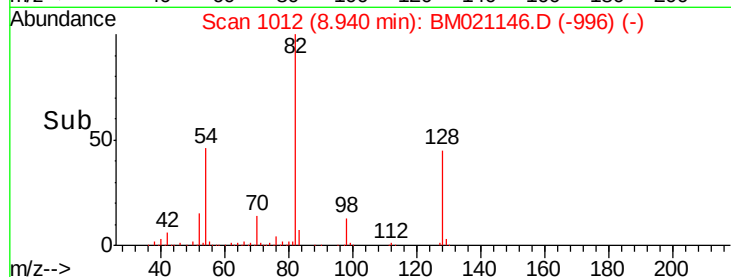
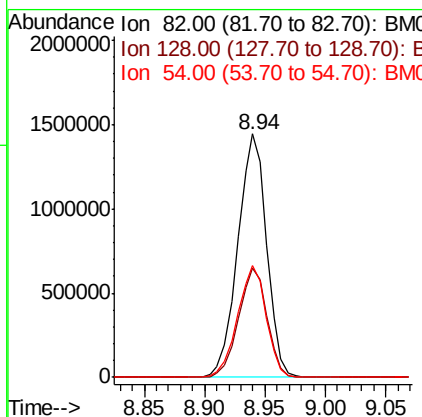
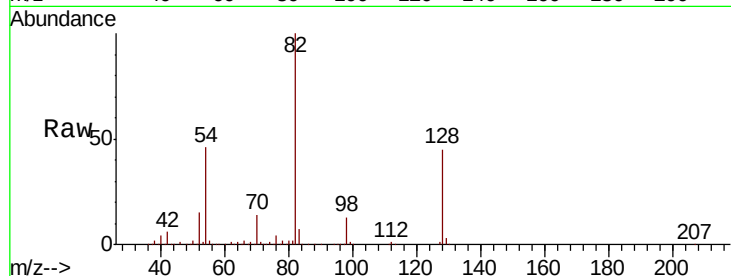
#23
Nitrobenzene-d5
Concen: 85.810 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.9	53.9
54	45.9	36.6	55.0

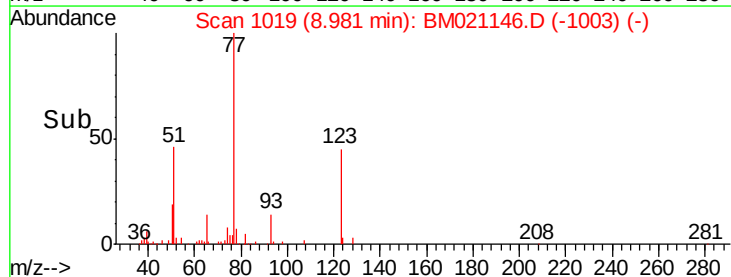
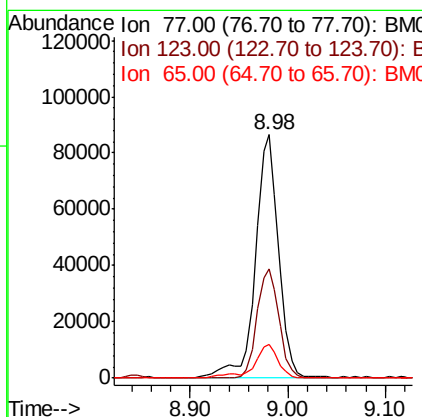
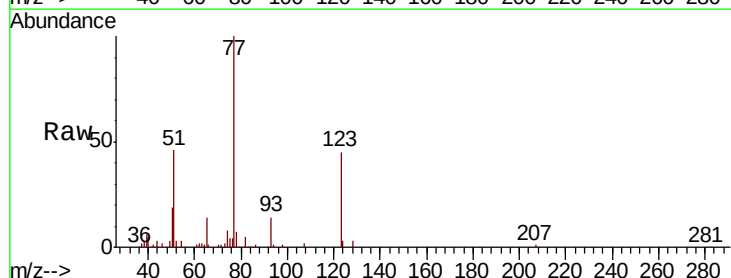
Manual Integrations
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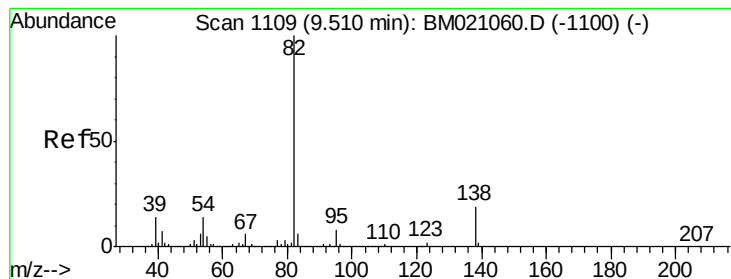
mohammad
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#24
Nitrobenzene
Concen: 5.233 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	36.3	54.5
65	13.9	10.6	16.0





#25

Isophorone

Concen: 4.710 ng

RT: 9.50 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

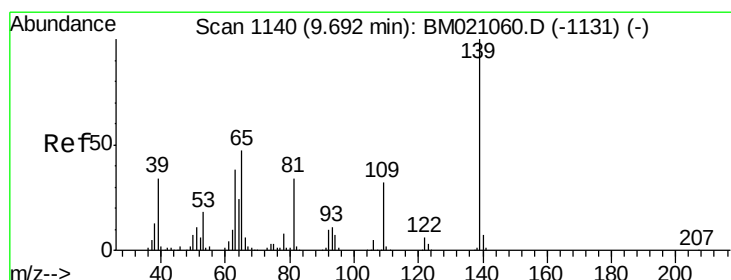
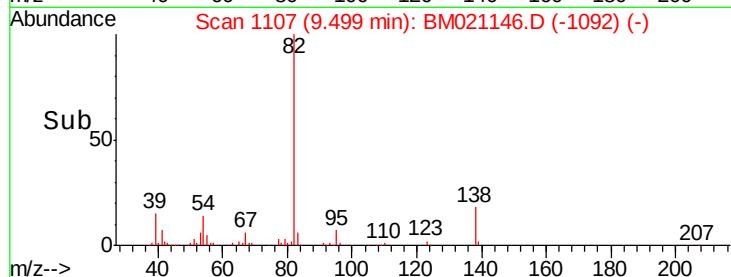
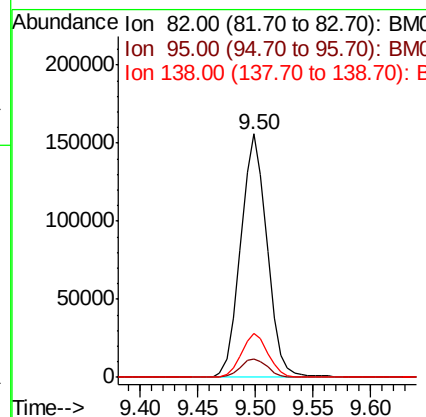
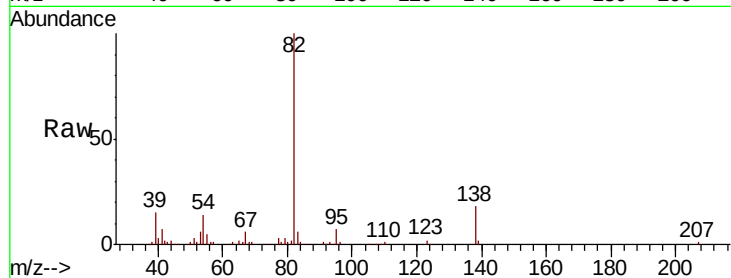
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	82	Resp:	246884
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.1	9.1
138	18.2	15.0	22.6

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#26

2-Nitrophenol

Concen: 4.256 ng

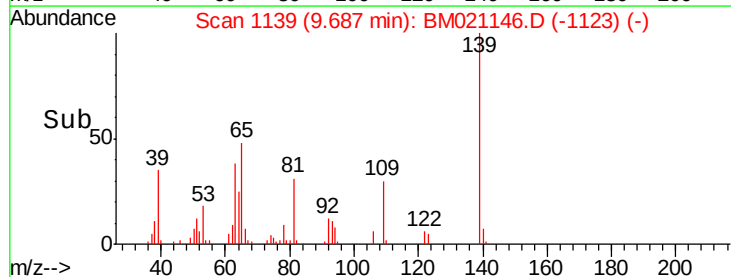
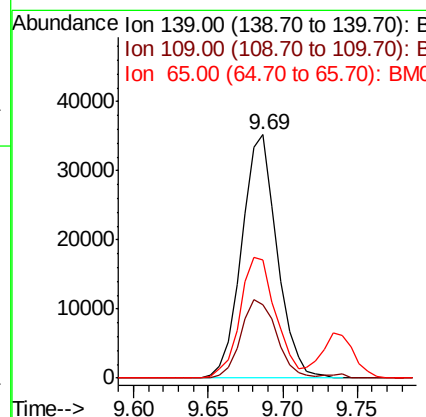
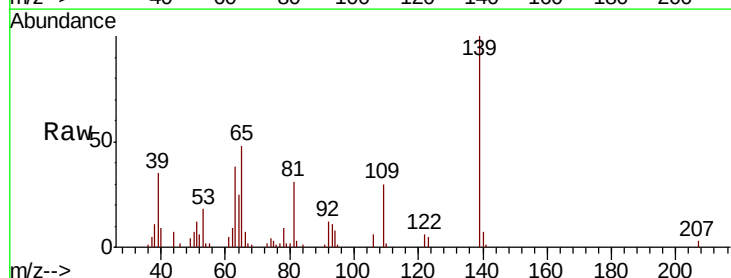
RT: 9.69 min Scan# 1139

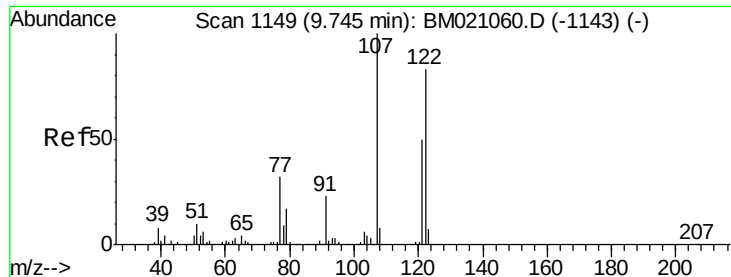
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	139	Resp:	57832
Ion Ratio	Lower	Upper	
139	100		
109	30.3	25.2	37.8
65	48.5	37.4	56.0





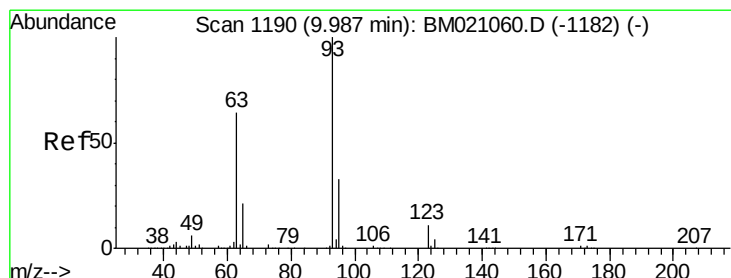
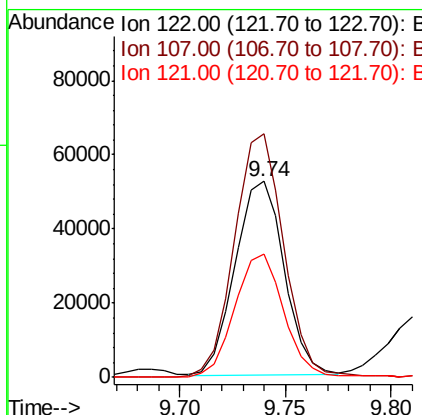
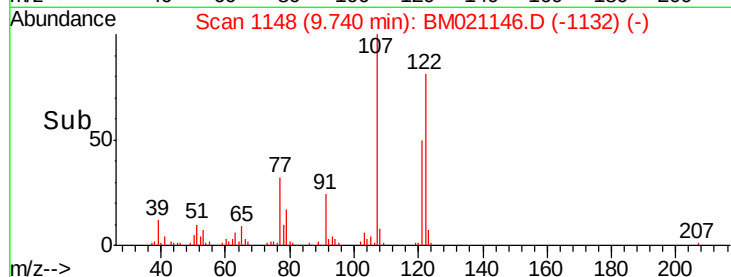
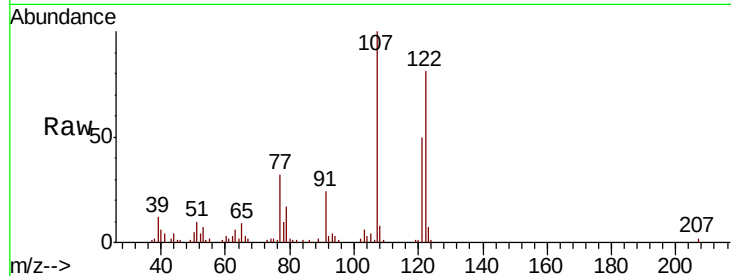
#27
 2,4-Dimethylphenol
 Concen: 4.262 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	95.3	142.9
121	62.6	47.5	71.3

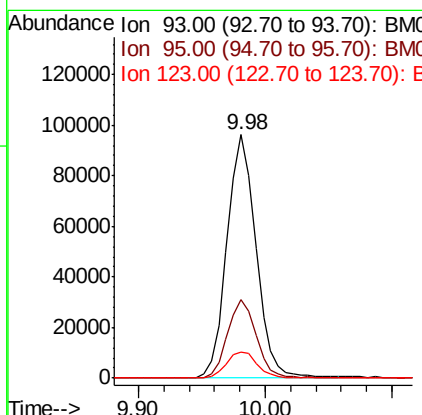
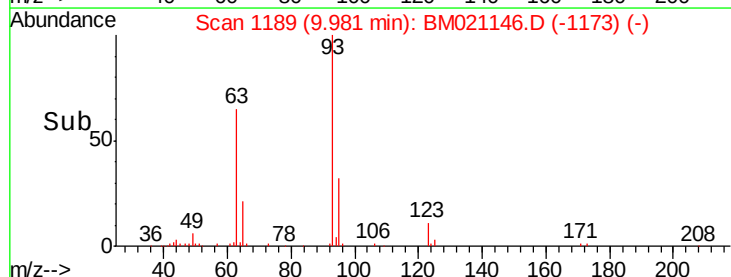
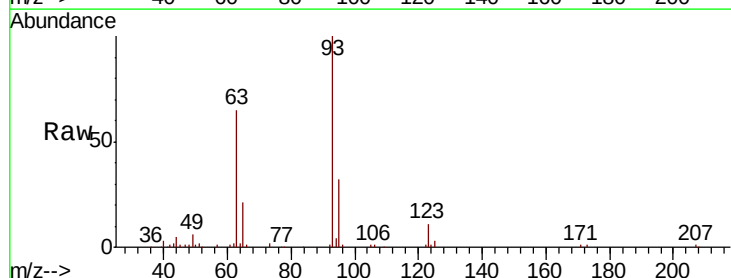
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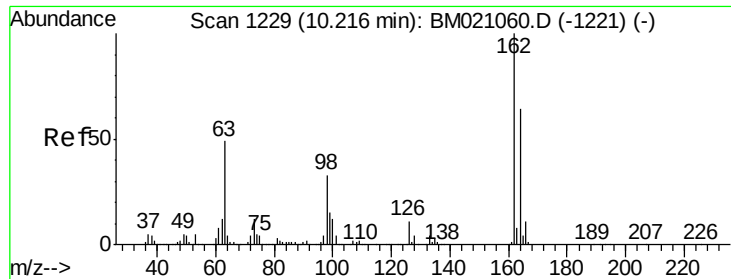
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#28
 bis(2-Chloroethoxy)methane
 Concen: 4.711 ng
 RT: 9.98 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.2
123	10.6	9.0	13.4





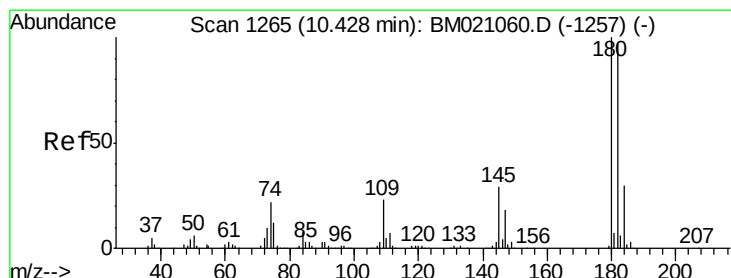
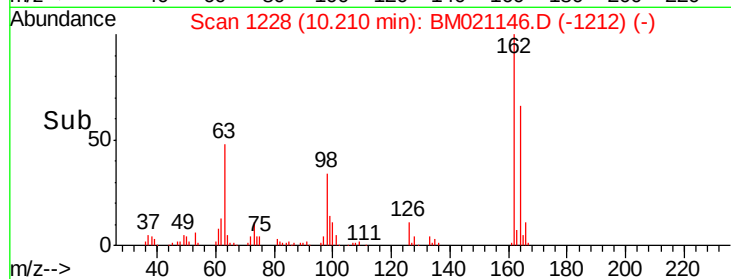
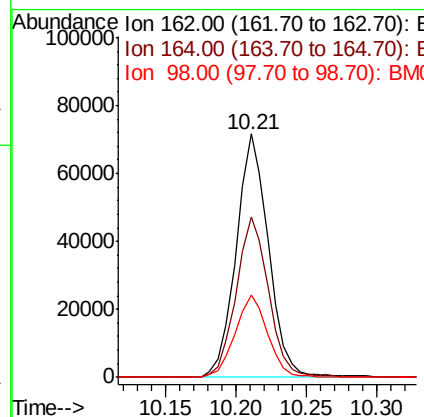
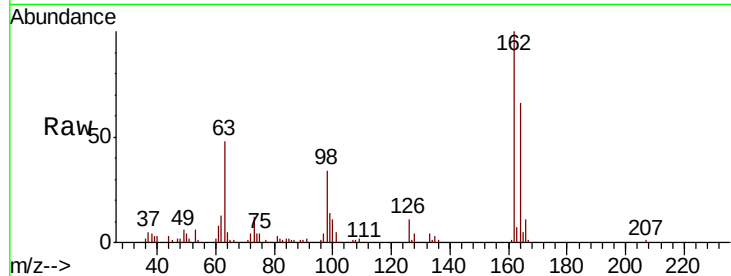
#29
2,4-Dichlorophenol
Concen: 4.453 ng
RT: 10.21 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	114199		
164	65.6	43.7	83.7	
98	33.6	13.4	53.4	

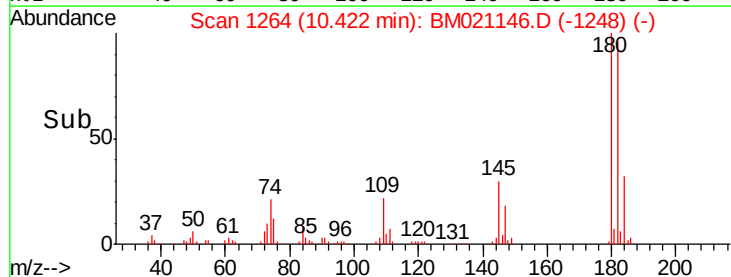
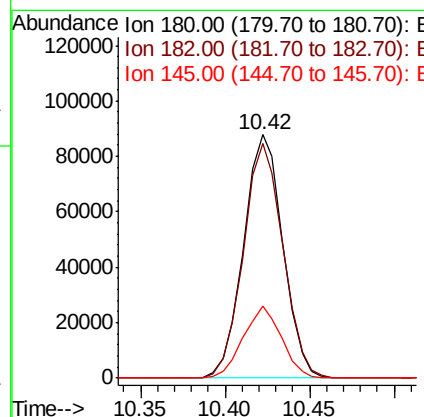
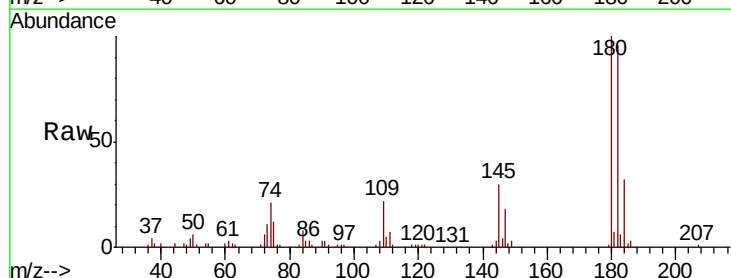
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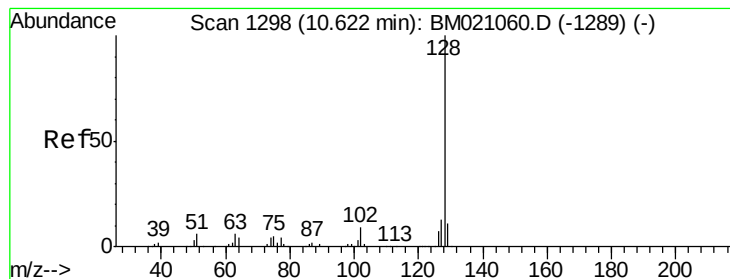
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#30
1,2,4-Trichlorobenzene
Concen: 4.693 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141894		
182	96.3	78.0	117.0	
145	29.7	23.4	35.0	





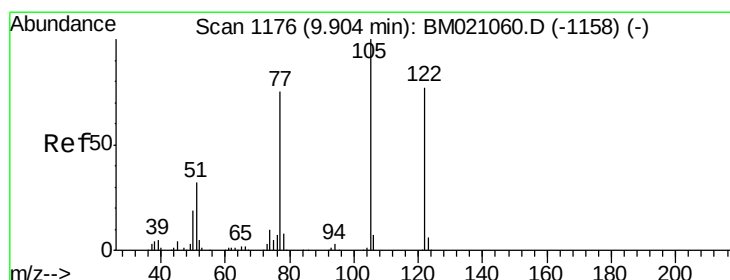
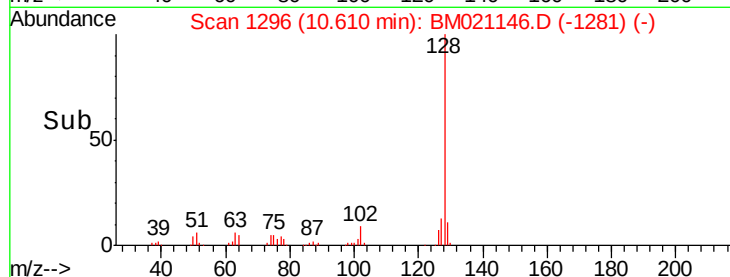
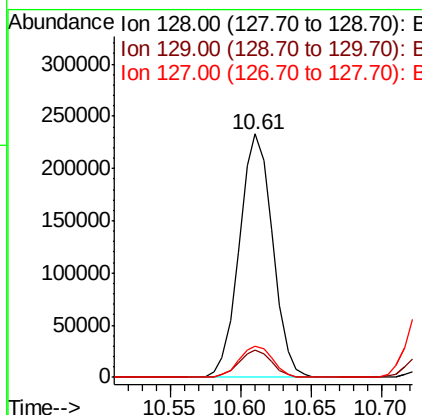
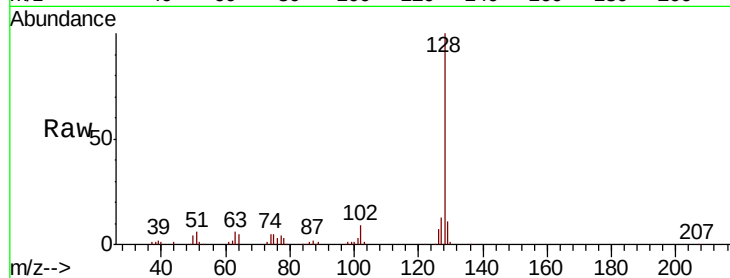
#31
Naphthalene
Concen: 4.981 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
128	100	384799		
129	11.4	8.6	13.0	
127	12.8	10.8	16.2	

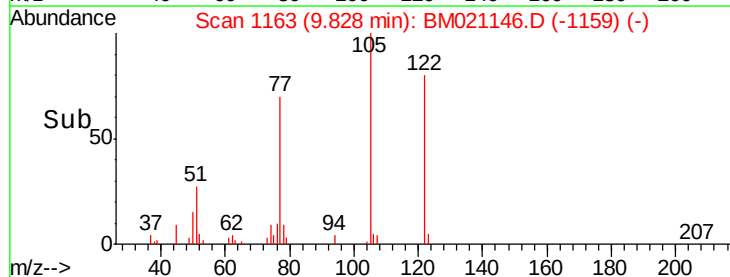
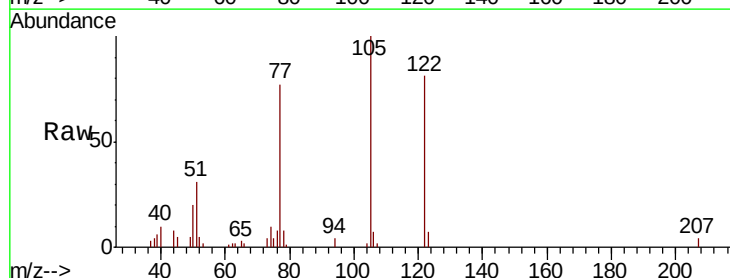
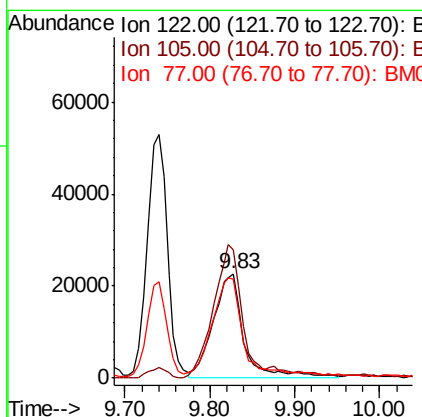
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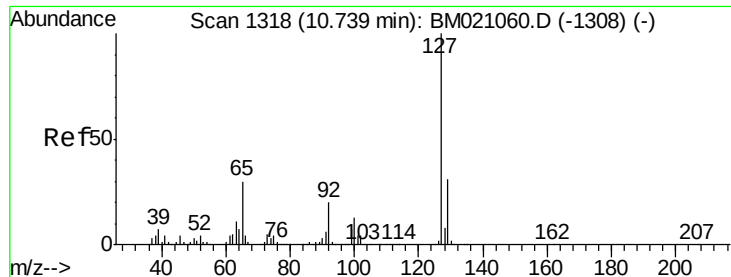
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#32
Benzoic acid
Concen: 3.626 ng m
RT: 9.83 min Scan# 1163
Delta R.T. -0.08 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	58138		
105	123.1	108.9	148.9	
77	94.7	76.7	116.7	





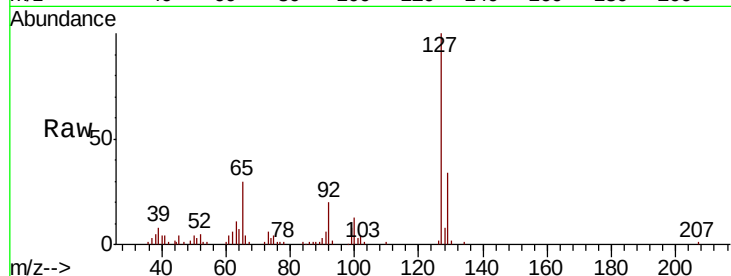
#33
4-Chloroaniline
Concen: 4.453 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

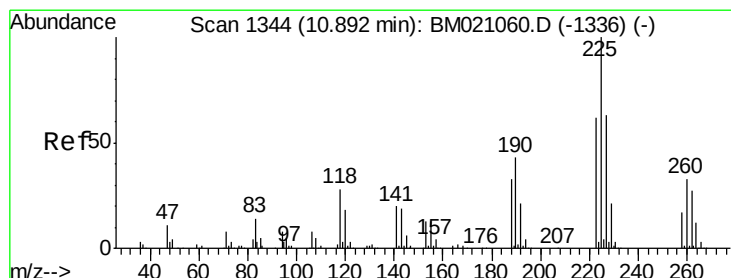
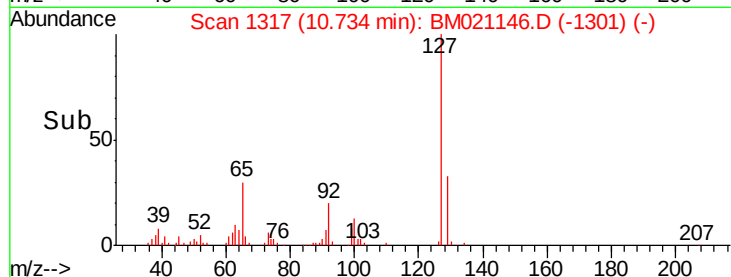
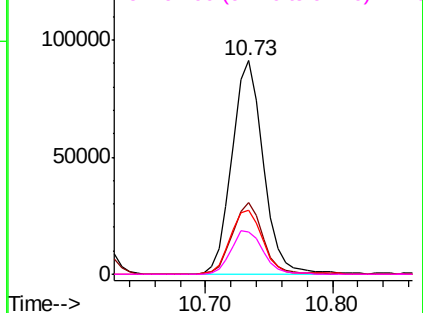
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	25.1	37.7	
65	29.8	23.8	35.8	
92	19.9	15.7	23.5	

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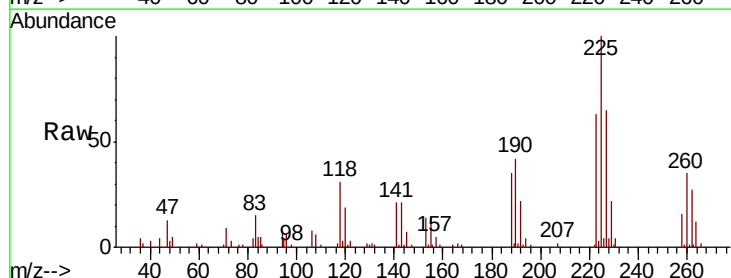


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

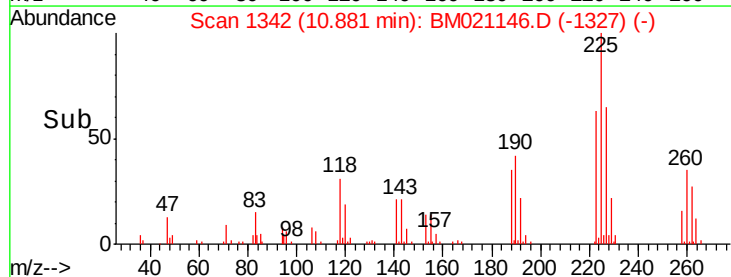
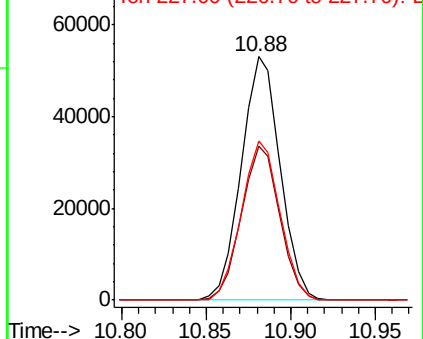


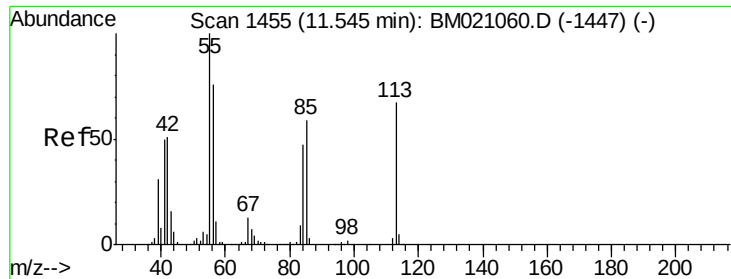
#34
Hexachlorobutadiene
Concen: 4.448 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.6	74.4	
227	65.2	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: 4.200 ng

RT: 11.53 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:113 Resp: 33693

Ion Ratio Lower Upper

113 100

55 138.2 129.8 169.8

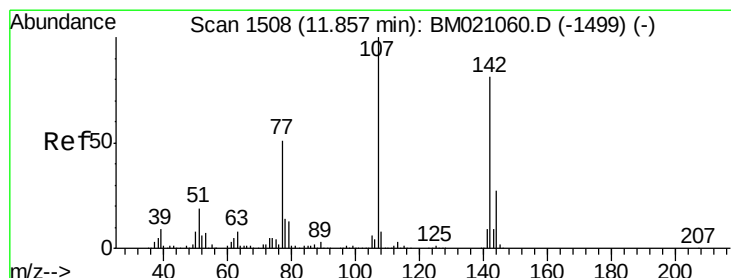
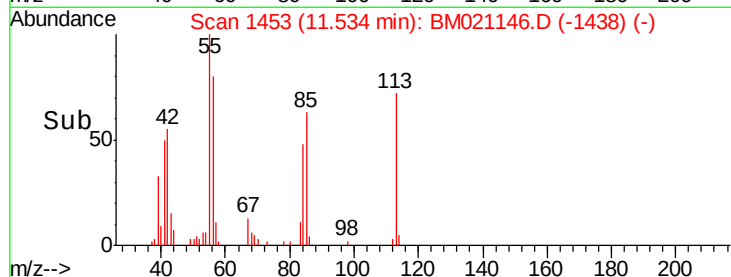
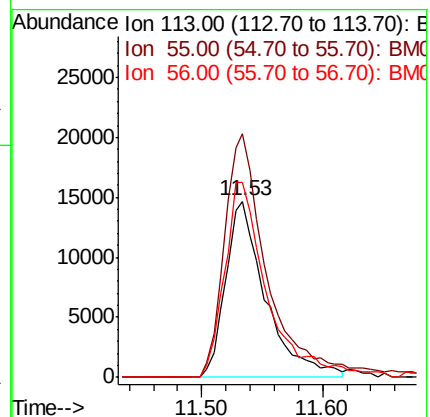
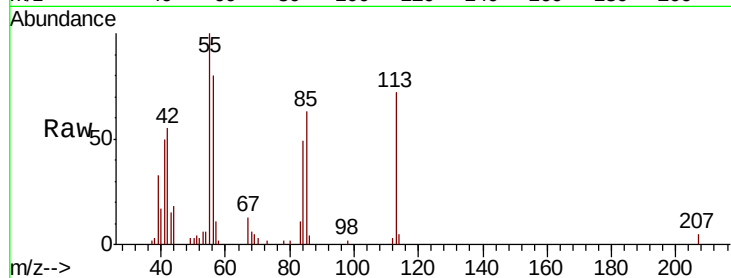
56 110.5 94.3 134.3

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#36

4-Chloro-3-methylphenol

Concen: 4.732 ng

RT: 11.85 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

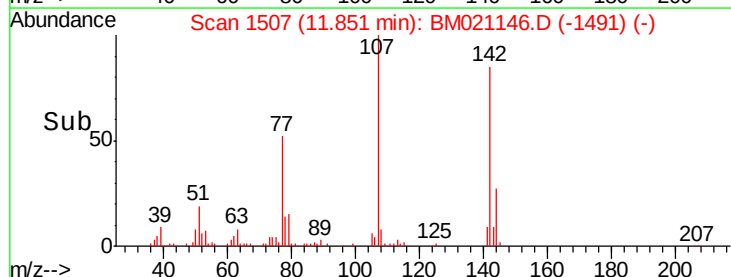
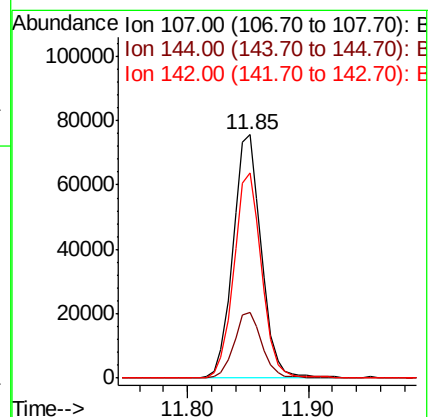
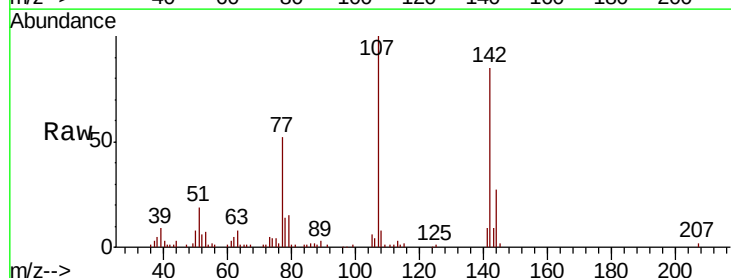
Tgt Ion:107 Resp: 123502

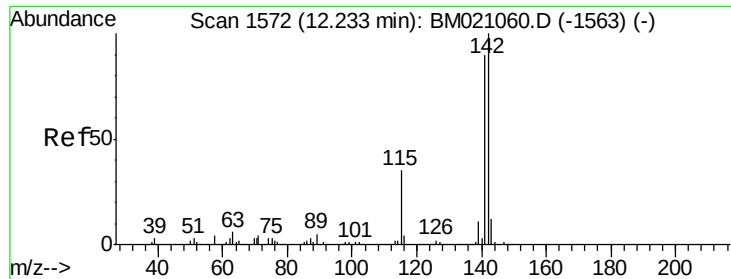
Ion Ratio Lower Upper

107 100

144 27.0 21.3 31.9

142 84.5 64.9 97.3





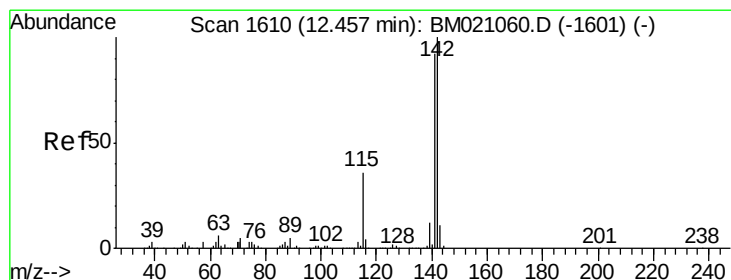
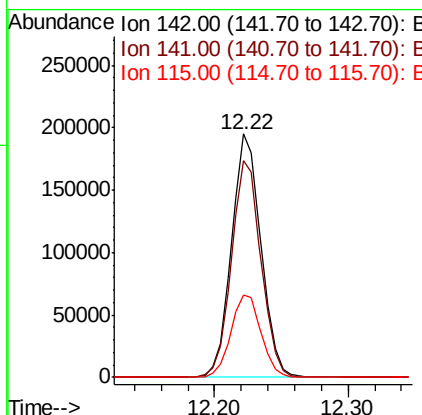
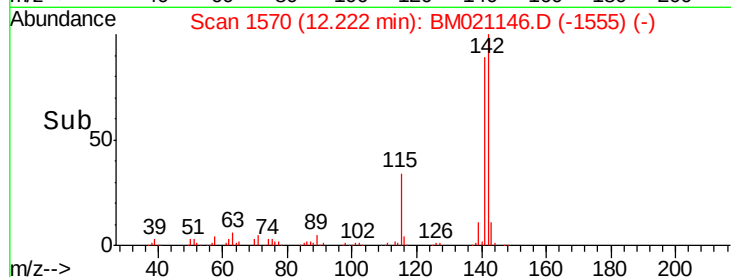
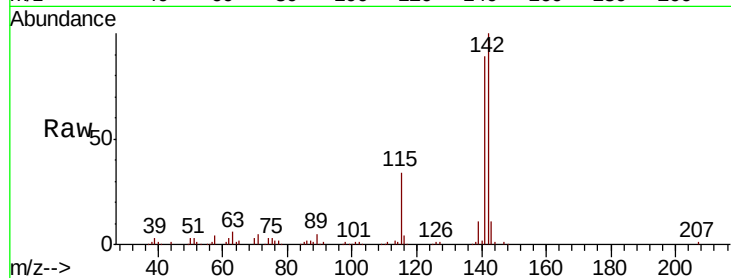
#37
2-Methylnaphthalene
Concen: 5.042 ng
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.2	108.2
115	33.8	27.9	41.9

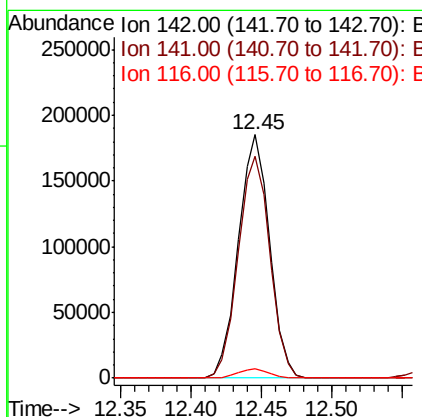
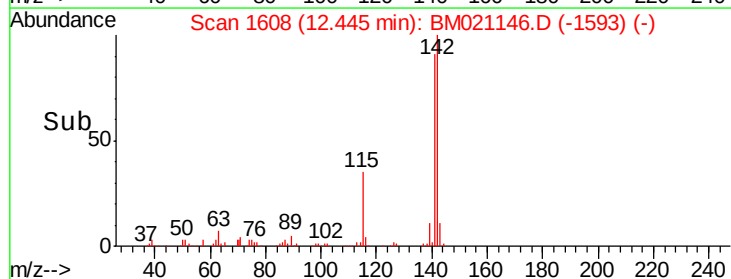
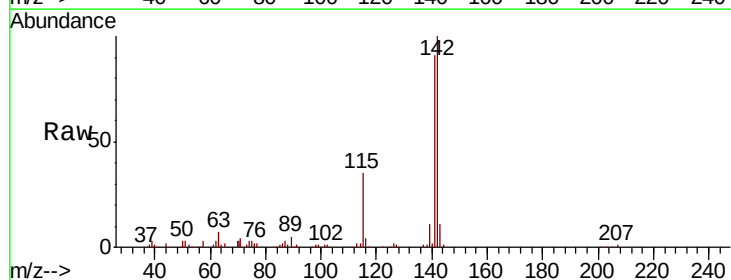
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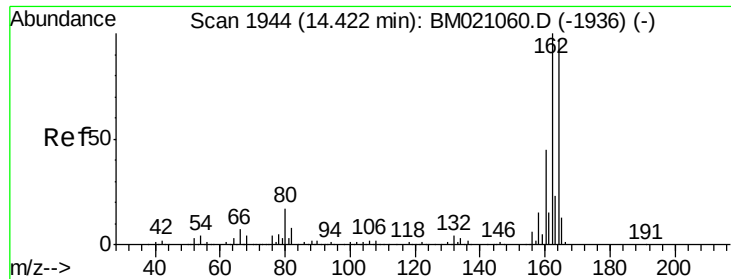
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#38
1-Methylnaphthalene
Concen: 5.051 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	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: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

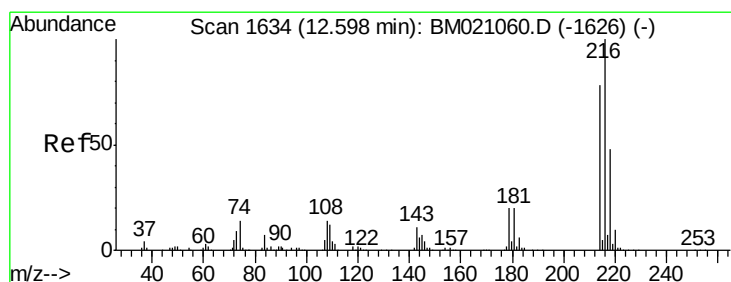
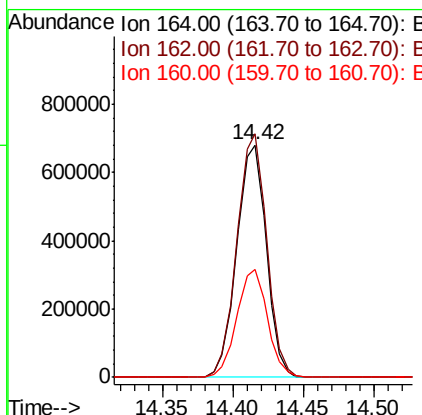
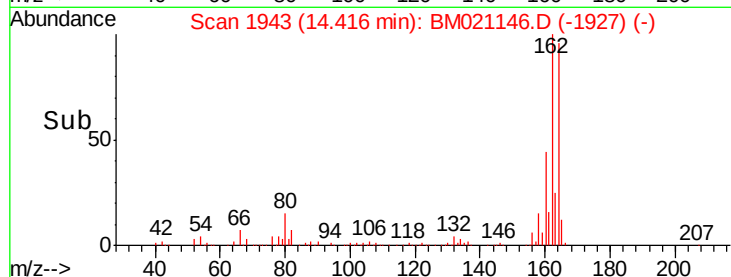
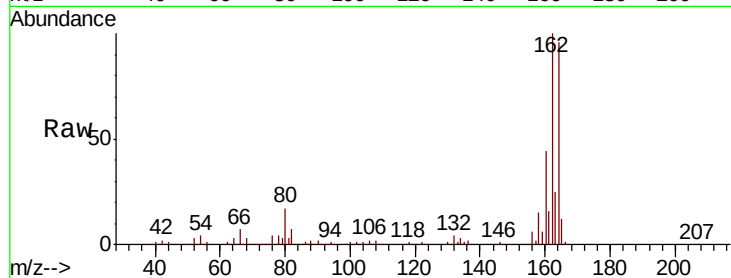
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	164	Resp:	995137
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.1	123.1
160	46.5	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.658 ng

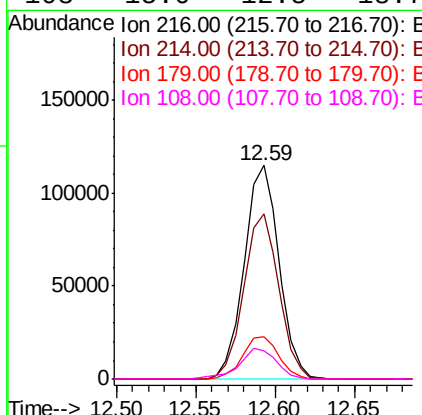
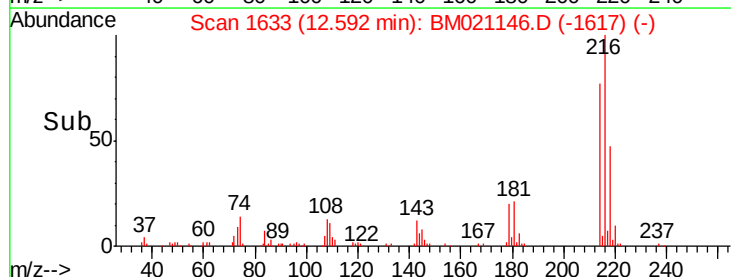
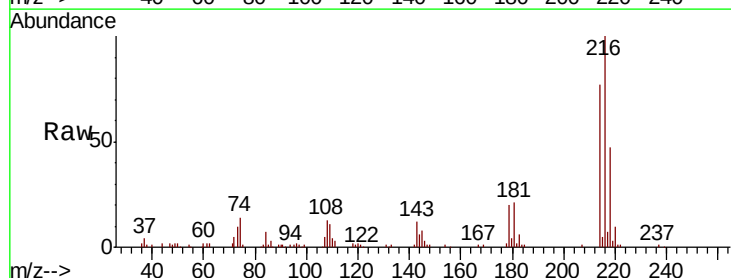
RT: 12.59 min Scan# 1633

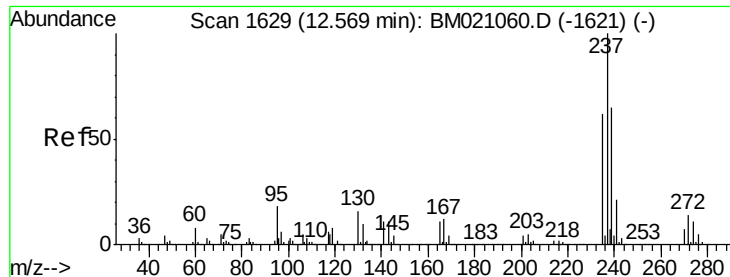
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	216	Resp:	175442
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.0	94.6
179	20.5	16.4	24.6
108	15.0	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 2.791 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

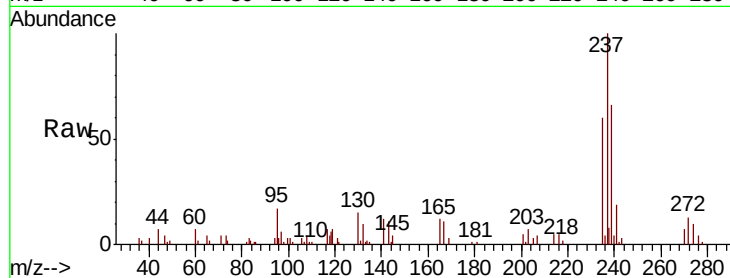
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

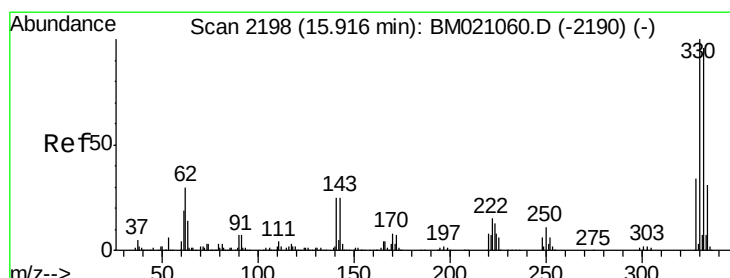
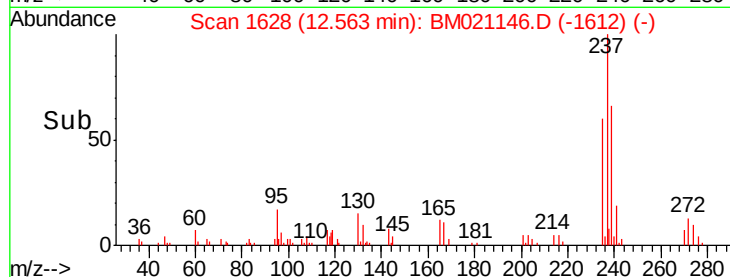
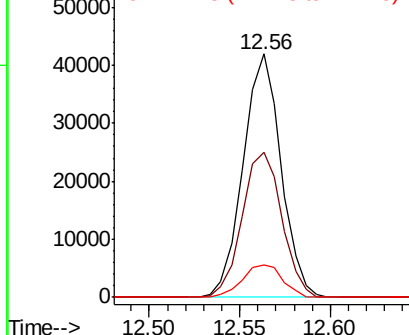
Tot Ion:	237	Resp:	60945
Ion Ratio	Lower	Upper	
237	100		
235	59.5	41.7	81.7
272	13.1	0.0	34.1

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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: 156.859 ng

RT: 15.91 min Scan# 2197

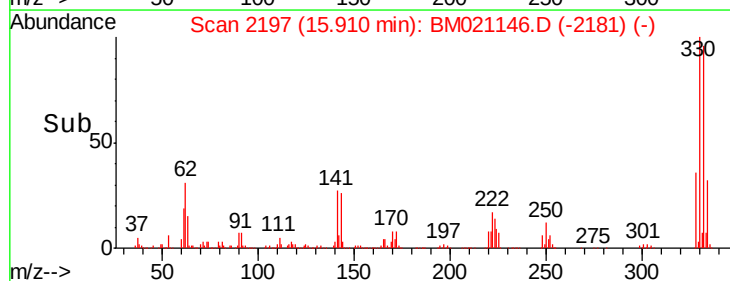
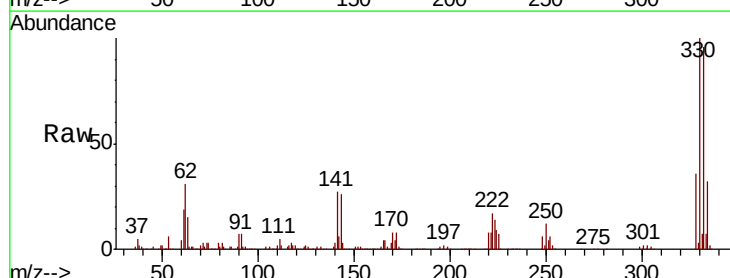
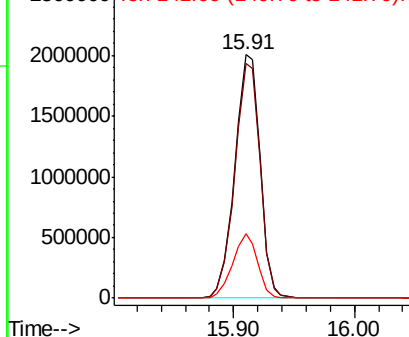
Delta R.T. -0.01 min

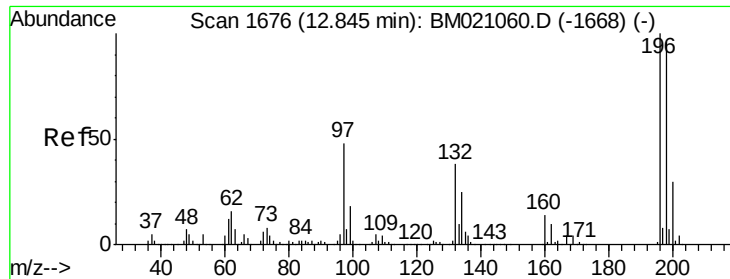
Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	330	Resp:	2929076
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.1	115.7
141	26.0	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





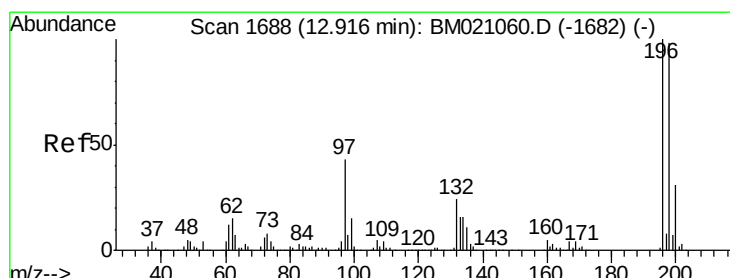
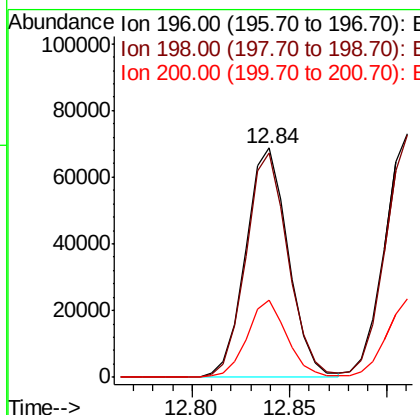
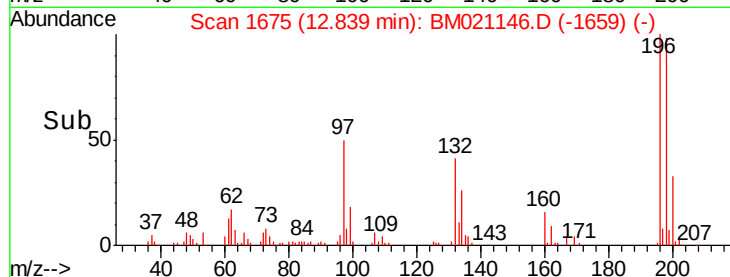
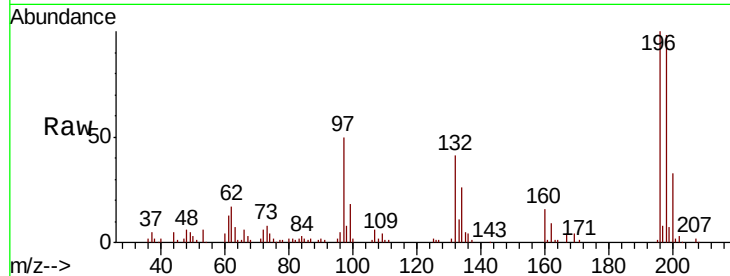
#43
 2,4,6-Trichlorophenol
 Concen: 4.176 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104092		
198	98.1	76.7	115.1	
200	33.5	24.2	36.4	

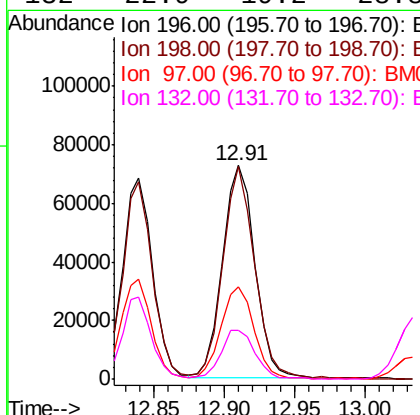
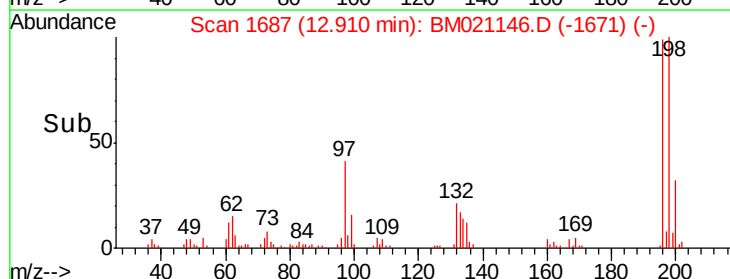
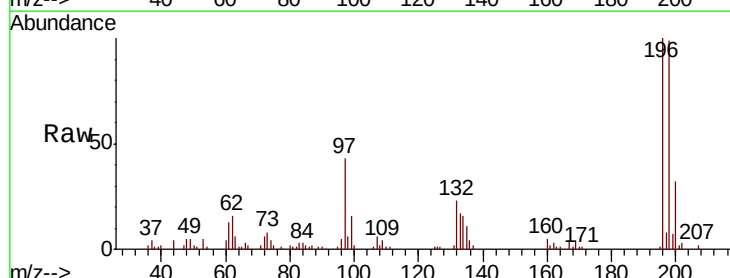
Manual Integrations
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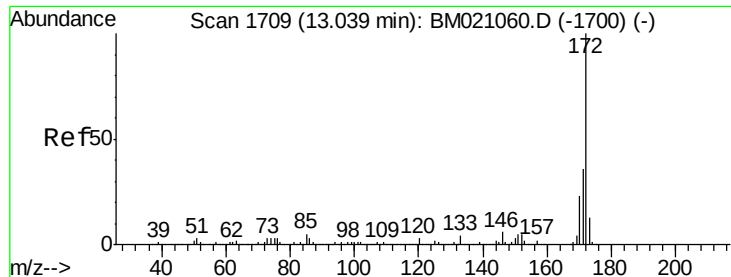
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#44
 2,4,5-Trichlorophenol
 Concen: 4.463 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115200		
198	99.5	78.2	117.4	
97	43.3	34.1	51.1	
132	22.9	19.2	28.8	





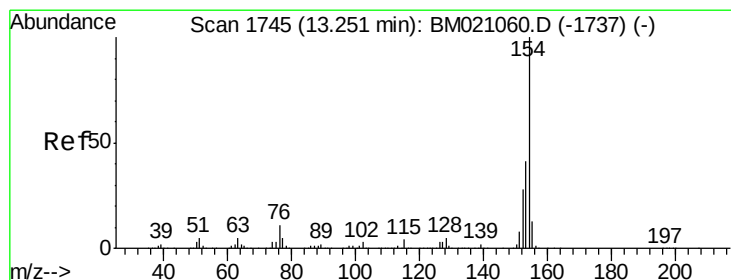
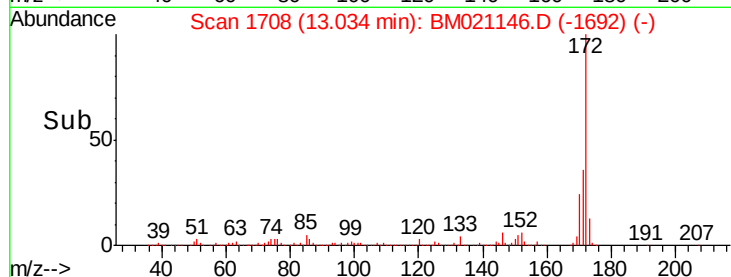
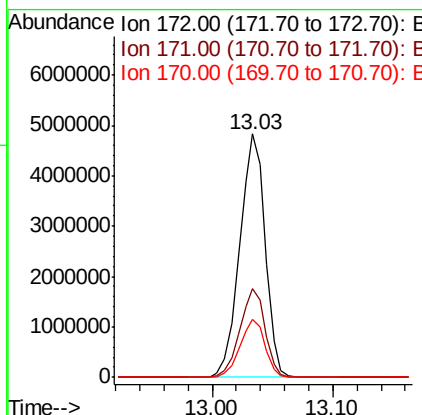
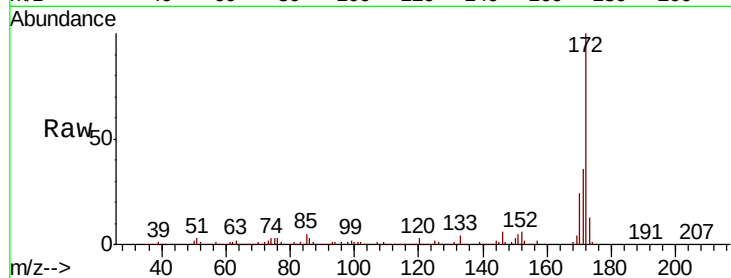
#45
2-Fluorobiphenyl
Concen: 87.073 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:172 Resp: 7050395
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.7 18.7 28.1

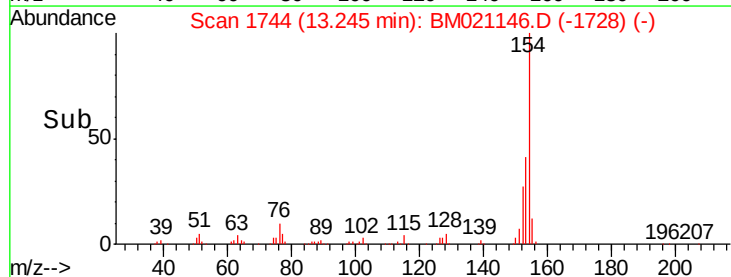
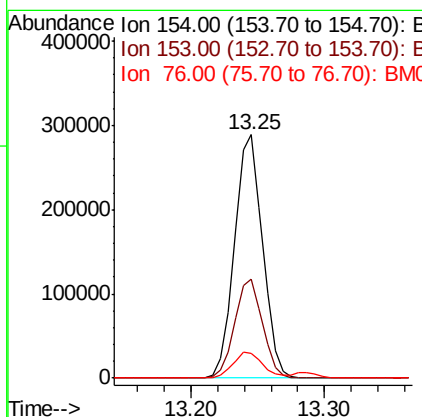
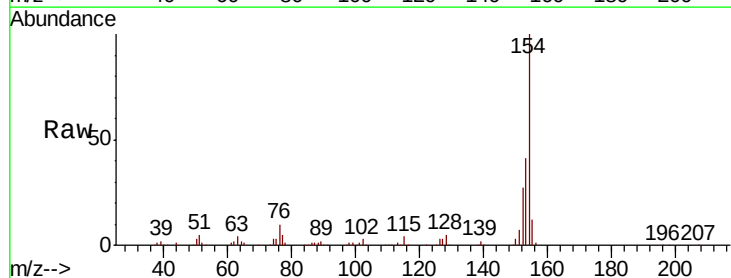
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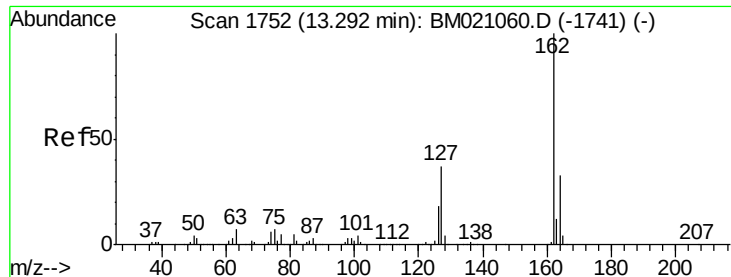
mohammad
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#46
1,1'-Biphenyl
Concen: 4.935 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion:154 Resp: 420349
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 10.3 0.0 30.9





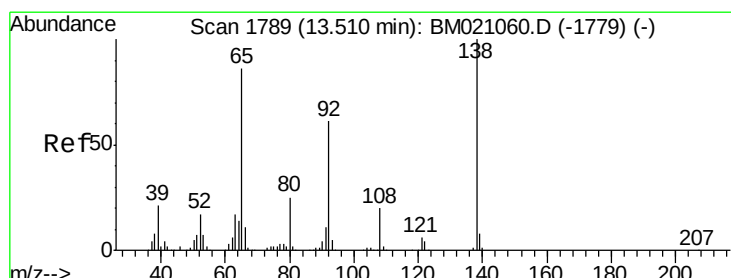
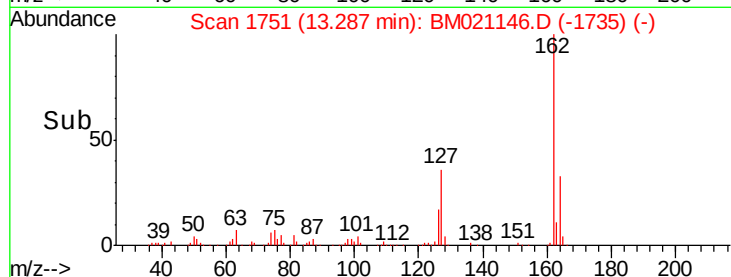
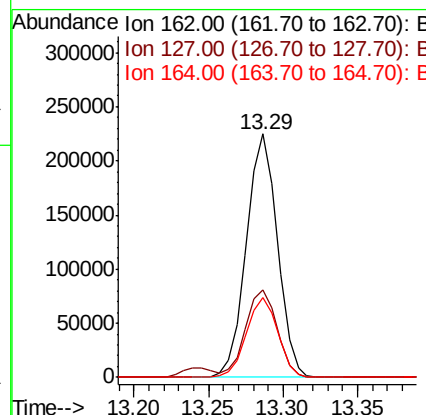
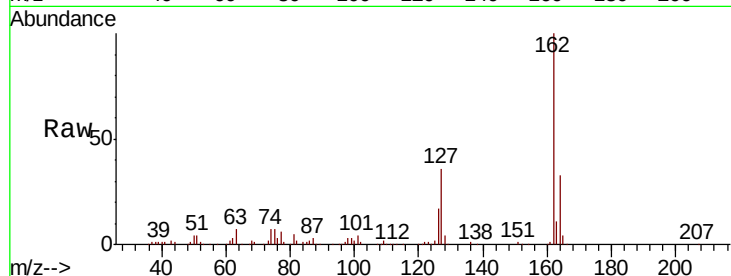
#47
2-Chloronaphthalene
Concen: 4.677 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.7	29.4	44.2	
164	32.7	26.5	39.7	

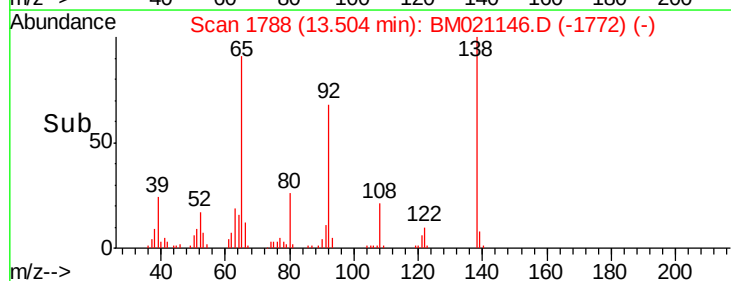
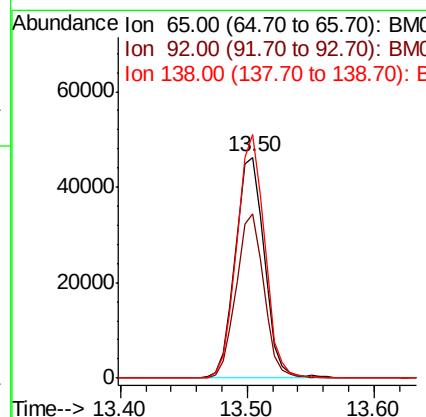
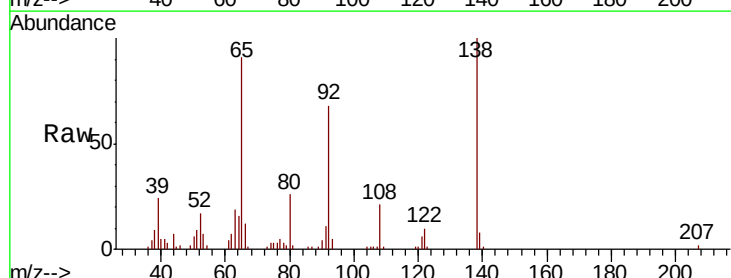
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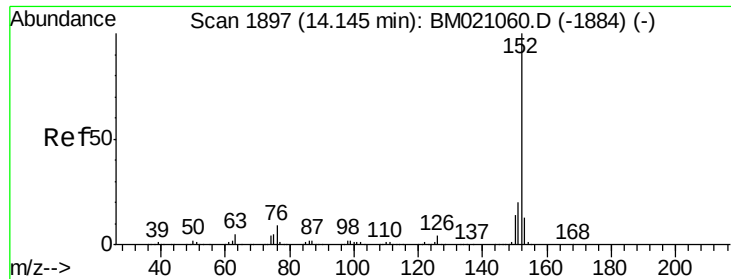
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#48
2-Nitroaniline
Concen: 3.877 ng
RT: 13.50 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.5	56.3	84.5	
138	110.2	92.6	139.0	





#49

Acenaphthylene

Concen: 4.831 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

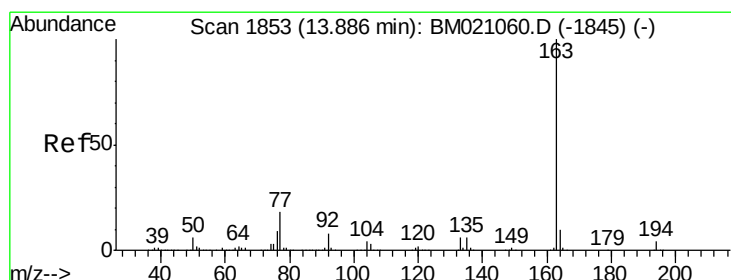
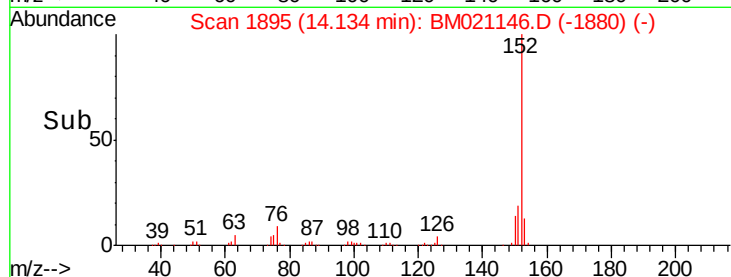
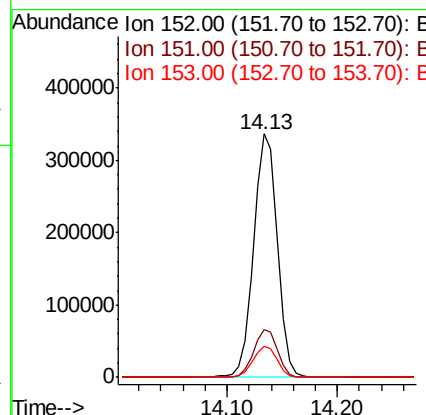
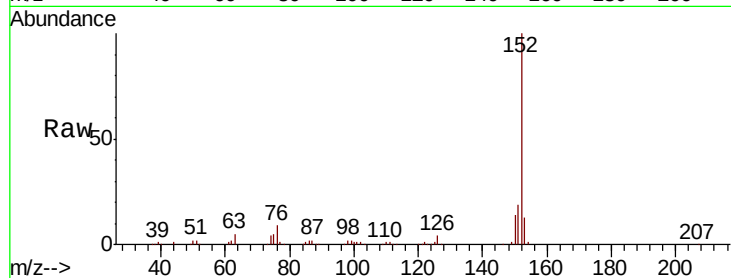
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	152	Resp:	508516
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.1	24.1
153	12.9	10.6	16.0

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#50

Dimethylphthalate

Concen: 4.669 ng

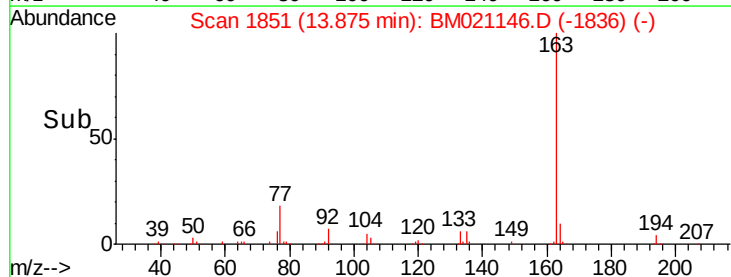
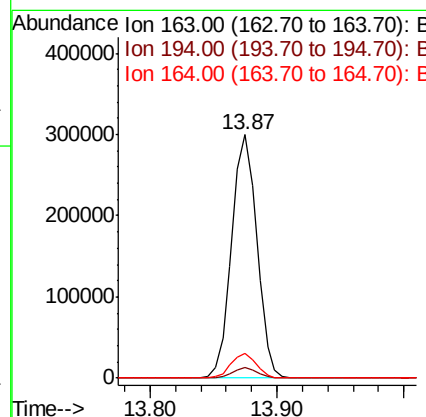
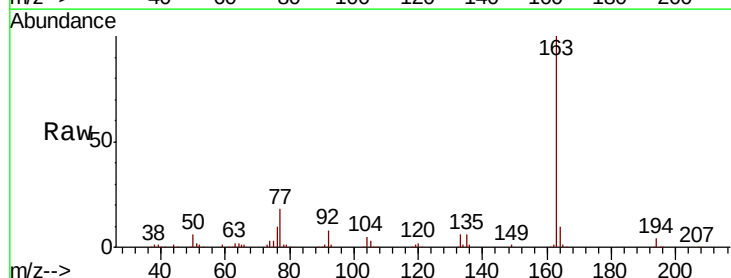
RT: 13.87 min Scan# 1851

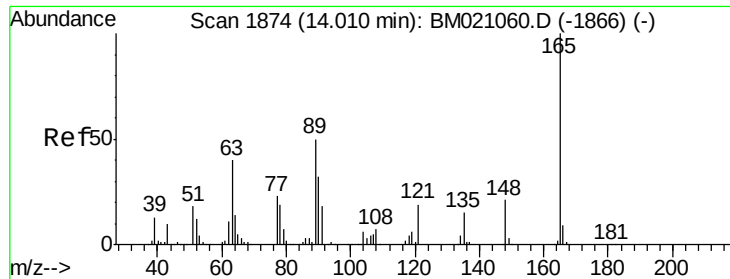
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	163	Resp:	413097
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 4.507 ng

RT: 14.00 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

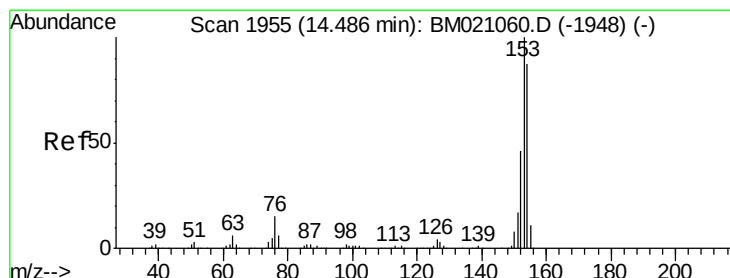
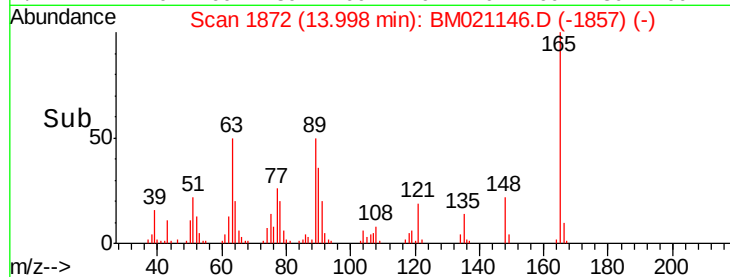
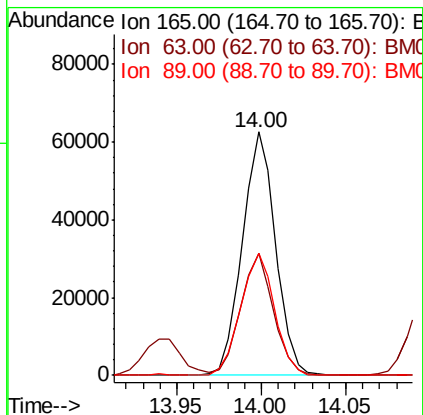
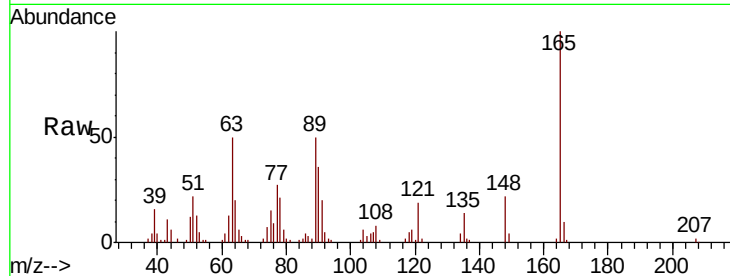
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	165	Resp:	85791
Ion Ratio	Lower	Upper	
165	100		
63	50.2	37.8	56.6
89	50.2	39.7	59.5

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#52

Acenaphthene

Concen: 4.767 ng

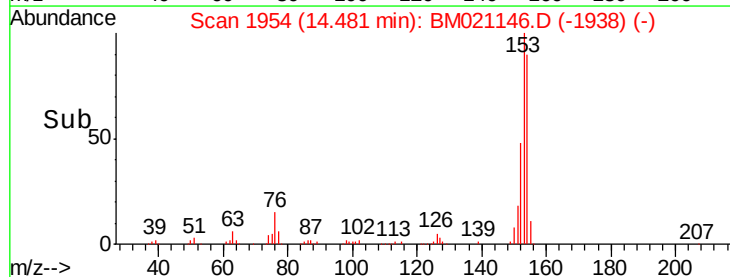
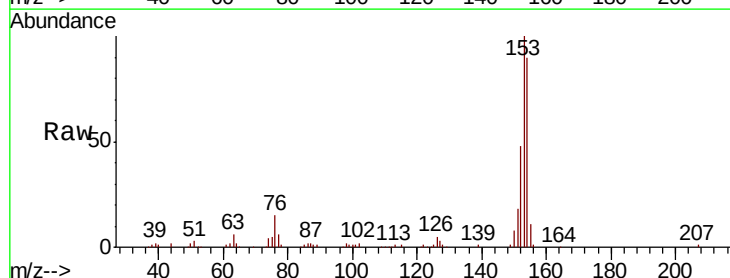
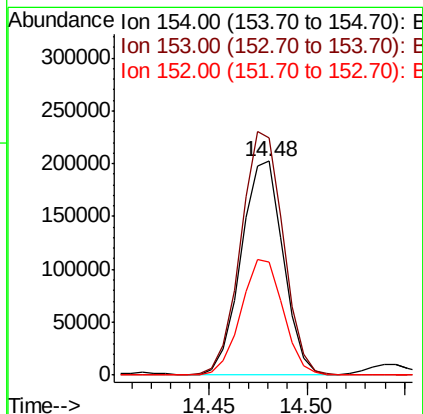
RT: 14.48 min Scan# 1954

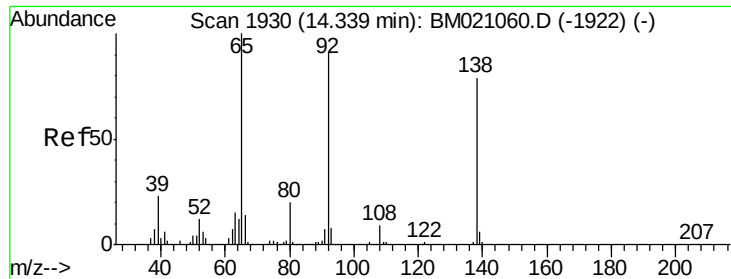
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	154	Resp:	302775
Ion Ratio	Lower	Upper	
154	100		
153	110.8	91.5	137.3
152	53.1	42.3	63.5





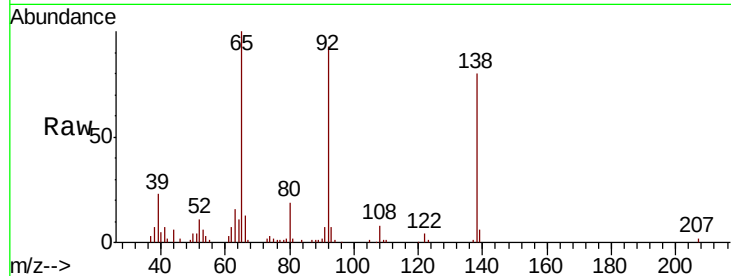
#53
3-Nitroaniline
Concen: 3.994 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

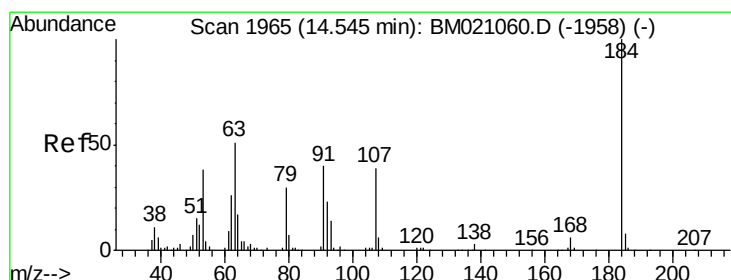
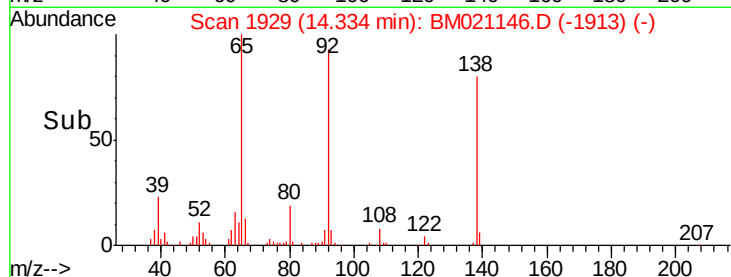
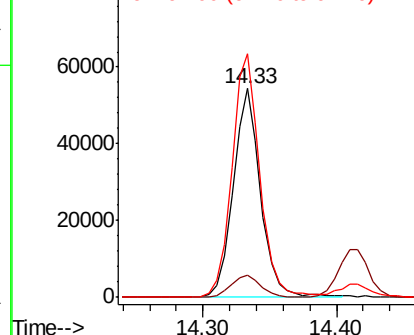
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.0	13.4
92	116.5	92.2	138.2

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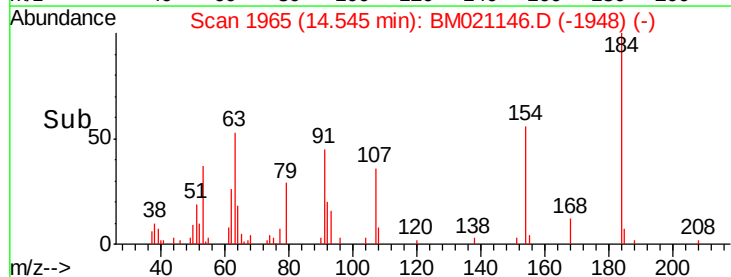
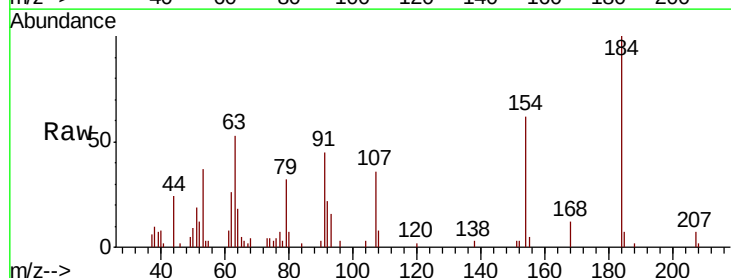
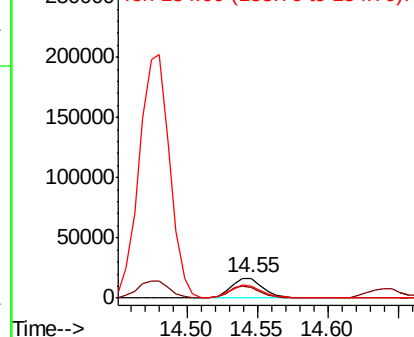
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

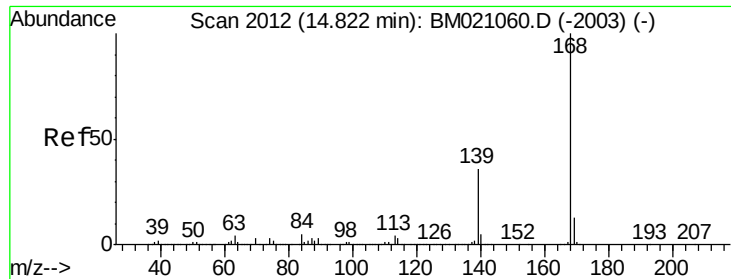


#54
2,4-Dinitrophenol
Concen: 2.609 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.3	45.5	68.3
154	62.1	50.6	76.0

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





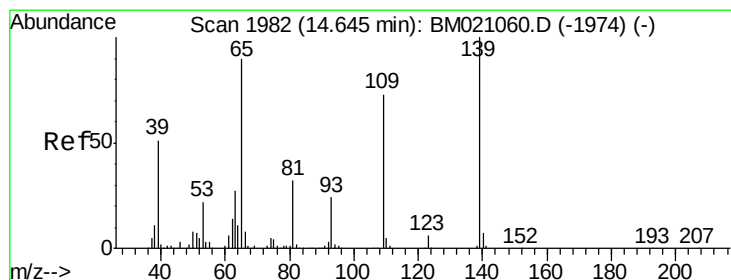
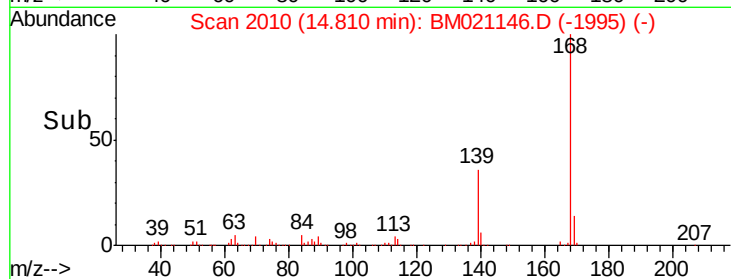
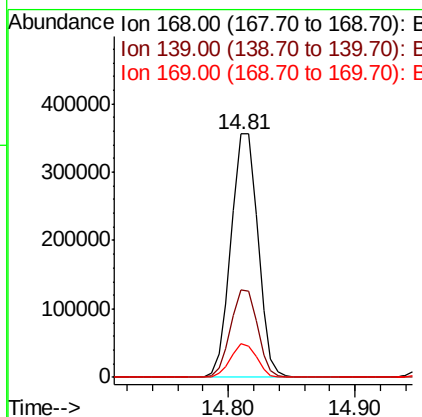
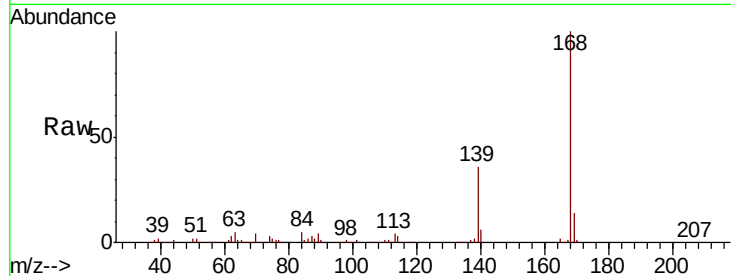
#55
Dibenzenofuran
Concen: 5.041 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.4	42.6
169	13.6	10.6	16.0

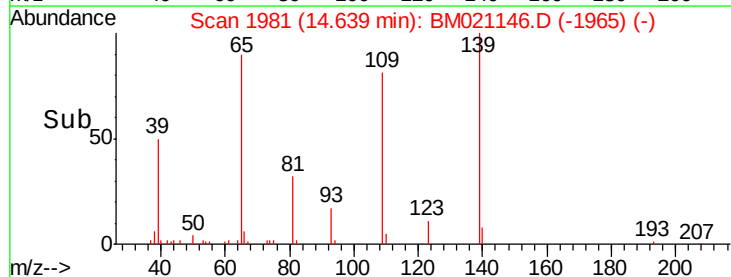
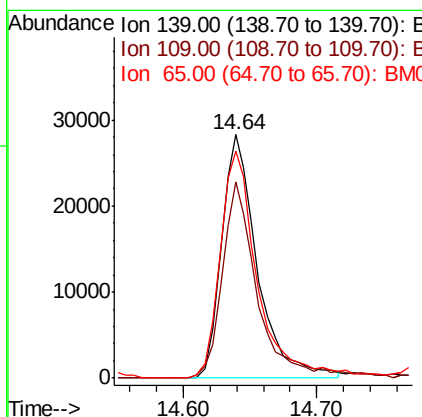
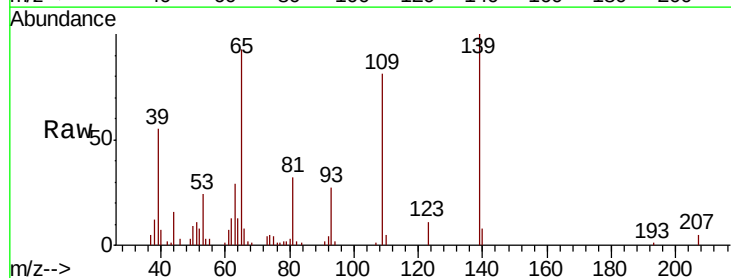
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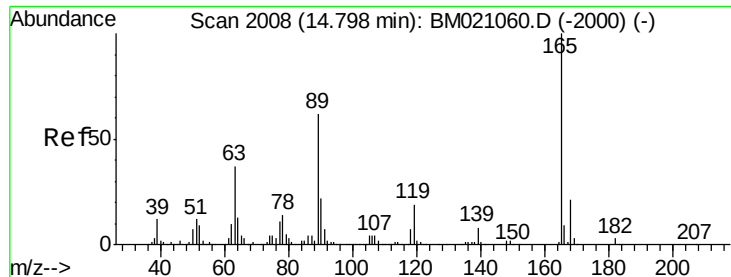
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#56
4-Nitrophenol
Concen: 3.563 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.7	53.3	93.3
65	93.2	70.3	110.3





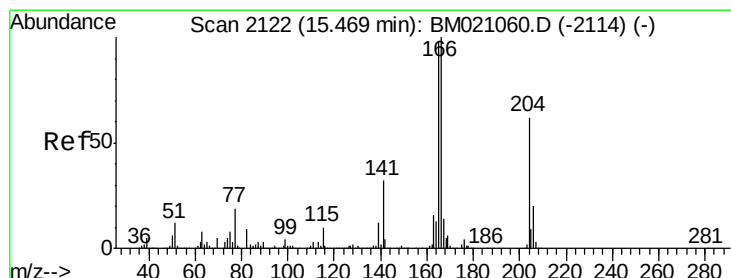
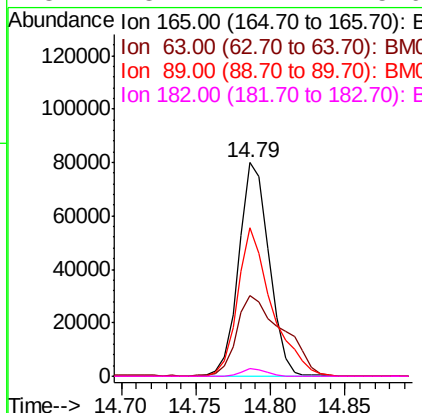
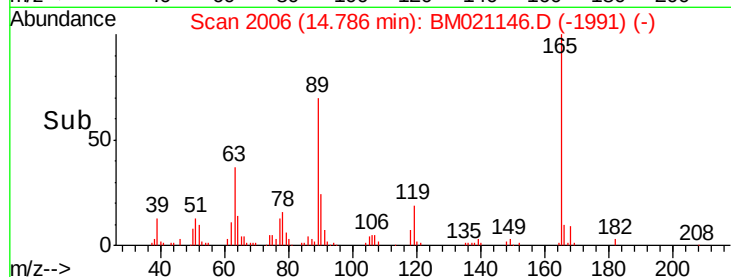
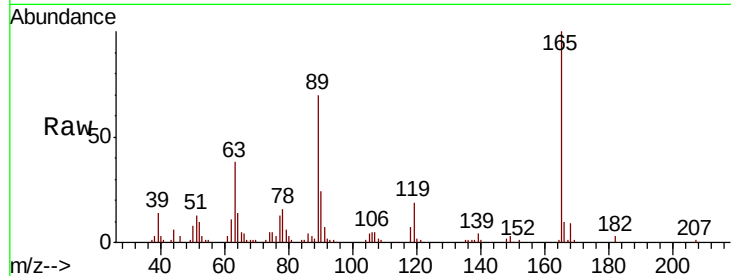
#57
 2,4-Dinitrotoluene
 Concen: 4.284 ng
 RT: 14.79 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		112591		
63	37.7	29.6	44.4		
89	69.7	49.5	74.3		
182	3.4	2.4	3.6		

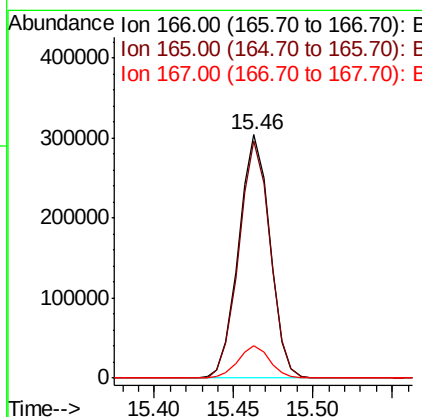
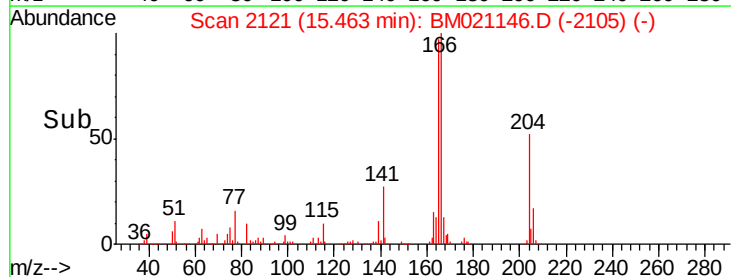
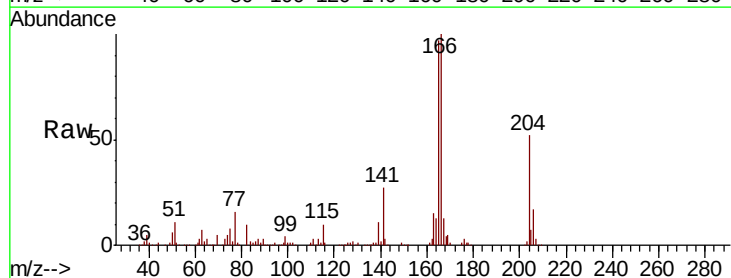
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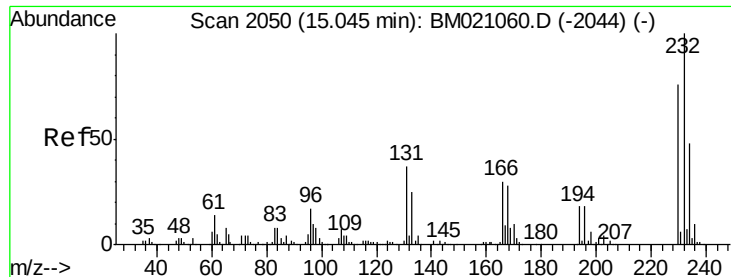
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#58
 Fluorene
 Concen: 4.918 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		416303		
165	97.2	78.6	117.8		
167	13.4	10.9	16.3		





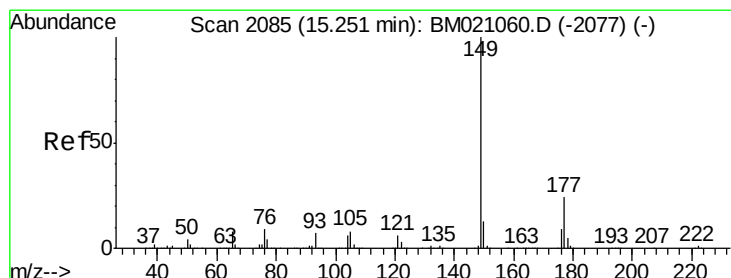
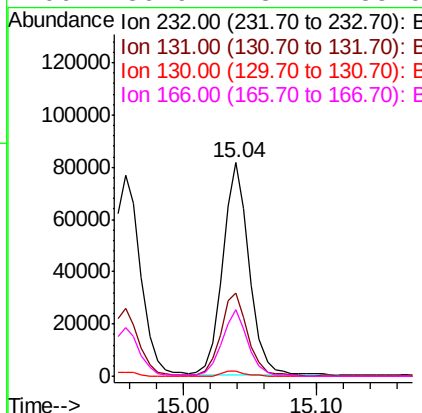
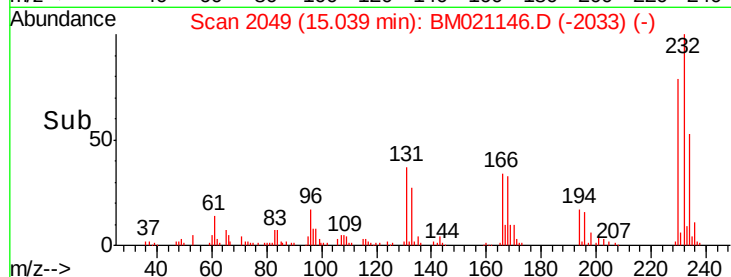
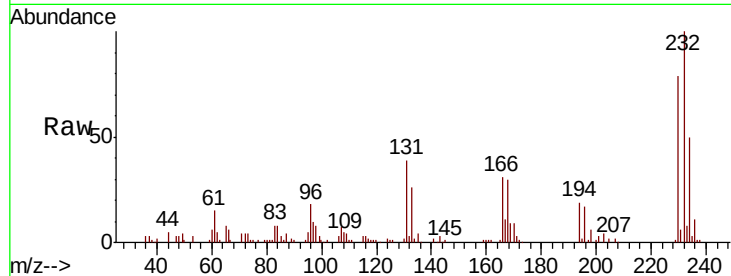
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.584 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
232	100	113041		
131	40.2	30.6	46.0	
130	2.1	1.7	2.5	
166	30.9	23.4	35.0	

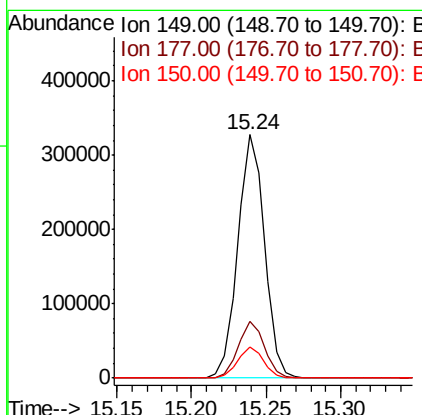
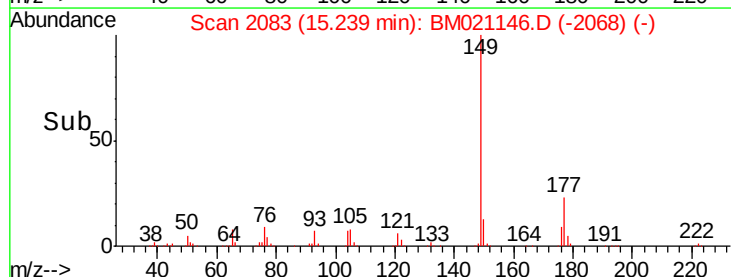
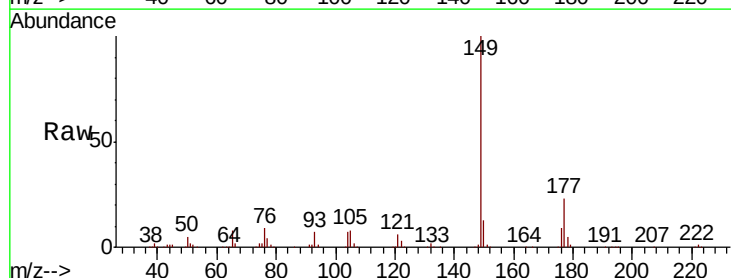
Manual Integrations
 APPROVED

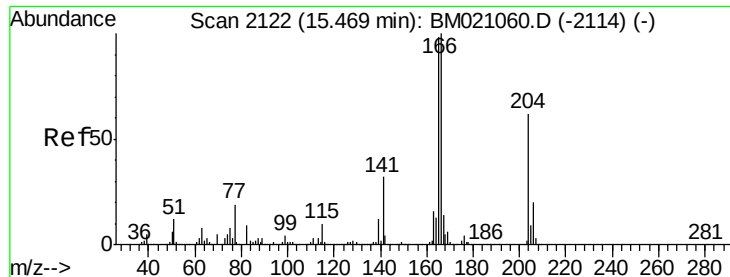
mohammad
 6/28/2019 8:26:01 AM



#60
 Diethylphthalate
 Concen: 4.680 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	407800		
177	23.4	19.1	28.7	
150	12.5	10.1	15.1	





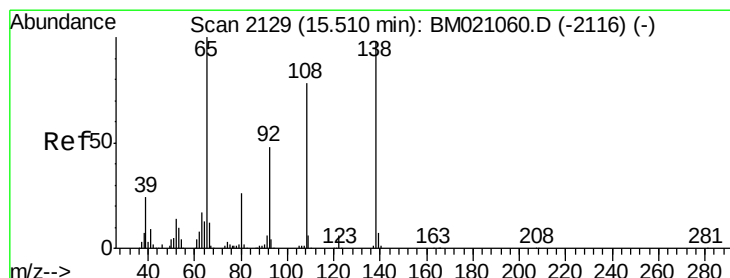
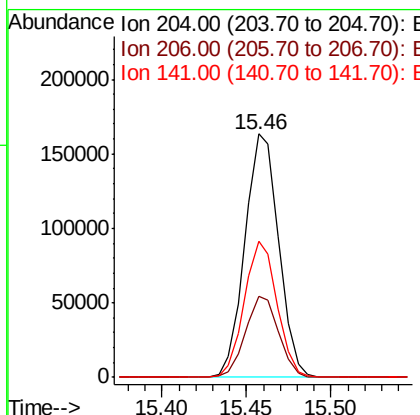
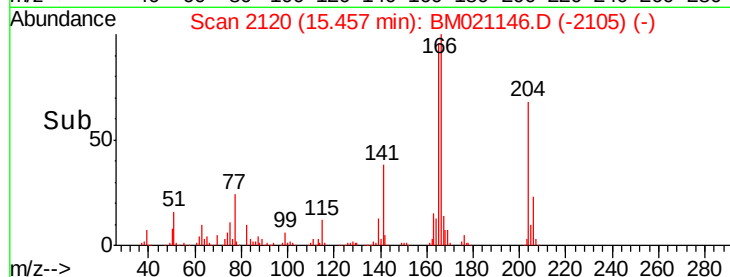
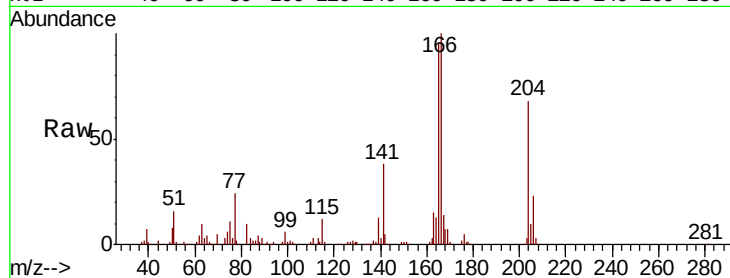
#61
4-Chlorophenyl-phenylether
Concen: 4.760 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	227658		
206	33.4	26.1	39.1	
141	55.8	40.7	61.1	

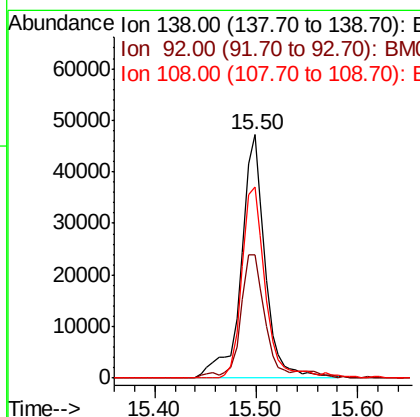
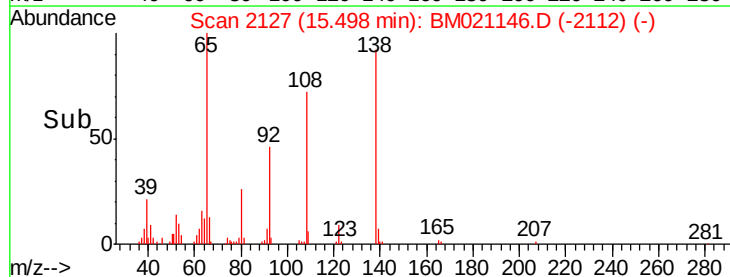
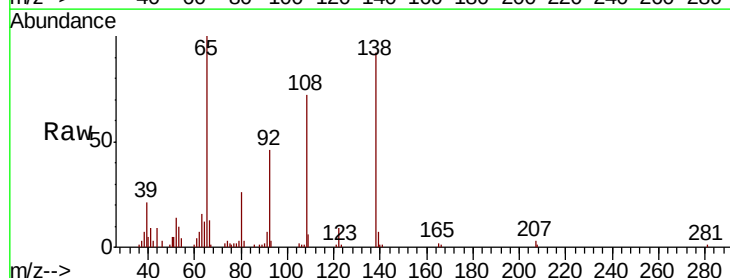
Manual Integrations
APPROVED

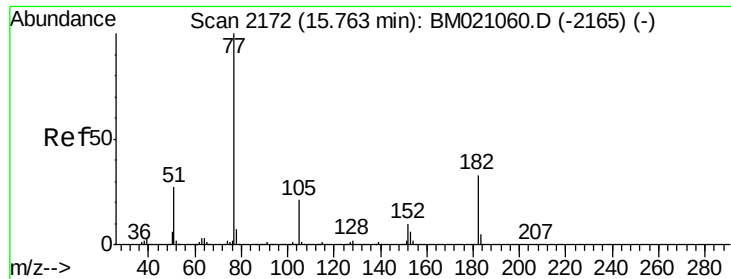
mohammad
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#62
4-Nitroaniline
Concen: 3.803 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	77464		
92	50.5	29.1	69.1	
108	78.3	59.2	99.2	





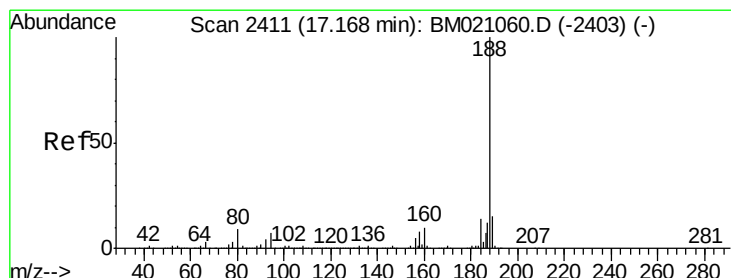
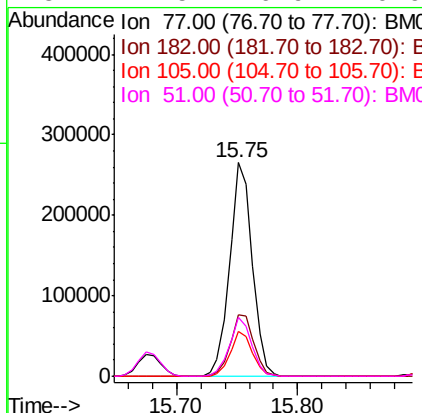
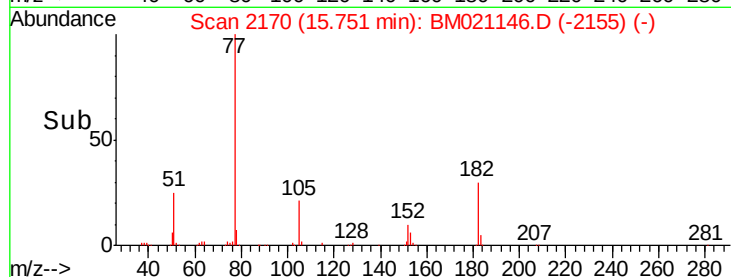
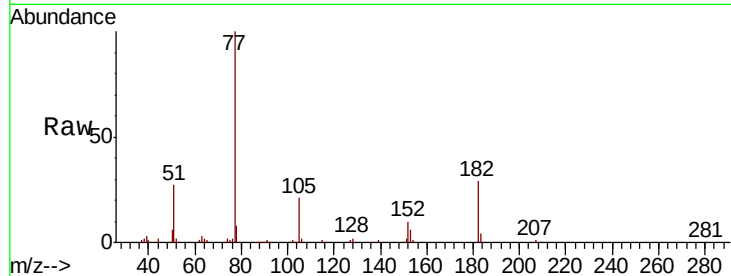
#63
Azobenzene
Concen: 4.853 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion:	77	Resp:	346882
Ion Ratio	Lower	Upper	
77	100		
182	29.0	12.6	52.6
105	20.7	1.1	41.1
51	27.5	6.9	46.9

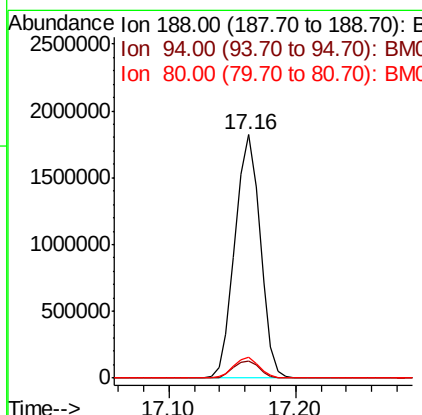
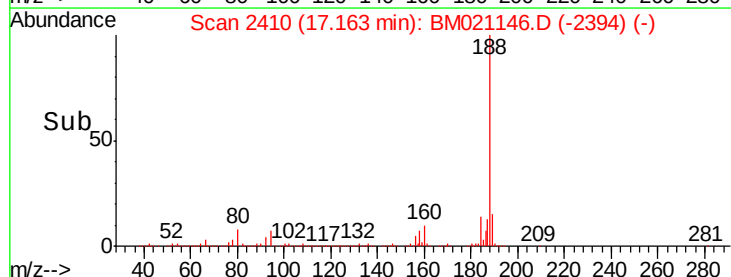
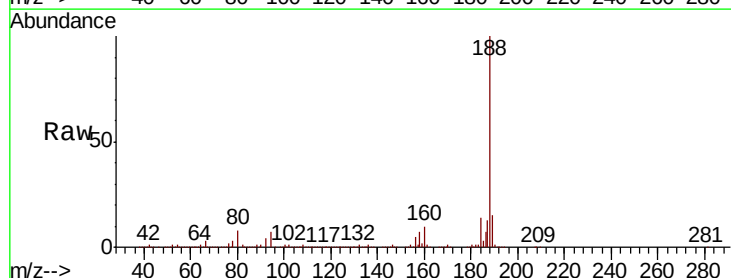
Manual Integrations
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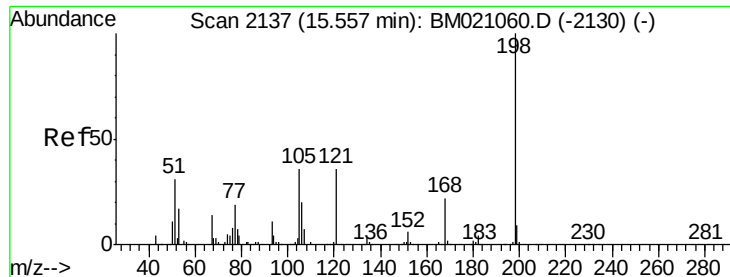
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion:	188	Resp:	2520191
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.8	8.8
80	8.4	6.9	10.3





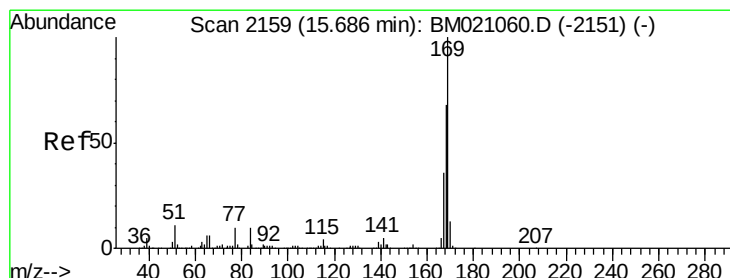
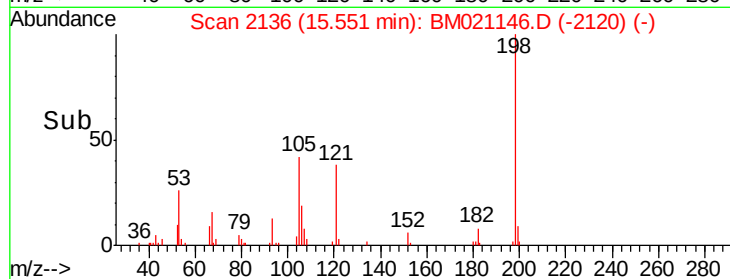
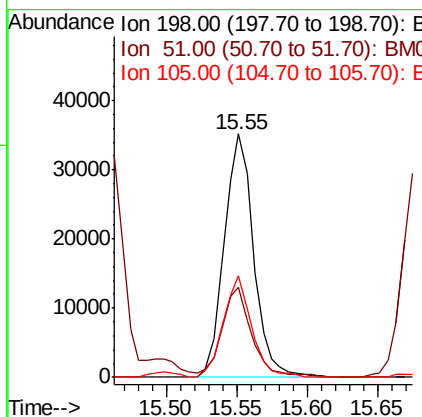
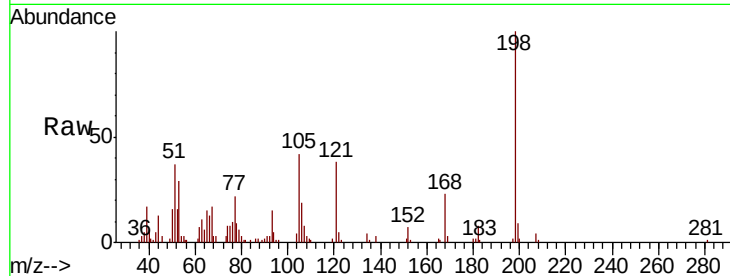
#65
4,6-Dinitro-2-methylphenol
Concen: 3.275 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	50886		
51	36.8		15.3	55.3
105	41.5		16.8	56.8

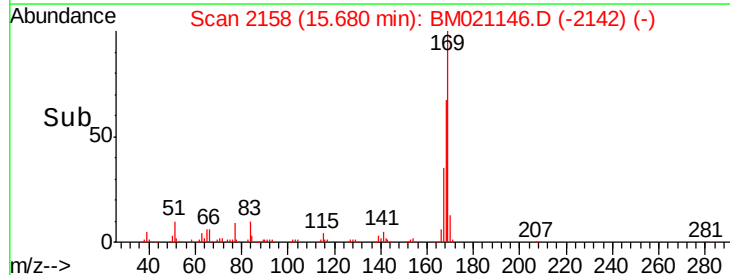
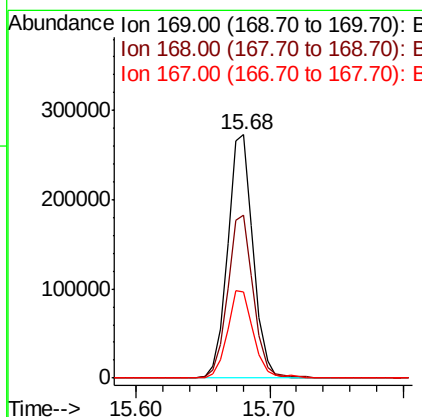
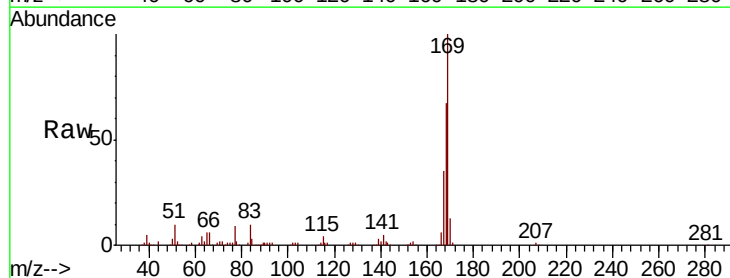
Manual Integrations
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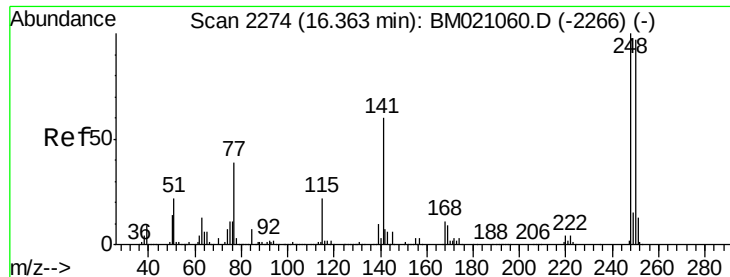
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#66
n-Nitrosodiphenylamine
Concen: 4.563 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	362433		
168	67.1		54.5	81.7
167	35.5		29.0	43.6





#67

4-Bromophenyl-phenylether

Concen: 4.332 ng

RT: 16.36 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

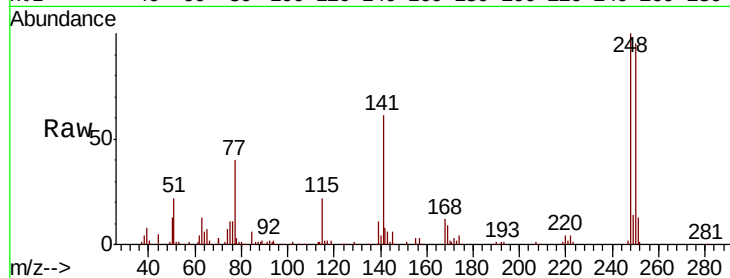
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	248	Resp:	145325
Ion Ratio	Lower	Upper	
248	100		
250	95.3	77.5	116.3
141	60.5	47.8	71.6

Manual Integrations
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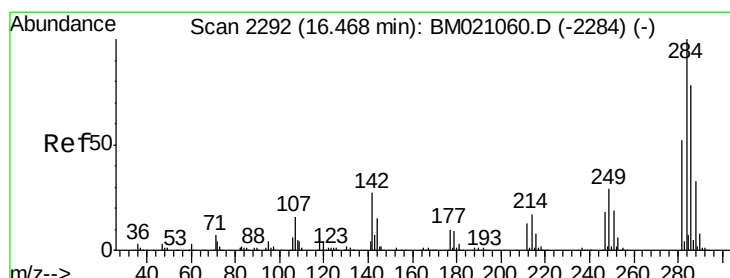
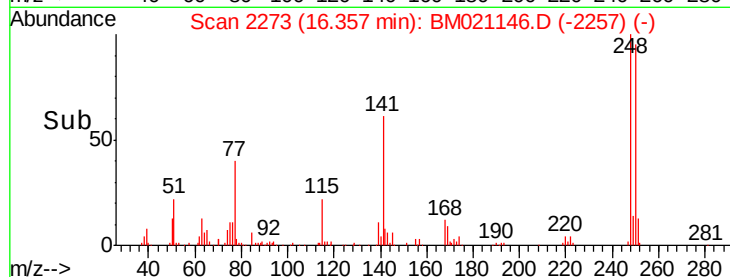
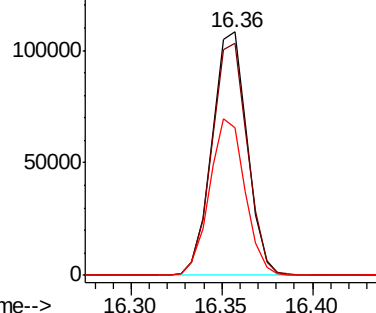


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 4.415 ng

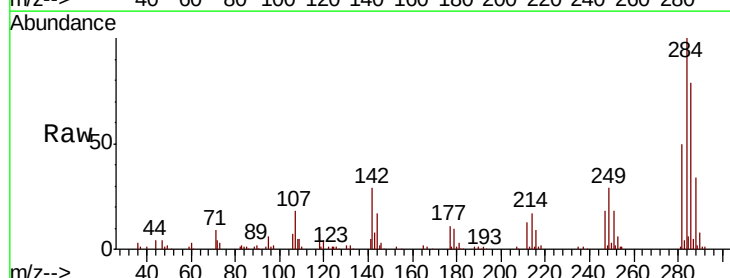
RT: 16.46 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	284	Resp:	176959
Ion Ratio	Lower	Upper	
284	100		
142	28.9	21.2	31.8
249	28.8	23.4	35.0

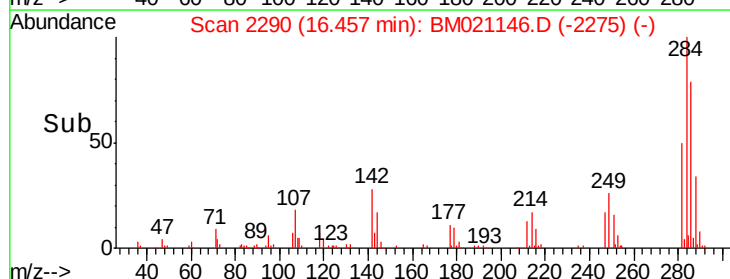
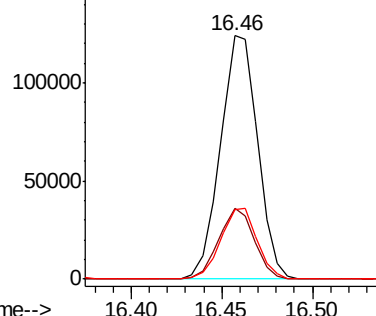


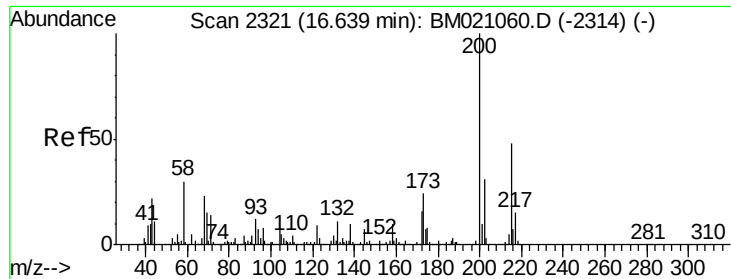
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





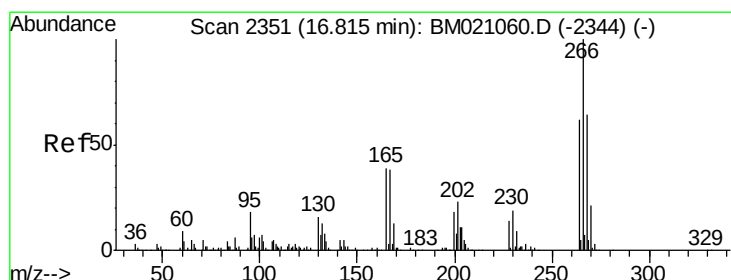
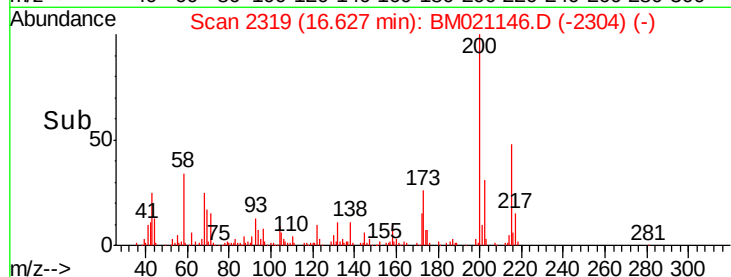
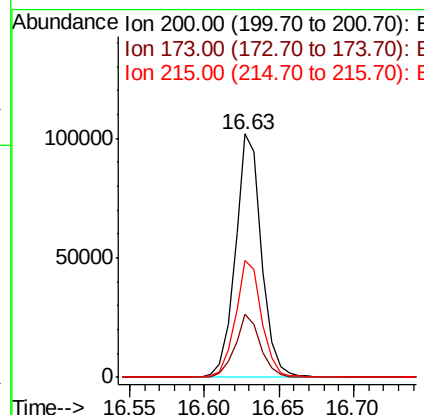
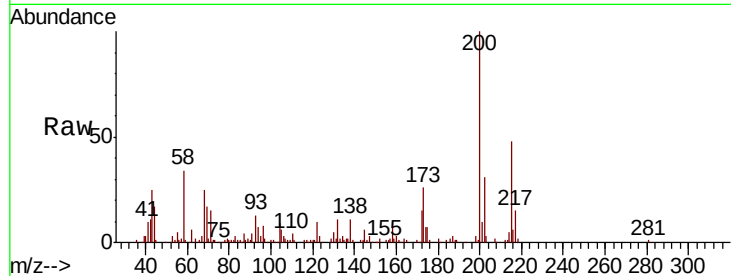
#69
Atrazine
Concen: 4.834 ng
RT: 16.63 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
200	100	124877		
173	25.8	4.3	44.3	
215	48.1	28.2	68.2	

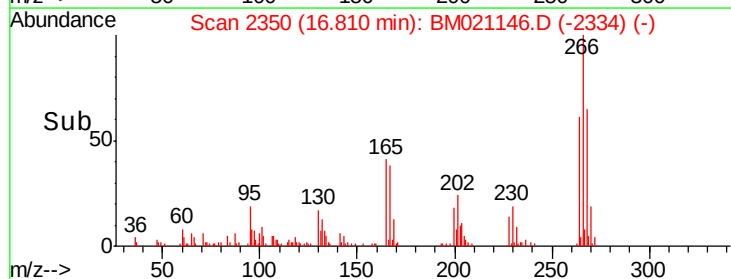
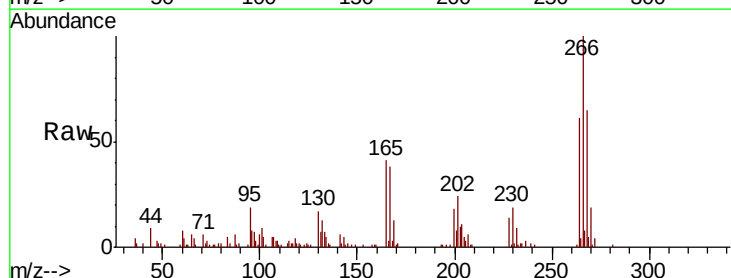
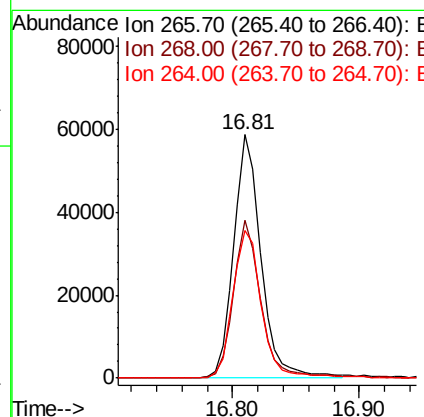
Manual Integrations
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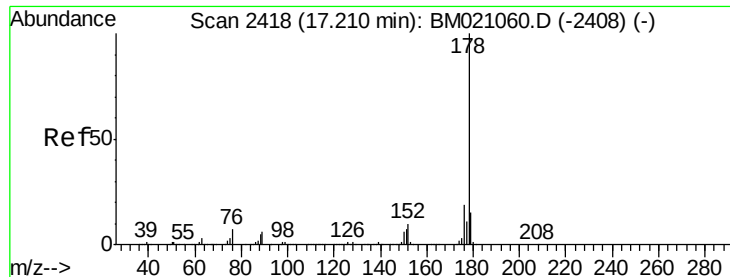
mohammad
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#70
Pentachlorophenol
Concen: 4.051 ng
RT: 16.81 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	87470		
268	64.8	51.0	76.4	
264	60.5	49.9	74.9	





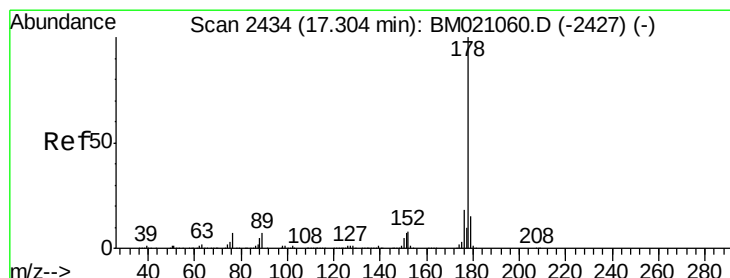
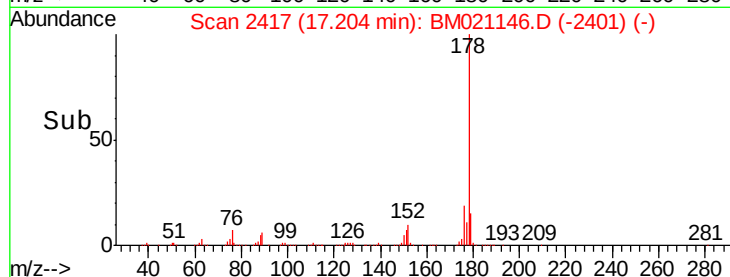
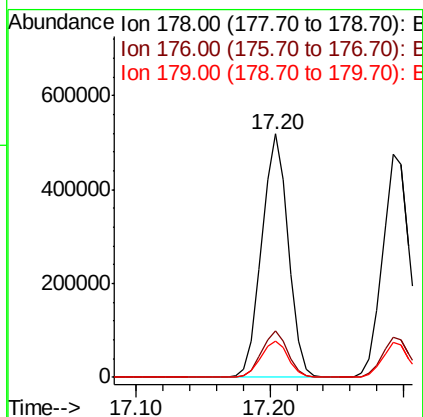
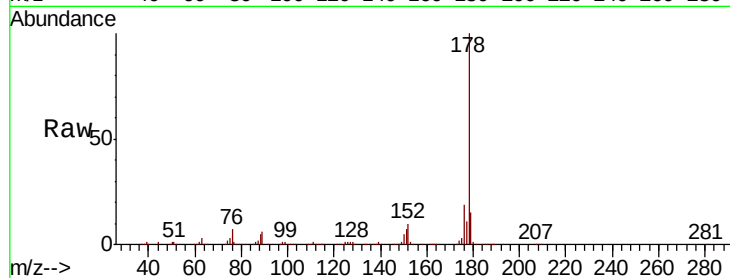
#71
Phenanthrene
Concen: 4.897 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	14.7	12.2	18.4

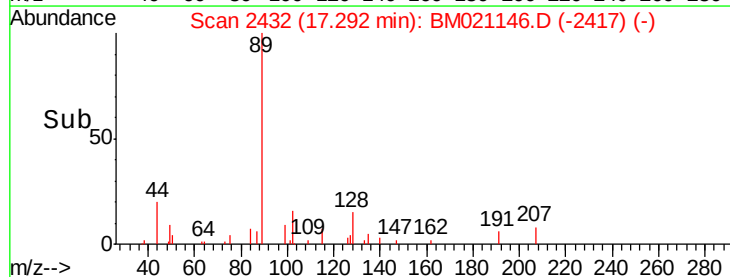
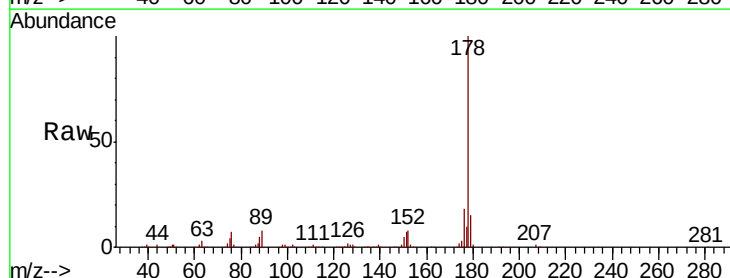
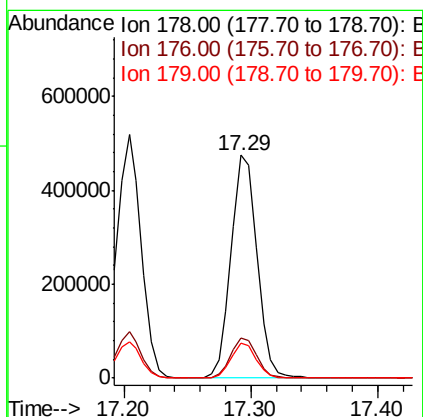
Manual Integrations
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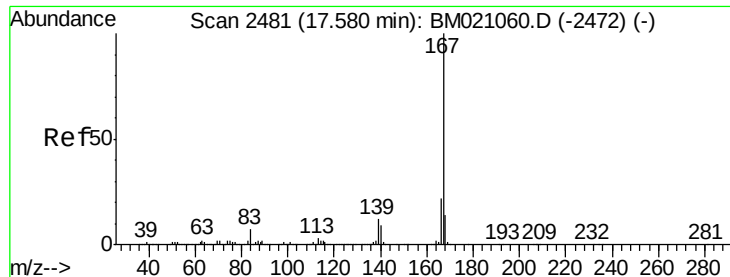
mohammad
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#72
Anthracene
Concen: 4.653 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.4	12.2	18.2





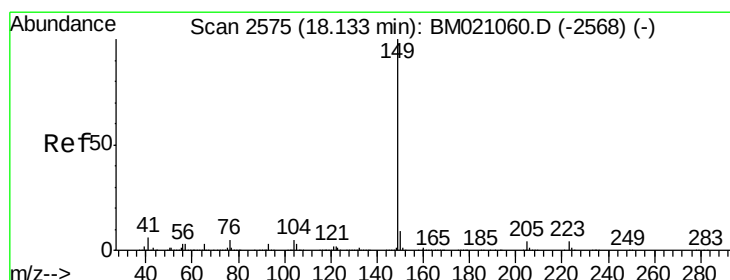
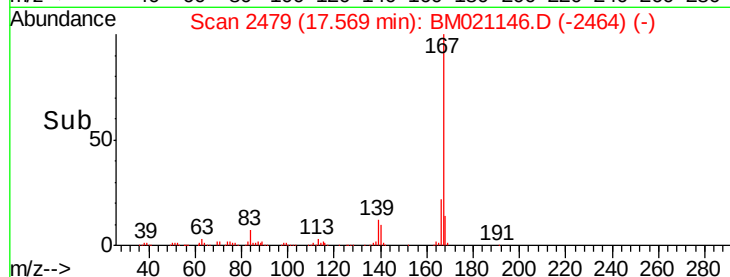
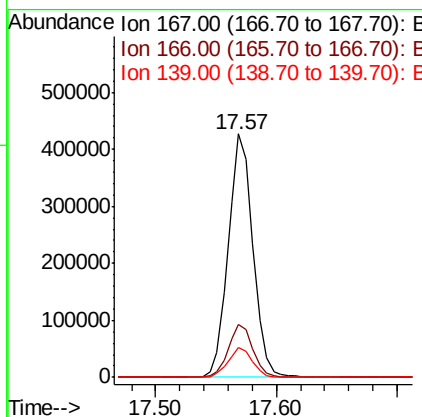
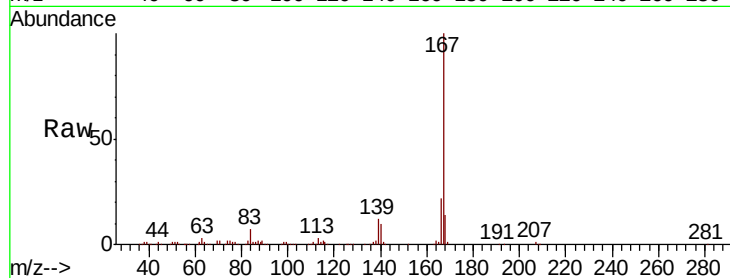
#73
 Carbazole
 Concen: 4.766 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	12.4	9.7	14.5

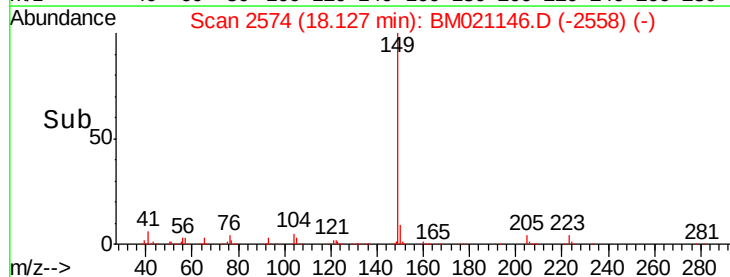
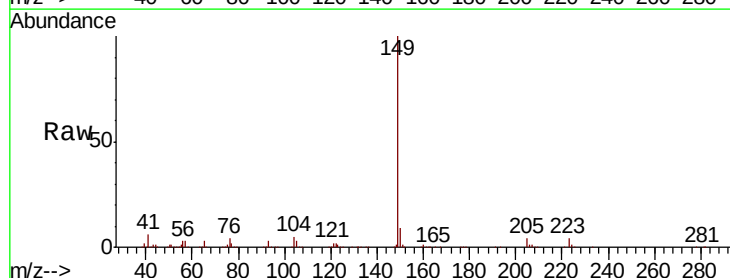
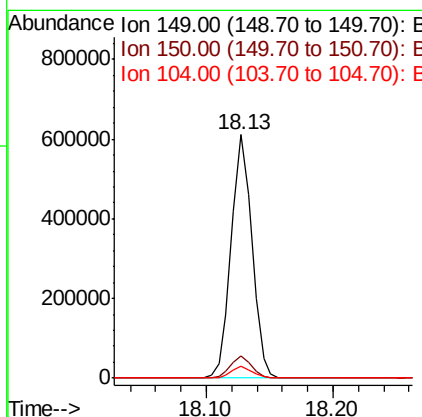
Manual Integrations
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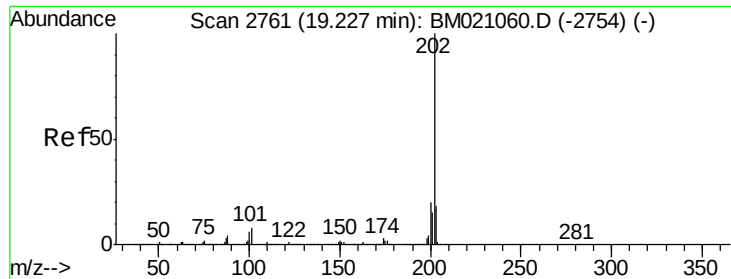
mohammad
 6/28/2019 8:26:01 AM



#74
 Di-n-butylphthalate
 Concen: 4.437 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BM021146.D
 Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 5.049 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

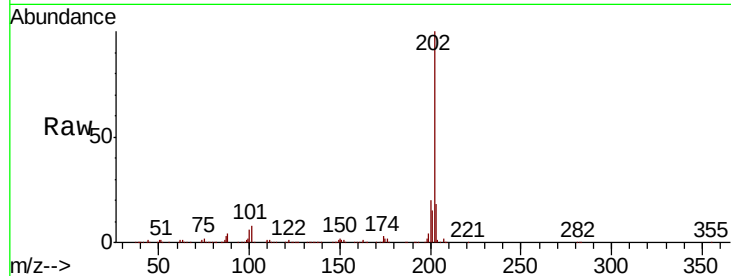
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		846826		
101	8.2	0.0	28.2		
203	17.7	0.0	37.6		

Manual Integrations
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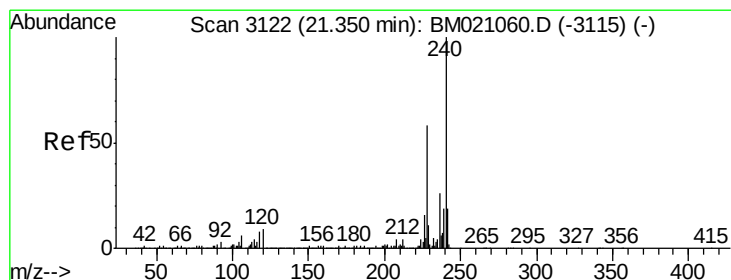
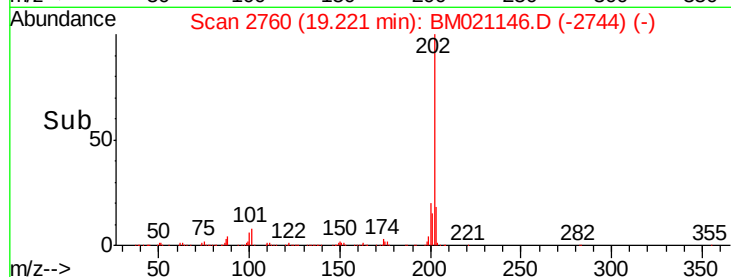
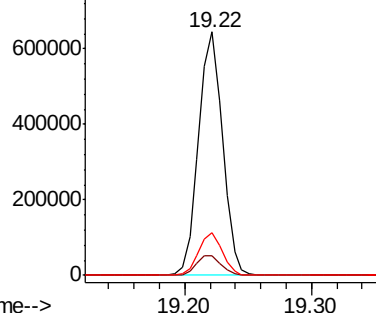


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

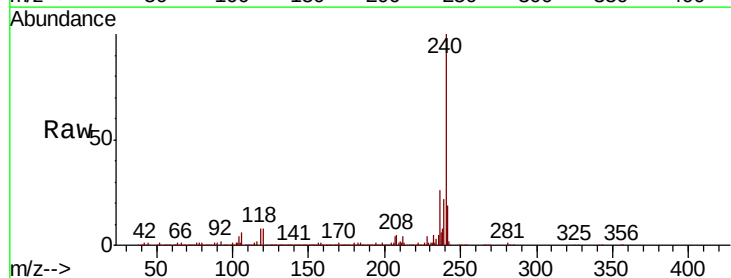
RT: 21.35 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		2561646		
120	8.0	6.9	10.3		
236	25.8	20.4	30.6		

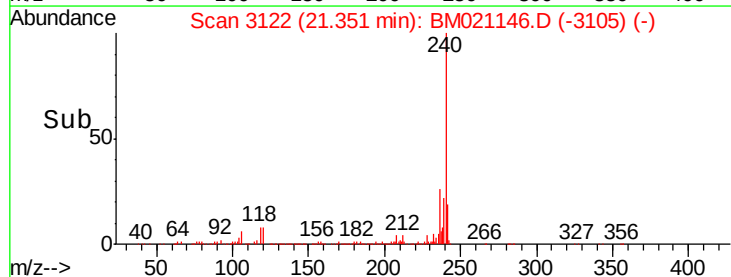
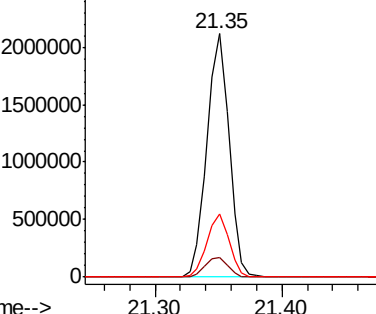


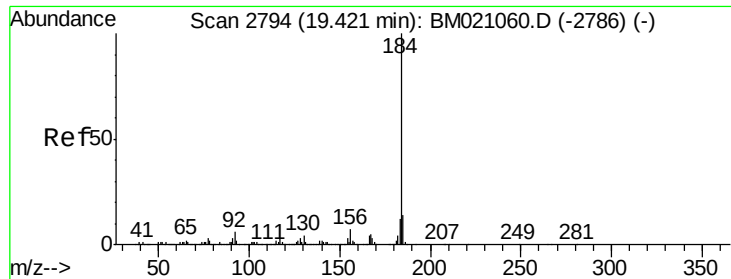
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.295 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

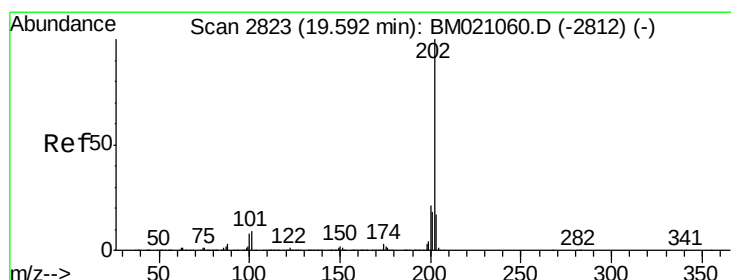
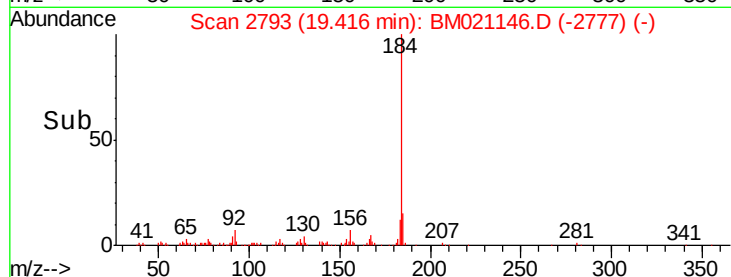
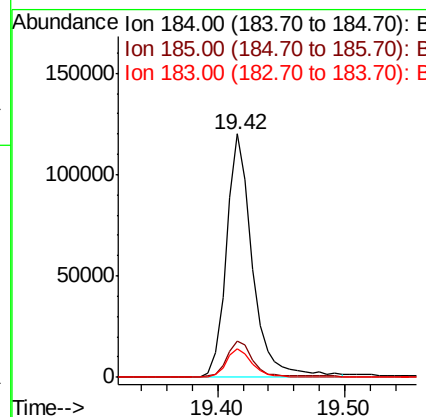
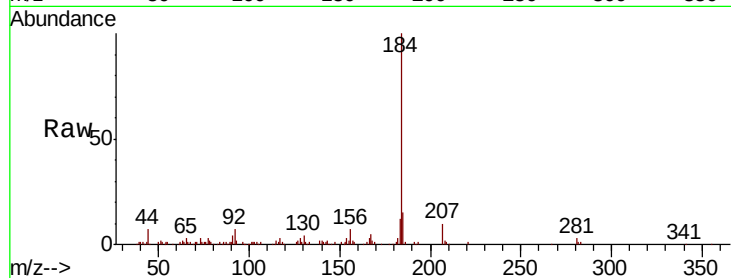
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	184	Resp:	170705
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.4	17.2
183	12.0	9.6	14.4

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#78

Pyrene

Concen: 4.733 ng

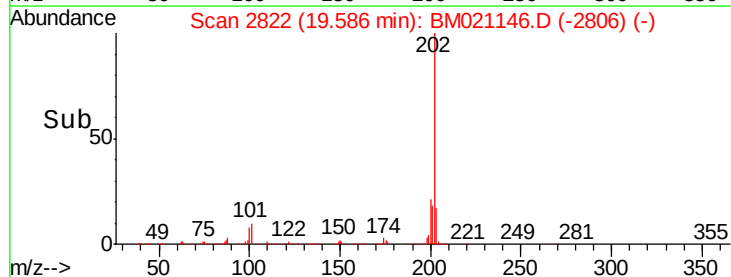
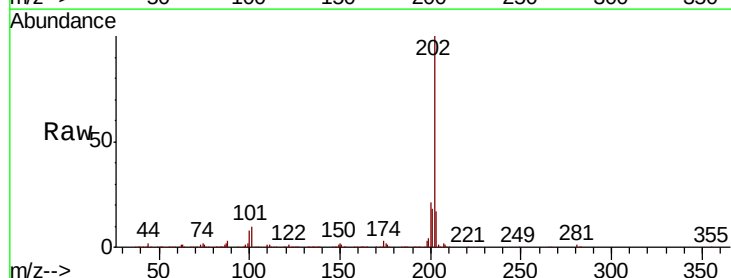
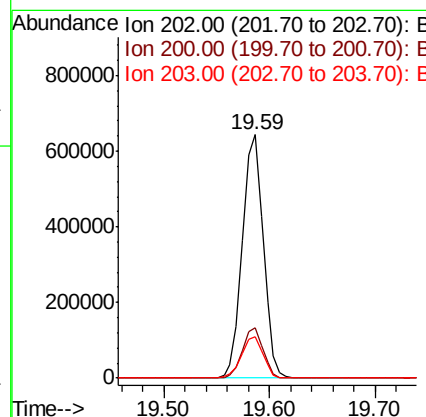
RT: 19.59 min Scan# 2822

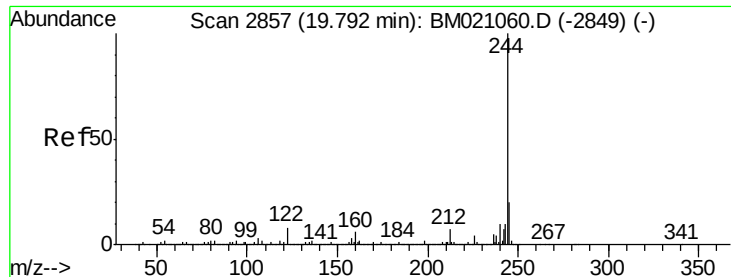
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	202	Resp:	879224
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.0	25.4
203	16.8	14.0	21.0





#79

Terphenyl-d14

Concen: 87.559 ng

RT: 19.79 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:244 Resp:12009027

Ion Ratio Lower Upper

244 100

212 8.6 5.3 7.9#

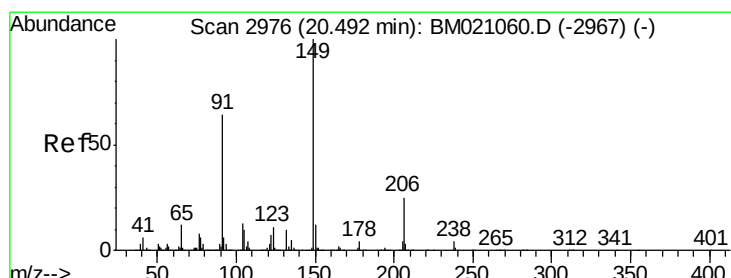
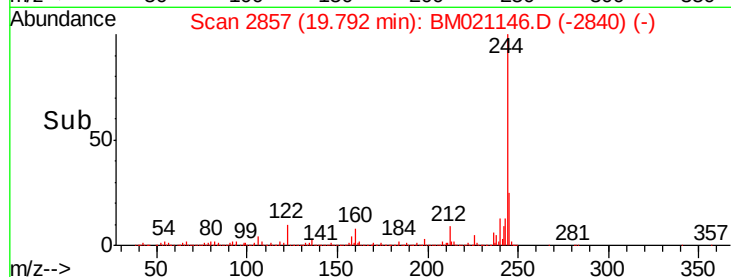
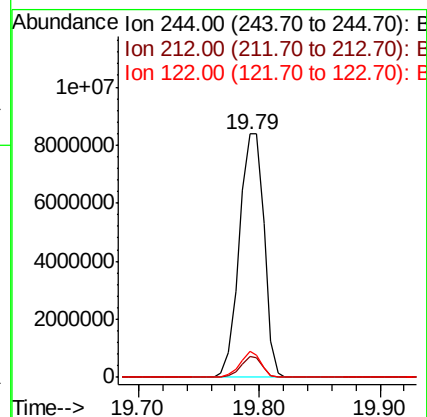
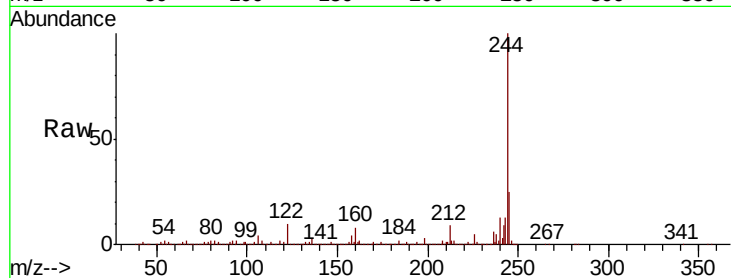
122 10.4 6.6 9.8#

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#80

Butylbenzylphthalate

Concen: 4.441 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

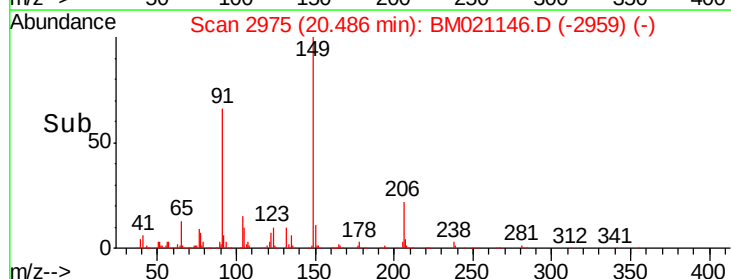
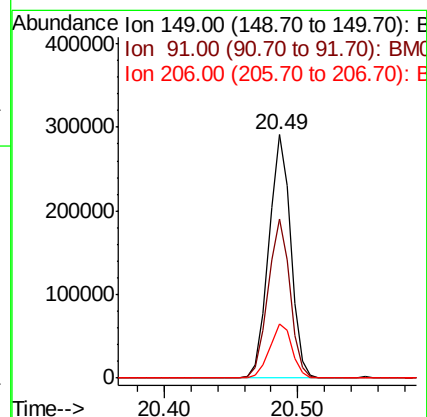
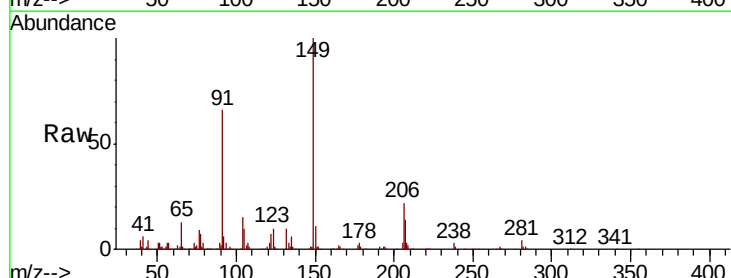
Tgt Ion:149 Resp: 328889

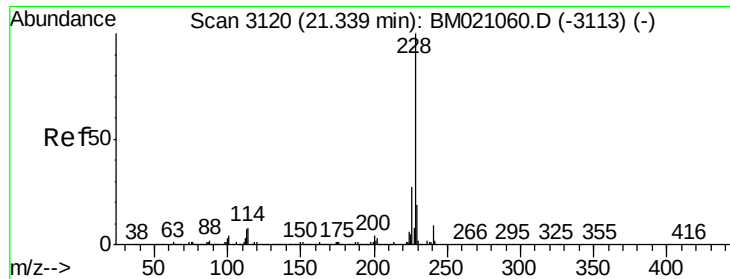
Ion Ratio Lower Upper

149 100

91 65.6 50.9 76.3

206 22.0 19.7 29.5





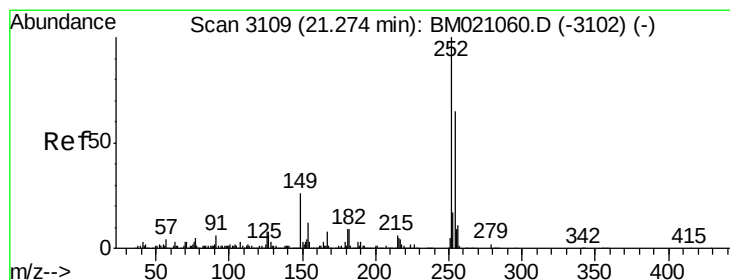
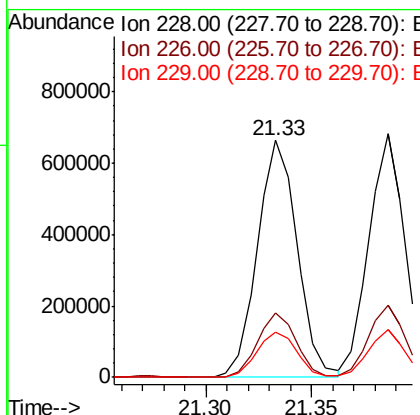
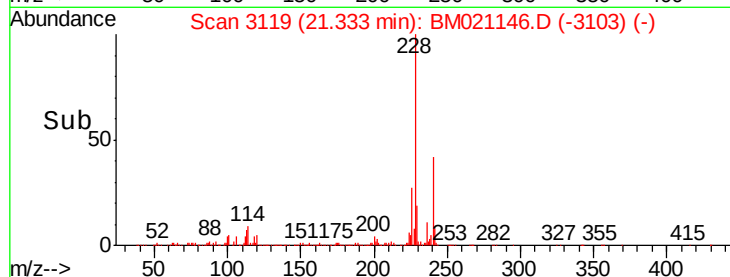
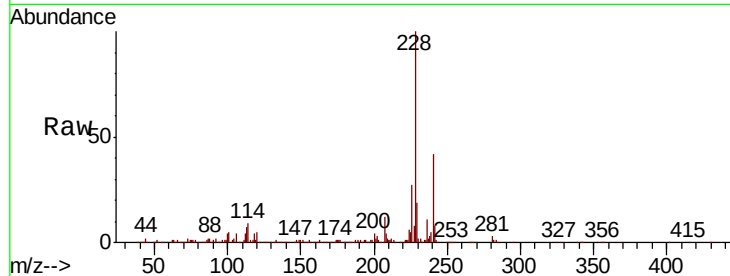
#81
Benzo(a)anthracene
Concen: 4.978 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	19.1	15.5	23.3

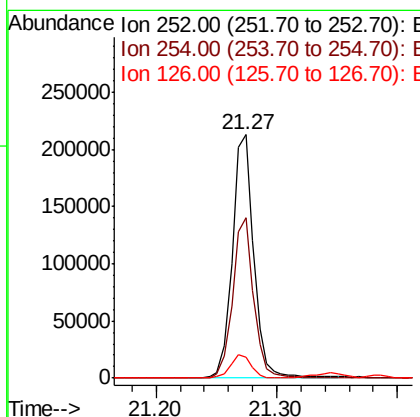
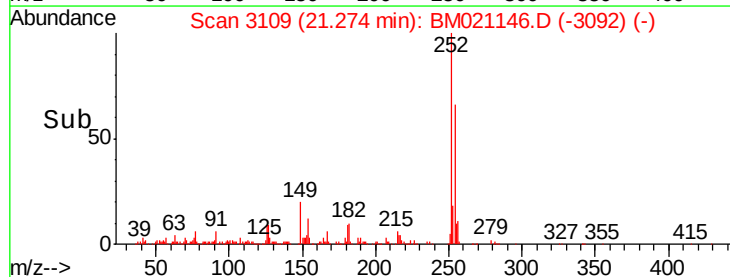
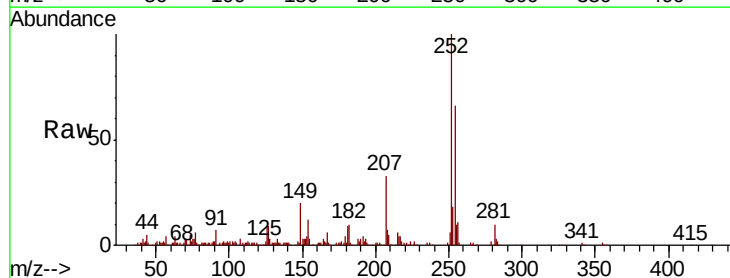
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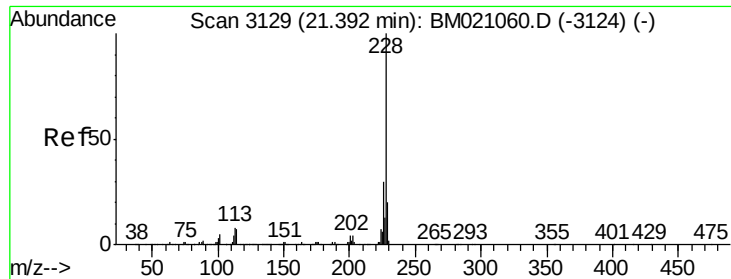
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 3.989 ng
RT: 21.27 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.7	77.5
126	8.6	6.6	9.8





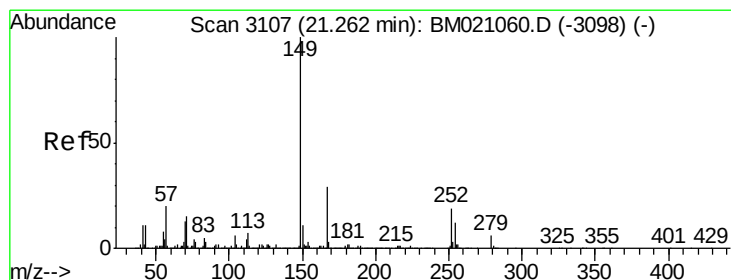
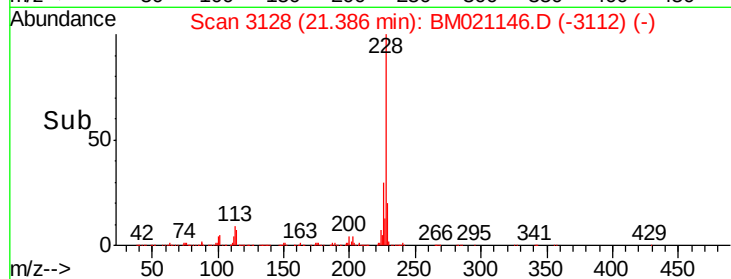
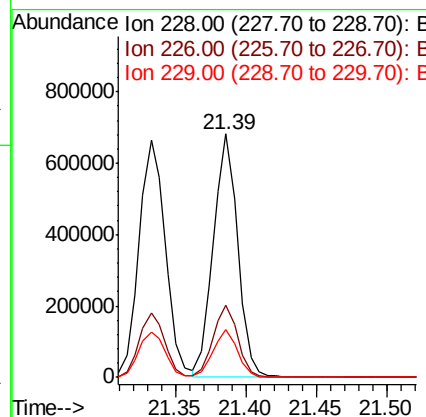
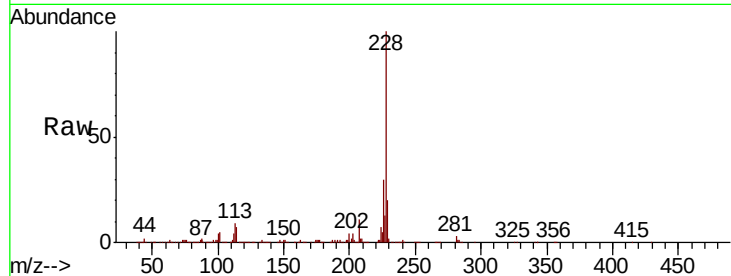
#83
Chrysene
Concen: 4.910 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.6	15.6	23.4

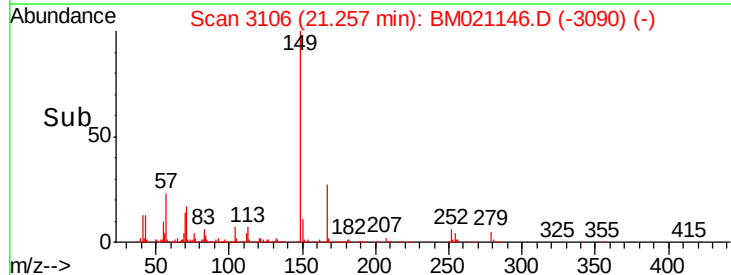
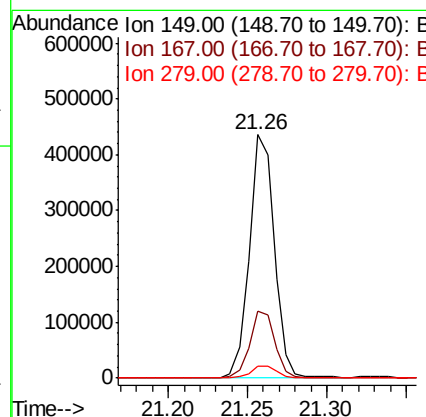
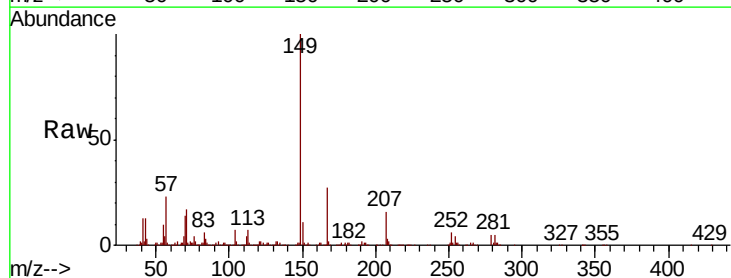
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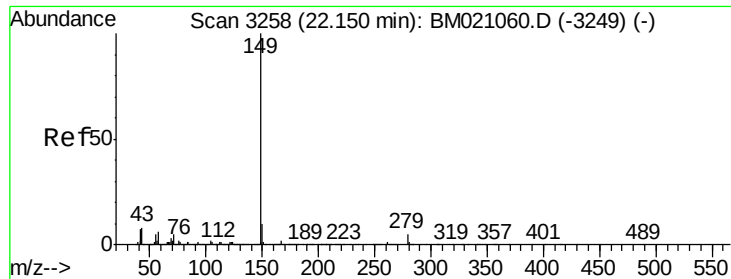
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.490 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM021146.D
Acq: 24 Jun 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.0	34.4
279	4.8	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 4.587 ng

RT: 22.15 min Scan# 3258

Delta R.T. 0.00 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

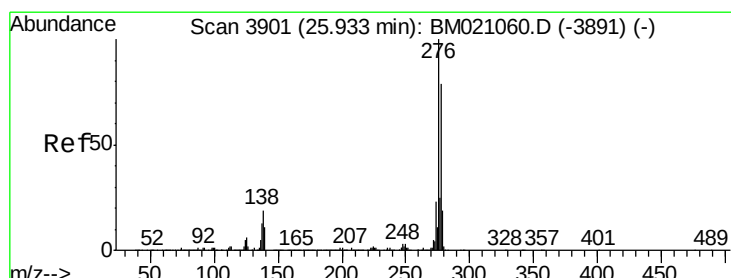
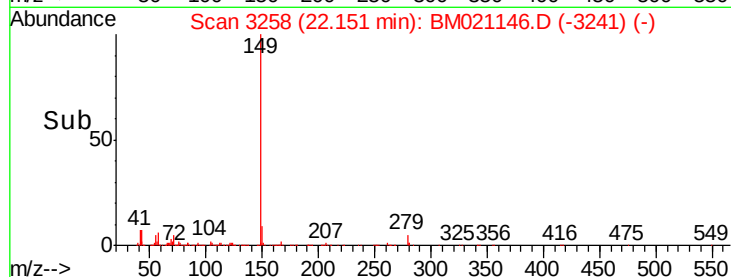
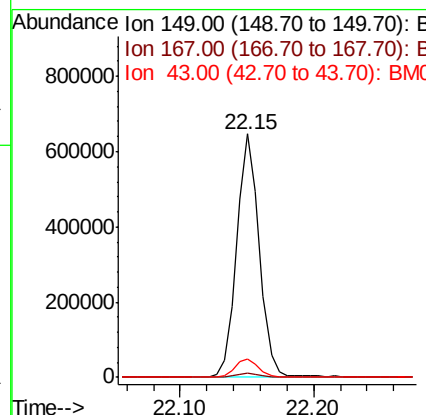
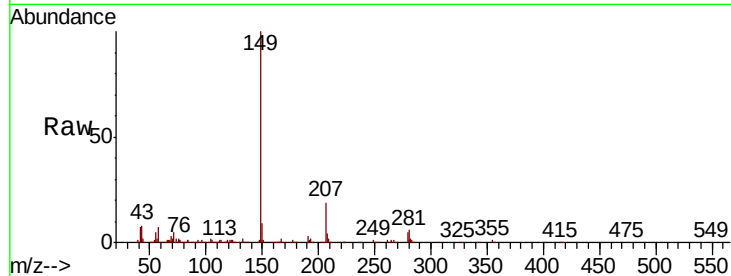
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	149	Resp:	760269
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	7.8	6.2	9.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.161 ng

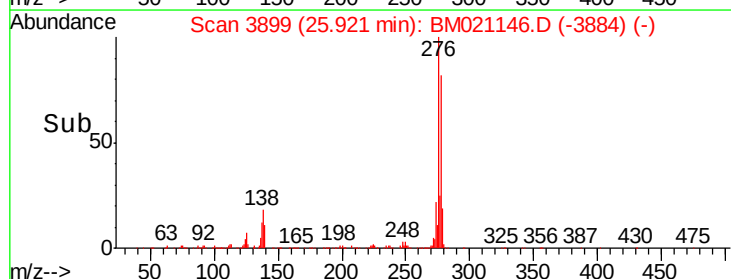
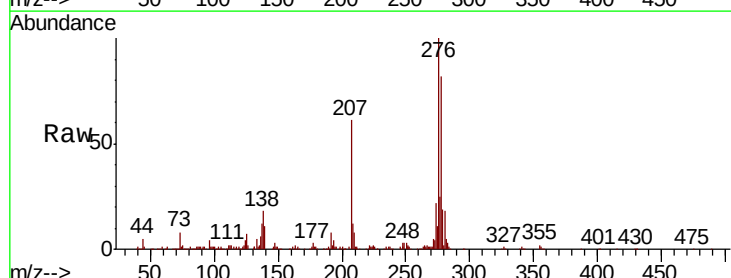
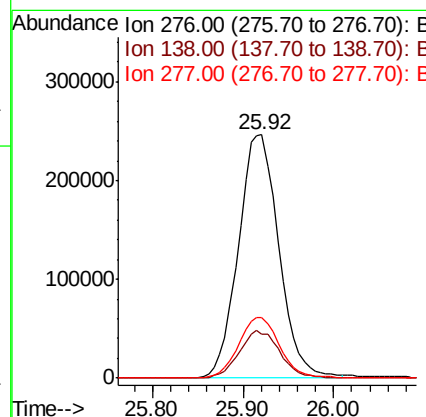
RT: 25.92 min Scan# 3899

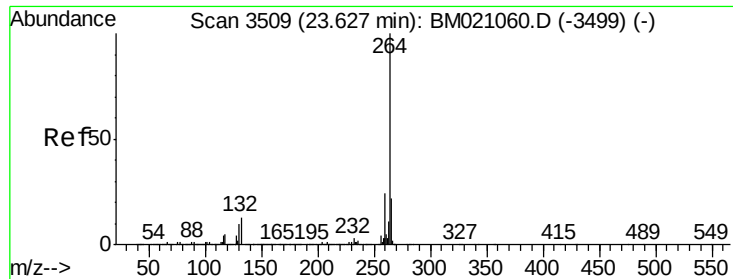
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	276	Resp:	765856
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.4	23.0
277	25.3	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:264 Resp: 2428703

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

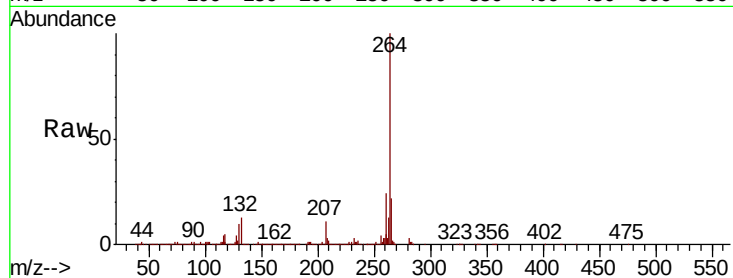
265 21.7 17.7 26.5

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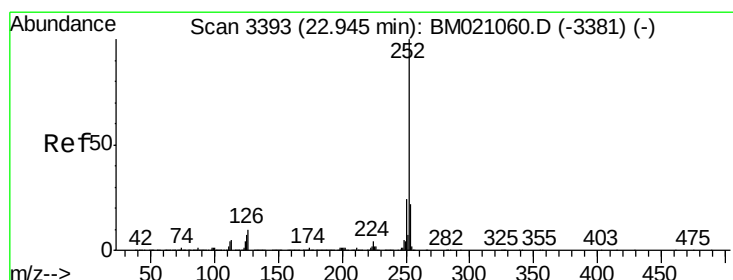
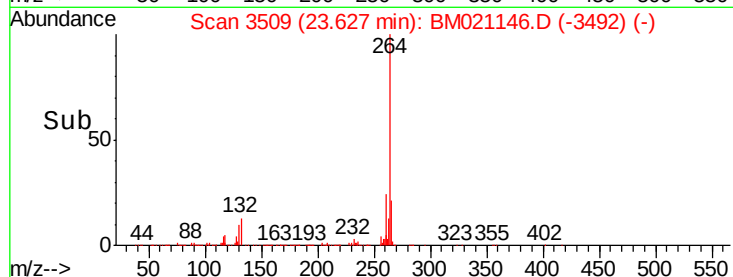
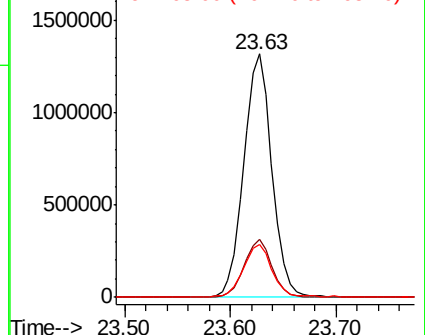
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 4.888 ng

RT: 22.94 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

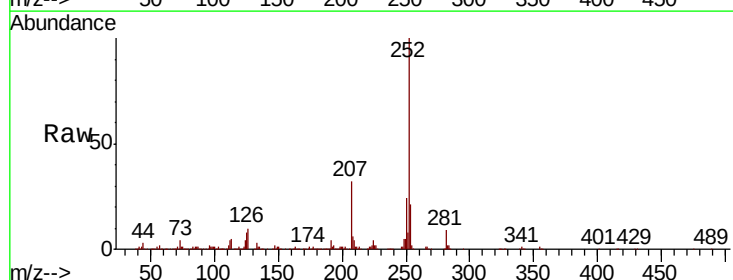
Tgt Ion:252 Resp: 800866

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

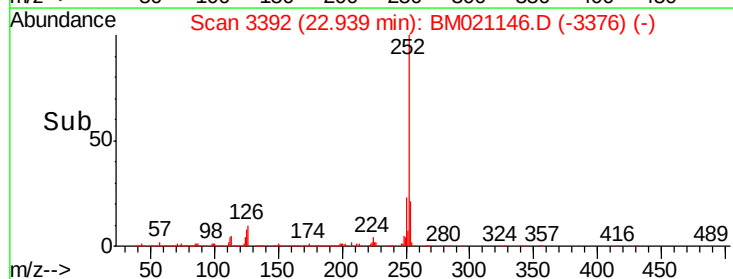
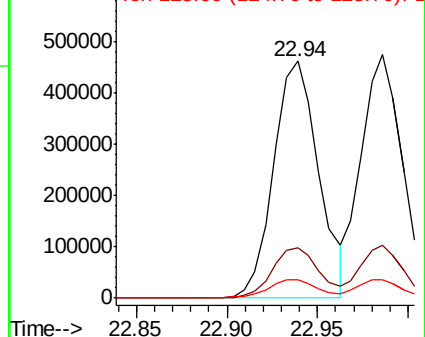
125 7.7 5.9 8.9

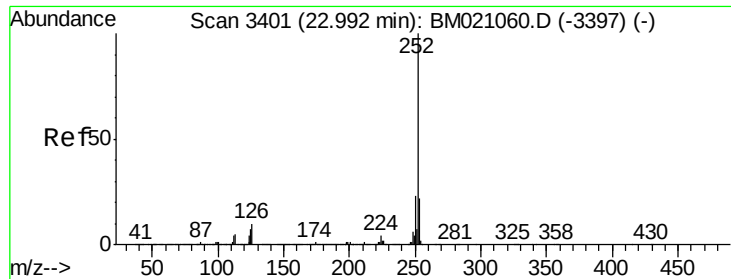


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.746 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

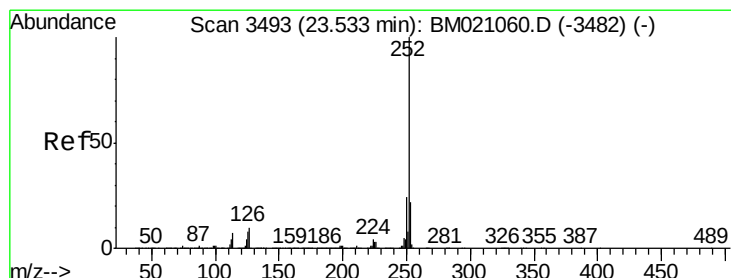
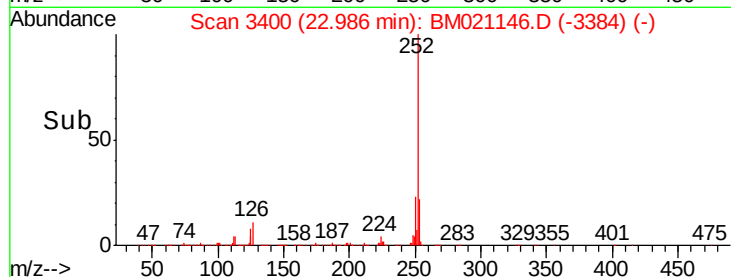
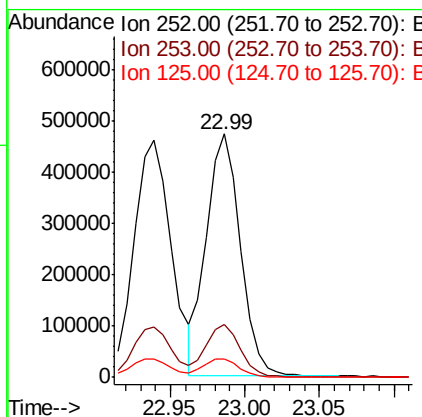
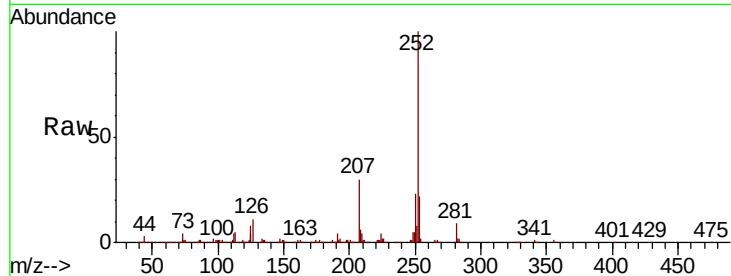
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	252	Resp:	751740
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	7.7	5.9	8.9

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#90

Benzo(a)pyrene

Concen: 4.772 ng

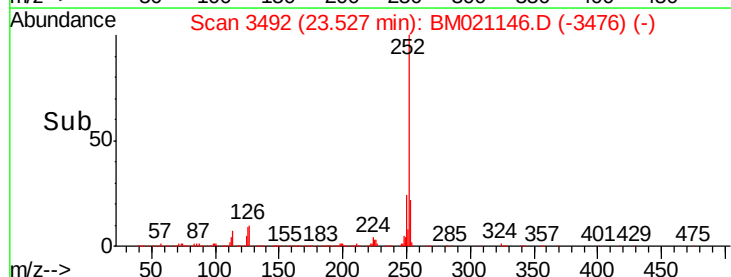
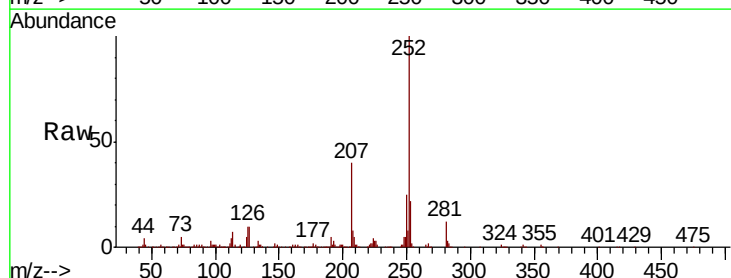
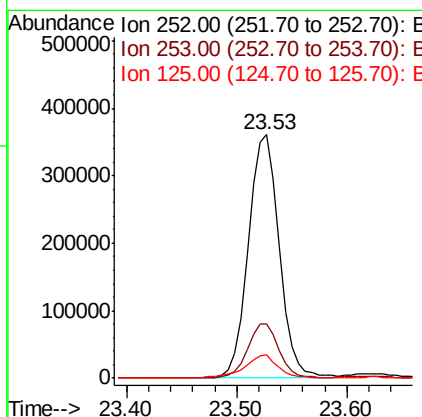
RT: 23.53 min Scan# 3492

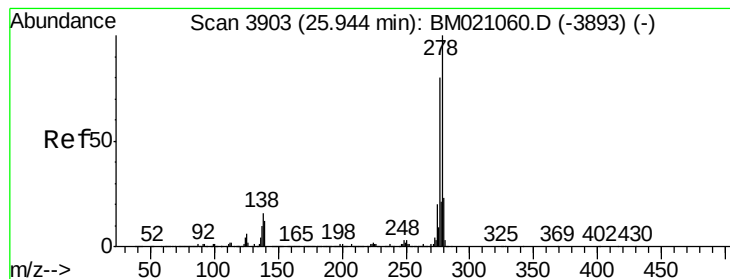
Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	252	Resp:	705550
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	9.5	6.6	10.0





#91

Dibenzo(a,h)anthracene

Concen: 4.347 ng

RT: 25.93 min Scan# 3901

Delta R.T. -0.01 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Instrument :

BNA_M

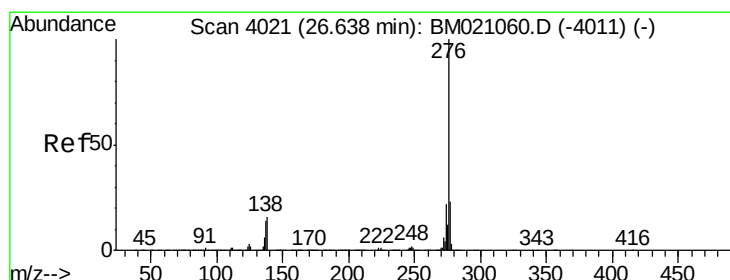
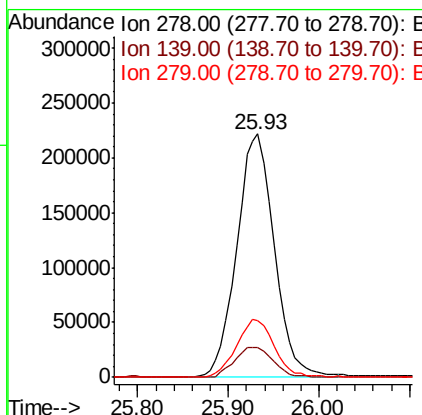
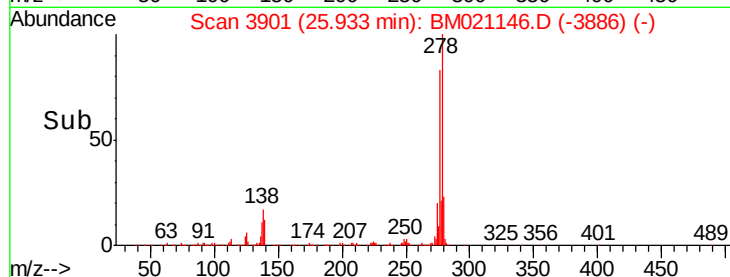
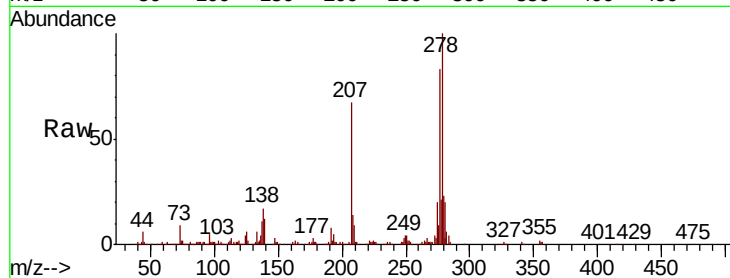
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:	278	Resp:	640702
Ion Ratio	Lower	Upper	
278	100		
139	12.3	9.8	14.8
279	23.4	18.7	28.1

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 4.488 ng

RT: 26.62 min Scan# 4018

Delta R.T. -0.02 min

Lab File: BM021146.D

Acq: 24 Jun 2019 16:02

Tgt Ion:	276	Resp:	616862
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	16.3	13.1	19.7

