

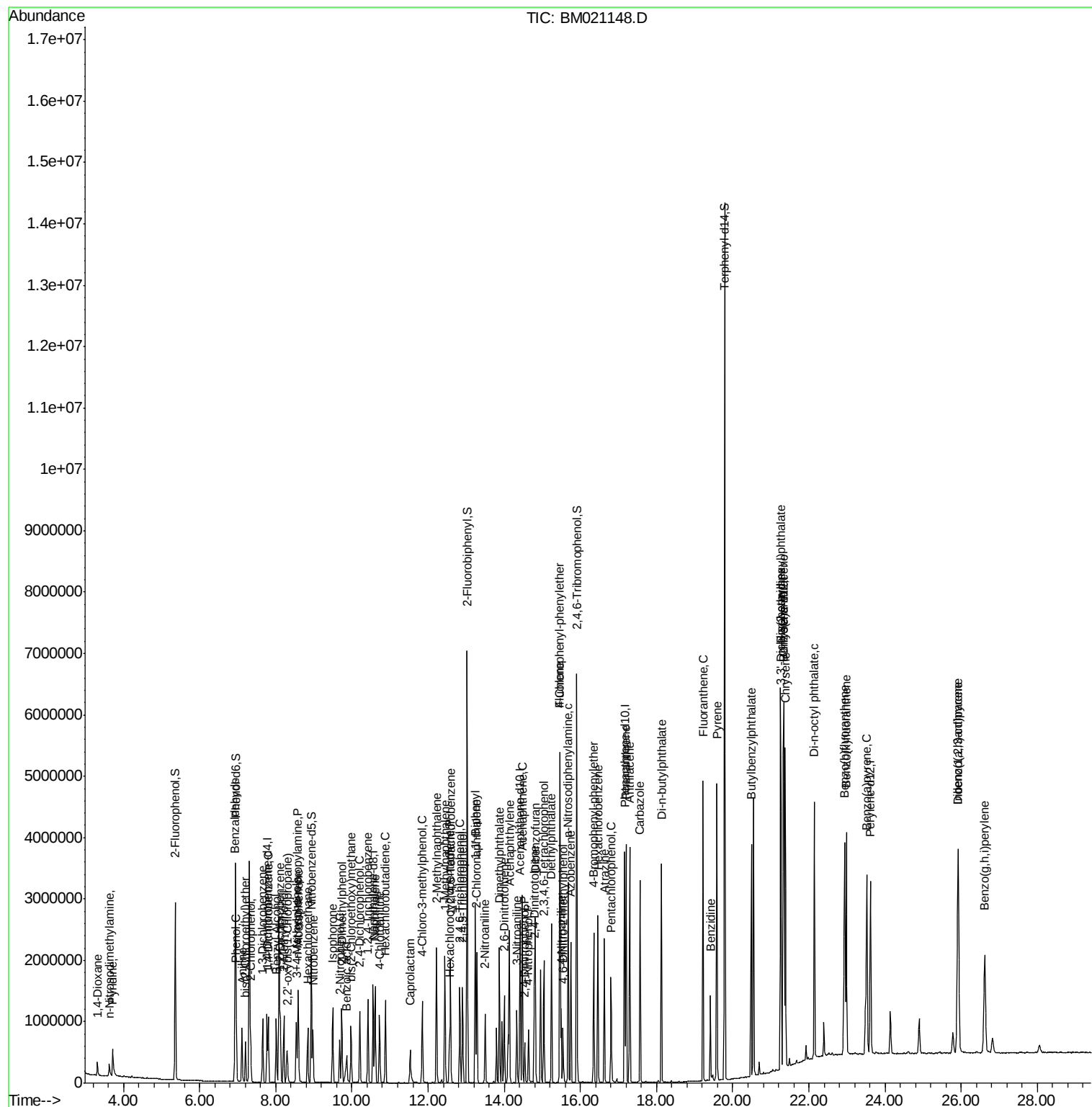
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
Data File : BM021148.D
Acq On : 24 Jun 2019 17:14
Operator : HP/JU
Sample : K2241-08
Misc : LOQ--WATER-20PPM
ALS Vial : 8 Sample Multiplier: 1

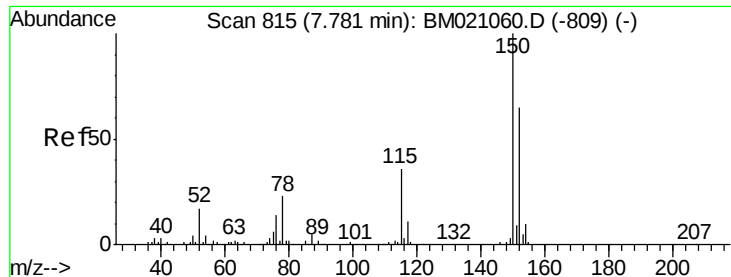
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

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mohammad
6/28/2019 8:26:06 AM

Quant Time: Jun 25 04:51:25 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





#1

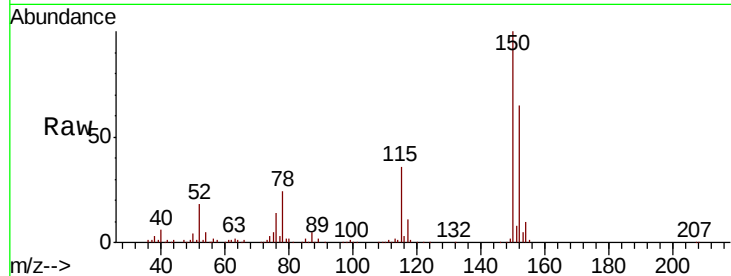
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.1	184.7
115	56.5	44.2	66.4

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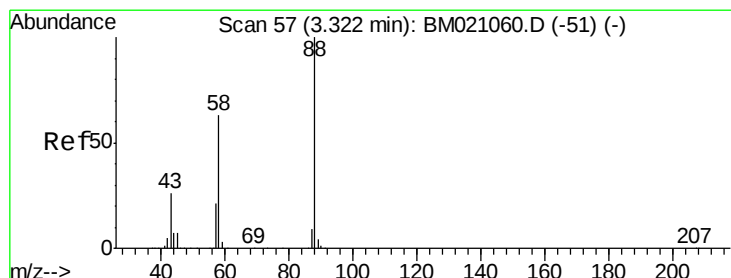
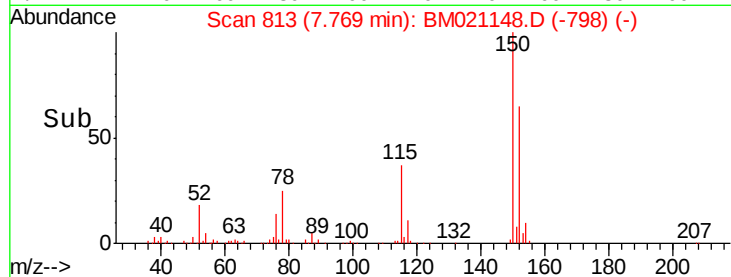
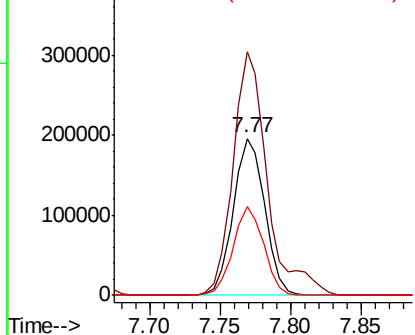


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

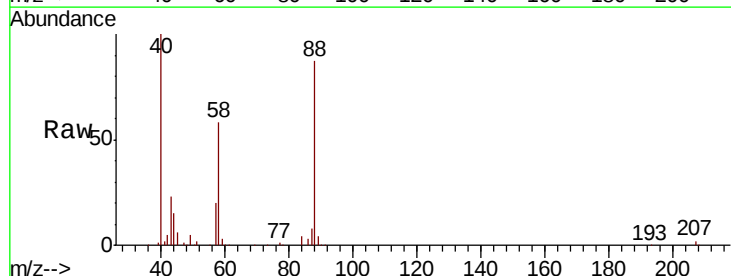
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 19.345 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	51.9	77.9
43	27.1	21.4	32.2

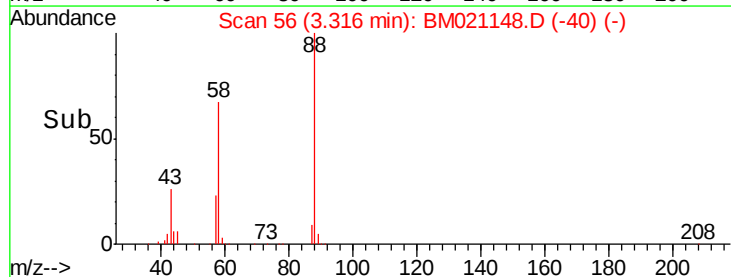
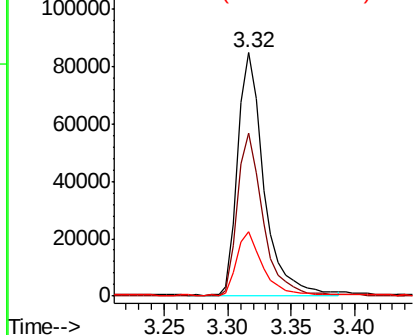


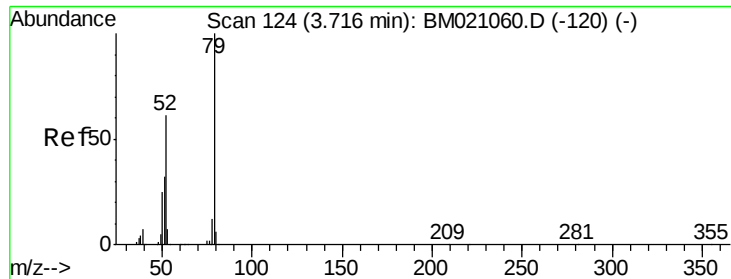
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





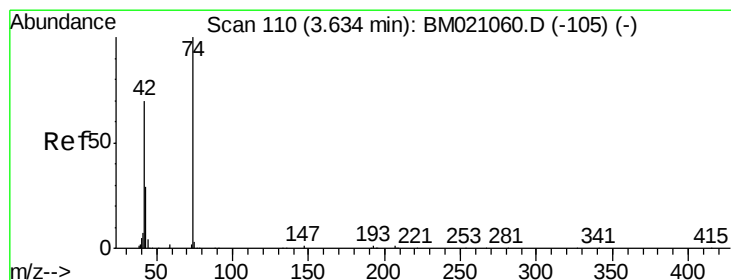
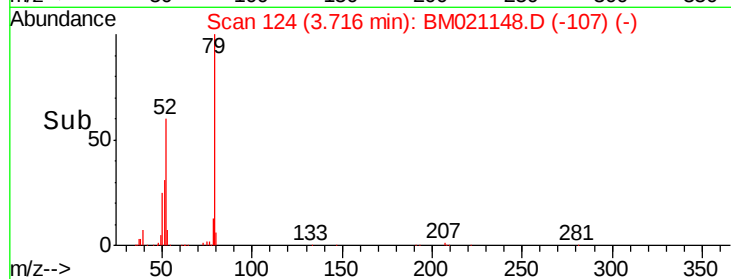
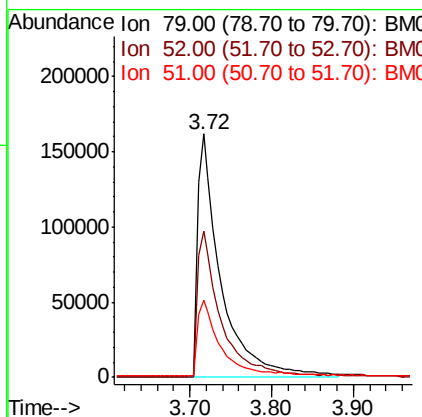
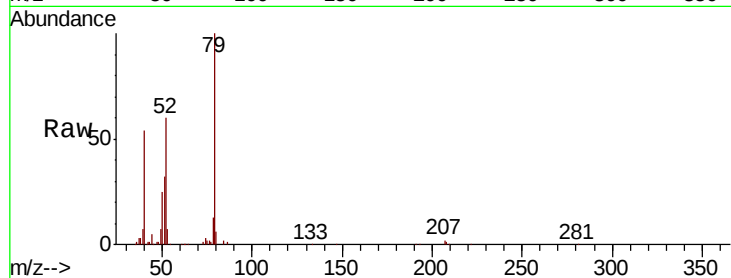
#3
 Pvridine
 Concen: 17.624 ng
 RT: 3.72 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.1	48.8	73.2
51	31.8	25.7	38.5

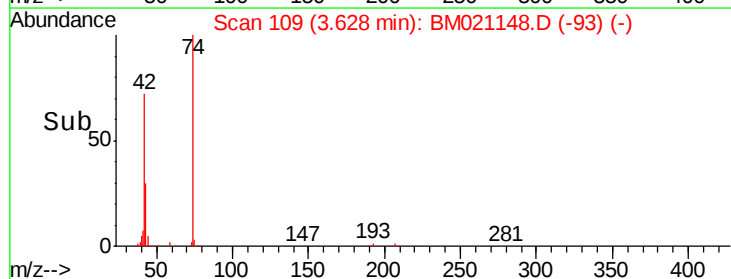
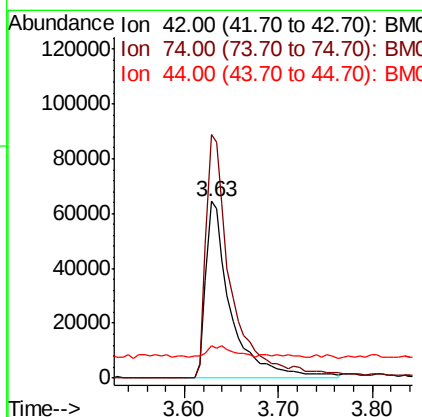
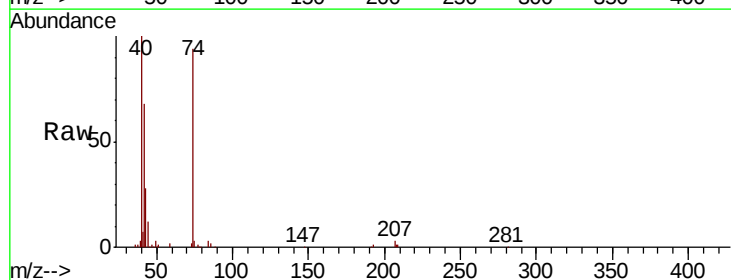
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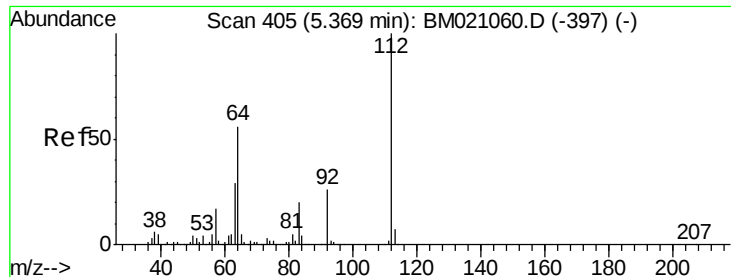
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#4
 n-Nitrosodimethylamine
 Concen: 17.229 ng
 RT: 3.63 min Scan# 109
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.9	113.8	170.6
44	18.3	8.2	12.2





#5

2-Fluorophenol

Concen: 77.186 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:112 Resp: 1297017

Ion Ratio Lower Upper

112 100

64 55.4 45.2 67.8

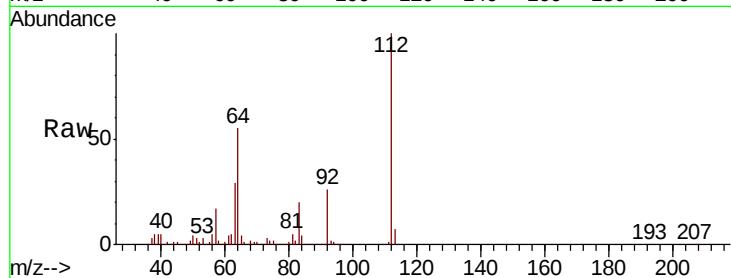
63 28.8 23.5 35.3

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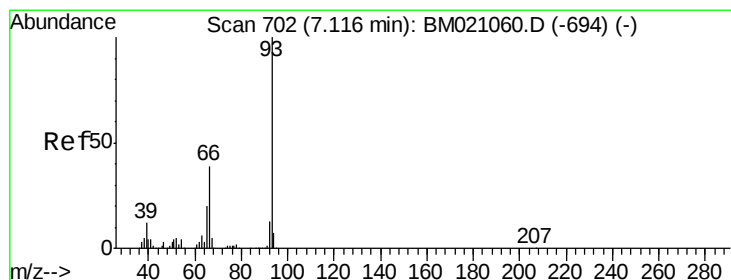
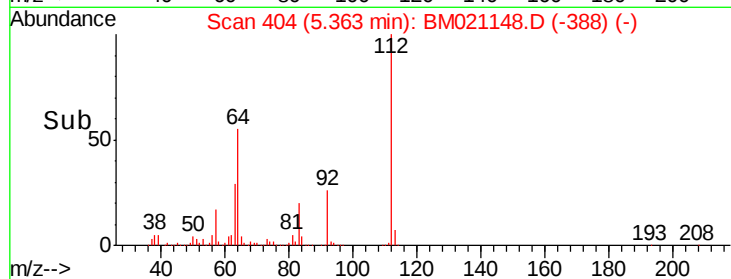
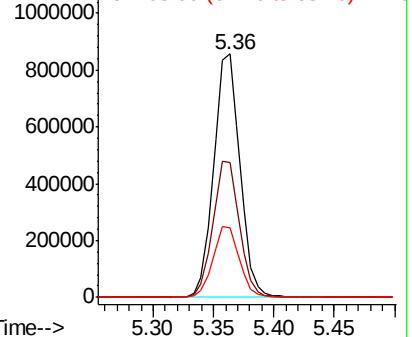
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 16.695 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

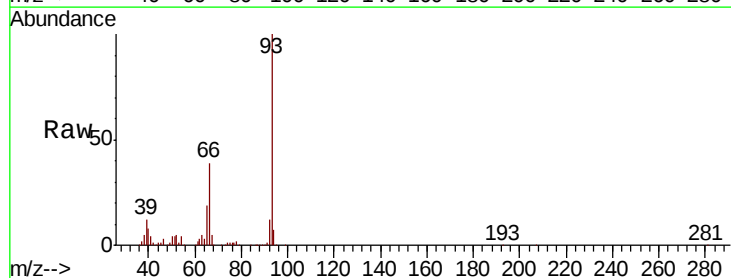
Tgt Ion: 93 Resp: 544125

Ion Ratio Lower Upper

93 100

66 39.4 31.3 46.9

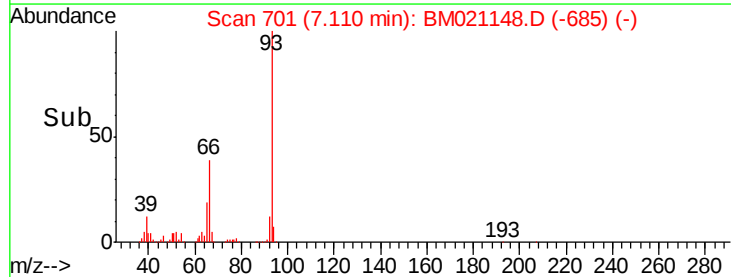
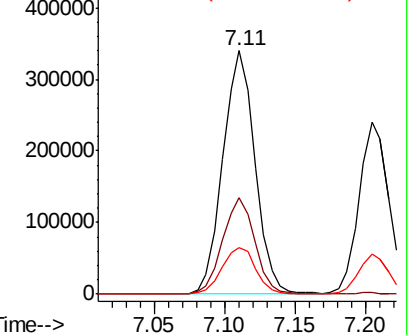
65 19.1 15.9 23.9

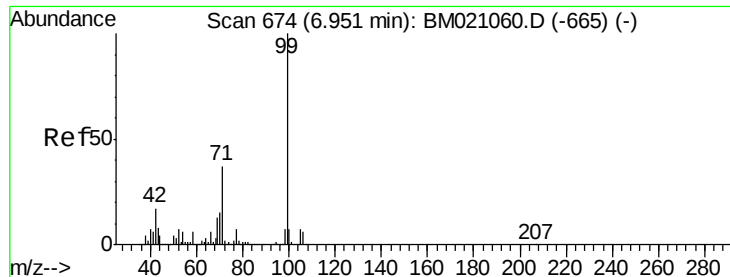


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.181 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion: 99 Resp: 1913150

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

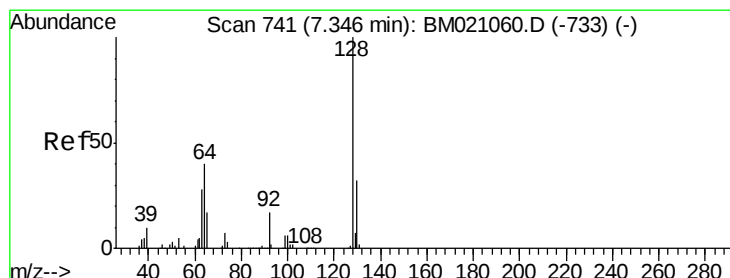
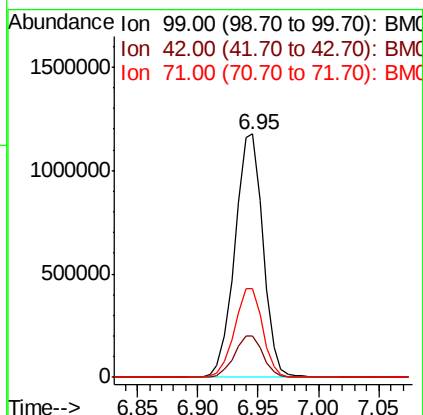
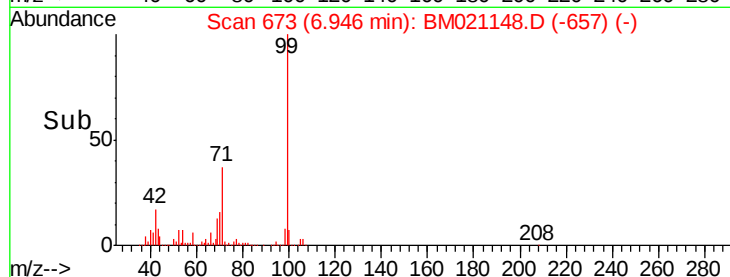
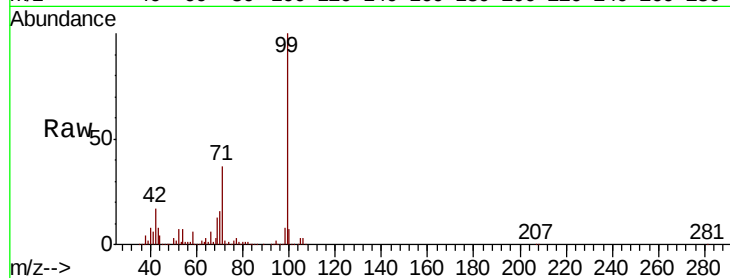
71 36.7 29.3 43.9

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#8

2-Chlorophenol

Concen: 18.108 ng

RT: 7.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

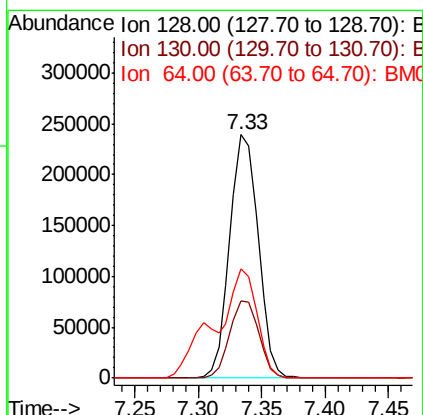
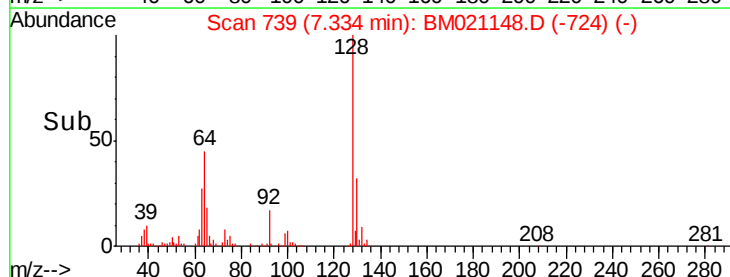
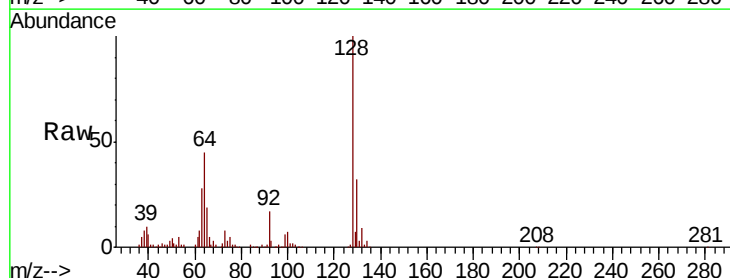
Tgt Ion: 128 Resp: 374484

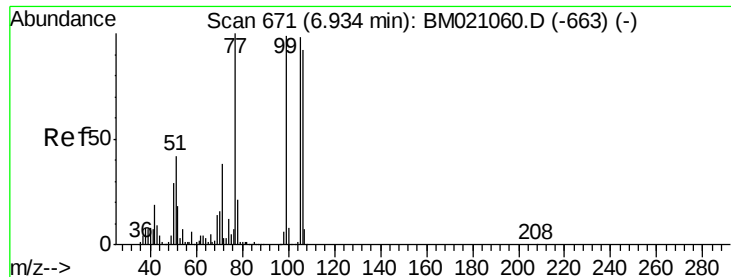
Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

64 44.8 23.2 63.2





#9

Benzaldehyde

Concen: 22.318 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

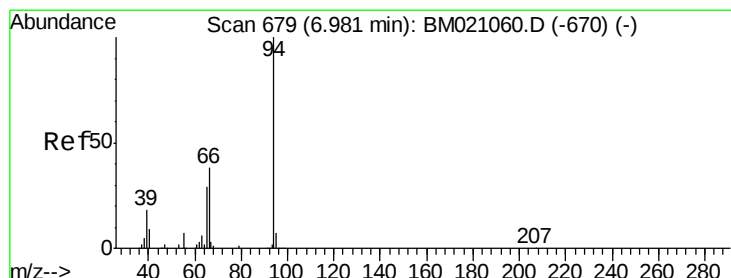
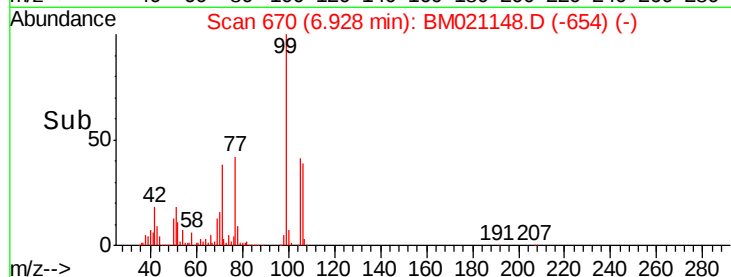
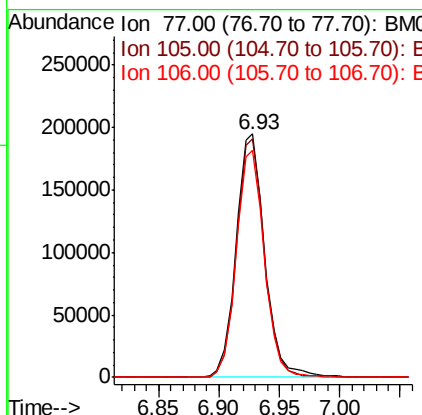
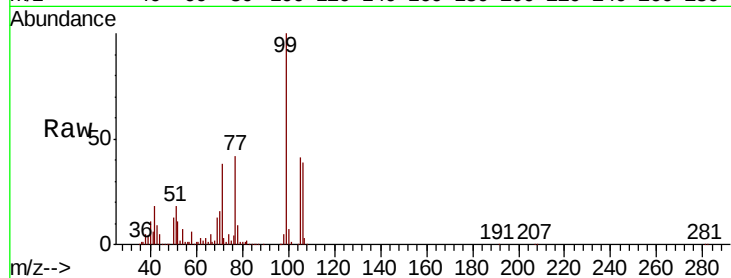
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.0	77.8	117.8
106	93.0	71.8	111.8

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#10

Phenol

Concen: 18.212 ng

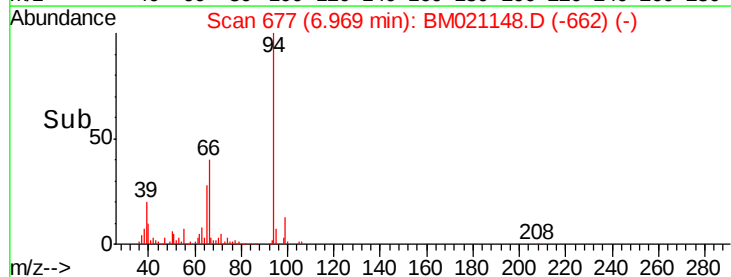
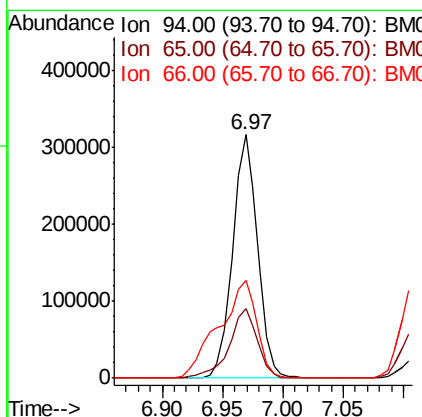
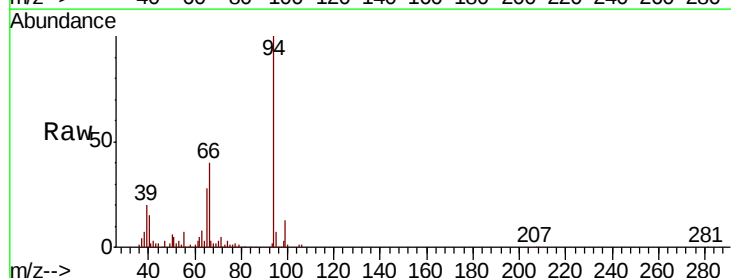
RT: 6.97 min Scan# 677

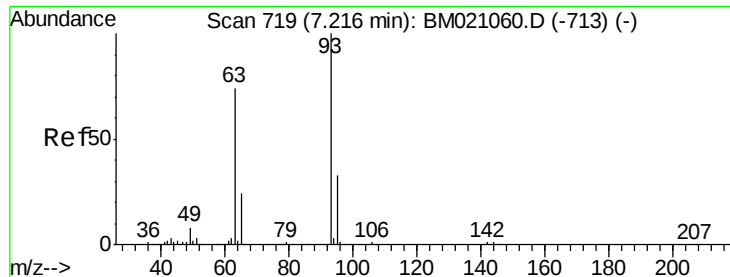
Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.7	48.7
66	39.9	19.0	59.0





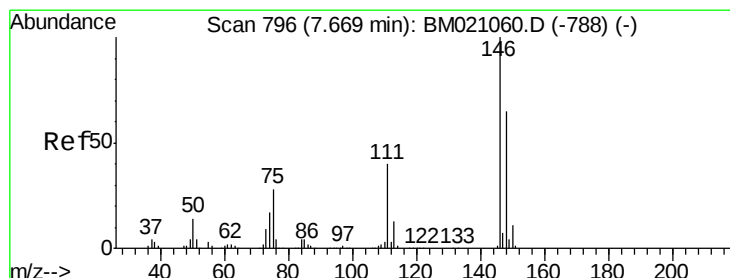
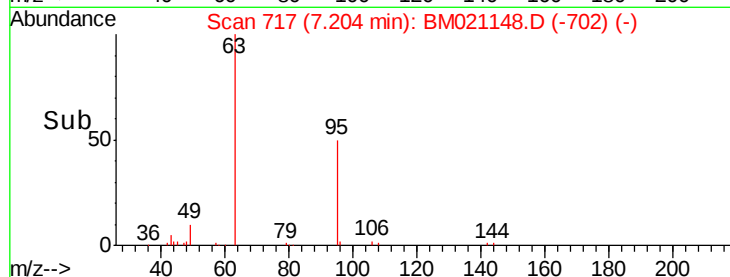
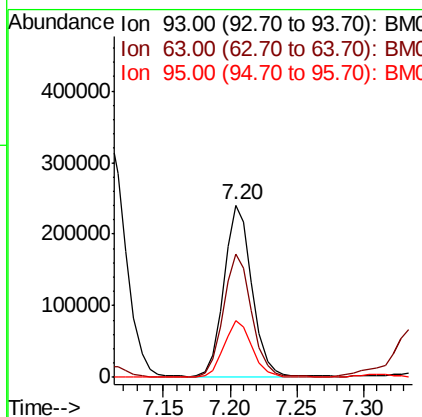
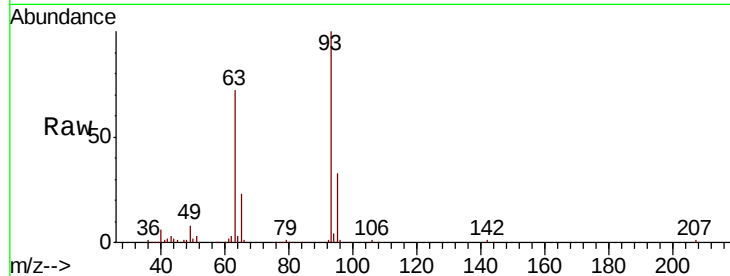
#11
bis(2-Chloroethyl)ether
Concen: 17.716 ng
RT: 7.20 min Scan# 717
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
93	100	350653		
63	71.5	53.4	93.4	
95	32.9	13.0	53.0	

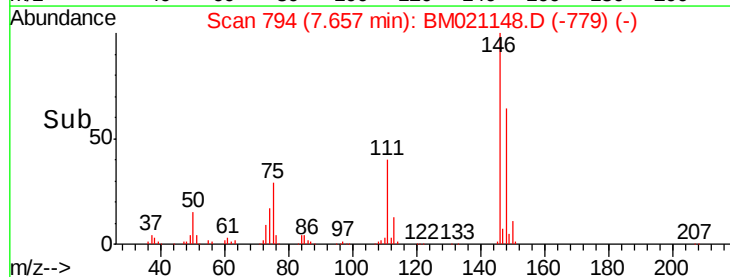
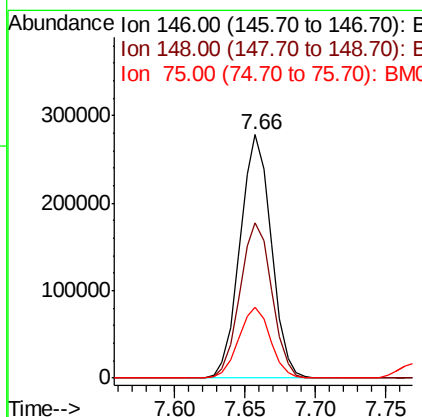
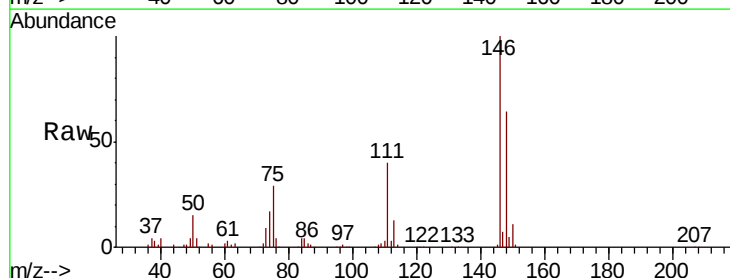
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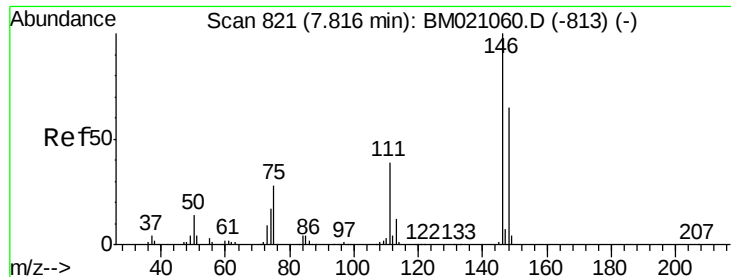
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#12
1,3-Dichlorobenzene
Concen: 17.206 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	431098		
148	63.9	52.2	78.2	
75	29.1	22.2	33.4	





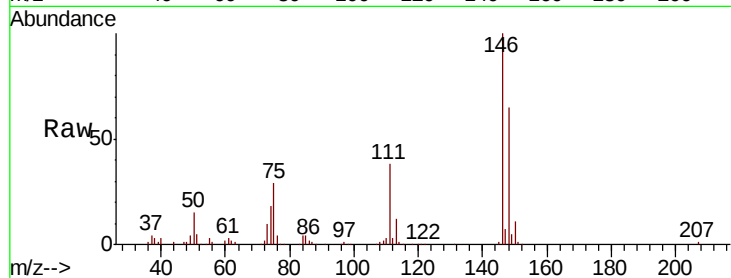
#13
1,4-Dichlorobenzene
Concen: 17.530 ng
RT: 7.80 min Scan# 819
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	38.0	31.4	47.0

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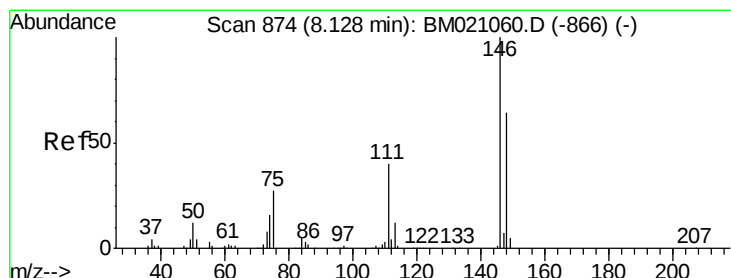
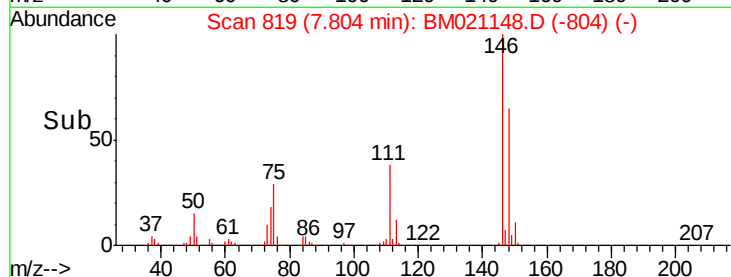
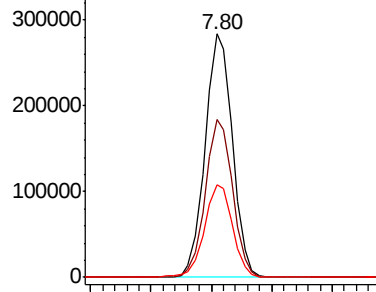


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 17.228 ng
RT: 8.12 min Scan# 873
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

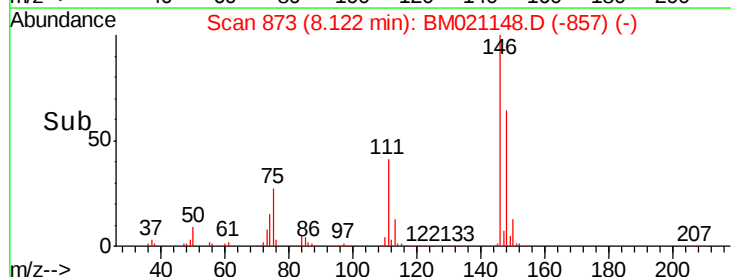
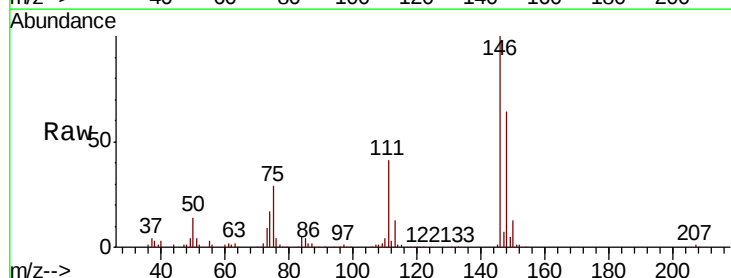
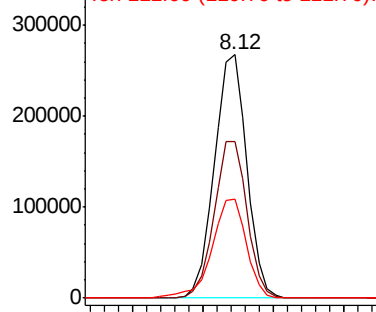
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	40.6	32.8	49.2

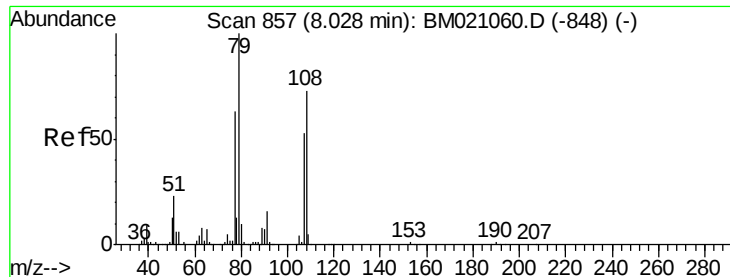
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 17.689 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

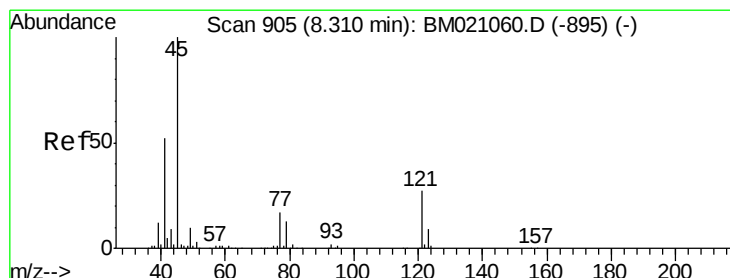
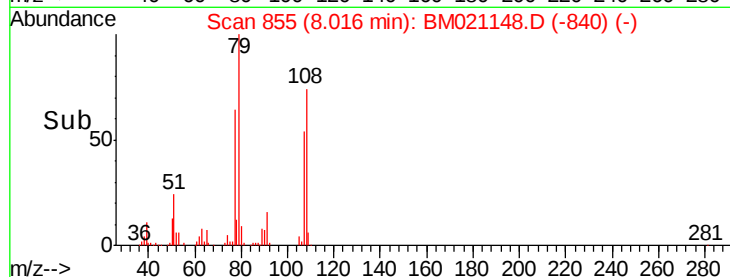
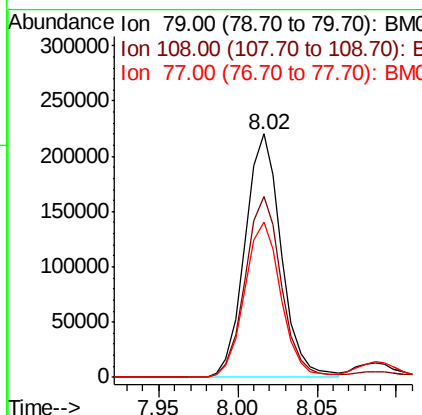
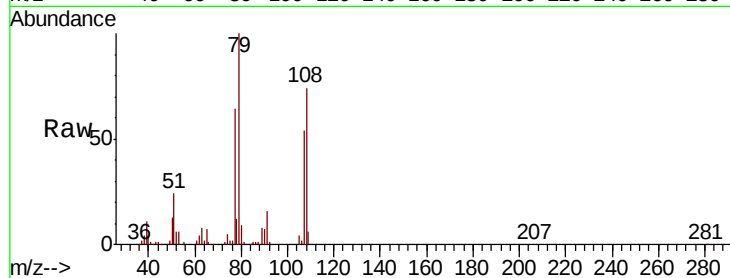
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	79	Resp:	350486
Ion	Ratio	Lower	Upper
79	100		
108	74.3	58.4	87.6
77	64.0	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.625 ng

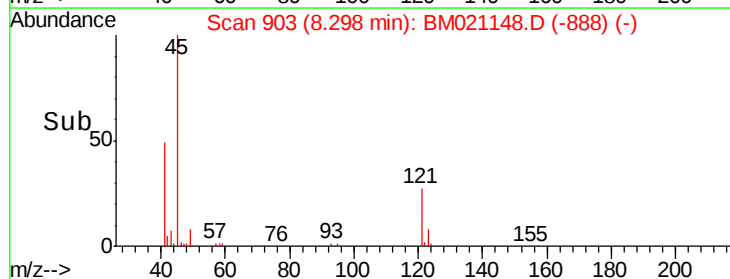
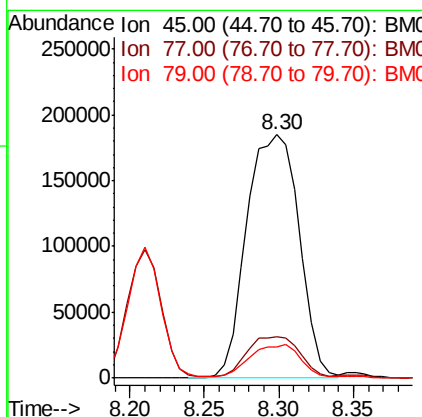
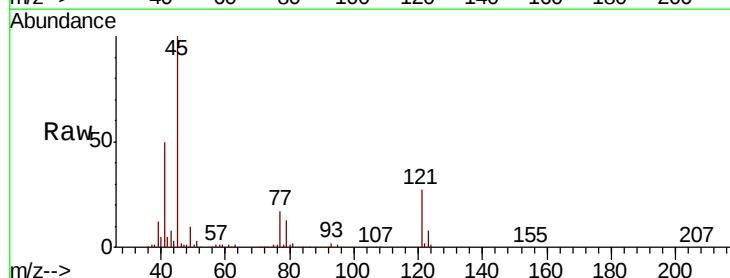
RT: 8.30 min Scan# 903

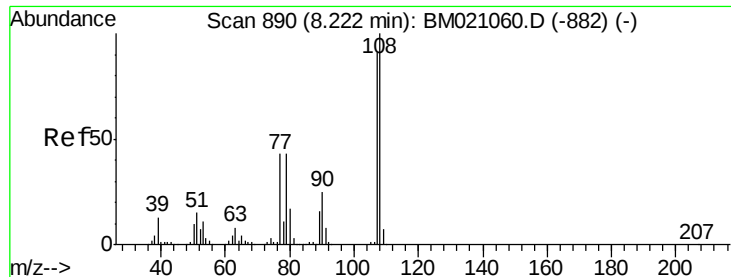
Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion:	45	Resp:	451206
Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	37.5
79	12.7	0.0	33.5





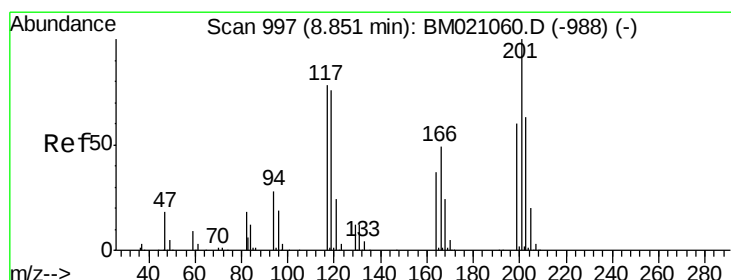
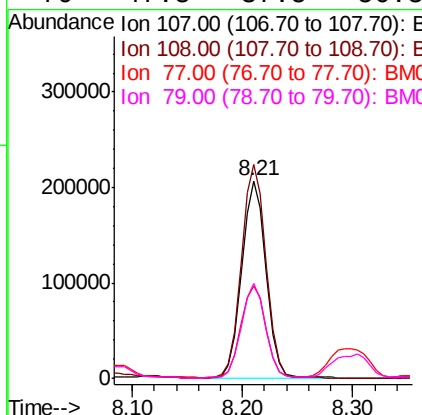
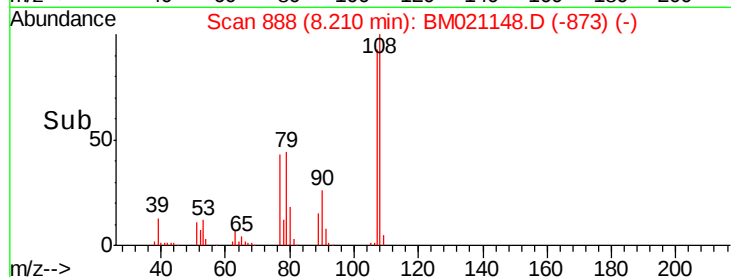
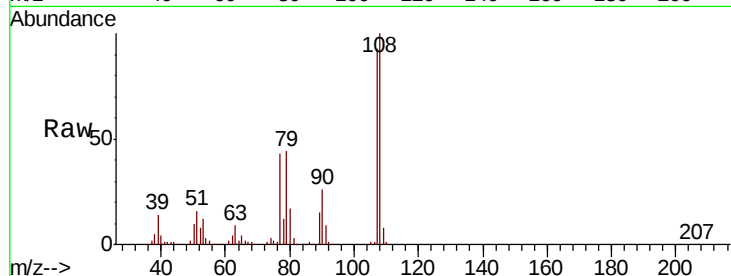
#17
2-Methylphenol
Concen: 18.032 ng
RT: 8.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	87.5	131.3	
77	47.0	37.8	56.8	
79	47.8	37.5	56.3	

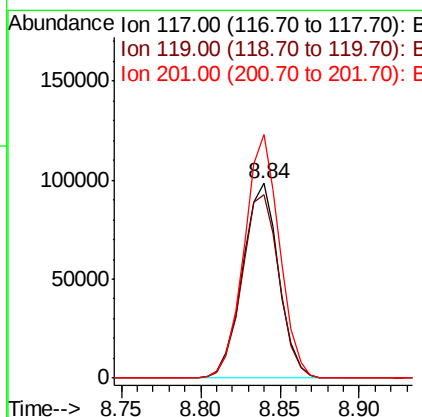
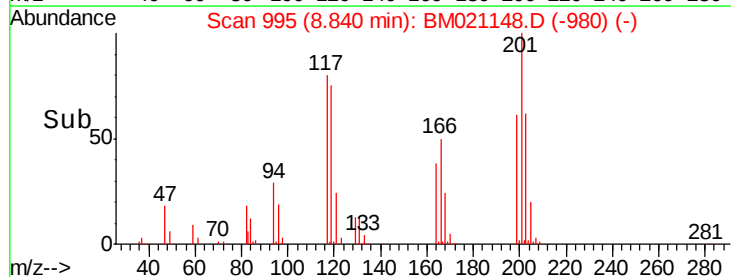
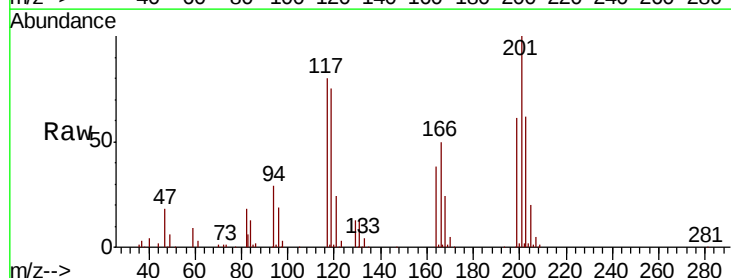
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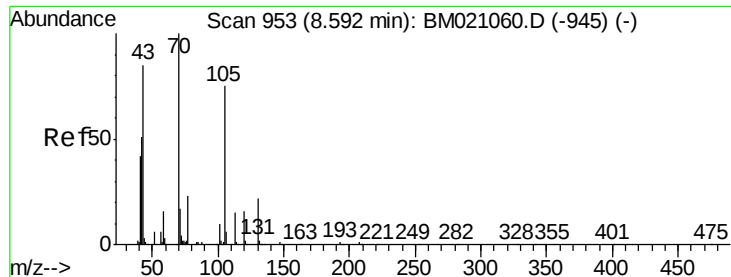
mohammad
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#18
Hexachloroethane
Concen: 16.951 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.5	116.3	
201	125.3	102.3	153.5	





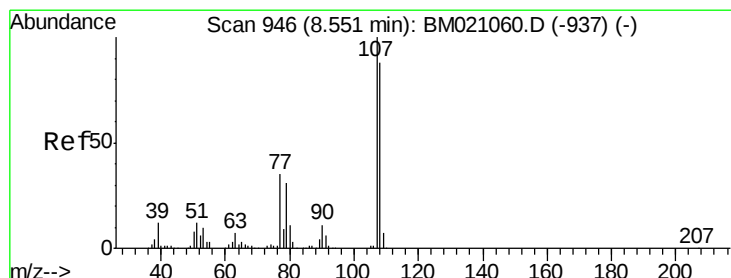
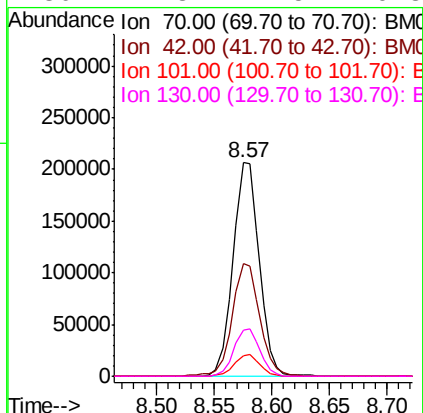
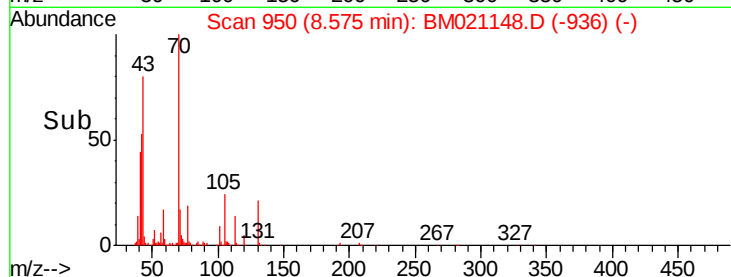
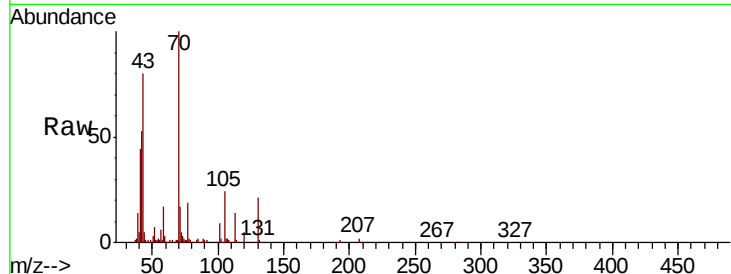
#19
n-Nitroso-di-n-propylamine
Concen: 18.232 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	41.9	62.9	
101	9.4	8.1	12.1	
130	21.3	17.5	26.3	

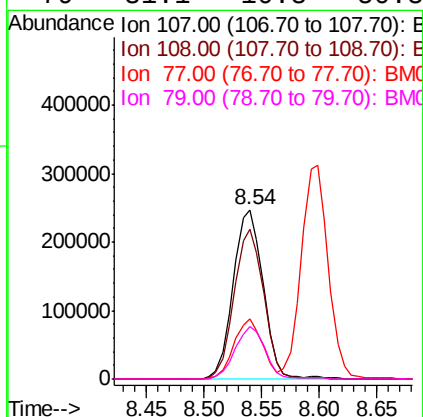
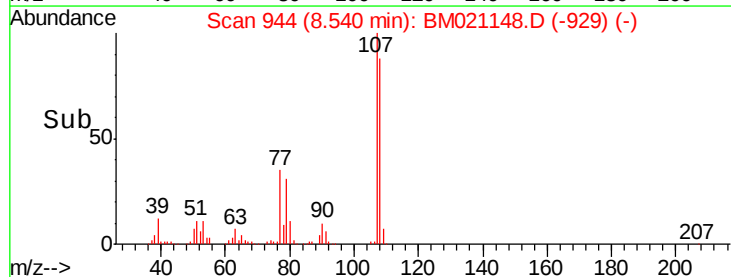
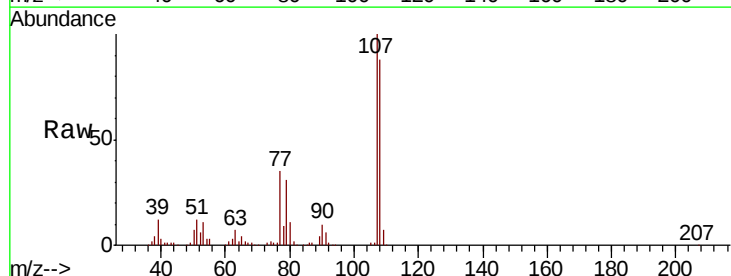
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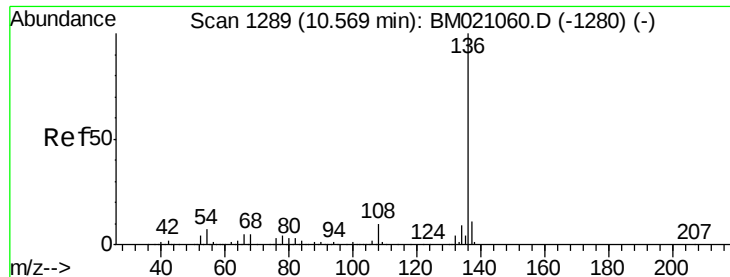
mohammad
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#20
3+4-Methylphenols
Concen: 18.085 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	67.9	107.9	
77	35.2	14.6	54.6	
79	31.1	10.8	50.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:136 Resp: 1320294

Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

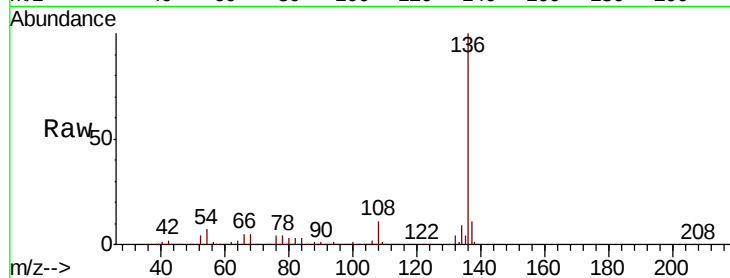
54 6.8 5.3 7.9

68 5.4 4.4 6.6

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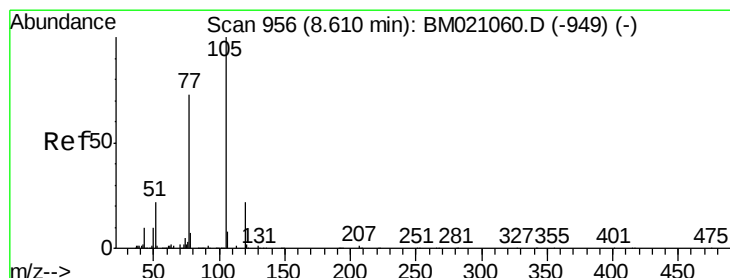
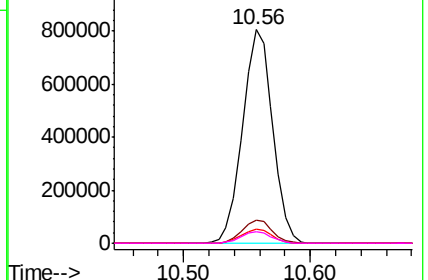
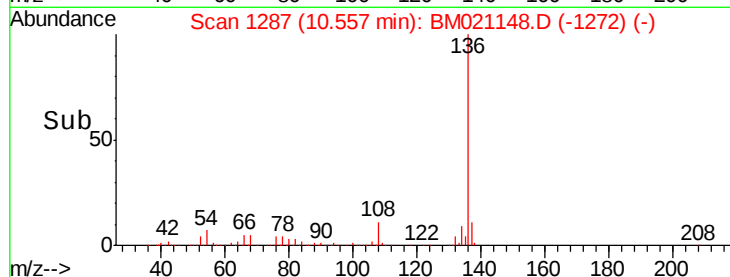


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 19.529 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion:105 Resp: 657047

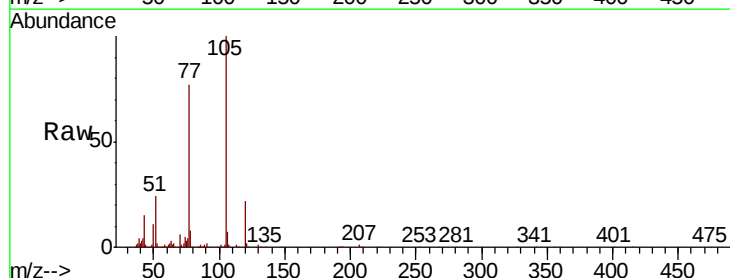
Ion Ratio Lower Upper

105 100

71 1.0 1.2 1.8#

51 24.2 19.1 28.7

120 21.9 17.9 26.9

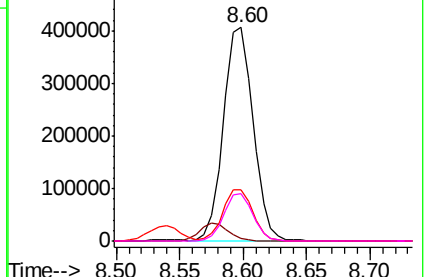
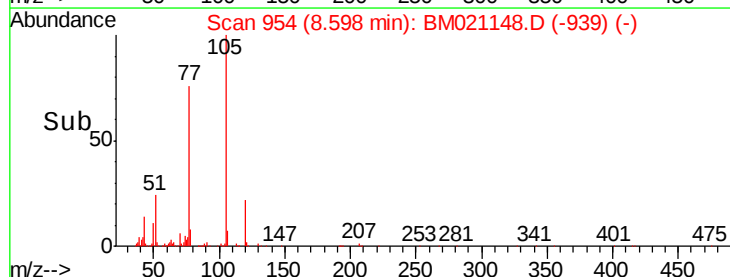


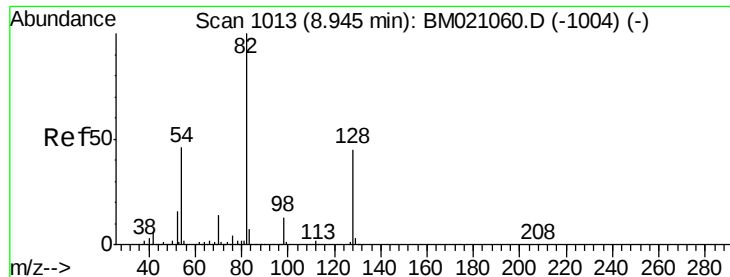
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





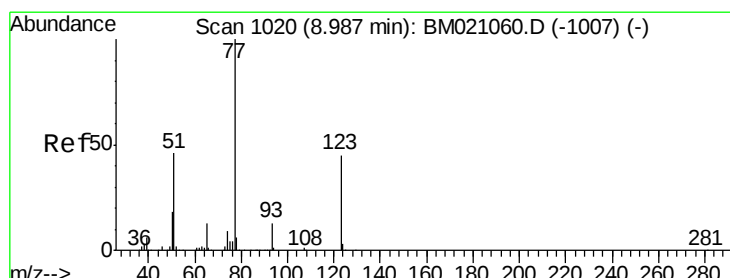
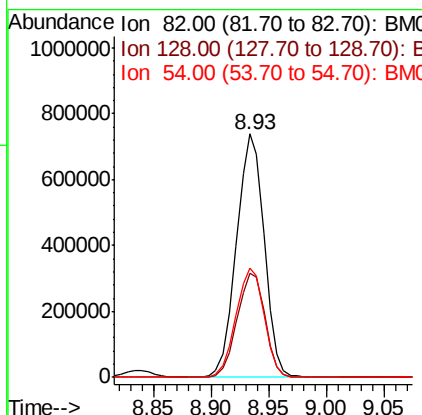
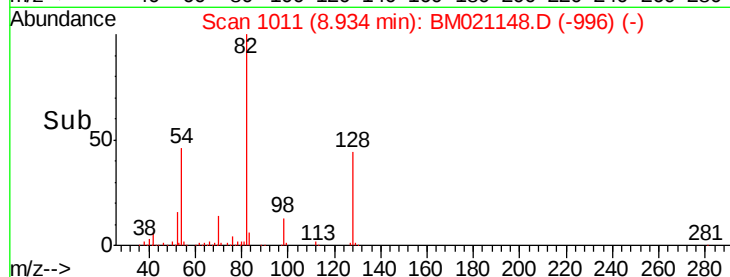
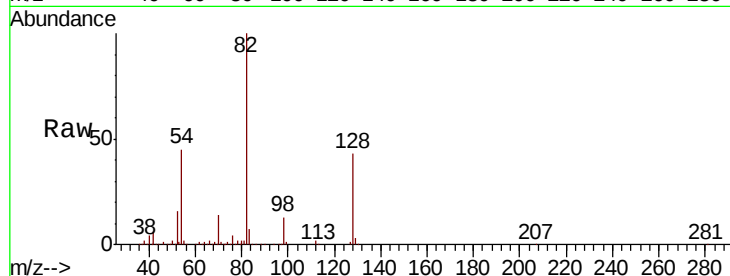
#23
 Nitrobenzene-d5
 Concen: 48.510 ng
 RT: 8.93 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.9	53.9
54	45.0	36.6	55.0

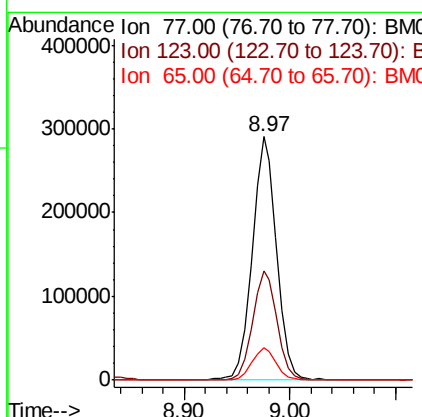
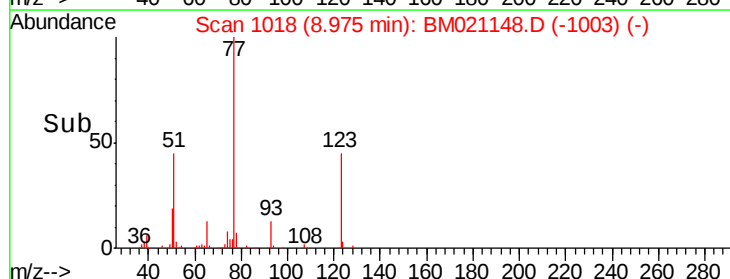
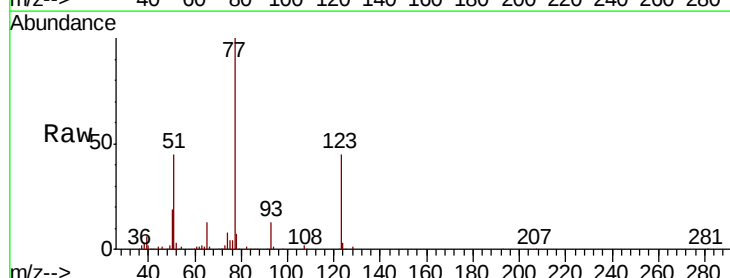
Manual Integrations
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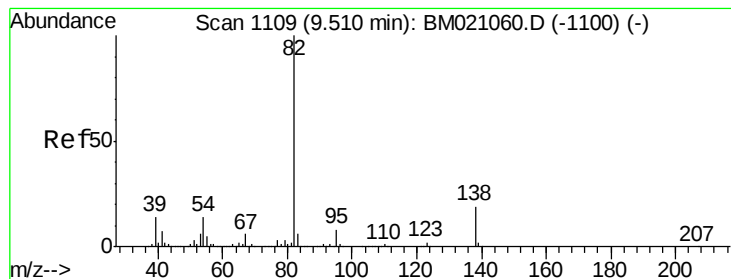
mohammad
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#24
 Nitrobenzene
 Concen: 18.562 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	36.3	54.5
65	13.4	10.6	16.0





#25

Isophorone

Concen: 18.770 ng

RT: 9.50 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

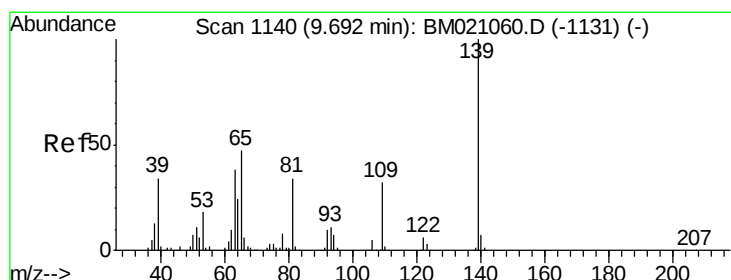
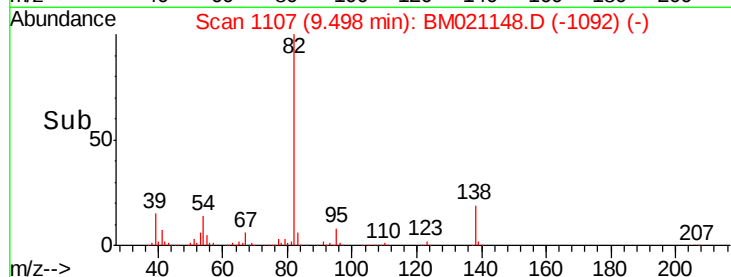
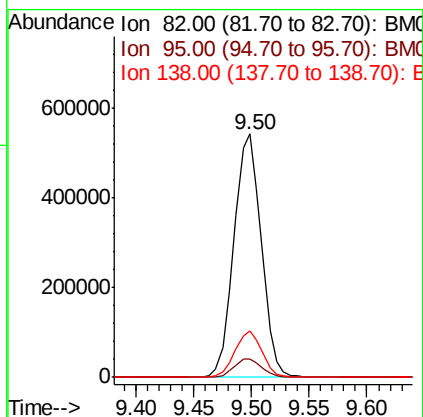
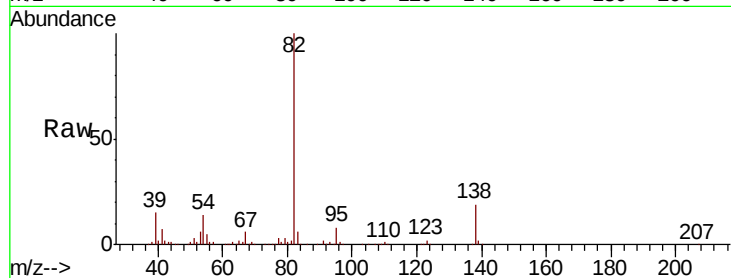
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	82	Resp:	889715
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.1	9.1
138	19.3	15.0	22.6

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#26

2-Nitrophenol

Concen: 18.207 ng

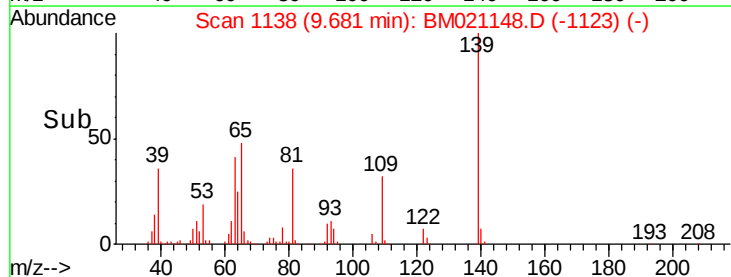
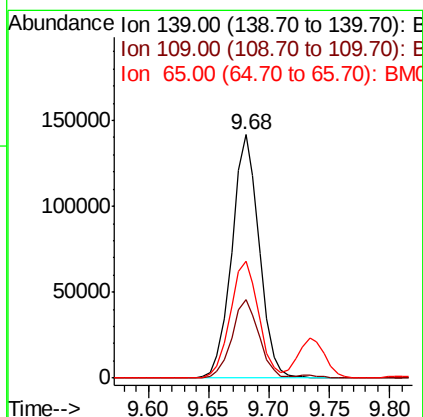
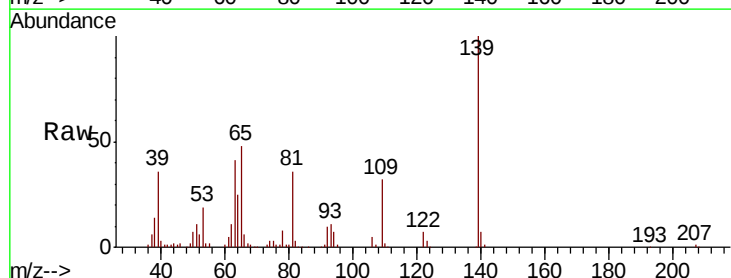
RT: 9.68 min Scan# 1138

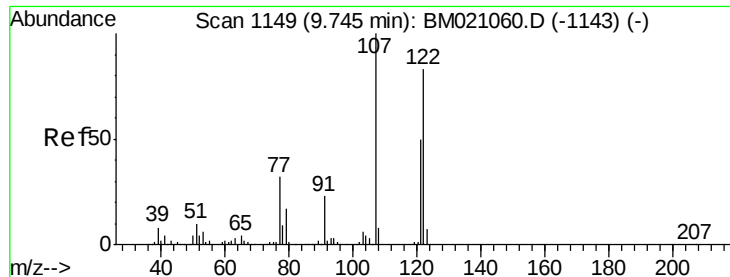
Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion:	139	Resp:	223723
Ion Ratio	Lower	Upper	
139	100		
109	32.1	25.2	37.8
65	48.2	37.4	56.0





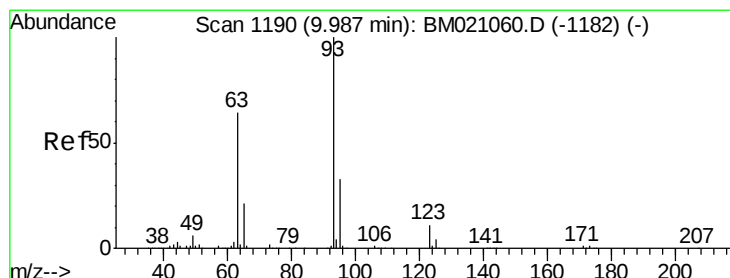
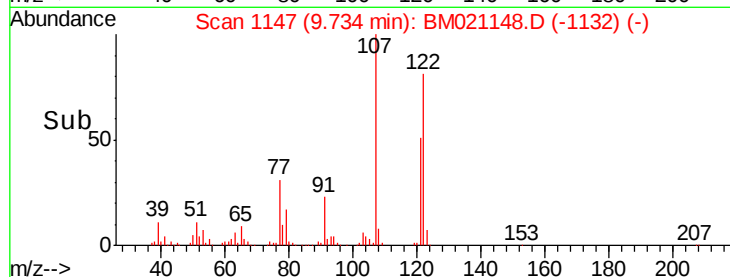
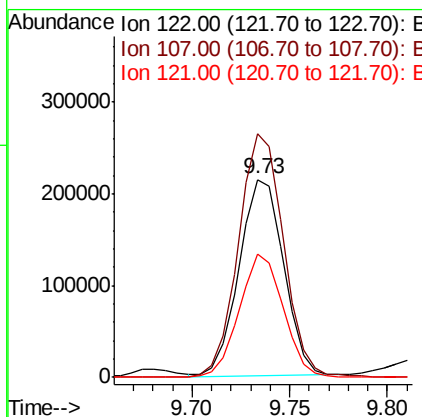
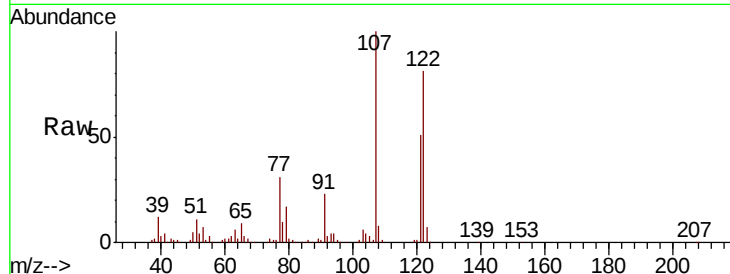
#27
2,4-Dimethylphenol
Concen: 18.868 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
122	100	338159		
107	123.0	95.3	142.9	
121	62.3	47.5	71.3	

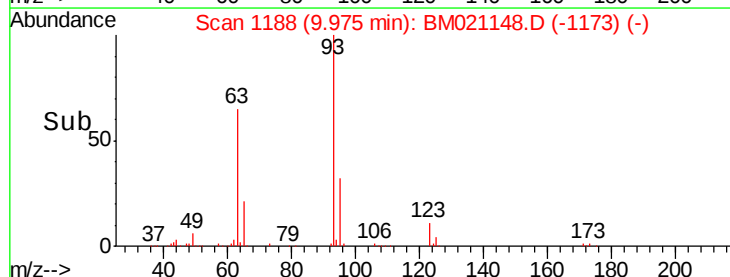
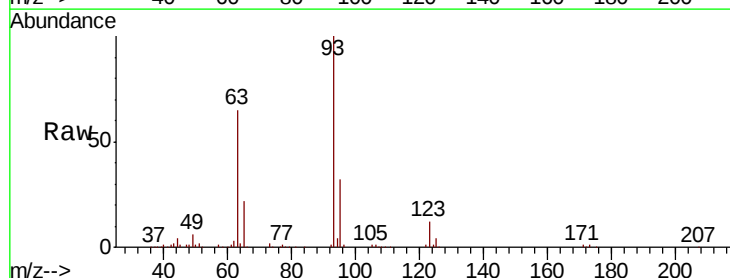
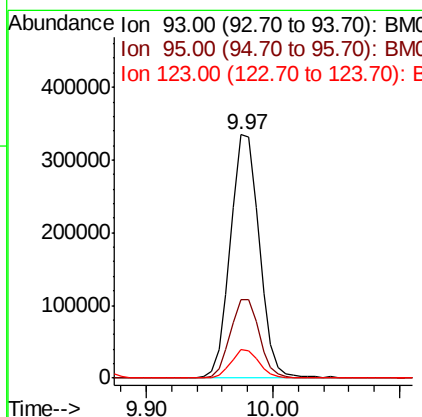
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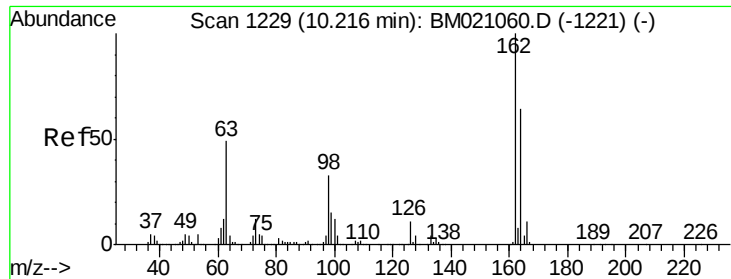
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#28
bis(2-Chloroethoxy)methane
Concen: 17.975 ng
RT: 9.97 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	529440		
95	32.1	26.2	39.2	
123	11.9	9.0	13.4	





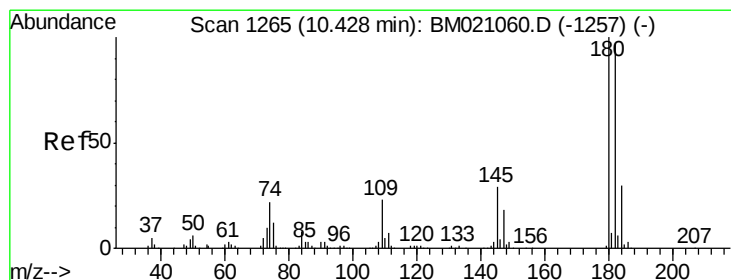
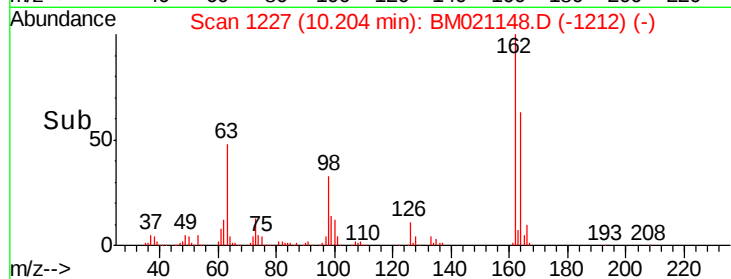
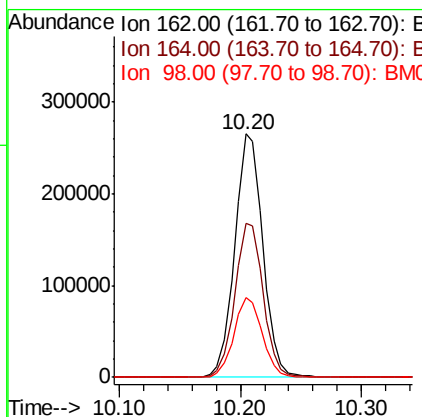
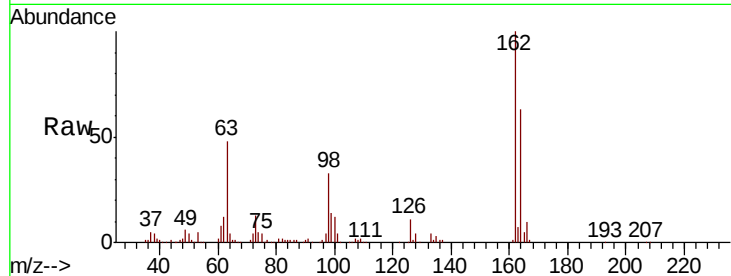
#29
2,4-Dichlorophenol
Concen: 18.623 ng
RT: 10.20 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.7	83.7
98	33.0	13.4	53.4

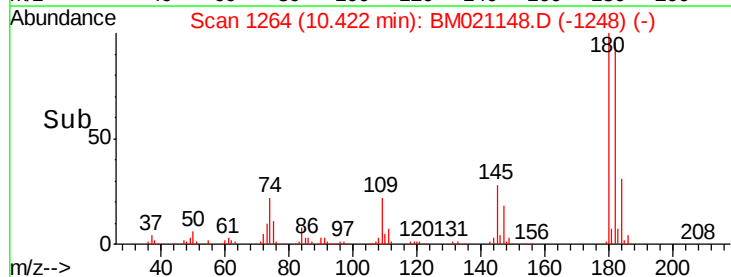
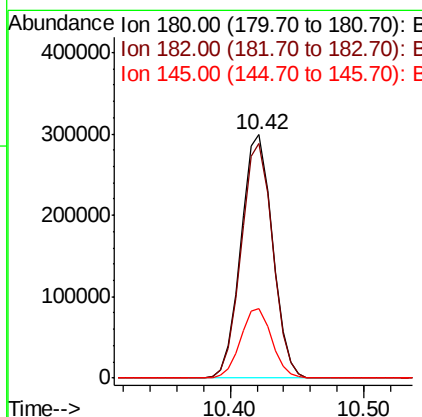
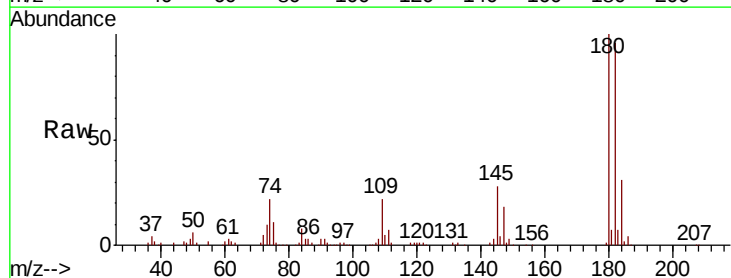
Manual Integrations
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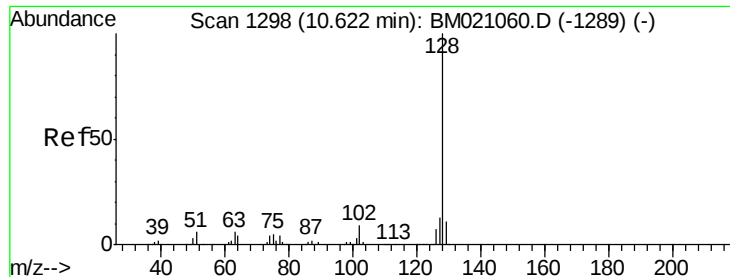
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#30
1,2,4-Trichlorobenzene
Concen: 17.858 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.0	117.0
145	28.4	23.4	35.0





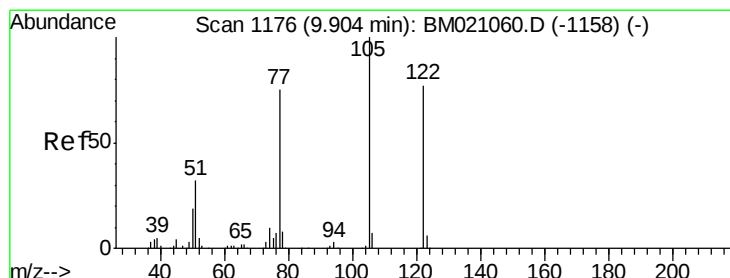
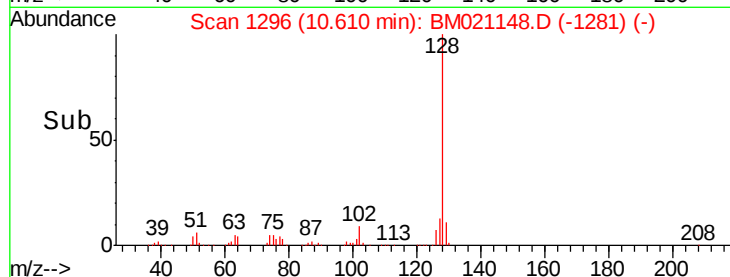
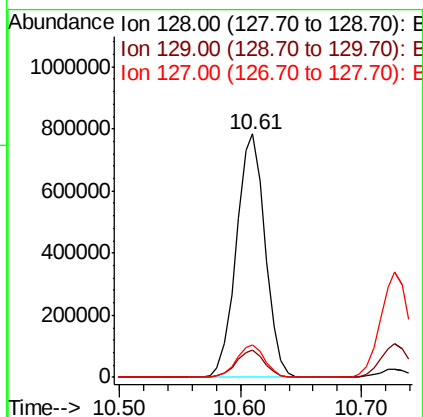
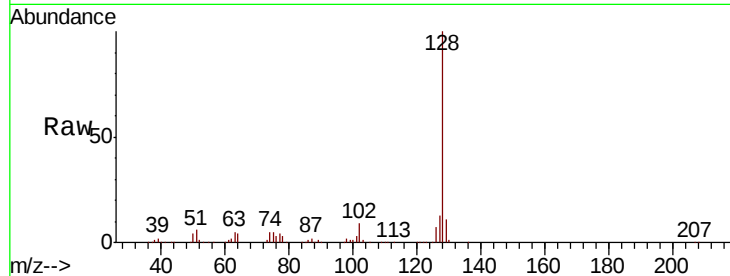
#31
Naphthalene
Concen: 18.593 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.8	16.2

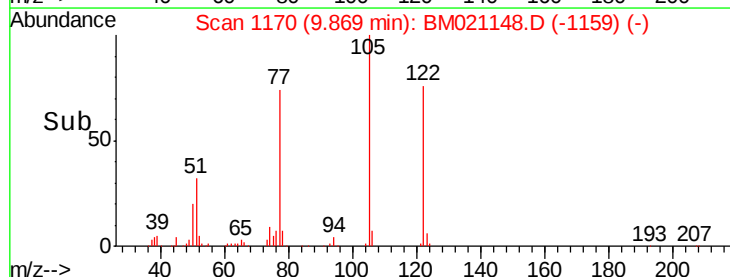
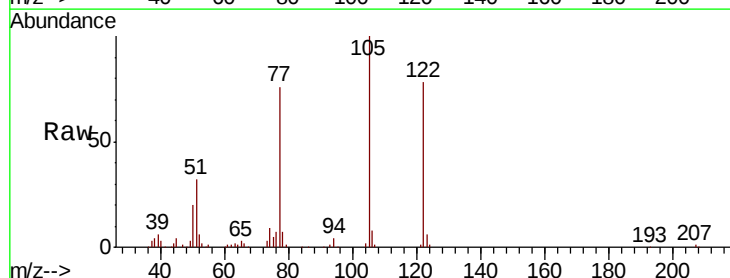
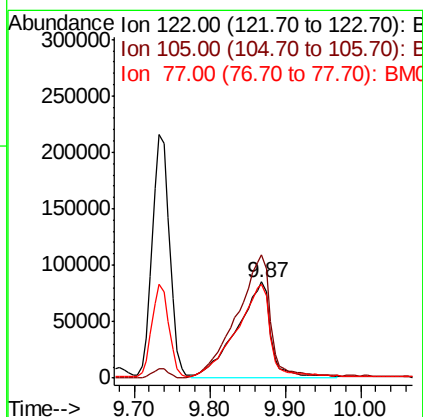
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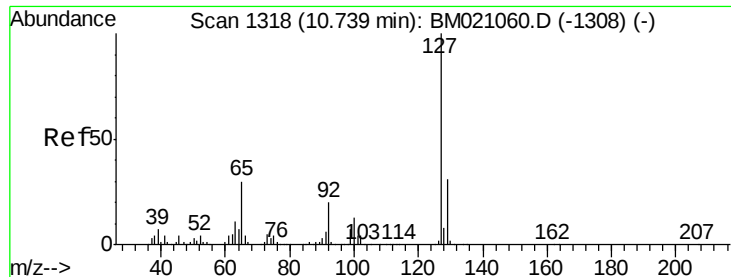
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#32
Benzoic acid
Concen: 18.695 ng m
RT: 9.87 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.0	108.9	148.9
77	97.7	76.7	116.7





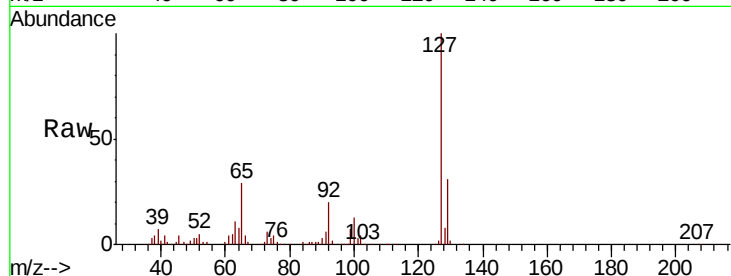
#33
4-Chloroaniline
Concen: 17.950 ng
RT: 10.73 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.1	37.7
65	29.5	23.8	35.8
92	20.5	15.7	23.5

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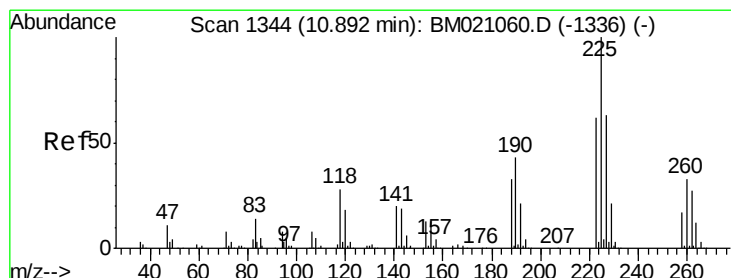
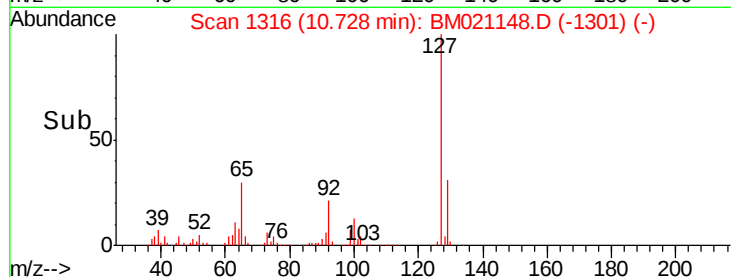
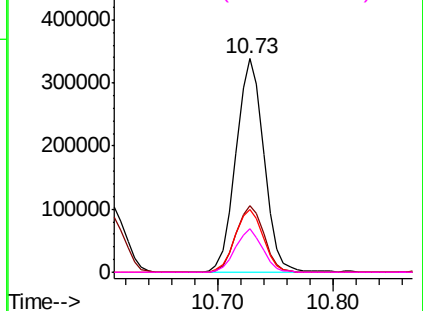
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 17.119 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

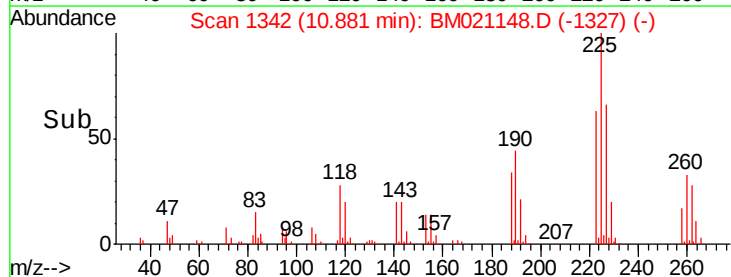
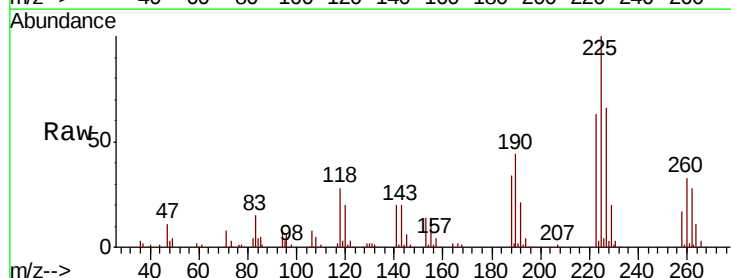
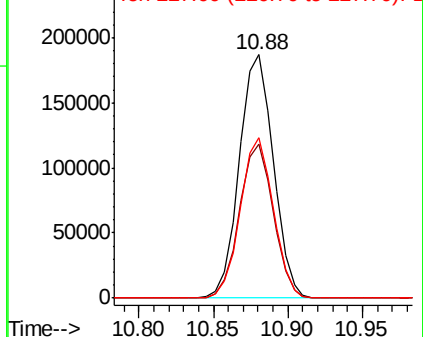
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.6	74.4
227	65.9	50.4	75.6

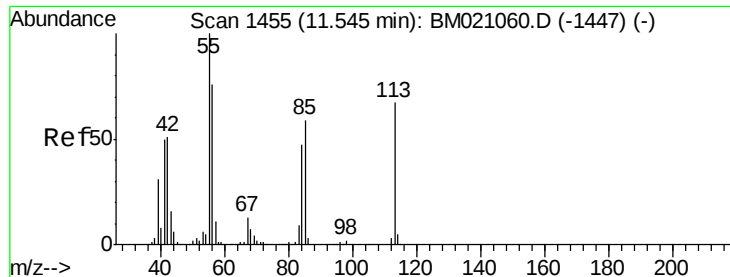
Abundance

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





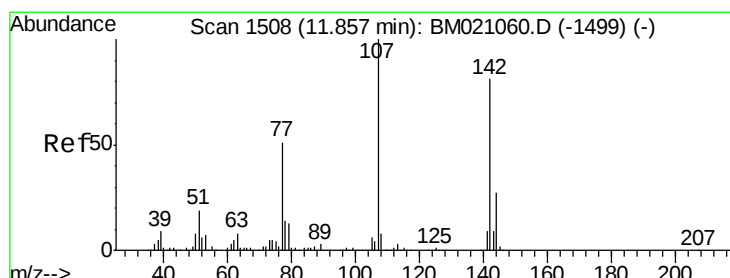
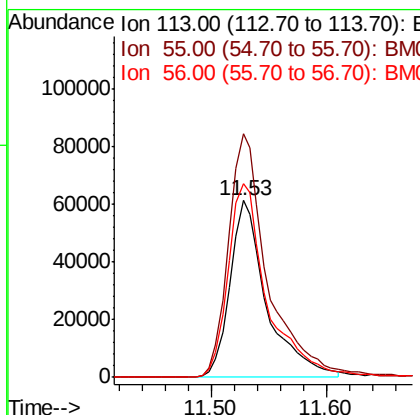
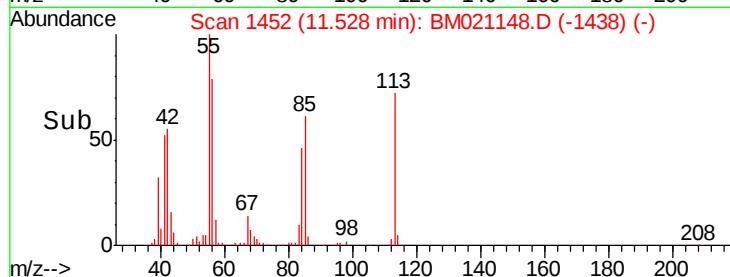
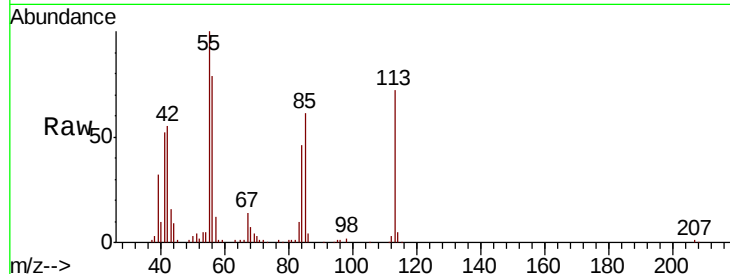
#35
 Caprolactam
 Concen: 18.717 ng
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.0	129.8	169.8
56	109.5	94.3	134.3

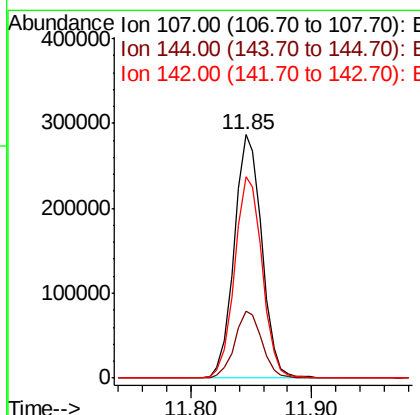
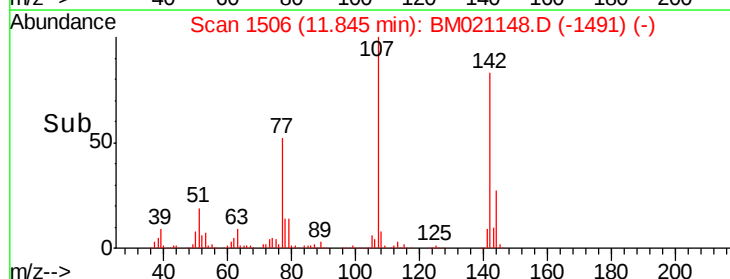
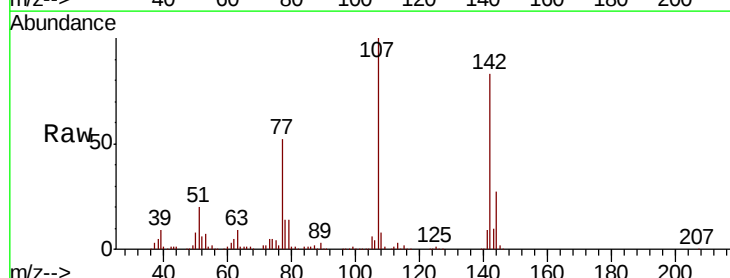
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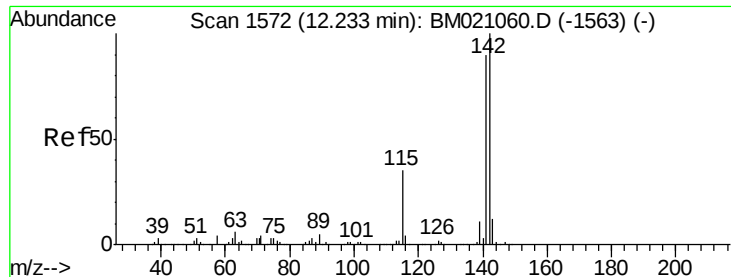
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#36
 4-Chloro-3-methylphenol
 Concen: 19.422 ng
 RT: 11.85 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.3	31.9
142	82.6	64.9	97.3





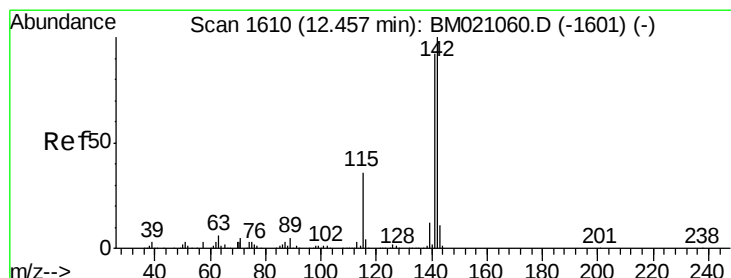
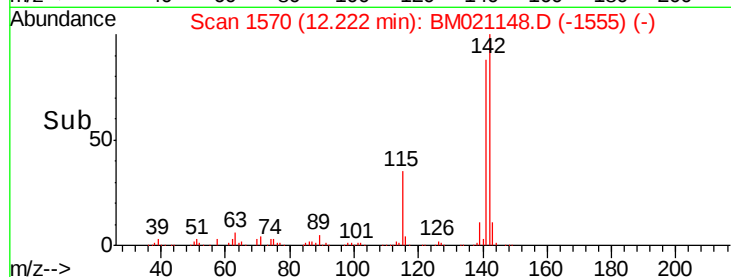
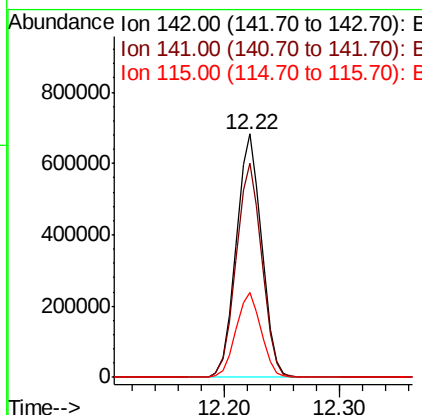
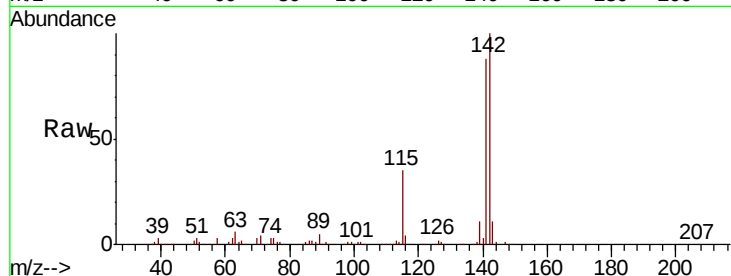
#37
2-Methylnaphthalene
Concen: 19.330 ng
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.2	108.2
115	34.6	27.9	41.9

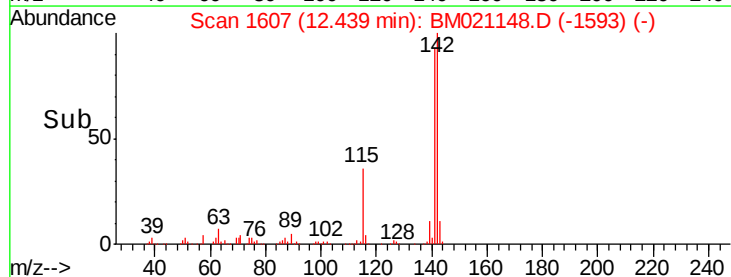
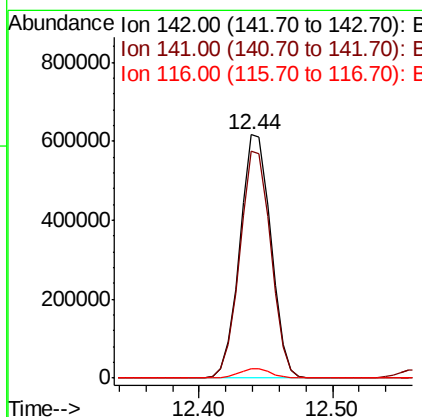
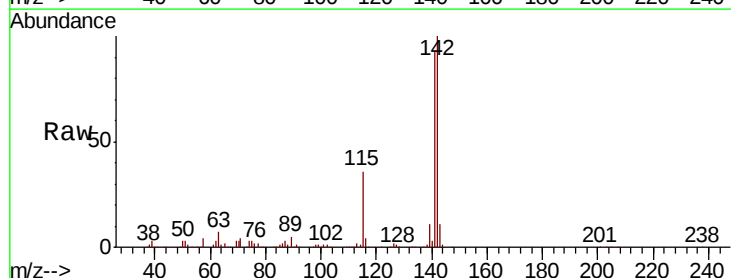
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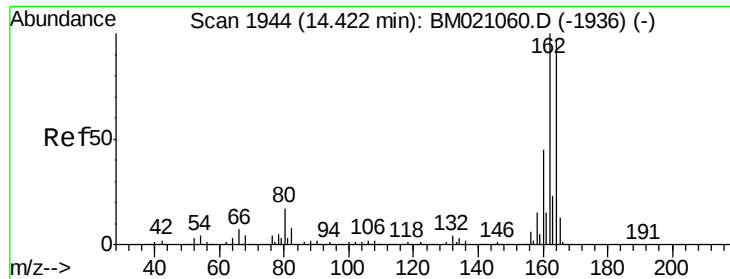
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#38
1-Methylnaphthalene
Concen: 19.347 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

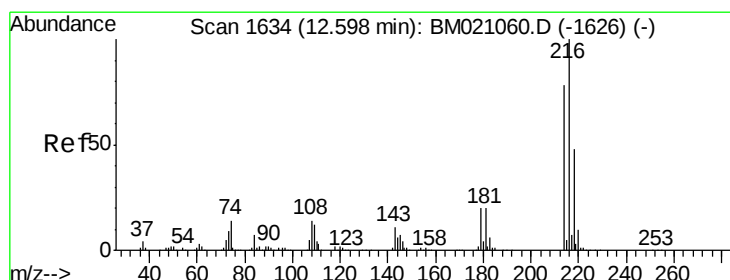
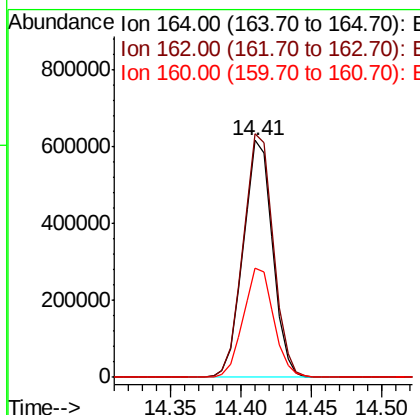
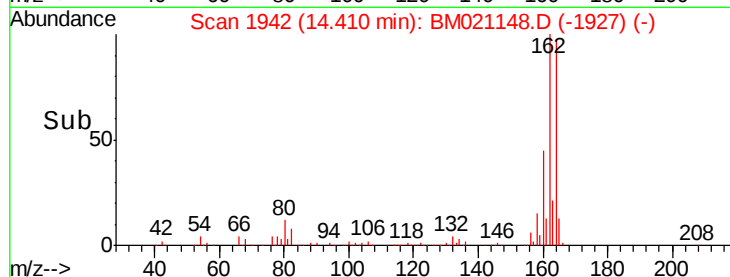
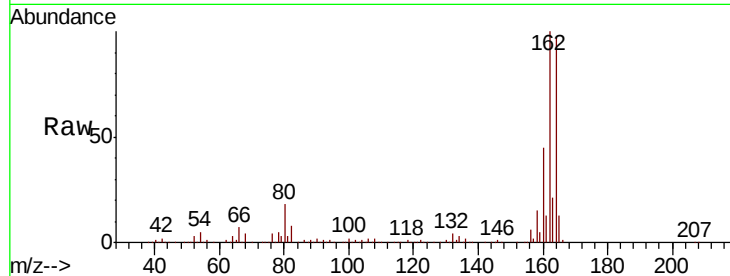
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	164	Resp:	897737
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.1	123.1
160	46.0	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.013 ng

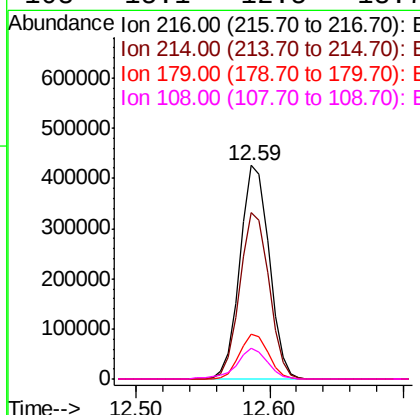
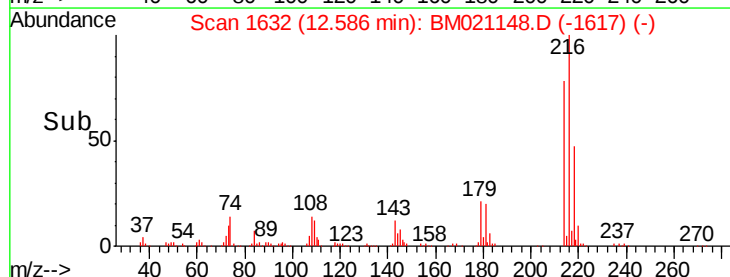
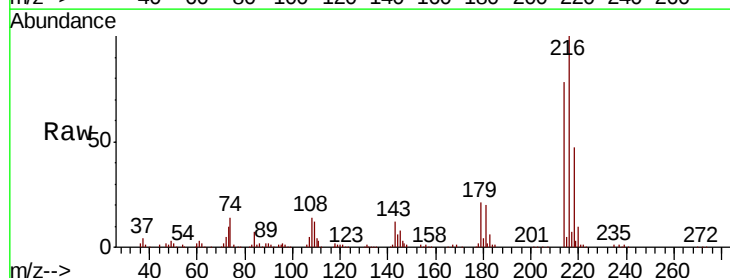
RT: 12.59 min Scan# 1632

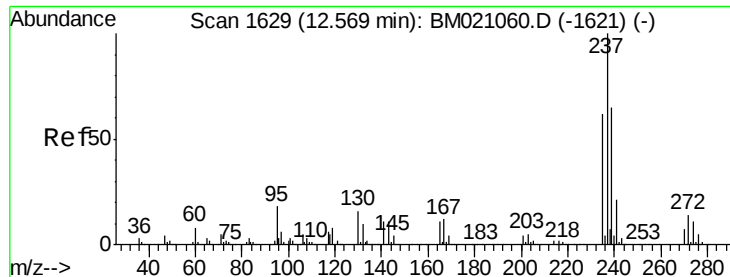
Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion:	216	Resp:	646047
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.0	94.6
179	20.6	16.4	24.6
108	15.1	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 14.089 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

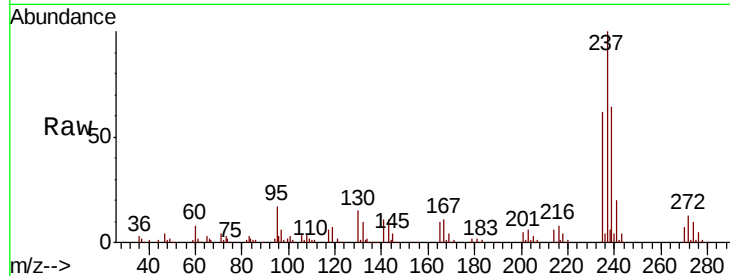
ClientSampleId :

LOQ-WATER-02-QT2-2019

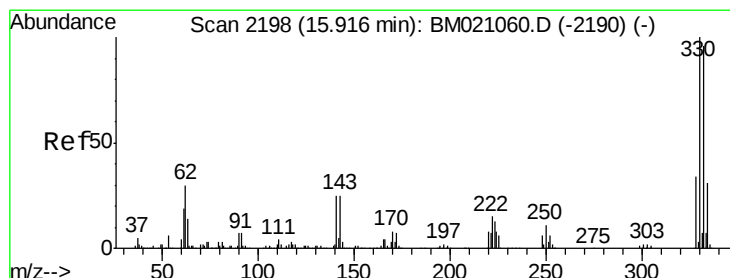
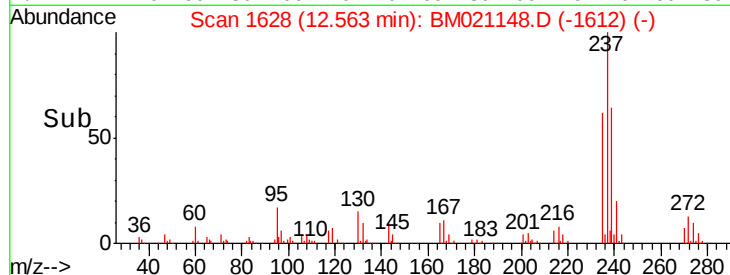
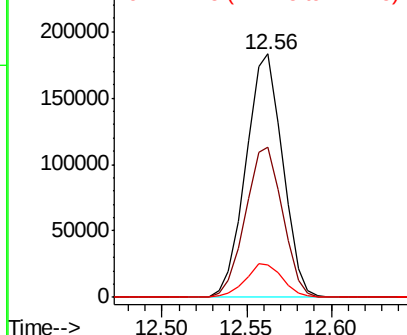
Tot Ion:	237	Resp:	277521
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.7	81.7
272	13.1	0.0	34.1

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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: 85.162 ng

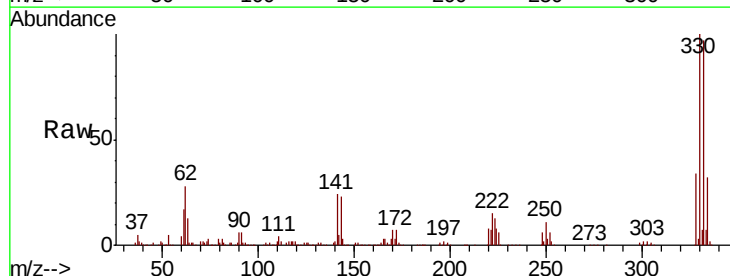
RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

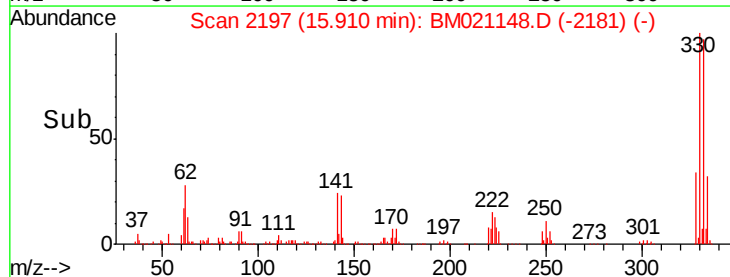
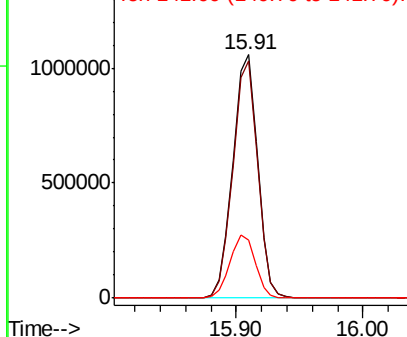
Lab File: BM021148.D

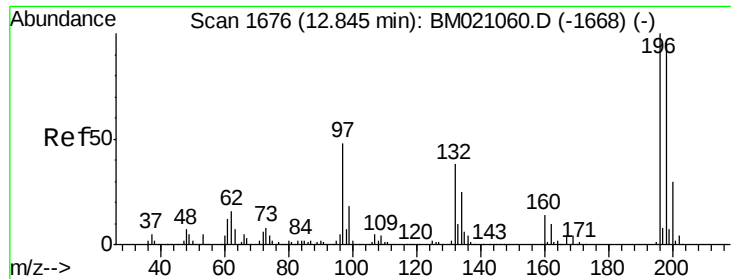
Acq: 24 Jun 2019 17:14

Tgt Ion:	330	Resp:	1434600
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.1	115.7
141	26.7	21.8	32.8



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





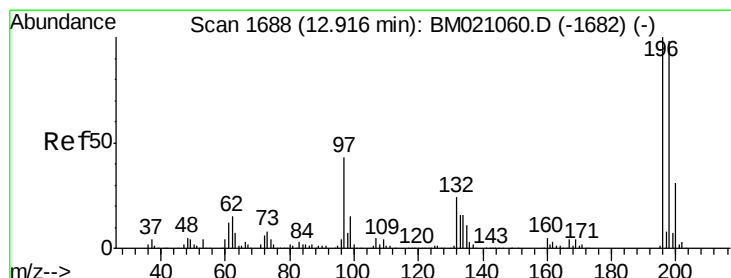
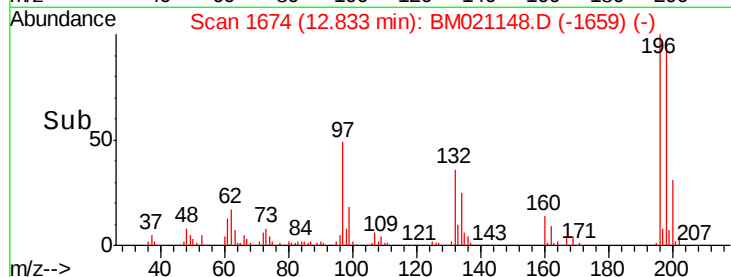
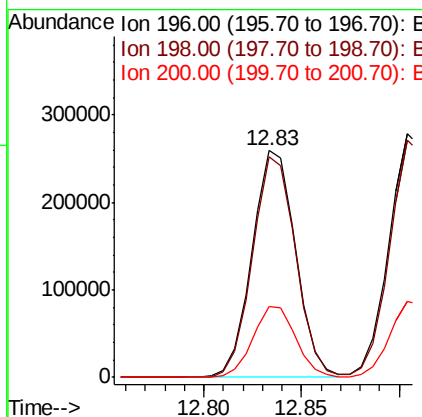
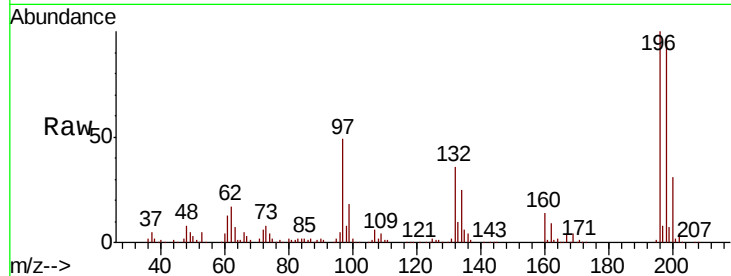
#43
 2,4,6-Trichlorophenol
 Concen: 17.801 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	400256		
198	97.3	76.7	115.1	
200	31.2	24.2	36.4	

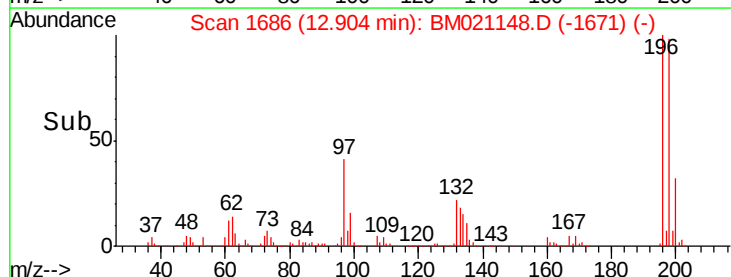
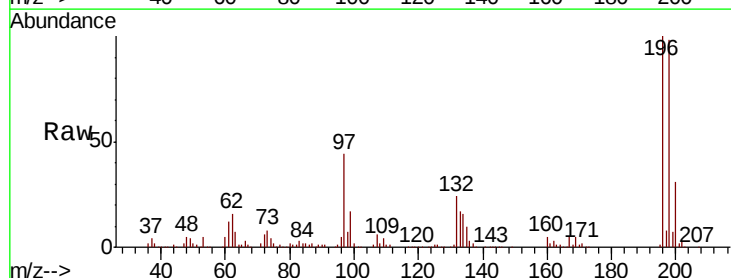
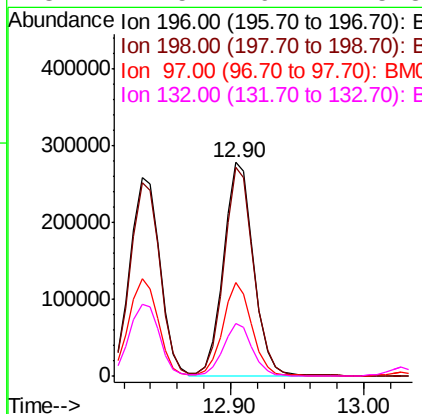
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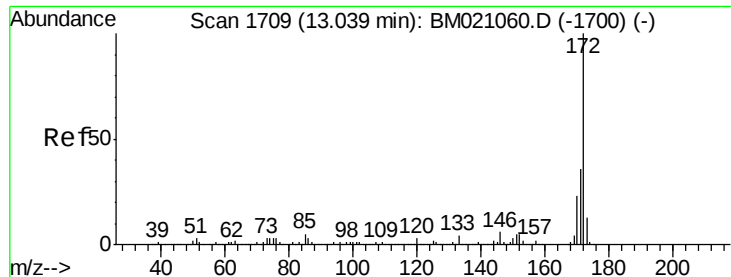
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#44
 2,4,5-Trichlorophenol
 Concen: 18.667 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	434654		
198	97.7	78.2	117.4	
97	44.0	34.1	51.1	
132	24.5	19.2	28.8	





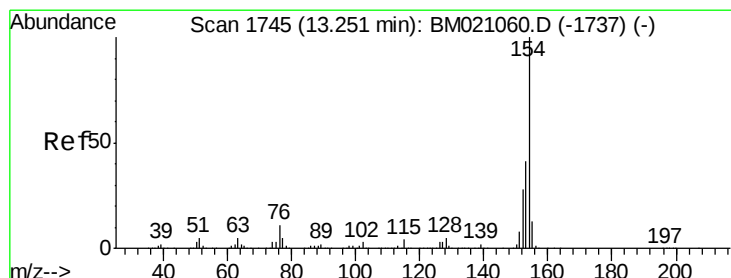
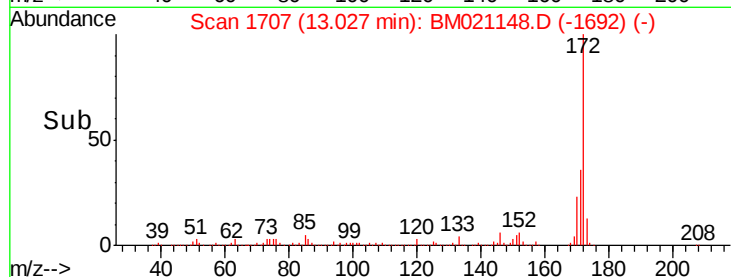
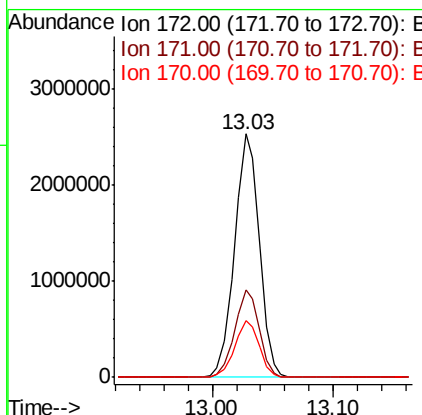
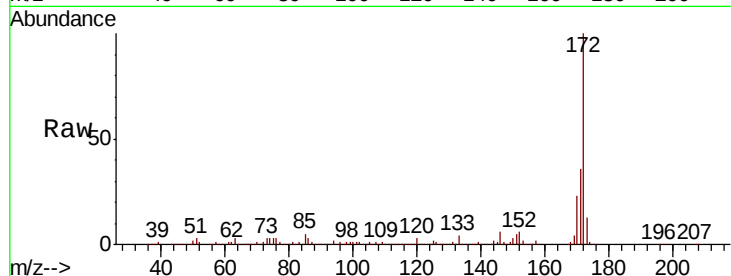
#45
2-Fluorobiphenyl
Concen: 49.320 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.2	18.7	28.1

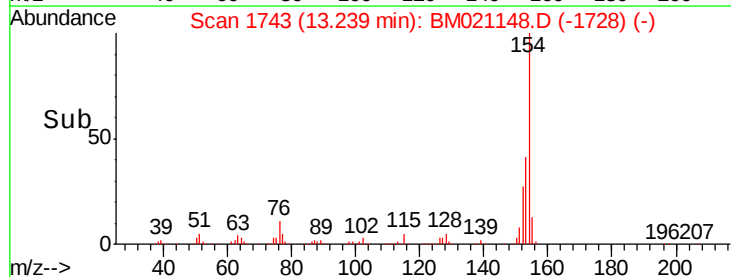
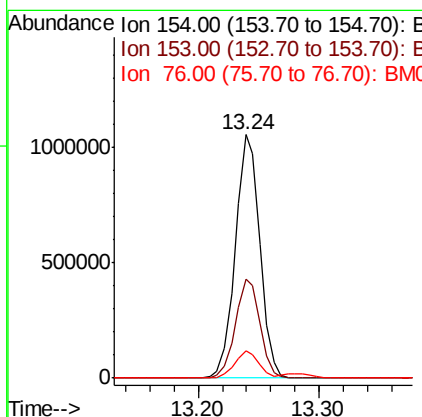
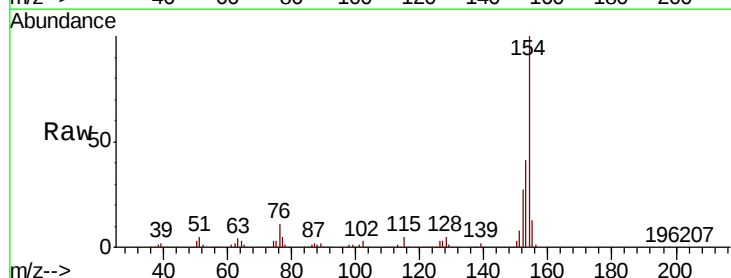
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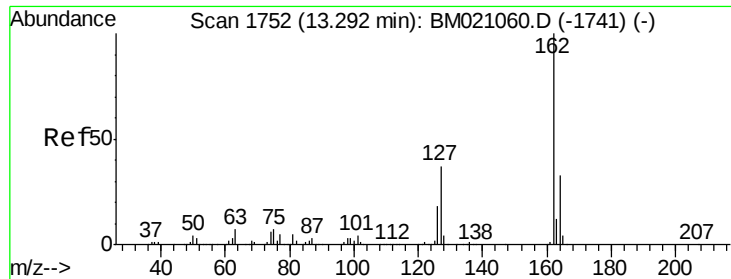
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#46
1,1'-Biphenyl
Concen: 19.383 ng
RT: 13.24 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	11.2	0.0	30.9





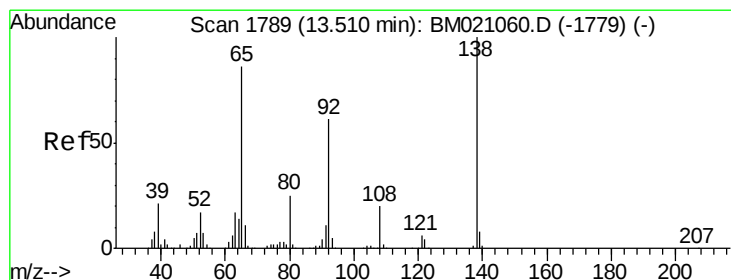
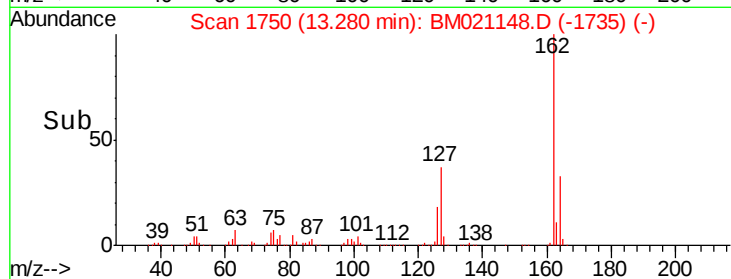
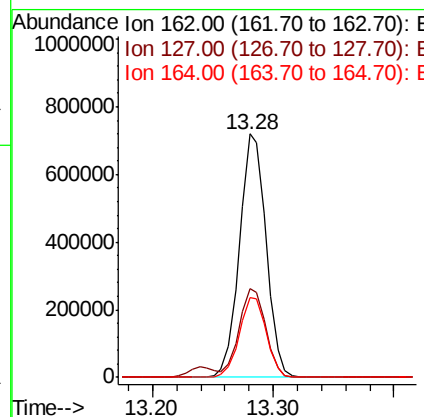
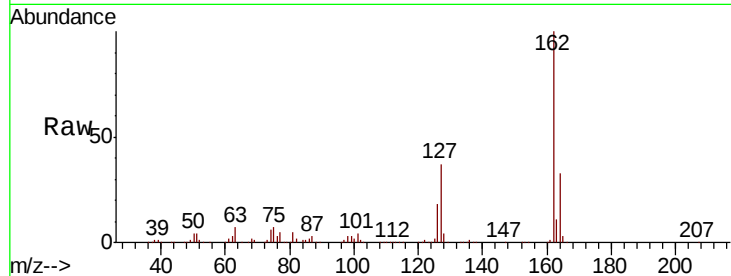
#47
 2-Chloronaphthalene
 Concen: 17.712 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	29.4	44.2
164	32.6	26.5	39.7

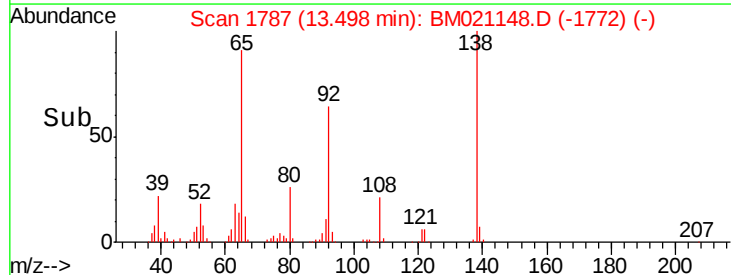
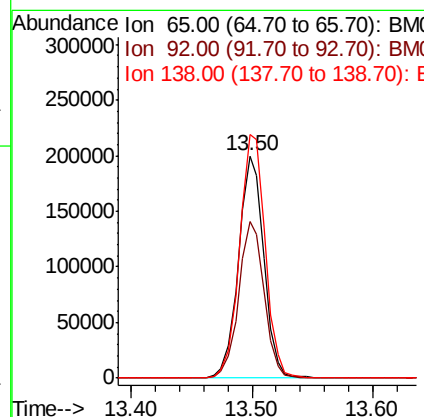
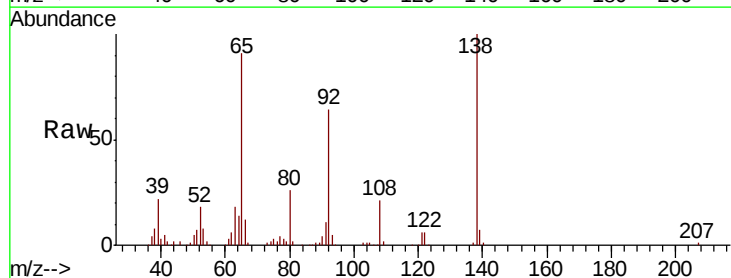
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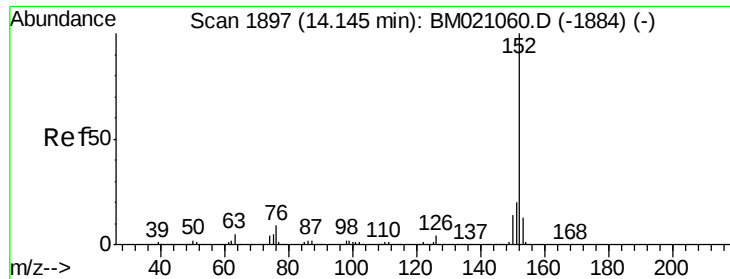
mohammad
 6/28/2019 8:26:06 AM



#48
 2-Nitroaniline
 Concen: 17.125 ng
 RT: 13.50 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.3	84.5
138	109.7	92.6	139.0





#49

Acenaphthylene

Concen: 18.481 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:152 Resp: 1755097

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

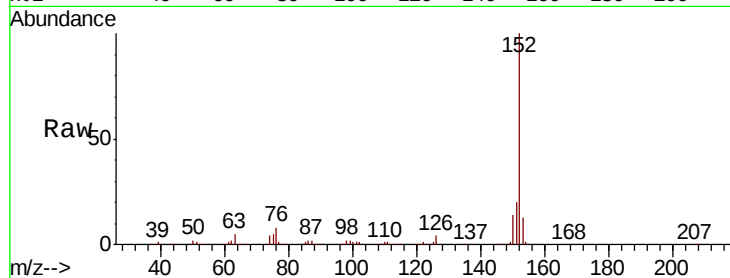
153 13.2 10.6 16.0

Manual Integrations

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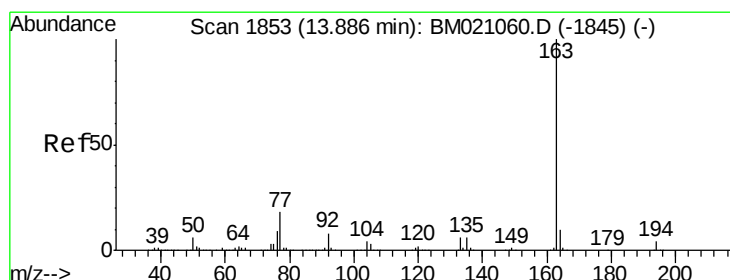
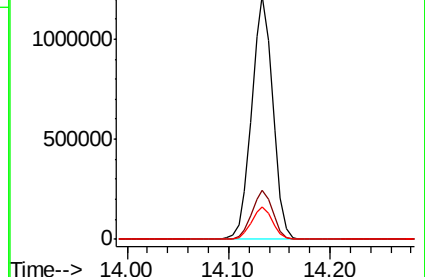
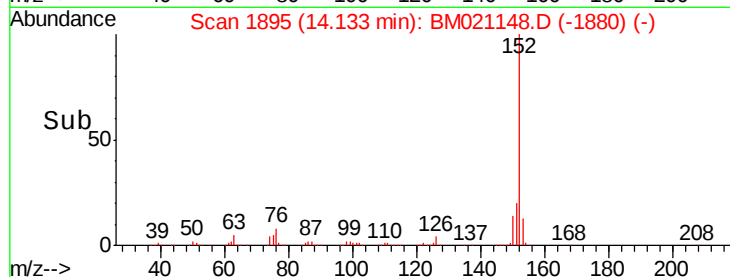
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 18.207 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

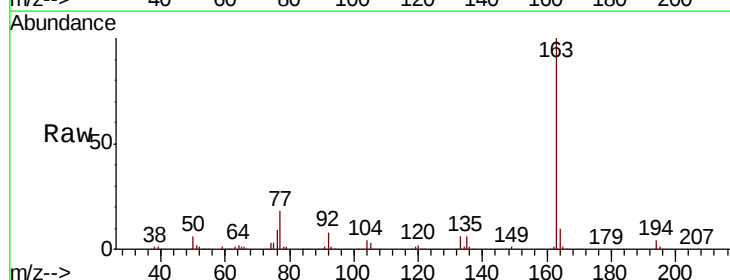
Tgt Ion:163 Resp: 1453273

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

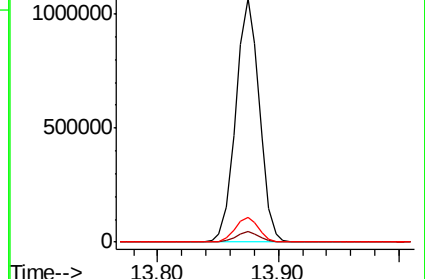
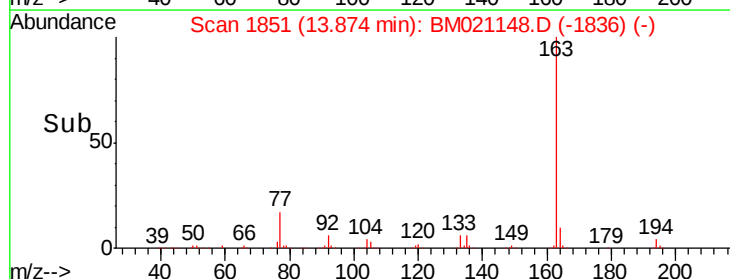
164 9.9 8.2 12.2

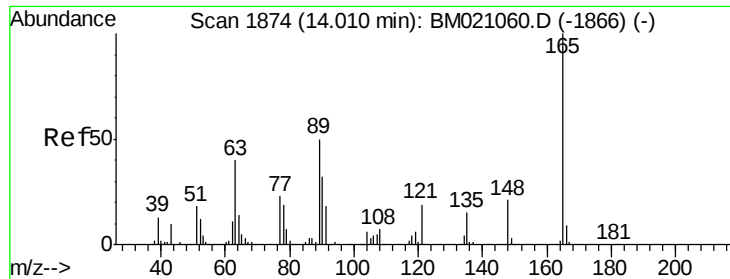


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





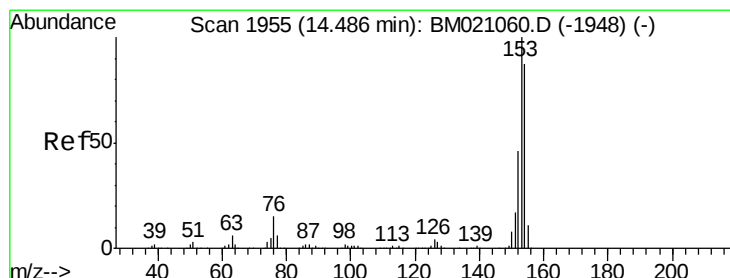
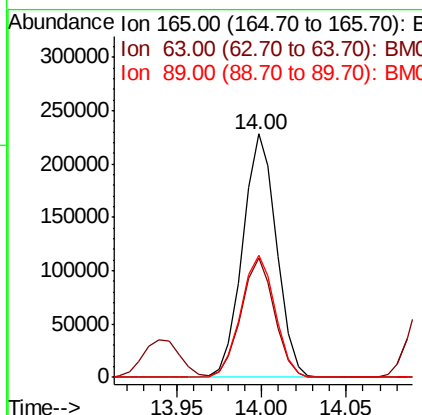
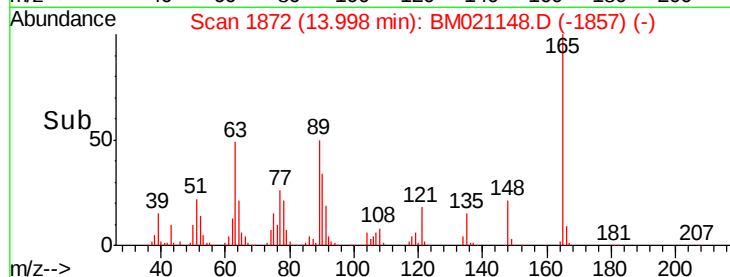
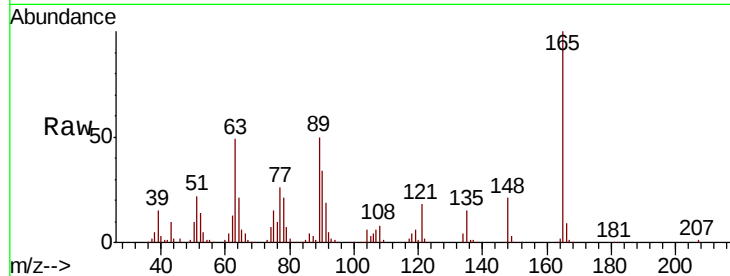
#51
 2,6-Dinitrotoluene
 Concen: 18.475 ng
 RT: 14.00 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.9	37.8	56.6
89	50.0	39.7	59.5

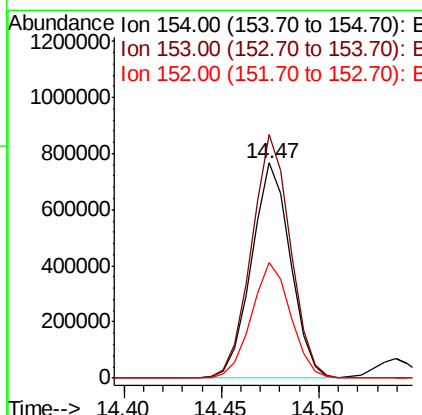
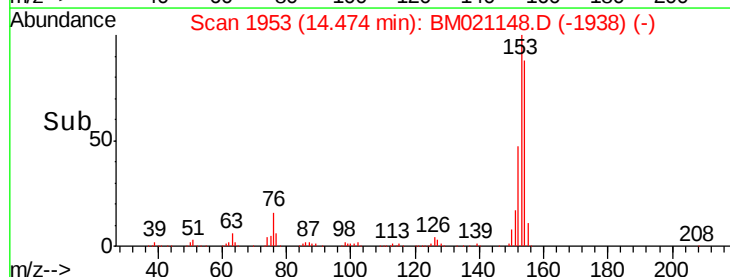
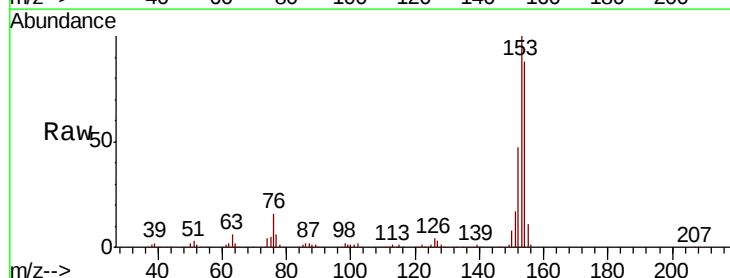
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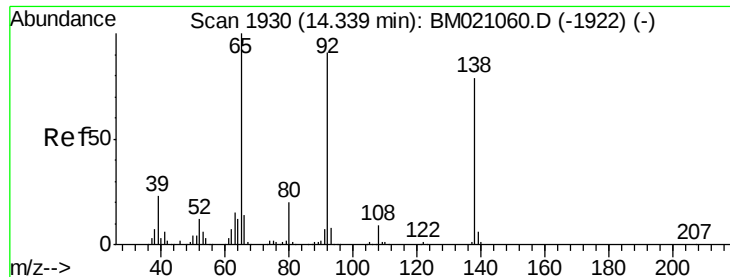
mohammad
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#52
 Acenaphthene
 Concen: 18.411 ng
 RT: 14.47 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.5	137.3
152	53.6	42.3	63.5





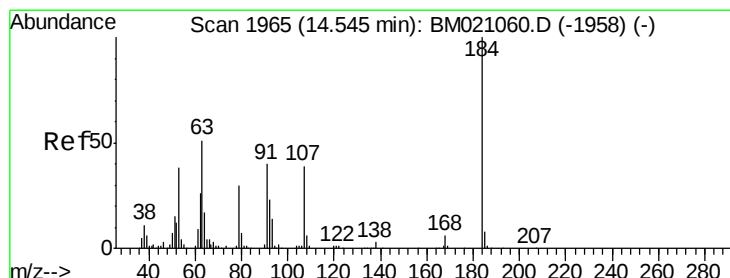
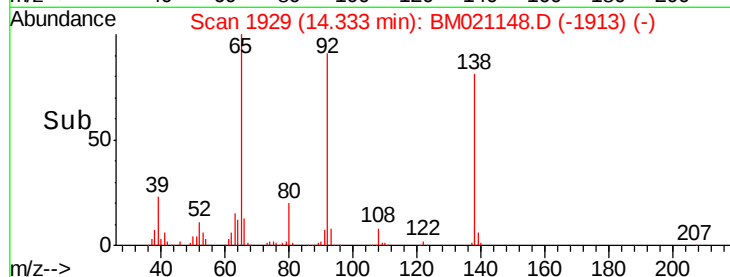
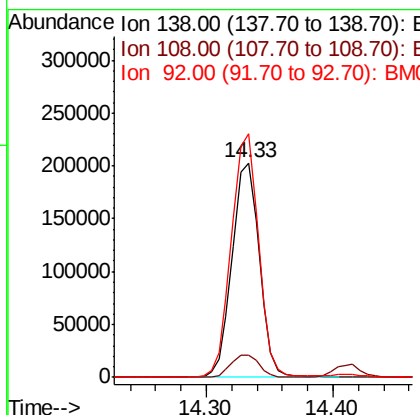
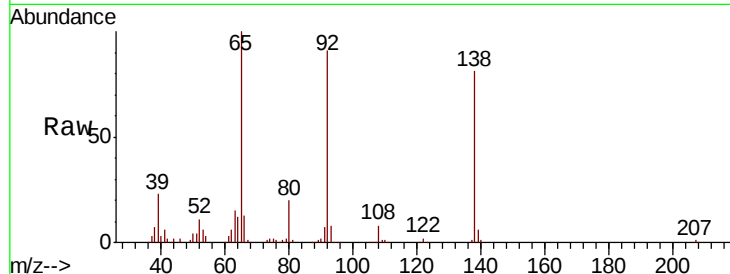
#53
3-Nitroaniline
Concen: 17.274 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.0	13.4
92	113.5	92.2	138.2

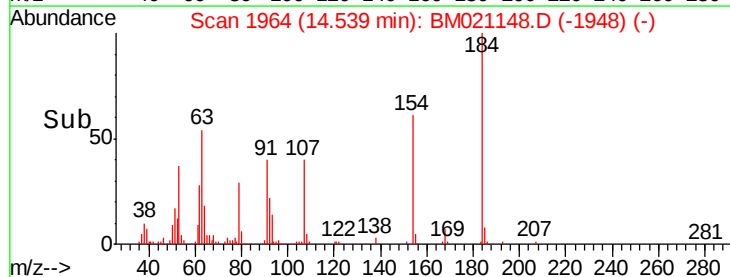
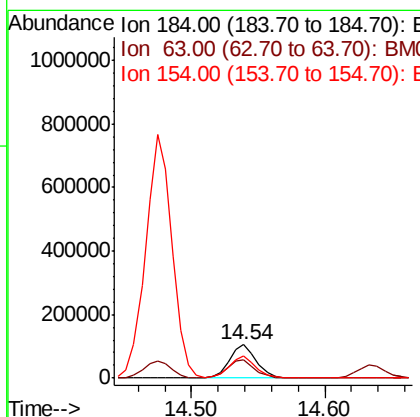
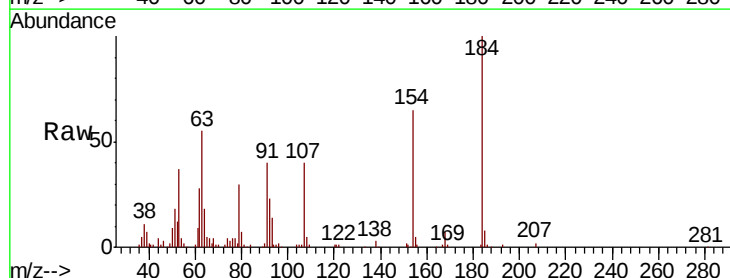
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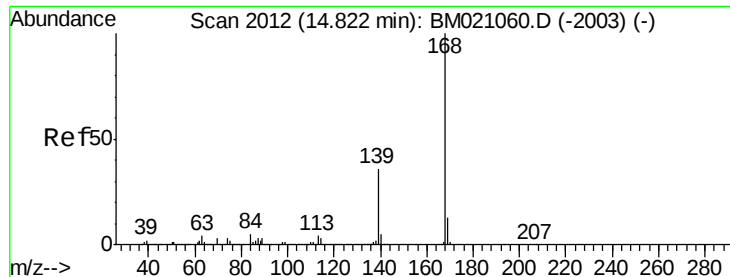
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#54
2,4-Dinitrophenol
Concen: 15.987 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.8	45.5	68.3
154	65.2	50.6	76.0





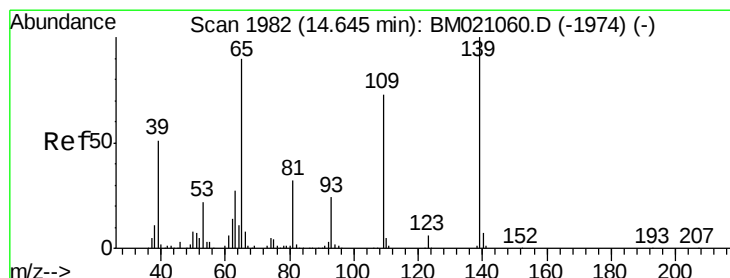
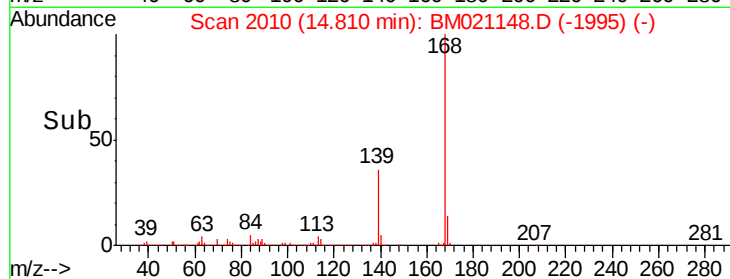
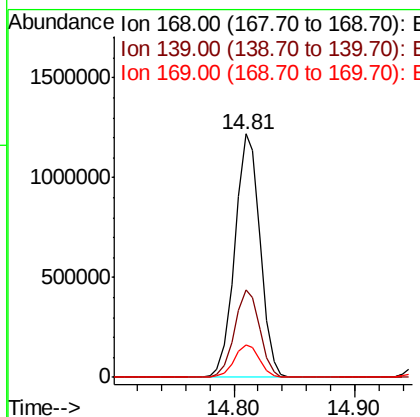
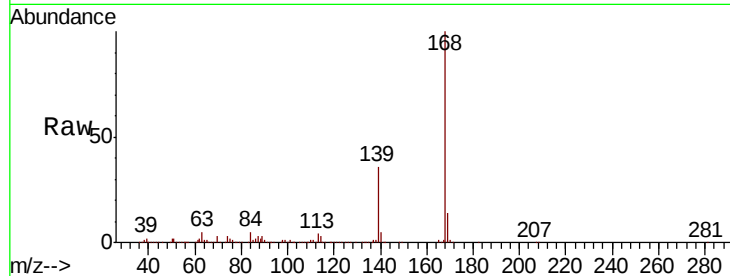
#55
Dibenzenofuran
Concen: 18.895 ng
RT: 14.81 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

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

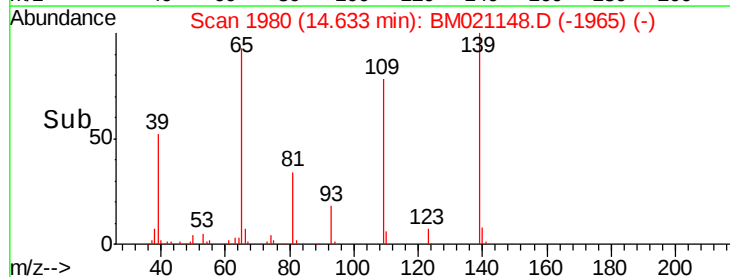
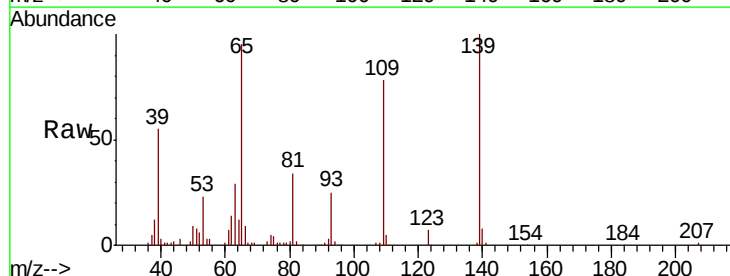
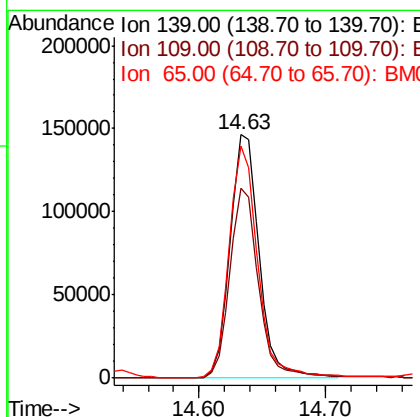
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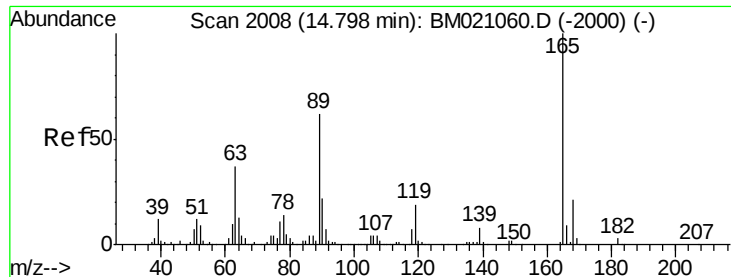
mohammad
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#56
4-Nitrophenol
Concen: 17.370 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.0	53.3	93.3
65	95.3	70.3	110.3





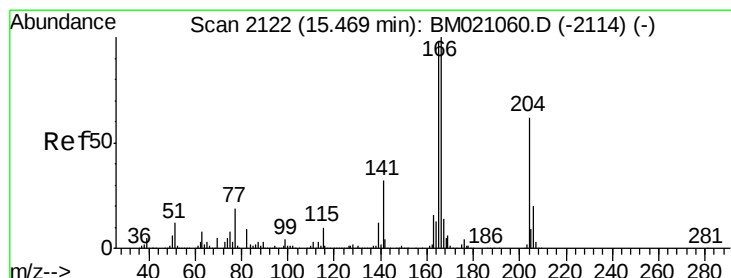
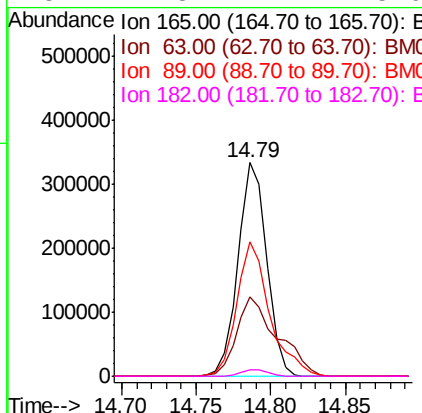
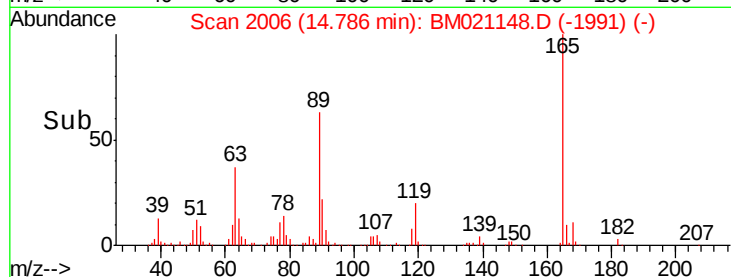
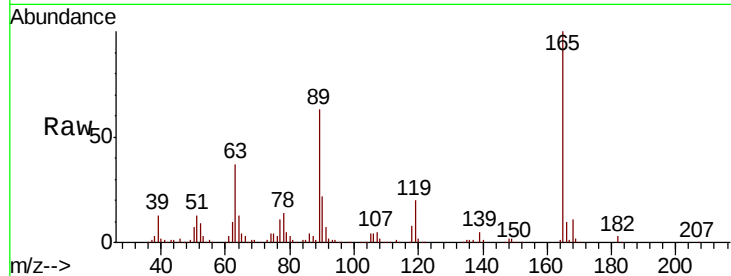
#57
2,4-Dinitrotoluene
Concen: 18.819 ng
RT: 14.79 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	446212		
63	37.2	29.6	44.4	
89	62.8	49.5	74.3	
182	2.8	2.4	3.6	

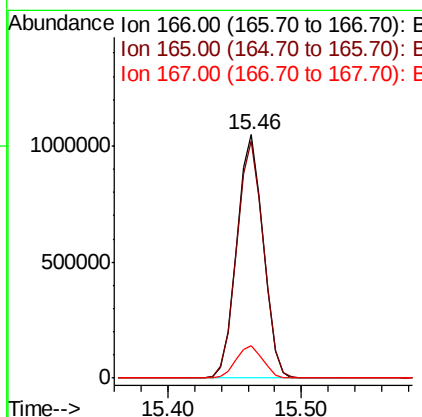
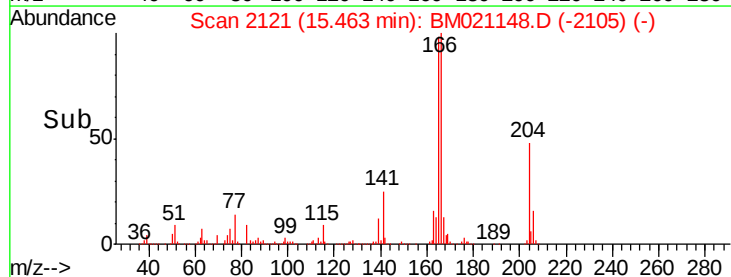
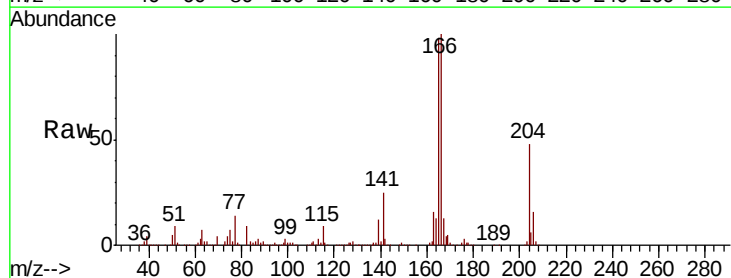
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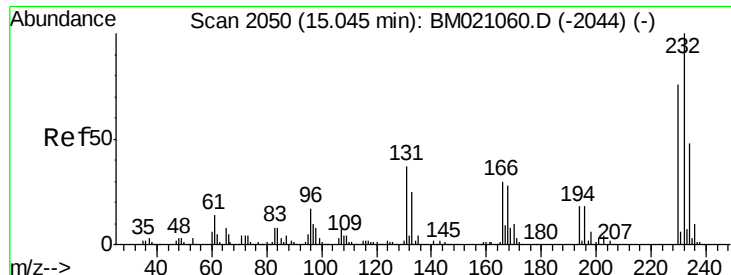
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#58
Fluorene
Concen: 18.873 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1441345		
165	97.7	78.6	117.8	
167	13.4	10.9	16.3	





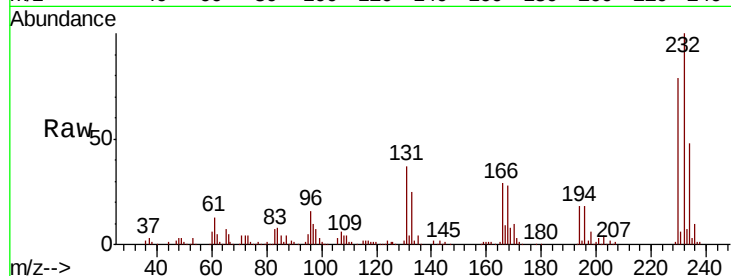
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.196 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

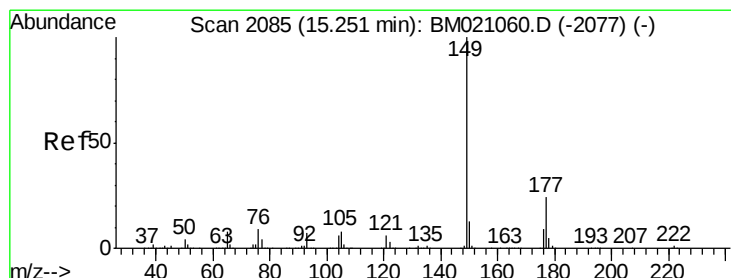
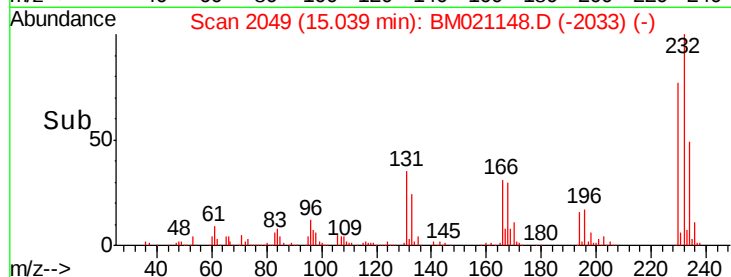
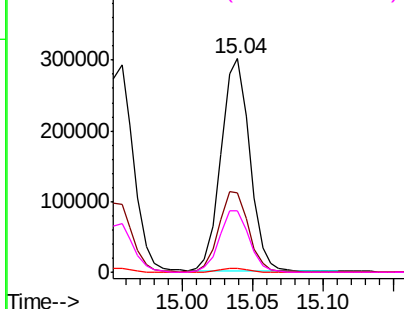
Tot Ion	Ratio	Lower	Upper
232	100		
131	38.7	30.6	46.0
130	2.1	1.7	2.5
166	29.5	23.4	35.0

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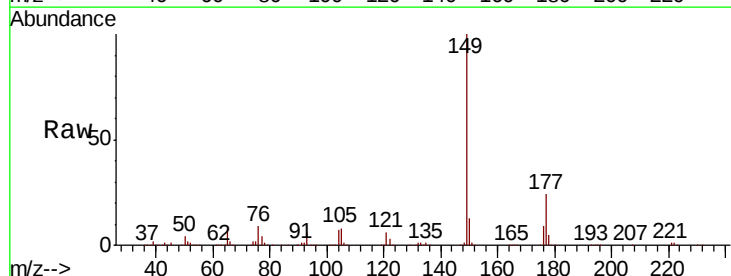


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

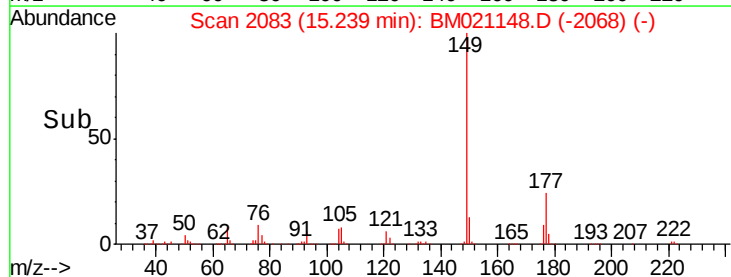
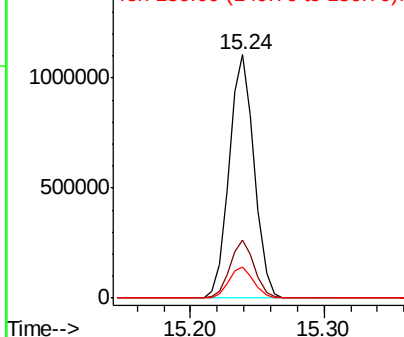


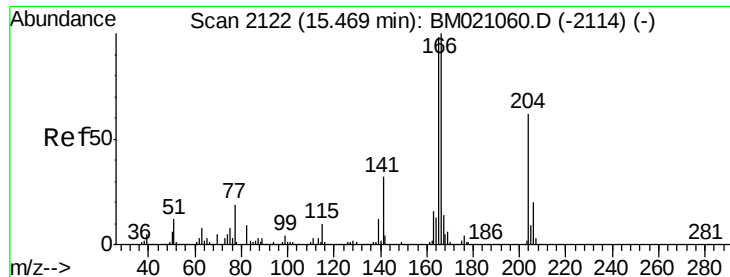
#60
Diethylphthalate
Concen: 18.351 ng
RT: 15.24 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.1	28.7
150	12.8	10.1	15.1



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





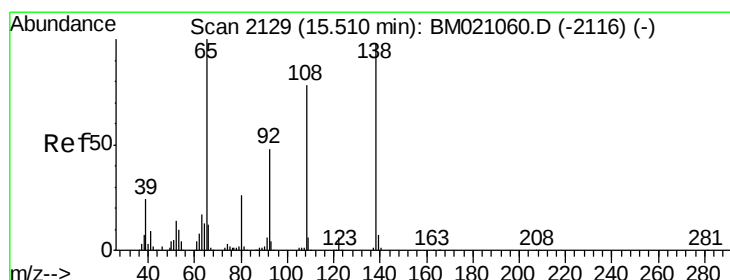
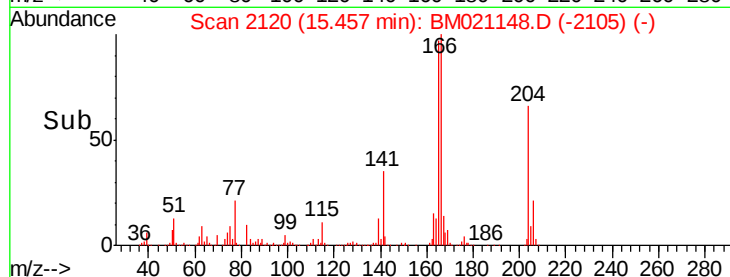
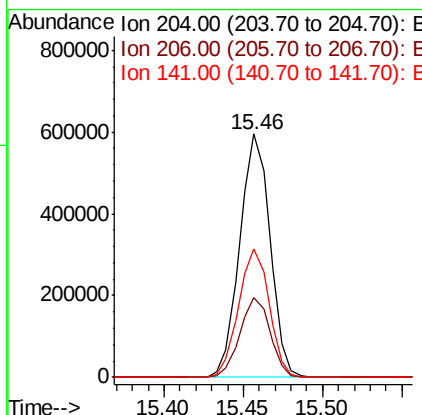
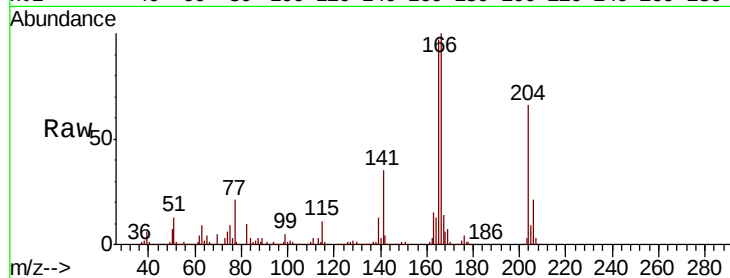
#61
4-Chlorophenyl-phenylether
Concen: 18.306 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
204	100	789815		
206	32.7		26.1	39.1
141	52.7		40.7	61.1

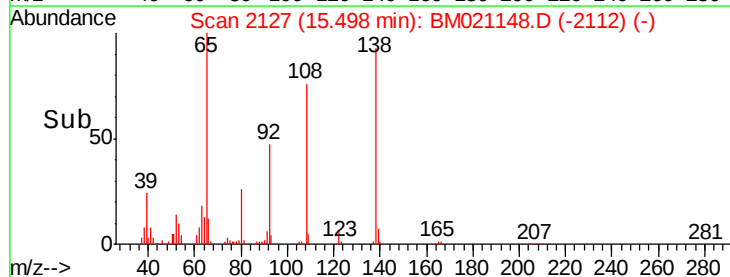
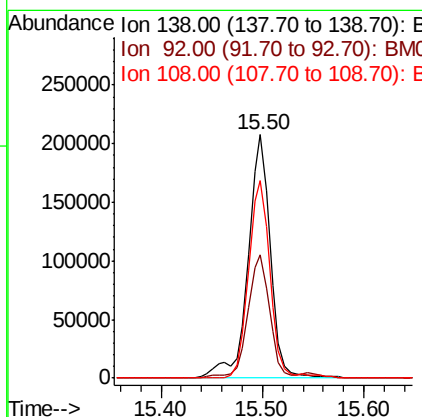
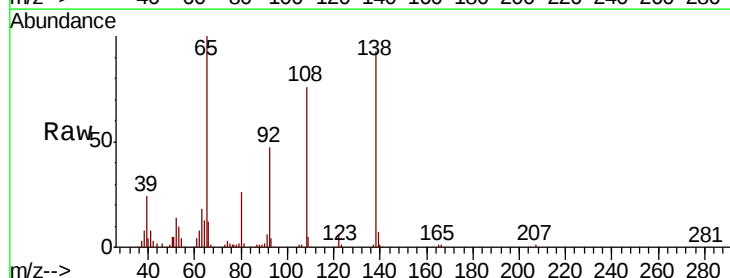
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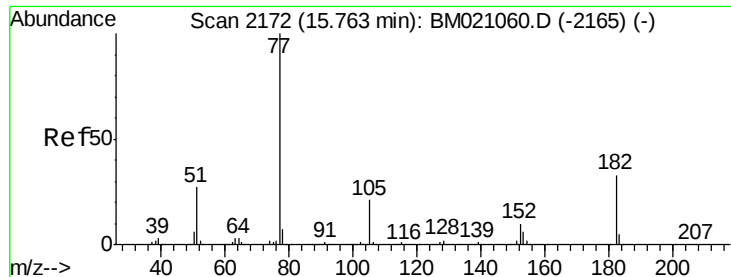
mohammad
6/28/2019 8:26:06 AM



#62
4-Nitroaniline
Concen: 17.262 ng
RT: 15.50 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	317167		
92	50.5		29.1	69.1
108	81.2		59.2	99.2





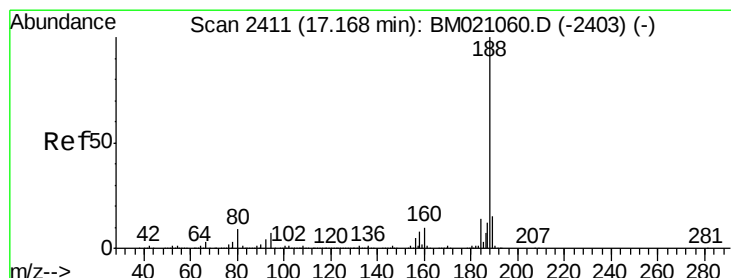
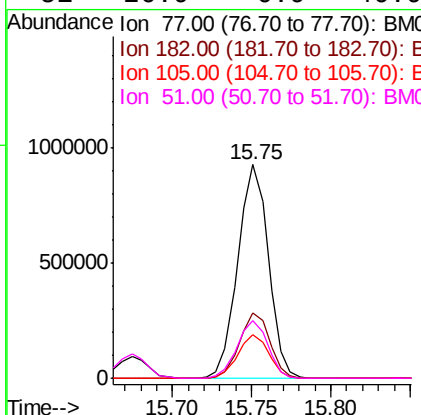
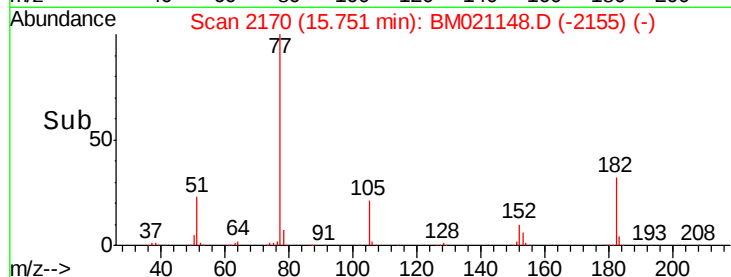
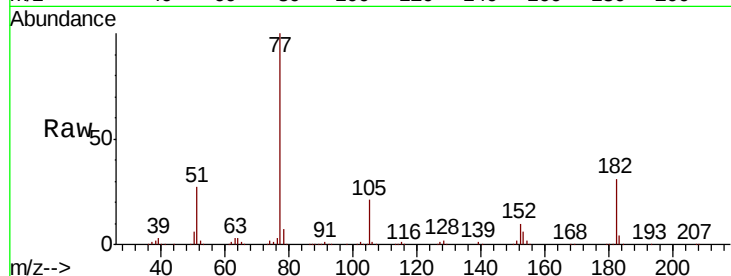
#63
Azobenzene
Concen: 19.169 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.8	12.6	52.6
105	20.5	1.1	41.1
51	26.9	6.9	46.9

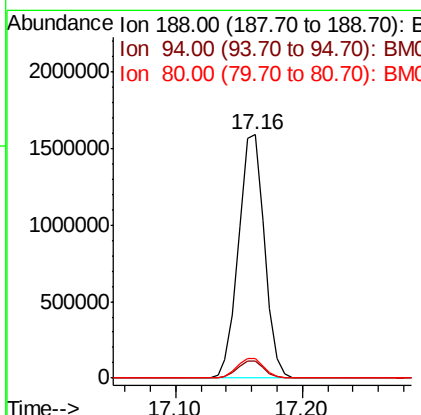
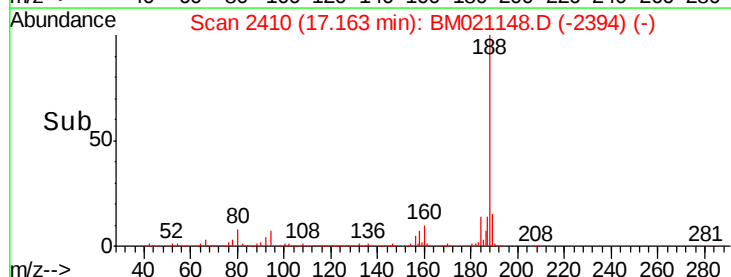
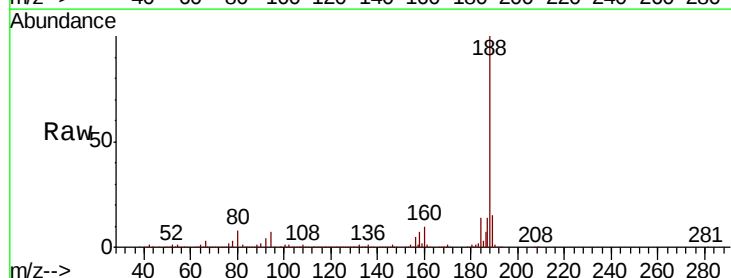
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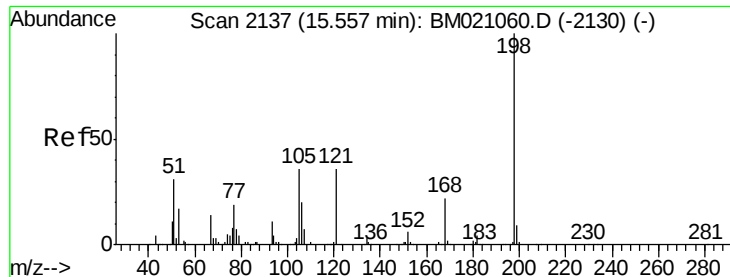
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.8
80	7.9	6.9	10.3





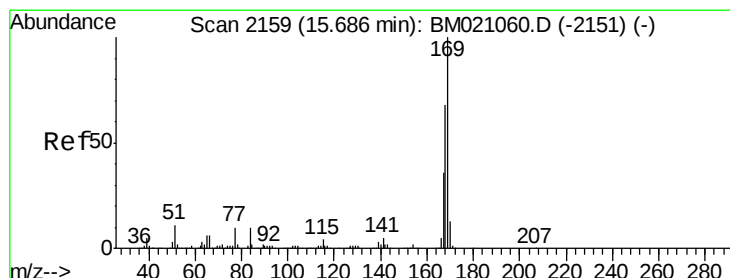
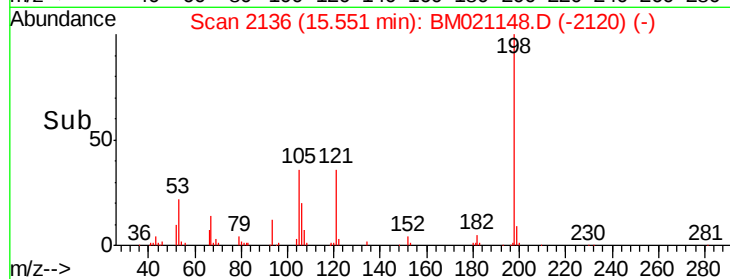
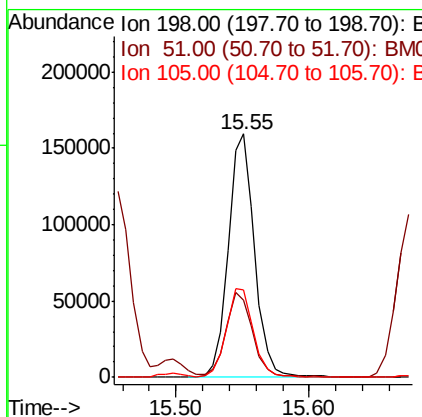
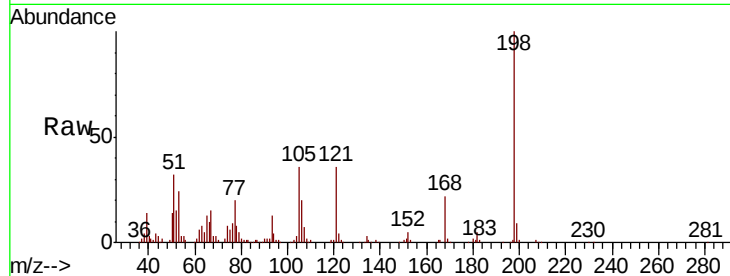
#65
4,6-Dinitro-2-methylphenol
Concen: 15.851 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Resp	Lower	Upper
198	100	219380		
51	31.6		15.3	55.3
105	36.0		16.8	56.8

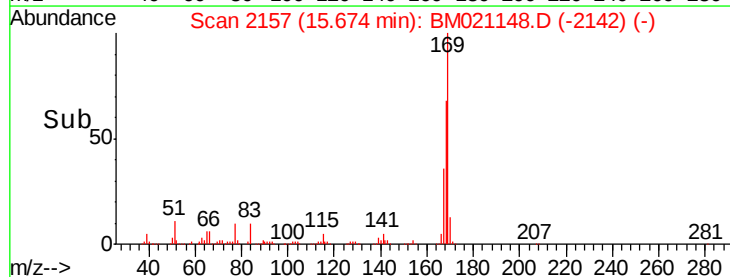
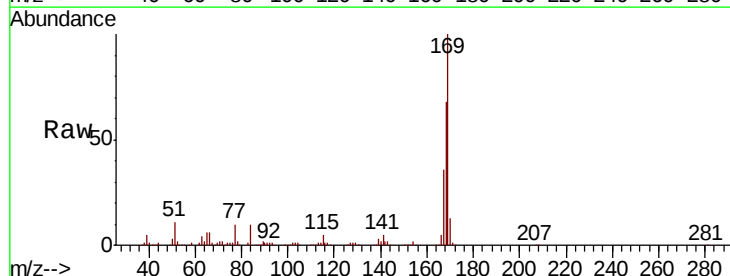
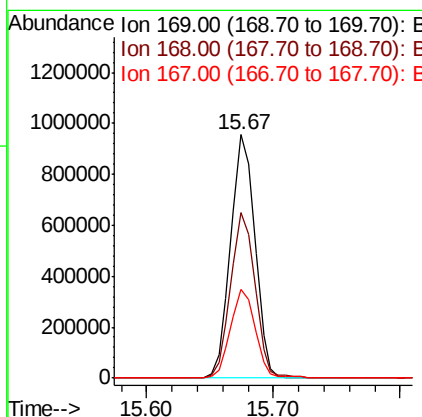
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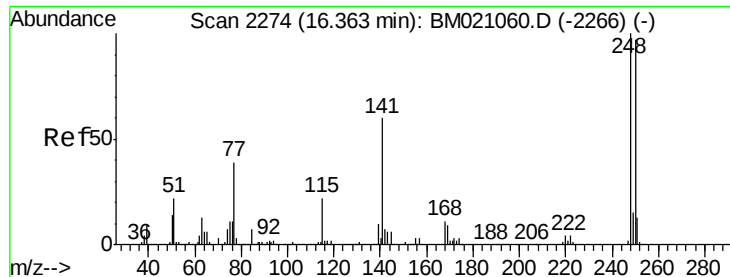
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#66
n-Nitrosodiphenylamine
Concen: 17.920 ng
RT: 15.67 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1267919		
168	68.1		54.5	81.7
167	36.3		29.0	43.6





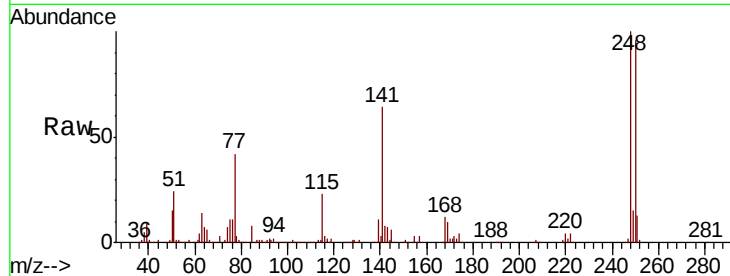
#67
4-Bromophenyl-phenylether
Concen: 17.065 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.5	116.3
141	63.6	47.8	71.6

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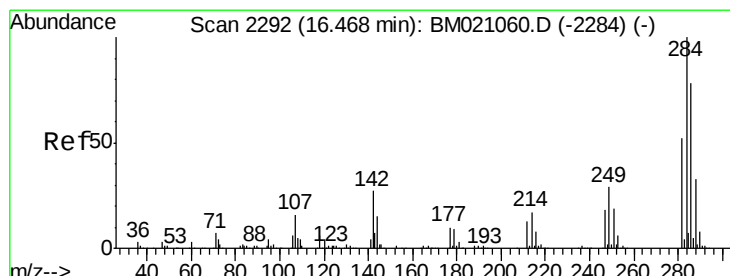
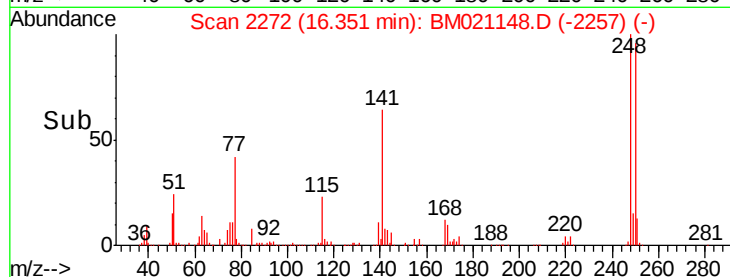
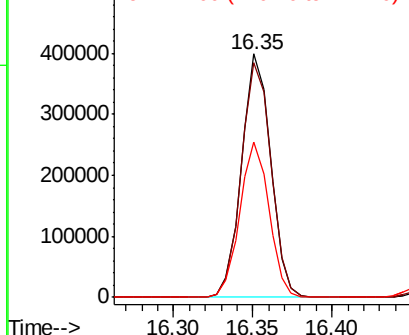


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 17.019 ng
RT: 16.46 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

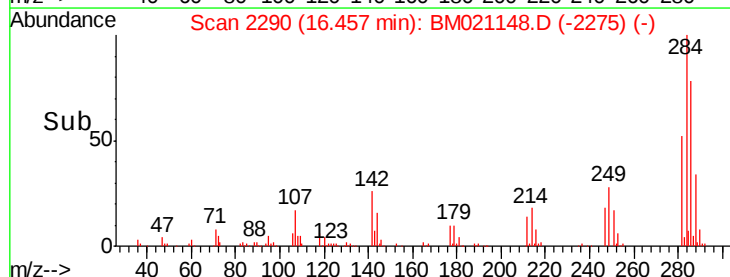
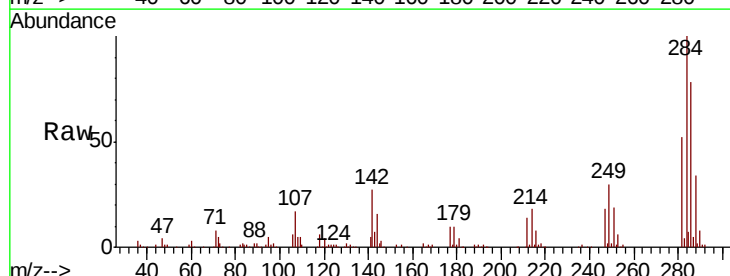
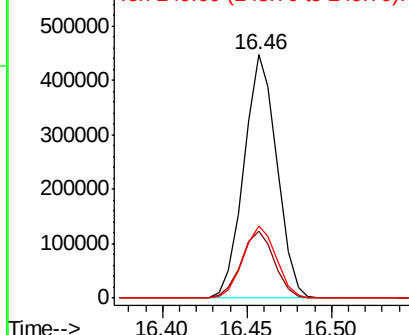
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	21.2	31.8
249	29.7	23.4	35.0

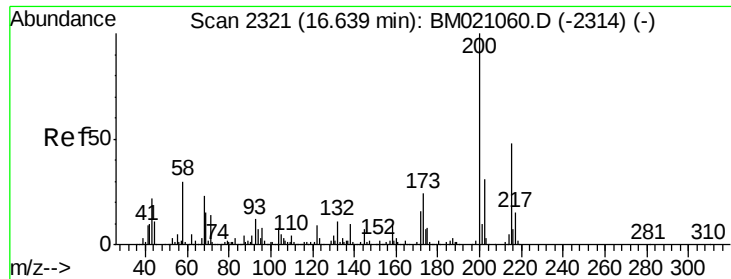
Abundance

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





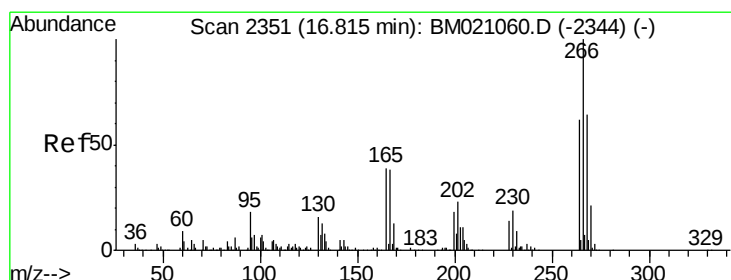
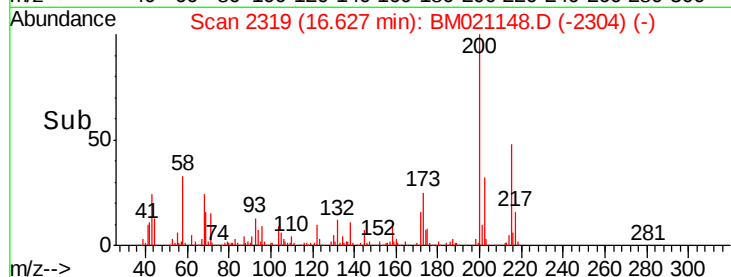
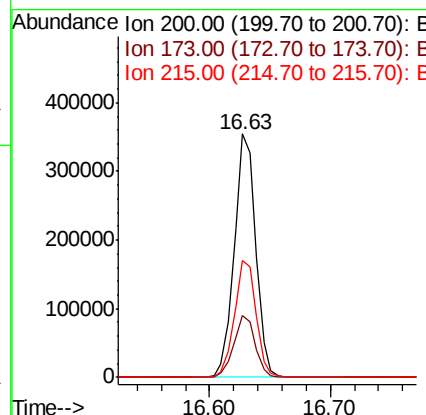
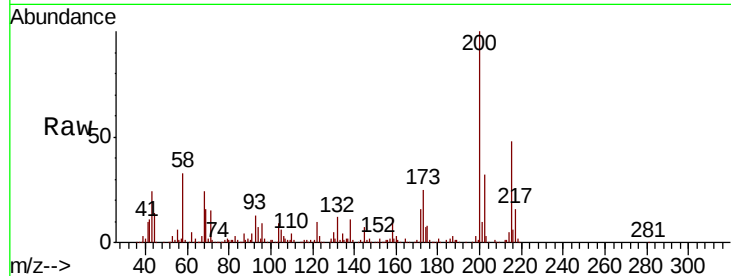
#69
Atrazine
Concen: 19.104 ng
RT: 16.63 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	4.3	44.3
215	47.8	28.2	68.2

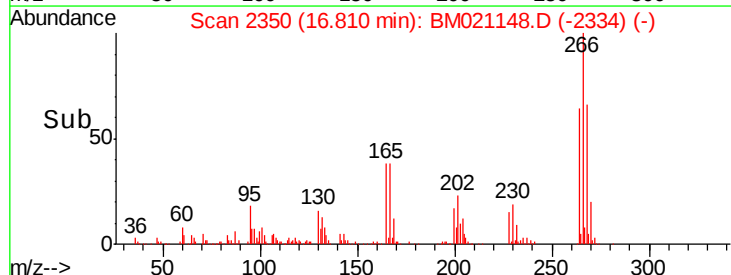
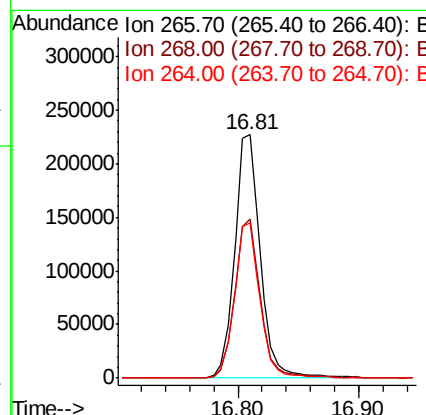
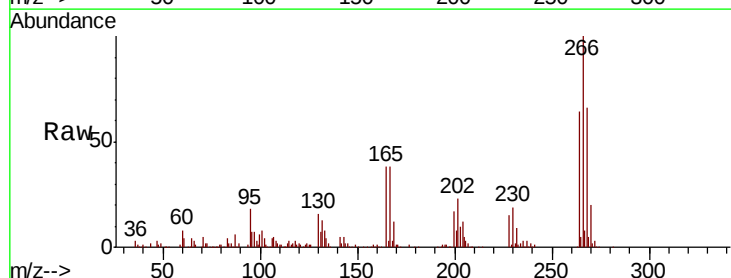
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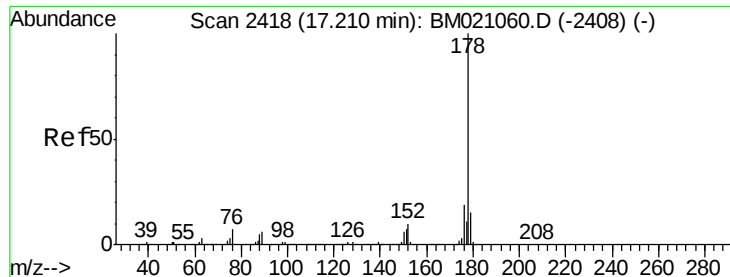
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#70
Pentachlorophenol
Concen: 17.448 ng
RT: 16.81 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.0	76.4
264	63.6	49.9	74.9





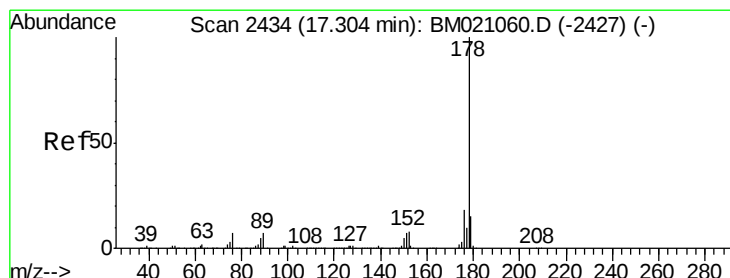
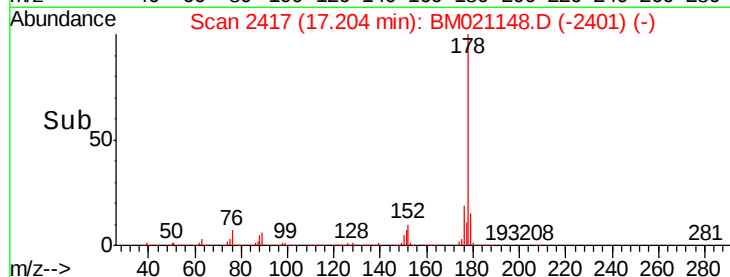
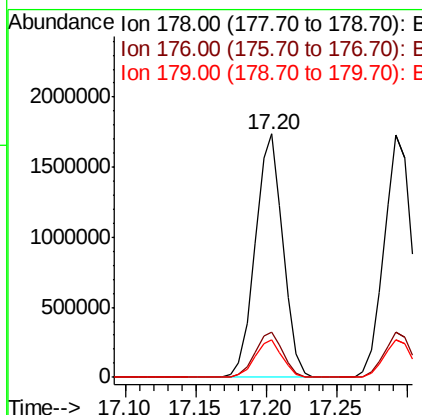
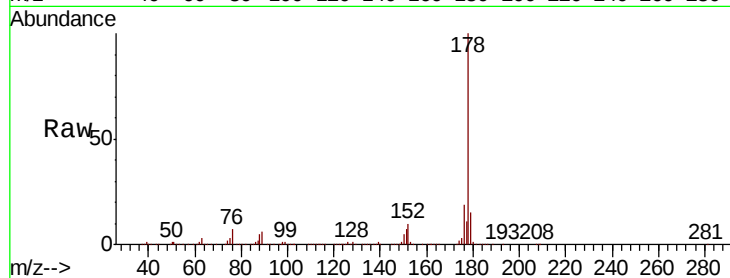
#71
Phenanthrene
Concen: 18.479 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.3	12.2	18.4

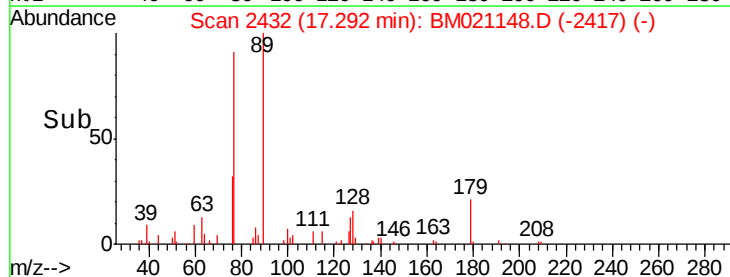
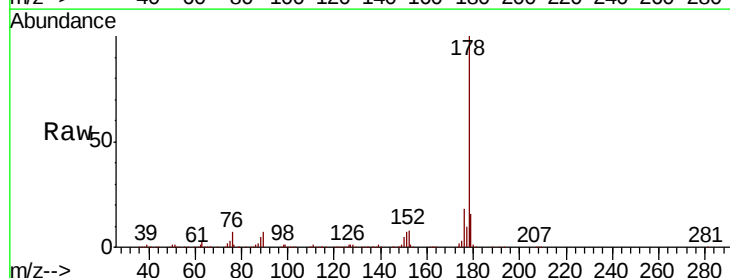
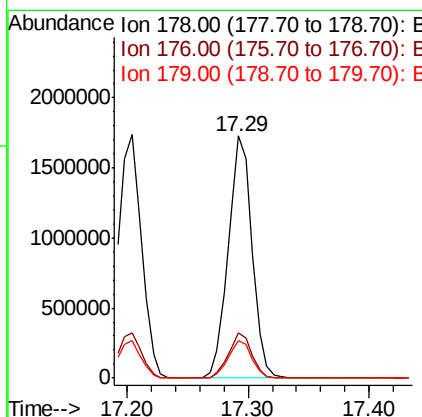
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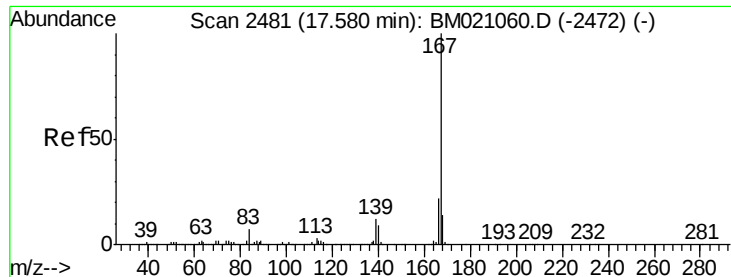
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#72
Anthracene
Concen: 18.430 ng
RT: 17.29 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.6	12.2	18.2





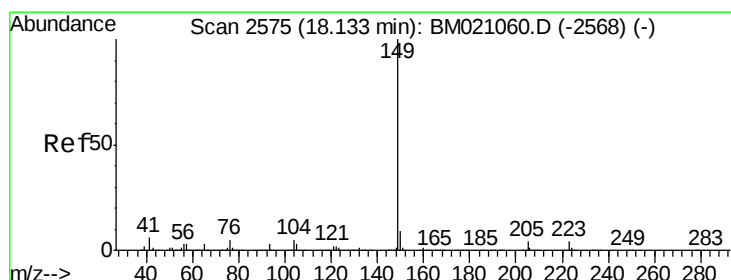
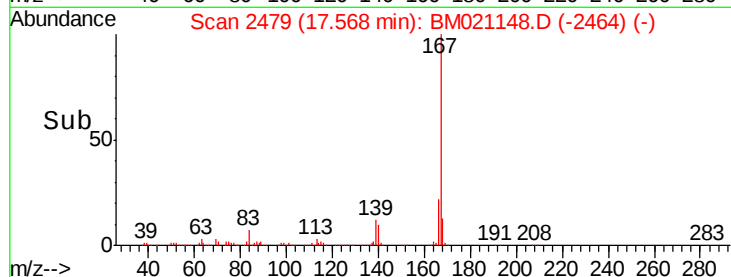
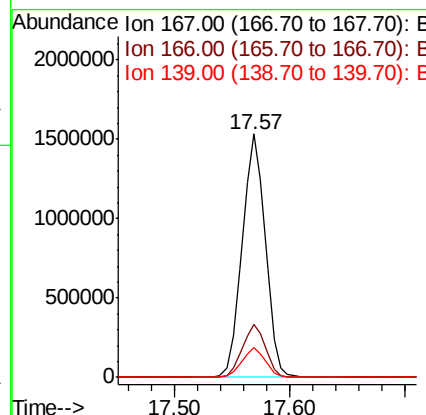
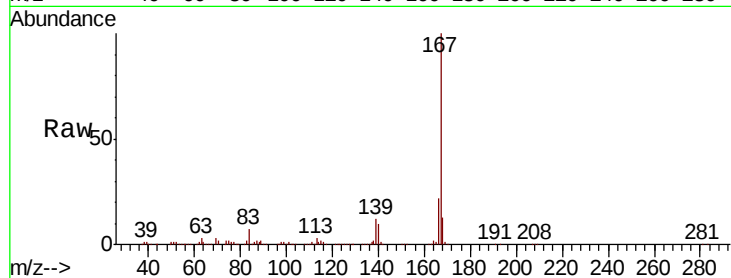
#73
 Carbazole
 Concen: 18.794 ng
 RT: 17.57 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	12.1	9.7	14.5

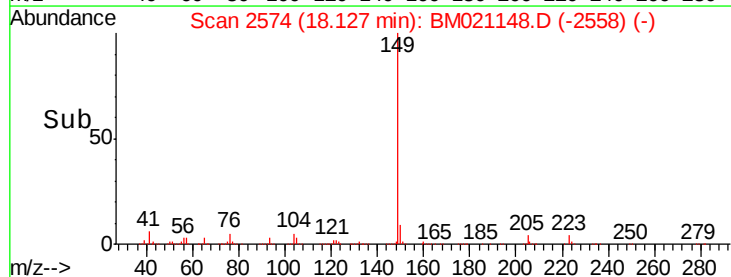
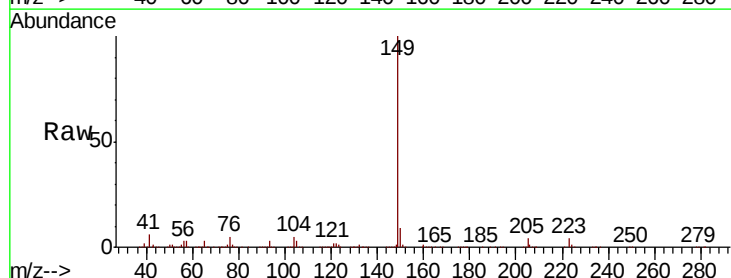
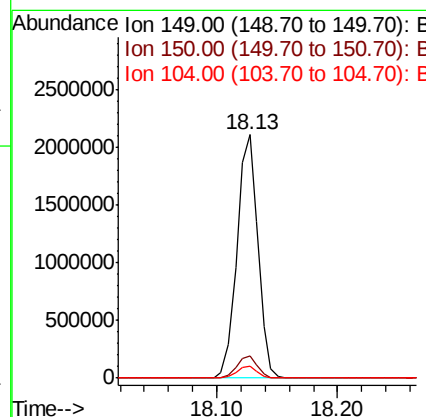
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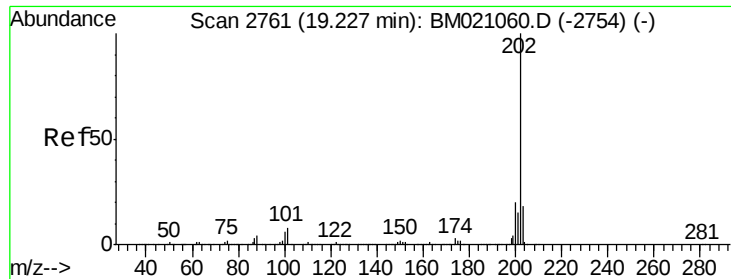
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#74
 Di-n-butylphthalate
 Concen: 18.324 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BM021148.D
 Acq: 24 Jun 2019 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 19.564 ng

RT: 19.22 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

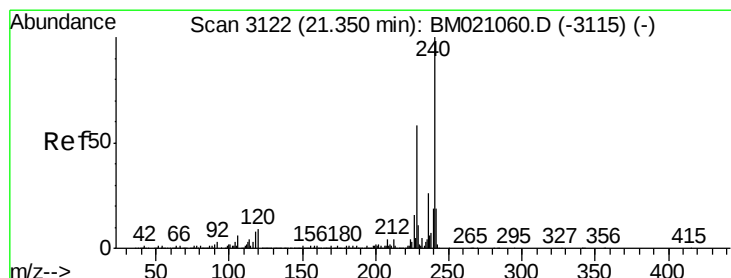
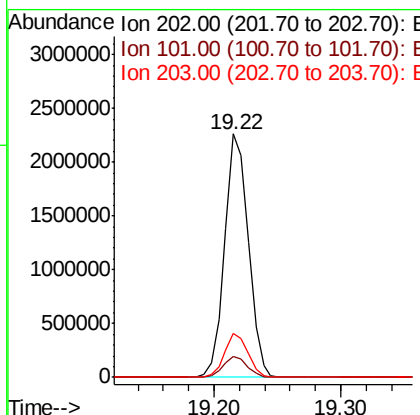
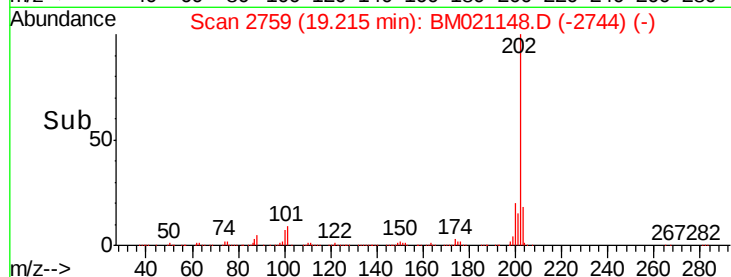
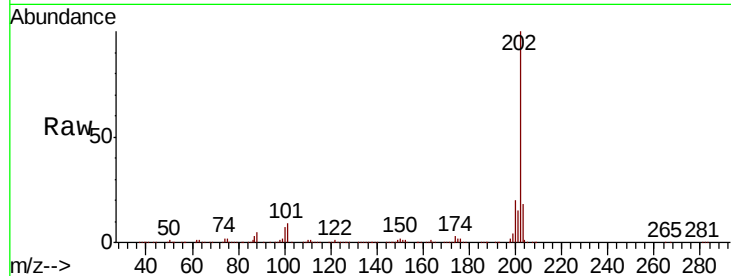
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	202	Resp:	2922753
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.2
203	17.8	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

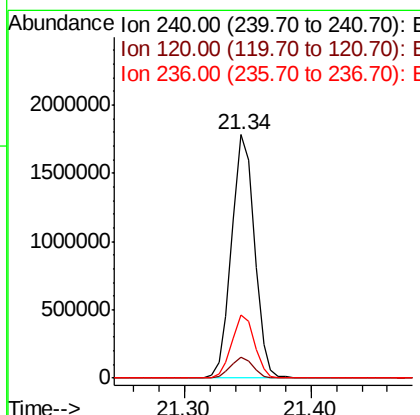
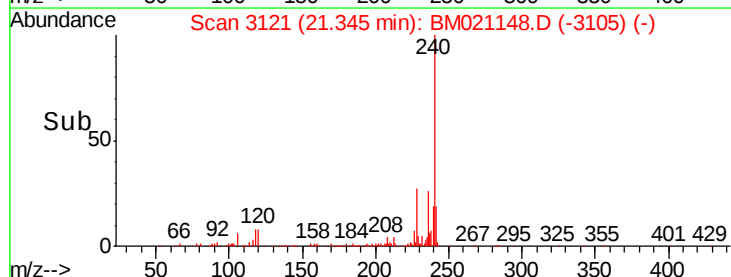
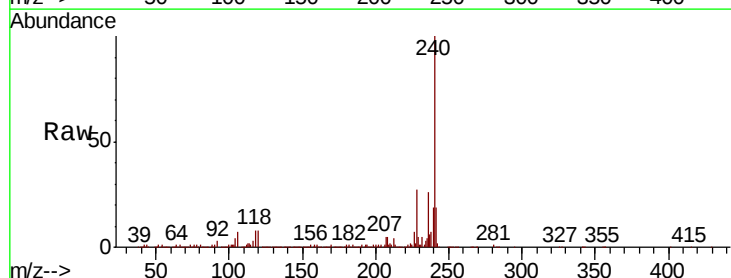
RT: 21.34 min Scan# 3121

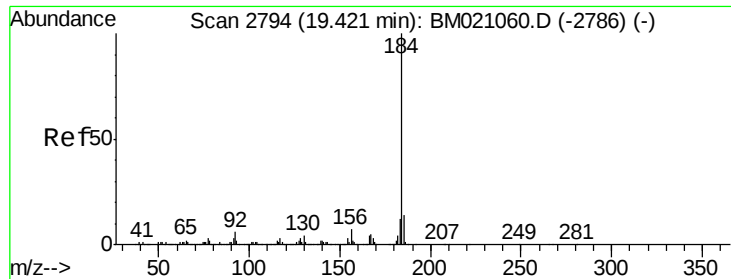
Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion:	240	Resp:	2219773
Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.2	20.4	30.6





#77

Benzidine

Concen: 12.553 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

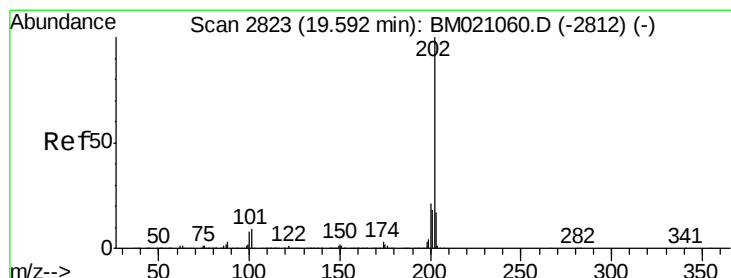
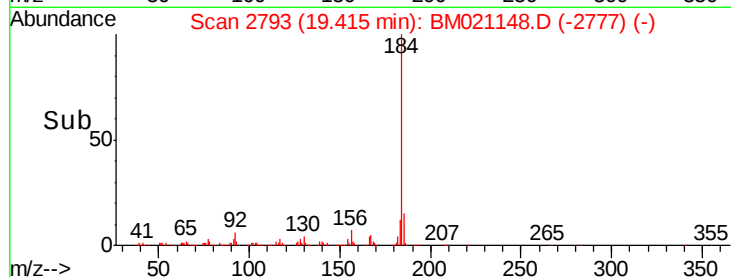
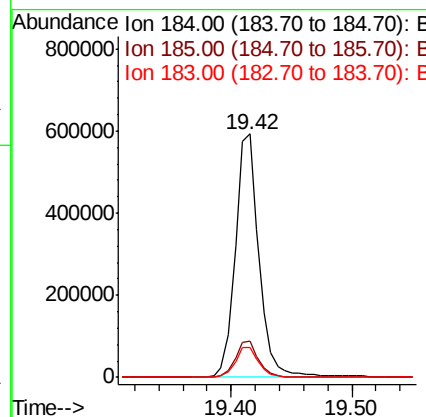
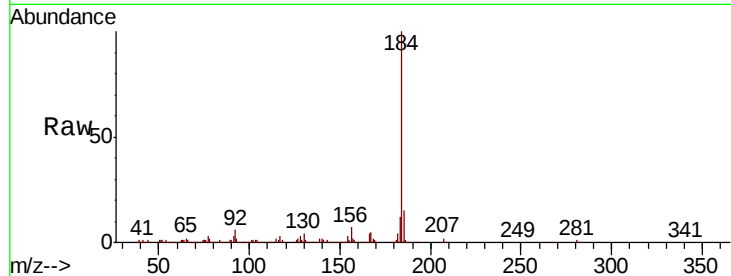
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	184	Resp:	809145
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.4	17.2
183	12.1	9.6	14.4

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#78

Pyrene

Concen: 18.528 ng

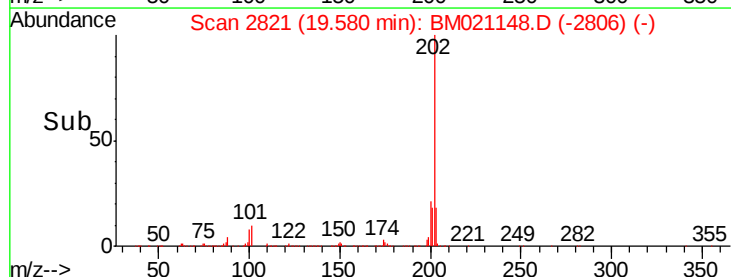
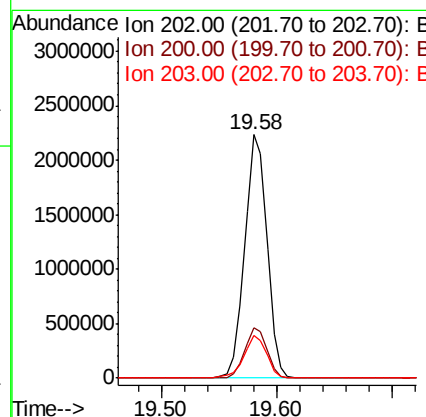
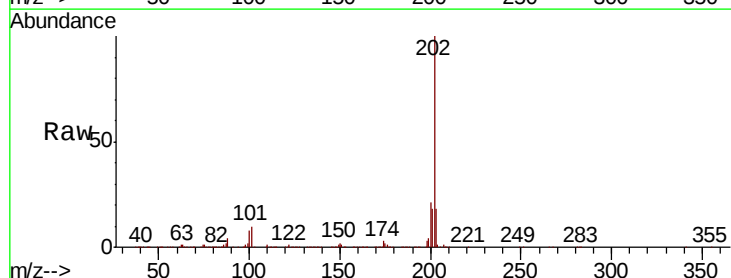
RT: 19.58 min Scan# 2821

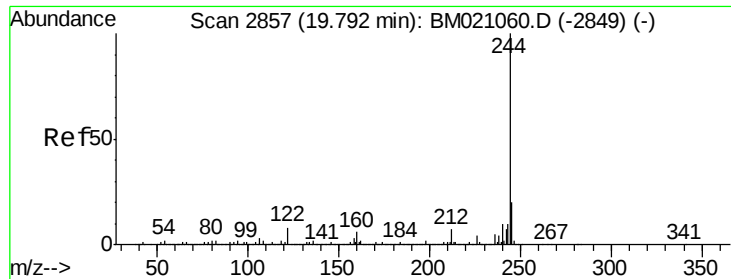
Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion:	202	Resp:	2982801
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.7	14.0	21.0





#79

Terphenyl-d14

Concen: 56.008 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:244 Resp: 6656438

Ion Ratio Lower Upper

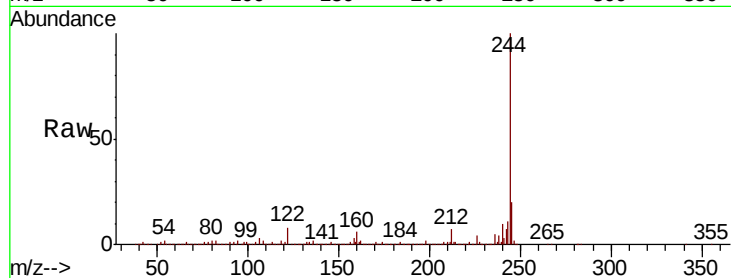
244 100

212 6.8 5.3 7.9

122 8.0 6.6 9.8

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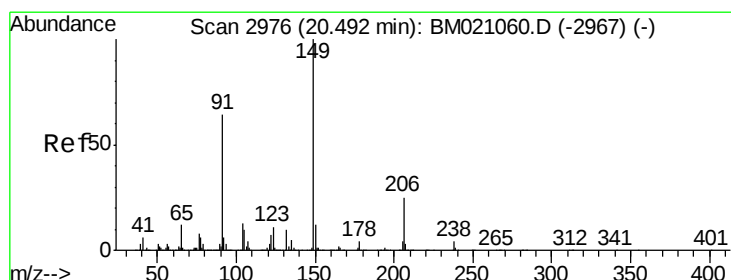
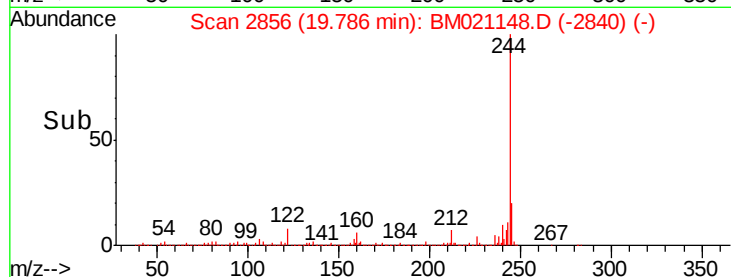
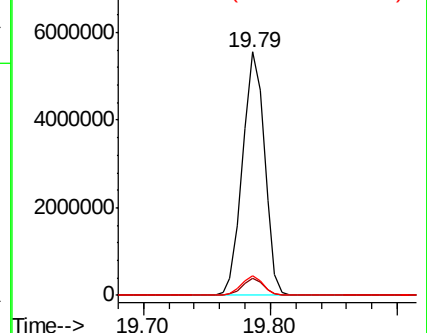
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 18.032 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

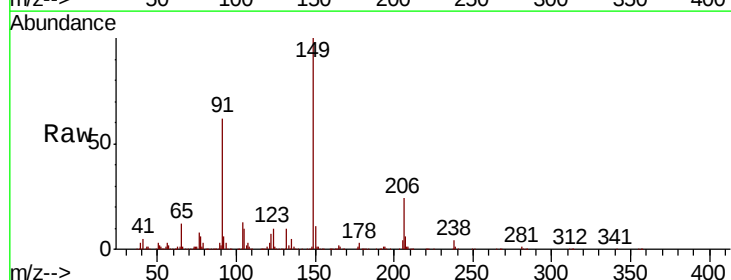
Tgt Ion:149 Resp: 1157070

Ion Ratio Lower Upper

149 100

91 62.4 50.9 76.3

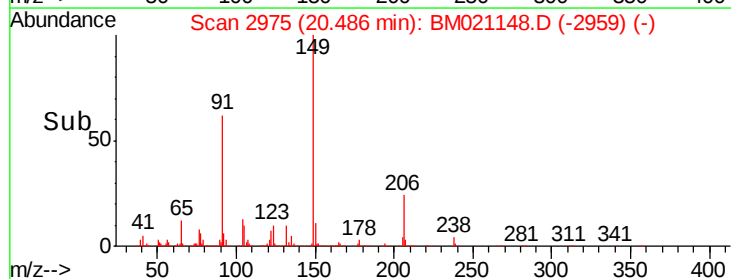
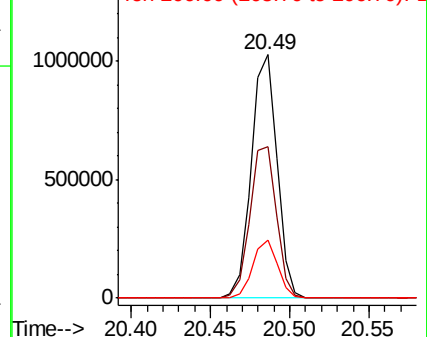
206 24.1 19.7 29.5

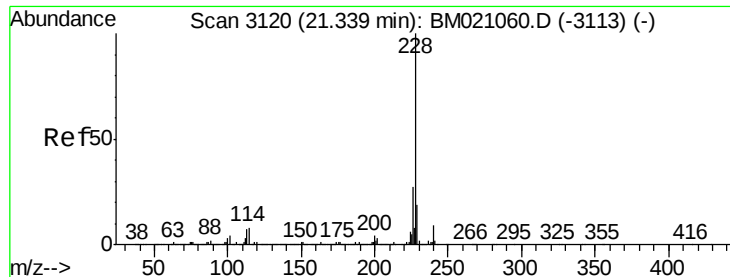


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 18.228 ng

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:228 Resp: 2758169

Ion Ratio Lower Upper

228 100

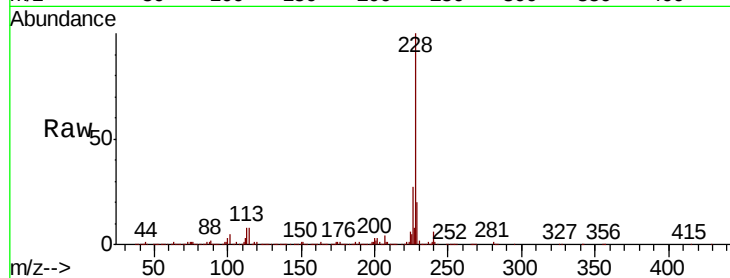
226 26.7 21.6 32.4

229 19.5 15.5 23.3

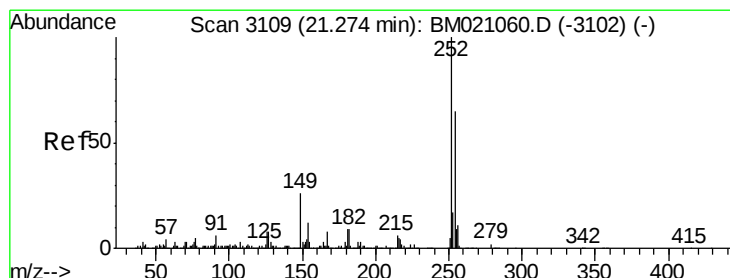
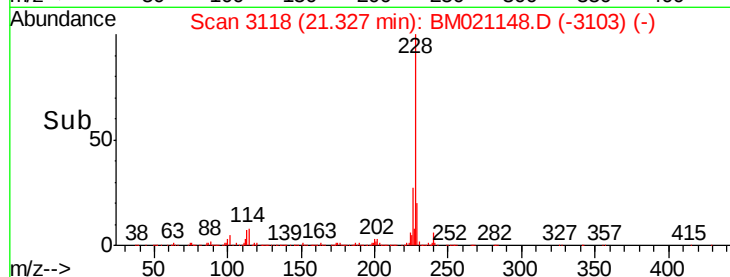
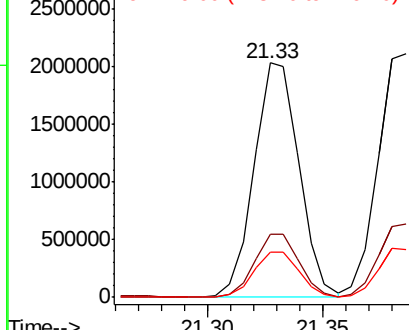
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 17.729 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

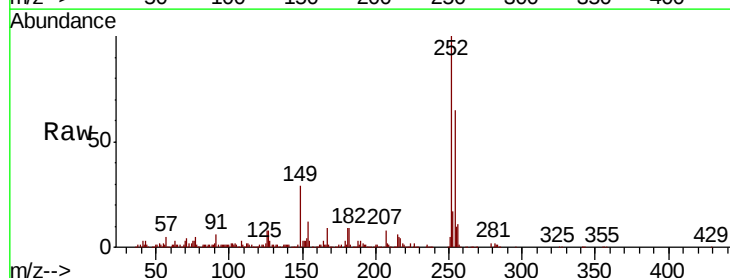
Tgt Ion:252 Resp: 1016109

Ion Ratio Lower Upper

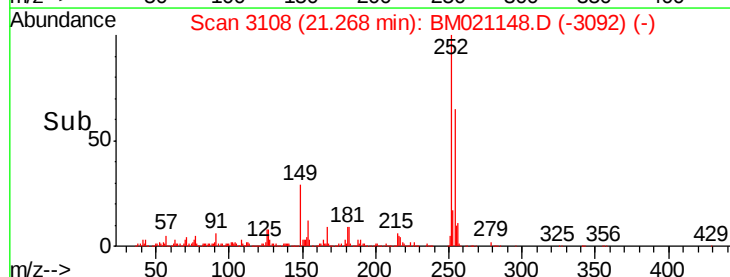
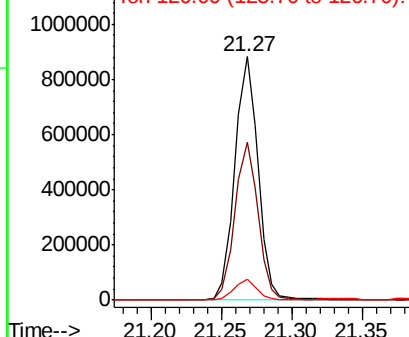
252 100

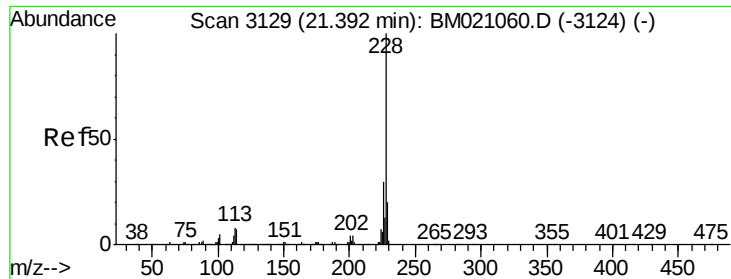
254 64.7 51.7 77.5

126 8.4 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





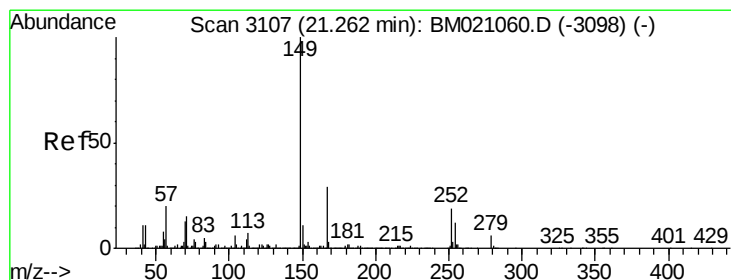
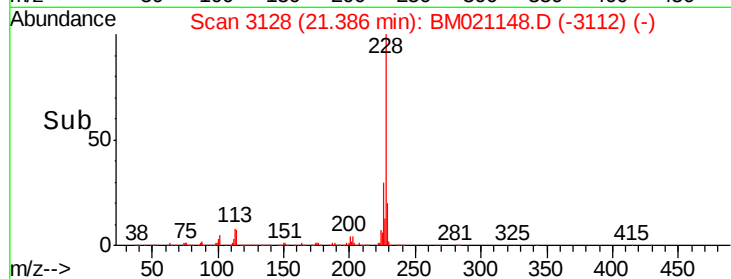
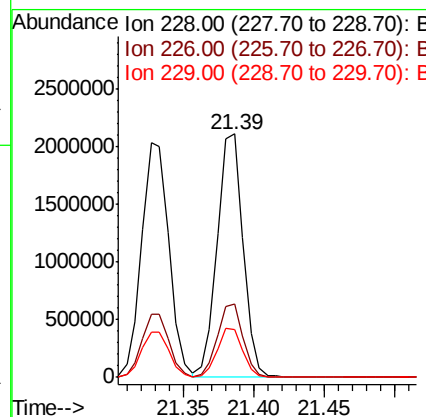
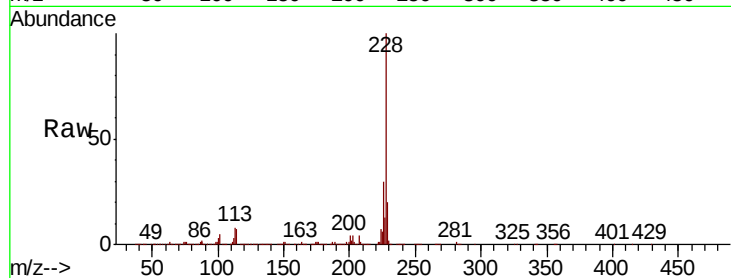
#83
Chrysene
Concen: 18.721 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:228 Resp: 2698623
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.7 15.6 23.4

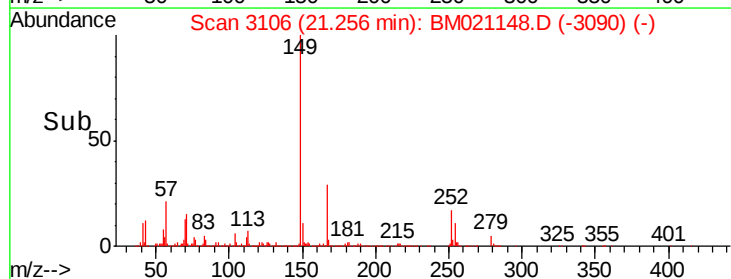
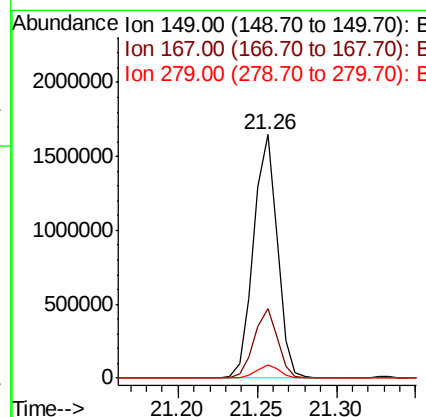
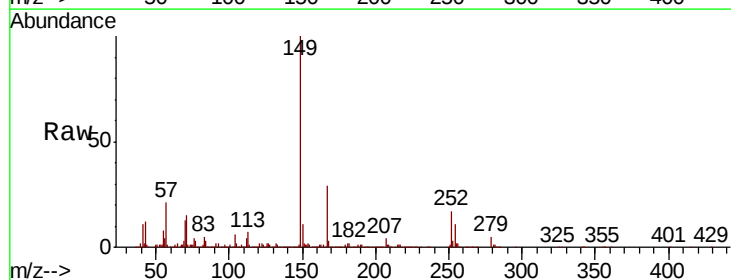
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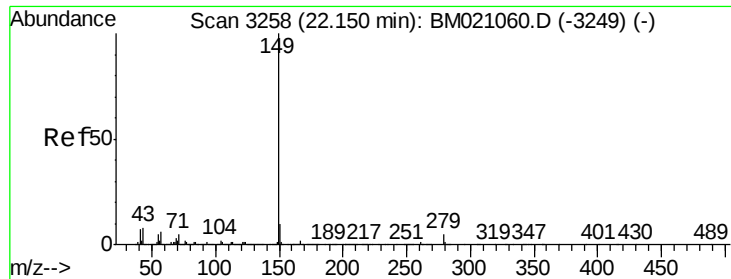
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#84
Bis(2-ethylhexyl)phthalate
Concen: 18.845 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion:149 Resp: 1721025
Ion Ratio Lower Upper
149 100
167 28.7 23.0 34.4
279 5.4 4.6 7.0





#85

Di-n-octyl phthalate

Concen: 19.154 ng

RT: 22.14 min Scan# 3257

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:149 Resp: 2751028

Ion Ratio Lower Upper

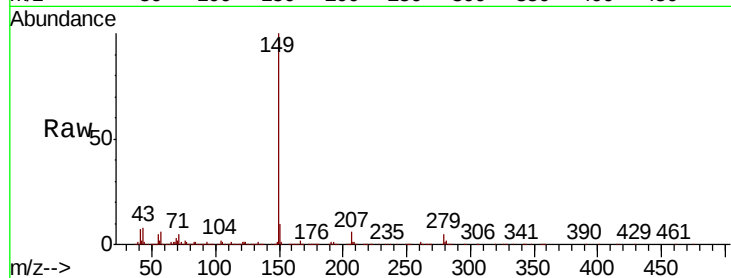
149 100

167 1.7 1.3 1.9

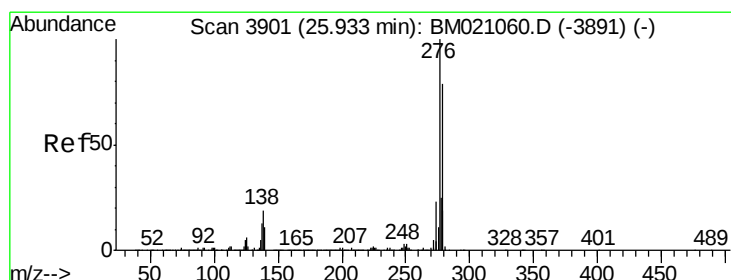
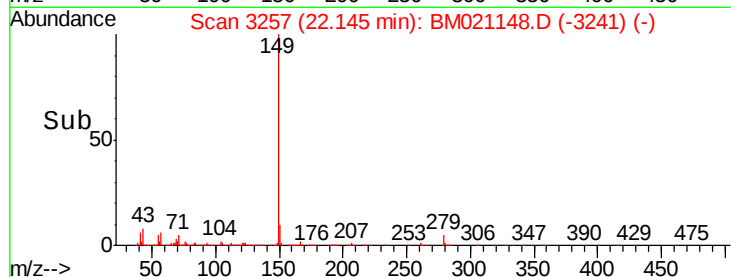
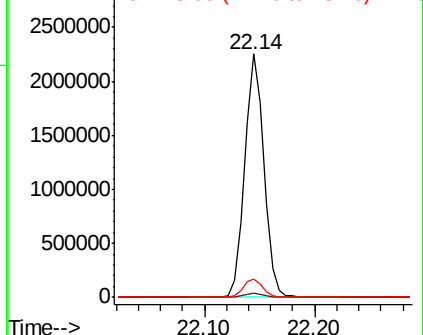
43 7.8 6.2 9.2

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 15.976 ng

RT: 25.91 min Scan# 3898

Delta R.T. -0.02 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

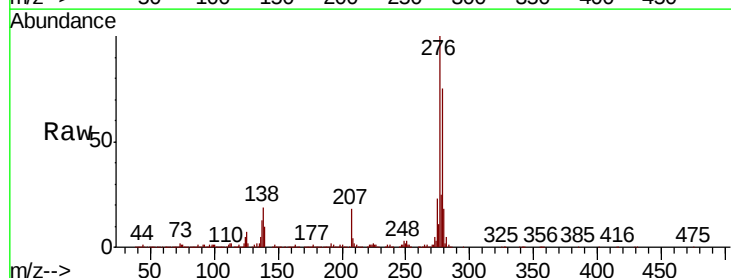
Tgt Ion:276 Resp: 2548222

Ion Ratio Lower Upper

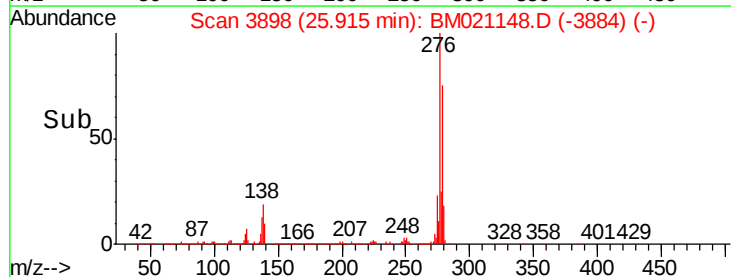
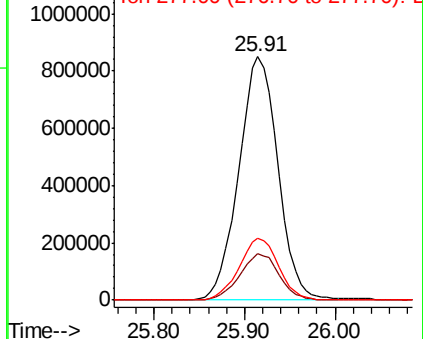
276 100

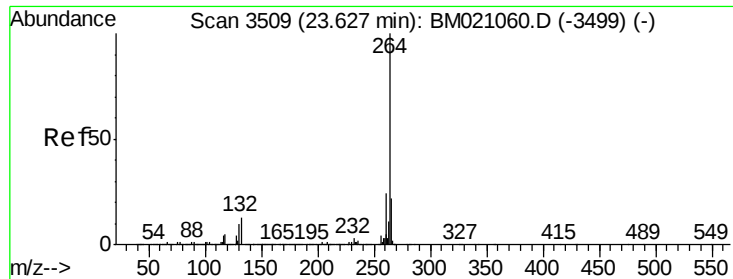
138 19.2 15.4 23.0

277 25.5 20.4 30.6



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.62 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

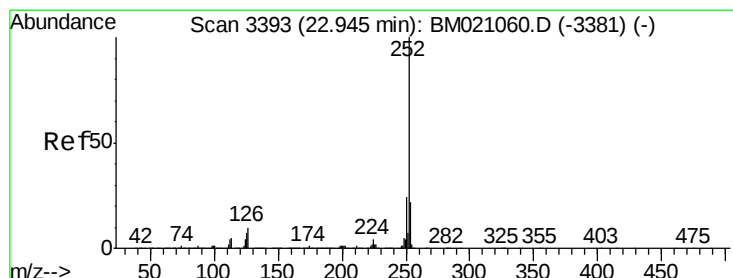
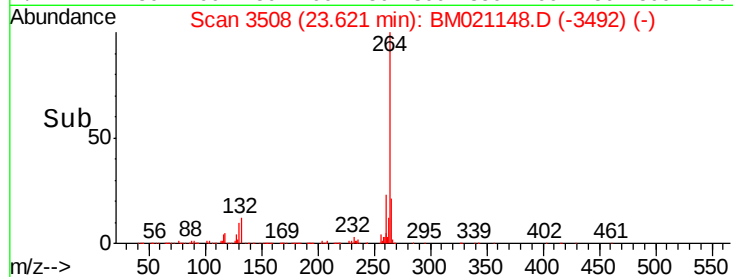
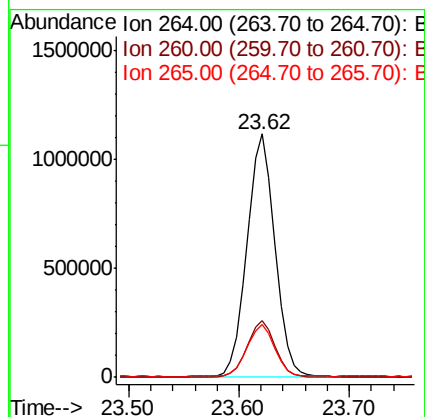
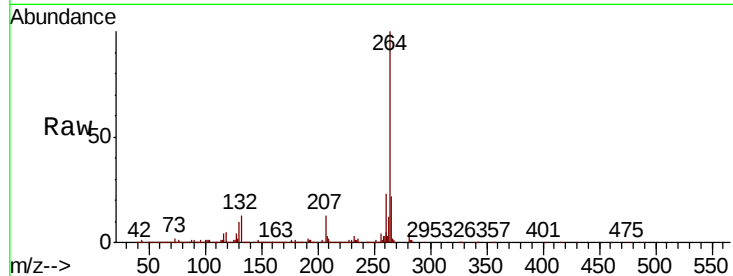
ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:	264	Resp:	2004846
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.6	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 19.056 ng

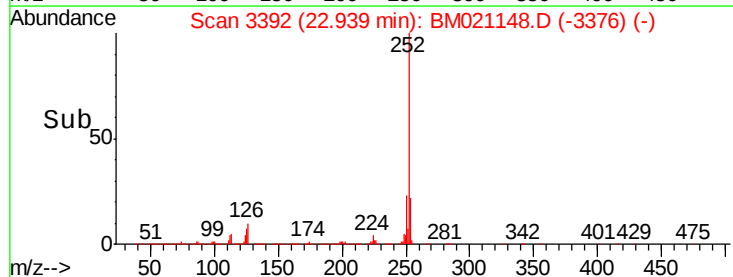
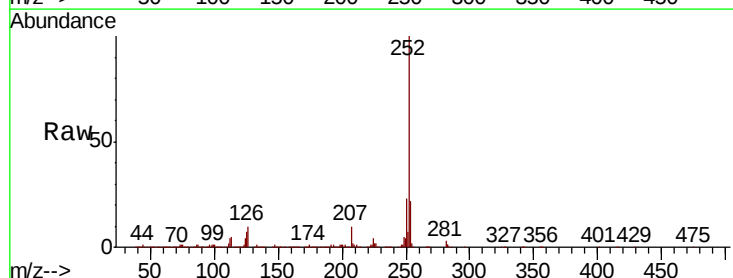
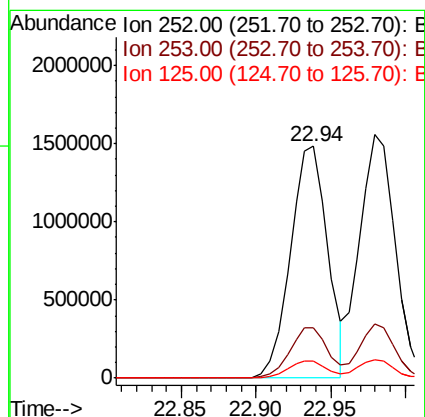
RT: 22.94 min Scan# 3392

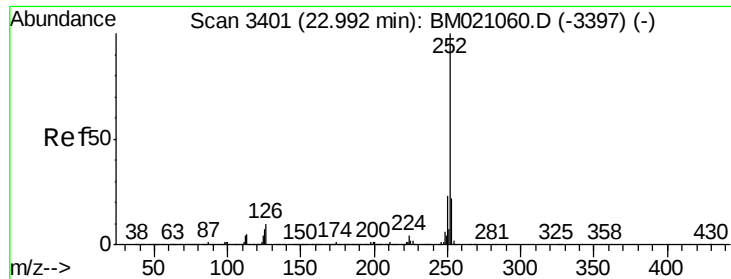
Delta R.T. -0.01 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Tgt Ion:	252	Resp:	2577373
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	7.4	5.9	8.9





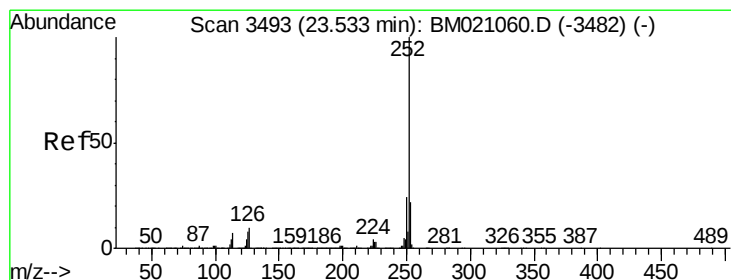
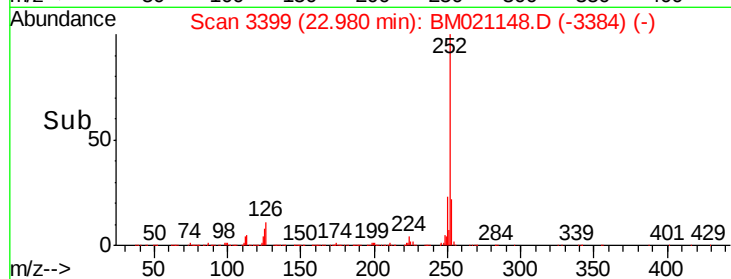
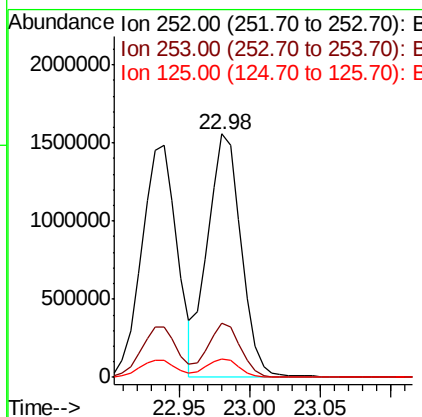
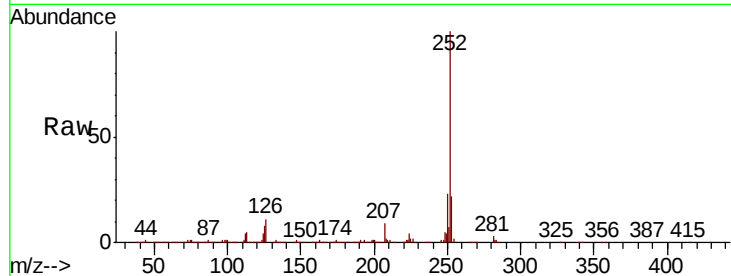
#89
Benzo(k)fluoranthene
Concen: 19.479 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:252 Resp: 2546697
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.6 5.9 8.9

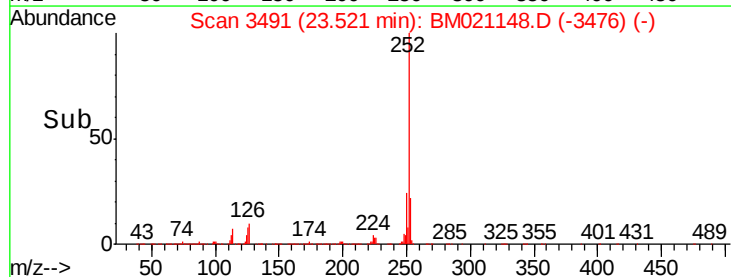
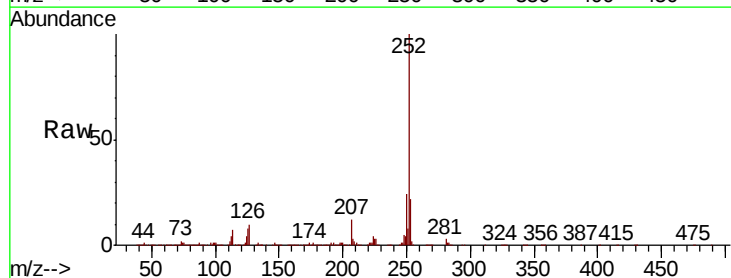
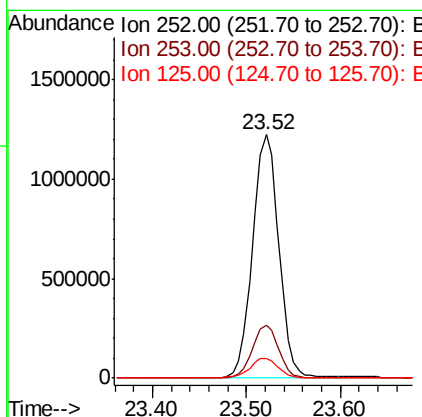
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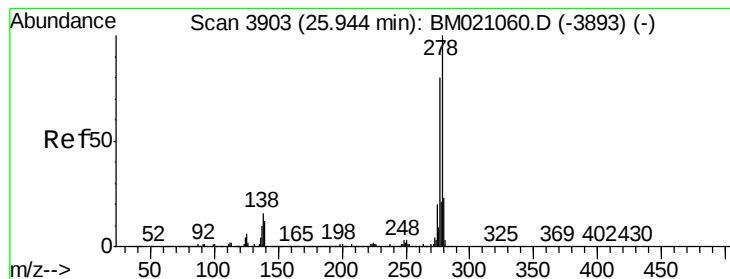
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#90
Benzo(a)pyrene
Concen: 19.348 ng
RT: 23.52 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM021148.D
Acq: 24 Jun 2019 17:14

Tgt Ion:252 Resp: 2361275
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.3 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 17.739 ng

RT: 25.93 min Scan# 3900

Delta R.T. -0.02 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:278 Resp: 2158399

Ion Ratio Lower Upper

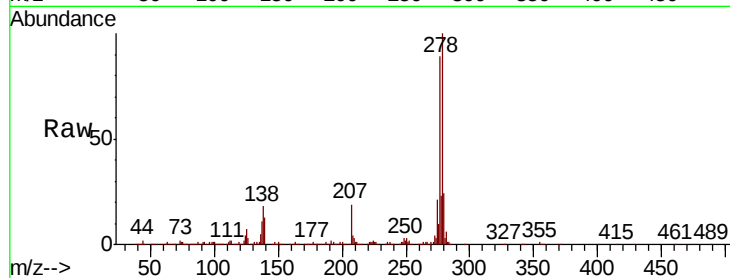
278 100

139 12.6 9.8 14.8

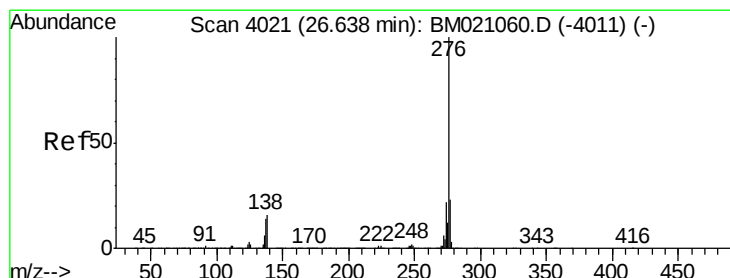
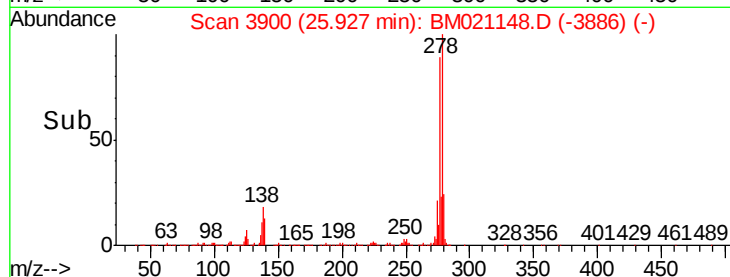
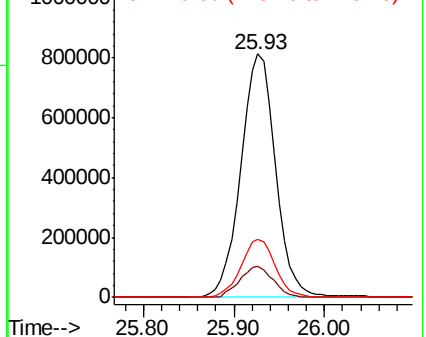
279 23.9 18.7 28.1

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 18.073 ng

RT: 26.61 min Scan# 4017

Delta R.T. -0.02 min

Lab File: BM021148.D

Acq: 24 Jun 2019 17:14

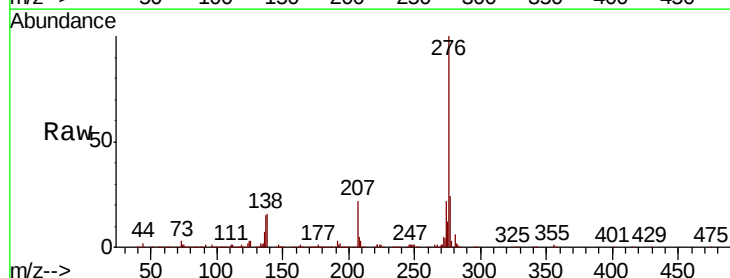
Tgt Ion:276 Resp: 2050696

Ion Ratio Lower Upper

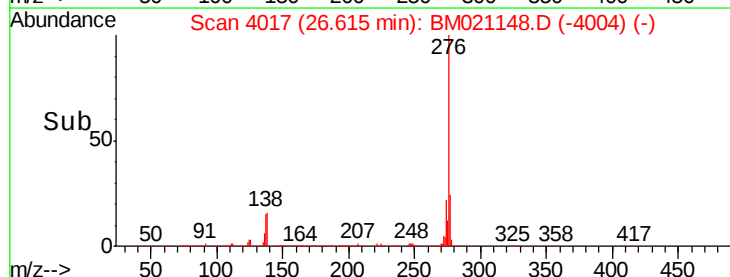
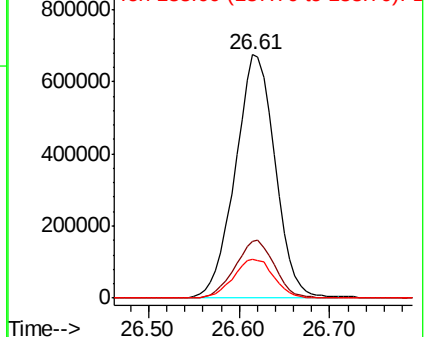
276 100

277 23.5 18.8 28.2

138 16.1 13.1 19.7



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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
 Data File : BM021148.D
 Acq On : 24 Jun 2019 17:14
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOO--WATER-20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Manual Integrations
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Quant Time: Jun 25 04:51:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	304271	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	1320294	20.00	ng	-0.01
39) Acenaphthene-d10	14.41	164	897737	20.00	ng	-0.01
64) Phenanthrene-d10	17.16	188	2244714	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2219773	20.00	ng	0.00
87) Perylene-d12	23.62	264	2004846	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1297017	77.19	ng	0.00
7) Phenol-d6	6.95	99	1913150	78.18	ng	0.00
23) Nitrobenzene-d5	8.93	82	1228926	48.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.91	330	1434600	85.16	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	3602629	49.32	ng	-0.01
79) Terphenyl-d14	19.79	244	6656438	56.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	122469	19.345	ng	100
3) Pyridine	3.72	79	320845	17.624	ng	99
4) n-Nitrosodimethylamine	3.63	42	120774	17.229	ng	# 95
6) Aniline	7.11	93	544125	16.695	ng	99
8) 2-Chlorophenol	7.33	128	374484	18.108	ng	98
9) Benzaldehyde	6.93	77	321768	22.318	ng	99
10) Phenol	6.97	94	455284	18.212	ng	99
11) bis(2-Chloroethyl)ether	7.20	93	350653	17.716	ng	98
12) 1,3-Dichlorobenzene	7.66	146	431098	17.206	ng	98
13) 1,4-Dichlorobenzene	7.80	146	446560	17.530	ng	99
14) 1,2-Dichlorobenzene	8.12	146	430080	17.228	ng	100
15) Benzyl Alcohol	8.02	79	350486	17.689	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	451206	17.625	ng	98
17) 2-Methylphenol	8.21	107	321999	18.032	ng	99
18) Hexachloroethane	8.84	117	155035	16.951	ng	98
19) n-Nitroso-di-n-propylamine	8.57	70	324668	18.232	ng	99
20) 3+4-Methylphenols	8.54	107	444531	18.085	ng	99
22) Acetophenone	8.60	105	657047	19.529	ng	# 99
24) Nitrobenzene	8.97	77	465800	18.562	ng	100
25) Isophorone	9.50	82	889715	18.770	ng	99
26) 2-Nitrophenol	9.68	139	223723	18.207	ng	98
27) 2,4-Dimethylphenol	9.73	122	338159	18.868	ng	96
28) bis(2-Chloroethoxy)methane	9.97	93	529440	17.975	ng	99
29) 2,4-Dichlorophenol	10.20	162	431964	18.623	ng	99
30) 1,2,4-Trichlorobenzene	10.42	180	488293	17.858	ng	99
31) Naphthalene	10.61	128	1299132	18.593	ng	99
32) Benzoic acid	9.87	122	271060m	18.695	ng	
33) 4-Chloroaniline	10.73	127	569343	17.950	ng	99
34) Hexachlorobutadiene	10.88	225	295550	17.119	ng	97
35) Caprolactam	11.53	113	135791	18.717	ng	93
36) 4-Chloro-3-methylphenol	11.85	107	458419	19.422	ng	98
37) 2-Methylnaphthalene	12.22	142	1039197	19.330	ng	98
38) 1-Methylnaphthalene	12.44	142	992049	19.347	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	646047	19.013	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
 Data File : BM021148.D
 Acq On : 24 Jun 2019 17:14
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOQ--WATER-20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:26:06 AM

Quant Time: Jun 25 04:51:25 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)
41) Hexachlorocyclopentadiene	12.56	237	277521	14.089	nq	100
43) 2,4,6-Trichlorophenol	12.83	196	400256	17.801	nq	99
44) 2,4,5-Trichlorophenol	12.90	196	434654	18.667	nq	99
46) 1,1'-Biphenyl	13.24	154	1489321	19.383	nq	99
47) 2-Chloronaphthalene	13.28	162	1105295	17.712	nq	99
48) 2-Nitroaniline	13.50	65	292363	17.125	nq	96
49) Acenaphthylene	14.13	152	1755097	18.481	nq	100
50) Dimethylphthalate	13.87	163	1453273	18.207	nq	99
51) 2,6-Dinitrotoluene	14.00	165	317230	18.475	nq	98
52) Acenaphthene	14.47	154	1054932	18.411	nq	99
53) 3-Nitroaniline	14.33	138	302400	17.274	nq	98
54) 2,4-Dinitrophenol	14.54	184	147458	15.987	nq	97
55) Dibenzofuran	14.81	168	1766158	18.895	nq	99
56) 4-Nitrophenol	14.63	139	232521	17.370	nq	95
57) 2,4-Dinitrotoluene	14.79	165	446212	18.819	nq	99
58) Fluorene	15.46	166	1441345	18.873	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	427060	19.196	nq	99
60) Diethylphthalate	15.24	149	1442622	18.351	nq	99
61) 4-Chlorophenyl-phenylether	15.46	204	789815	18.306	nq	98
62) 4-Nitroaniline	15.50	138	317167	17.262	nq	98
63) Azobenzene	15.75	77	1236088	19.169	nq	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	219380	15.851	nq	96
66) n-Nitrosodiphenylamine	15.67	169	1267919	17.920	nq	100
67) 4-Bromophenyl-phenylether	16.35	248	509938	17.065	nq	98
68) Hexachlorobenzene	16.46	284	607557	17.019	nq	99
69) Atrazine	16.63	200	439547	19.104	nq	99
70) Pentachlorophenol	16.81	266	335589	17.448	nq	98
71) Phenanthrene	17.20	178	2390524	18.479	nq	100
72) Anthracene	17.29	178	2361781	18.430	nq	99
73) Carbazole	17.57	167	2129473	18.794	nq	100
74) Di-n-butylphthalate	18.13	149	2541700	18.324	nq	100
75) Fluoranthene	19.22	202	2922753	19.564	nq	99
77) Benzidine	19.42	184	809145	12.553	nq	99
78) Pyrene	19.58	202	2982801	18.528	nq	99
80) Butylbenzylphthalate	20.49	149	1157070	18.032	nq	99
81) Benzo(a)anthracene	21.33	228	2758169	18.228	nq	100
82) 3,3'-Dichlorobenzidine	21.27	252	1016109	17.729	nq	100
83) Chrysene	21.39	228	2698623	18.721	nq	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1721025	18.845	nq	100
85) Di-n-octyl phthalate	22.14	149	2751028	19.154	nq	100
86) Indeno(1,2,3-cd)pyrene	25.91	276	2548222	15.976	nq	100
88) Benzo(b)fluoranthene	22.94	252	2577373	19.056	nq	100
89) Benzo(k)fluoranthene	22.98	252	2546697	19.479	nq	100
90) Benzo(a)pyrene	23.52	252	2361275	19.348	nq	100
91) Dibenzo(a,h)anthracene	25.93	278	2158399	17.739	nq	99
92) Benzo(g,h,i)perylene	26.61	276	2050696	18.073	nq	100

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