

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
 Data File : BM039161.D
 Acq On : 27 Mar 2023 15:26
 Operator : CG/JU
 Sample : 02004-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATER

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2023
 Supervised By : Jagrut Upadhyay 03/28/2023

Quant Time: Mar 28 01:49:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 28 01:46:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	254813	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	1069757	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	605289	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1263810	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1251966	20.000	ng	0.00
86) Perylene-d12	23.938	264	1432608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	669142	39.897	ng	0.00
7) Phenol-d6	7.110	99	520913	23.912	ng	0.00
23) Nitrobenzene-d5	9.110	82	1837543	84.376	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	638645	91.206	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	3813166	82.010	ng	0.00
79) Terphenyl-d14	19.974	244	5155312	75.287	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	24446	3.276	ng	# 11
32) Benzoic acid	10.410	122	1609099m	116.325	ng	
48) 2-Nitroaniline	13.663	65	43127	5.538	ng	96
50) Dimethylphthalate	14.039	163	187959	4.035	ng	99
51) 2,6-Dinitrotoluene	14.157	165	28007	4.156	ng	95
53) 3-Nitroaniline	14.492	138	35608	4.448	ng	# 96
56) 4-Nitrophenol	14.810	139	95102	10.281	ng	98
57) 2,4-Dinitrotoluene	14.951	165	112579	10.018	ng	98
60) Diethylphthalate	15.404	149	343438	7.578	ng	99
62) 4-Nitroaniline	15.657	138	135739	12.420	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	12649	6.450	ng	# 56
66) n-Nitrosodiphenylamine	15.839	169	91086	2.138	ng	100
67) 4-Bromophenyl-phenylether	16.521	248	36972	2.708	ng	93
70) Pentachlorophenol	16.986	266	38371	3.419	ng	94
71) Phenanthrene	17.374	178	452223	6.097	ng	100
72) Anthracene	17.462	178	468827	6.338	ng	99
73) Carbazole	17.739	167	1343950	19.908	ng	99
74) Di-n-butylphthalate	18.304	149	2013348	25.334	ng	99
75) Fluoranthene	19.398	202	1506472	19.236	ng	88
78) Pyrene	19.762	202	1798479	19.126	ng	99
80) Butylbenzylphthalate	20.656	149	1826807	45.849	ng	99
81) Benzo(a)anthracene	21.509	228	3883624	43.075	ng	99
83) Chrysene	21.562	228	4270178	48.697	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	2732922	47.312	ng	99
85) Di-n-octyl phthalate	22.356	149	4657132	48.501	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	484754	4.447	ng	96
88) Benzo(b)fluoranthene	23.203	252	3126983	34.166	ng	99
89) Benzo(k)fluoranthene	23.250	252	2803691	29.435	ng	99
90) Benzo(a)pyrene	23.833	252	1578489	17.920	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	247260	2.678	ng	# 96
92) Benzo(g,h,i)perylene	27.226	276	262886	2.911	ng	# 87

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

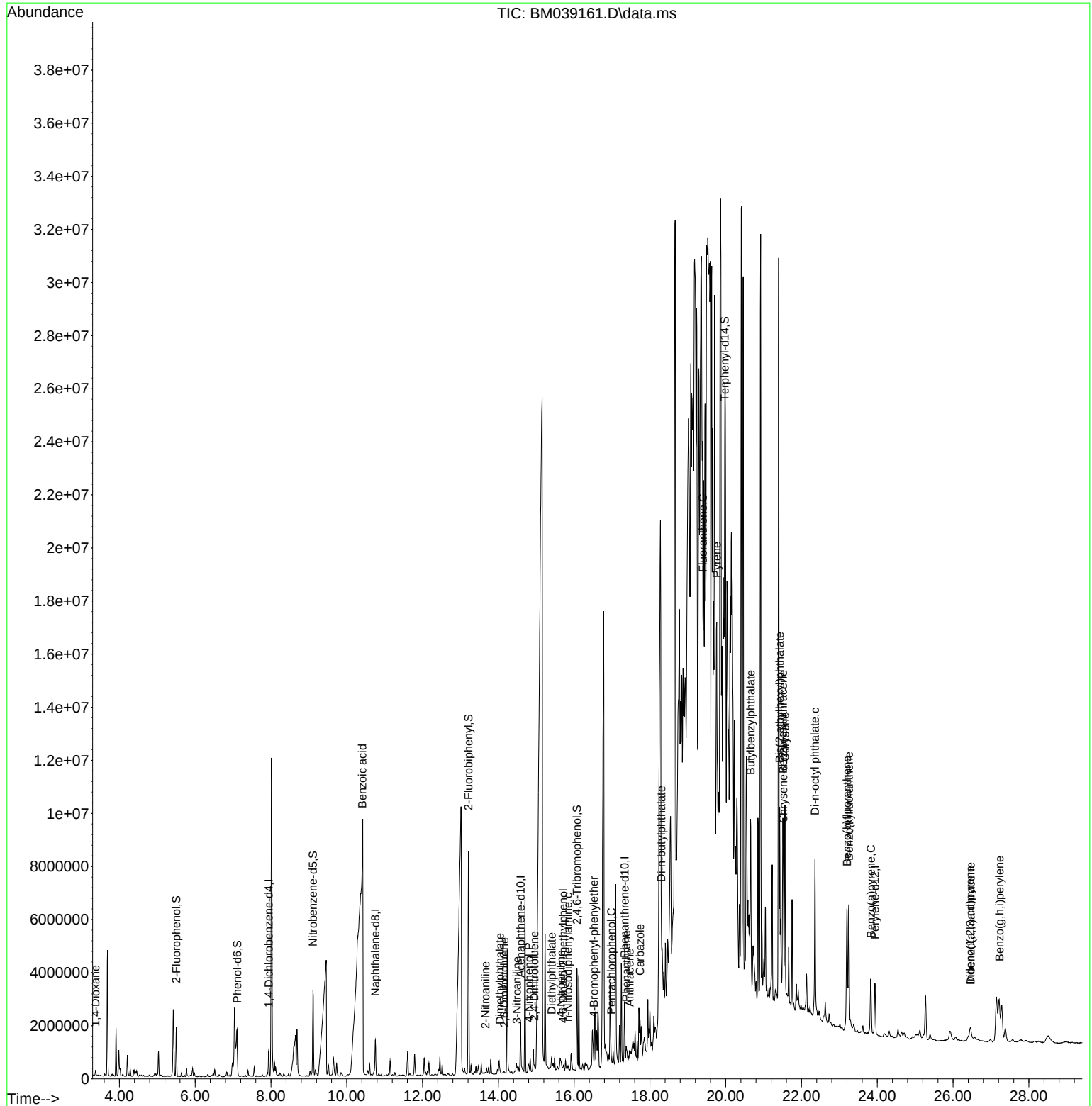
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

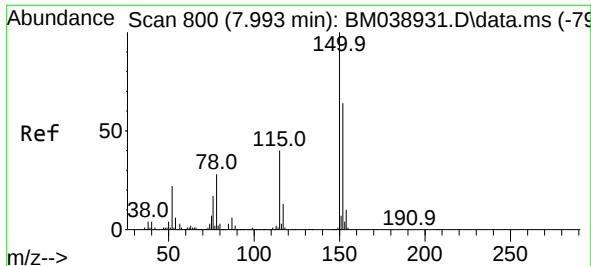
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Time: Mar 28 01:49:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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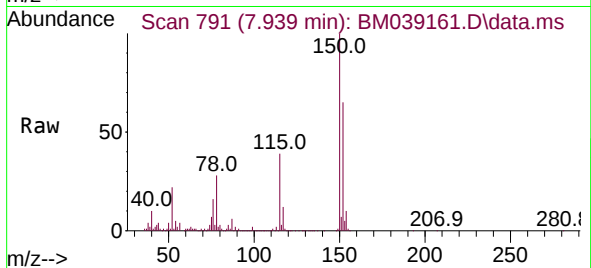
Reviewed By : Christian Giraldo 03/28/2023
Supervised By : Jagrut Upadhyay 03/28/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 79
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

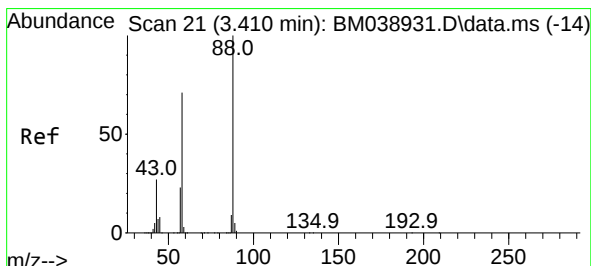
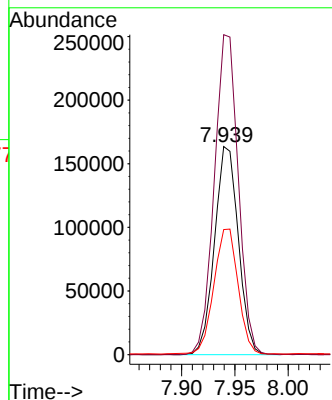
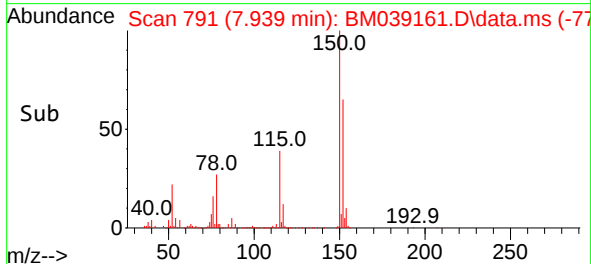
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:152 Resp: 254813
Ion Ratio Lower Upper
152 100
150 153.8 125.1 187.7
115 60.1 49.6 74.4

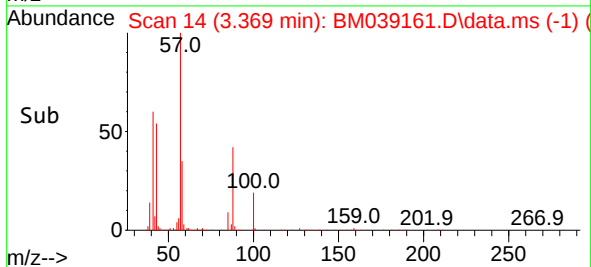
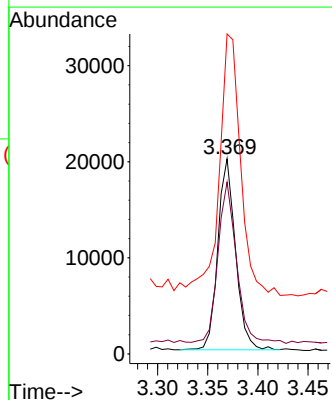
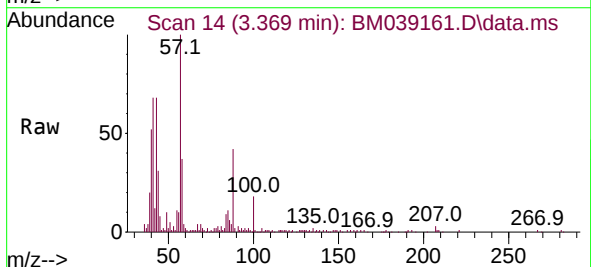
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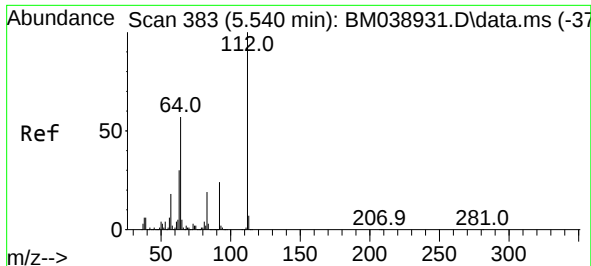
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#2
1,4-Dioxane
Concen: 3.276 ng
RT: 3.369 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

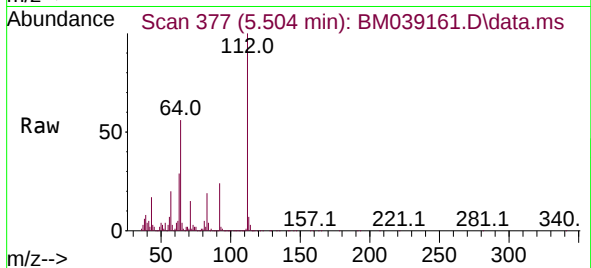
Tgt Ion: 88 Resp: 24446
Ion Ratio Lower Upper
88 100
58 89.4 57.2 85.8#
43 164.8 22.0 33.0#





#5
2-Fluorophenol
Concen: 39.897 ng
RT: 5.504 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

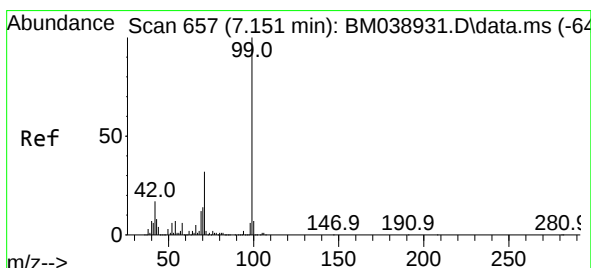
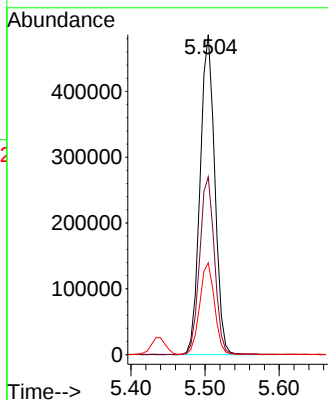
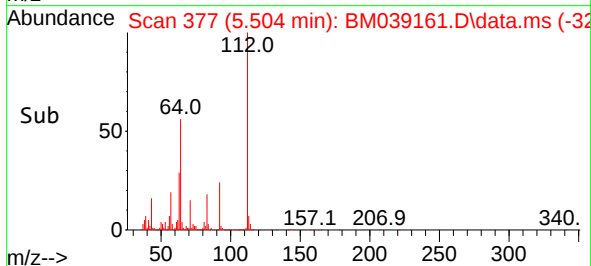
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:112 Resp: 669142
Ion Ratio Lower Upper
112 100
64 55.5 45.9 68.9
63 28.7 23.8 35.8

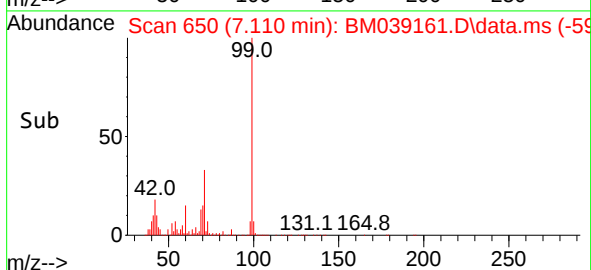
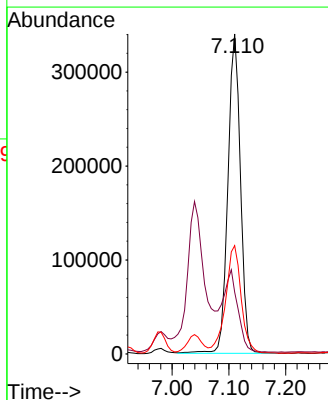
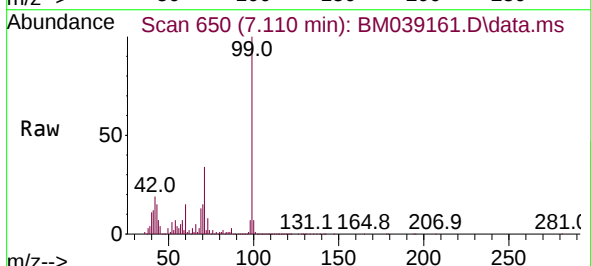
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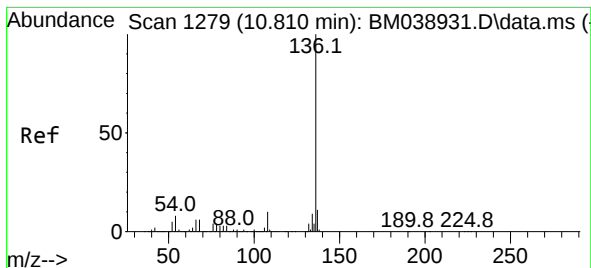
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#7
Phenol-d6
Concen: 23.912 ng
RT: 7.110 min Scan# 650
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

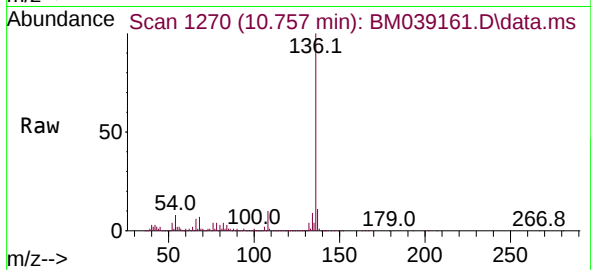
Tgt Ion: 99 Resp: 520913
Ion Ratio Lower Upper
99 100
42 19.3 13.5 20.3
71 33.9 25.6 38.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

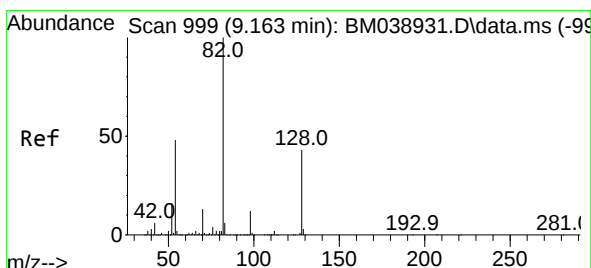
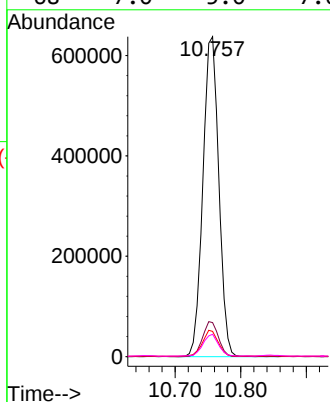
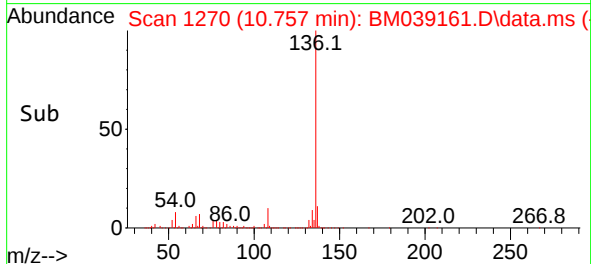
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



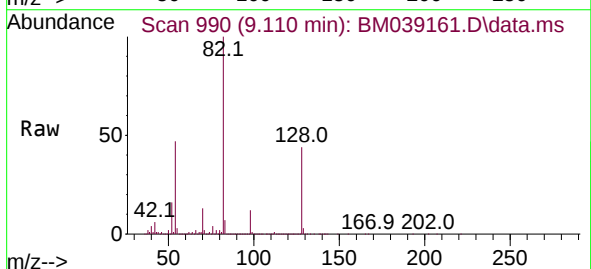
Tgt Ion:136 Resp: 1069752
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.9 6.3 9.5
68 7.0 5.0 7.6

Manual Integrations
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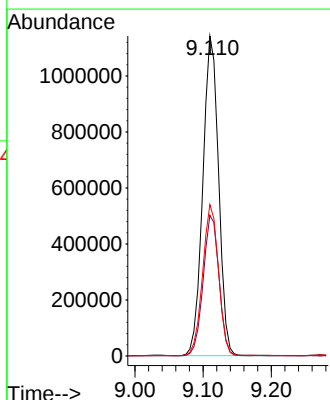
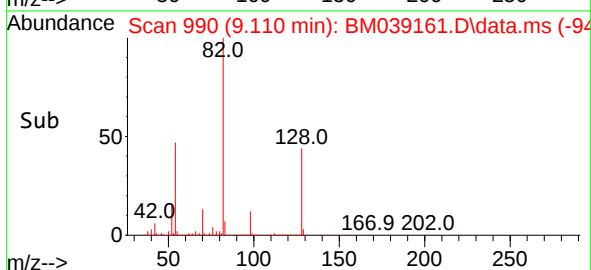
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

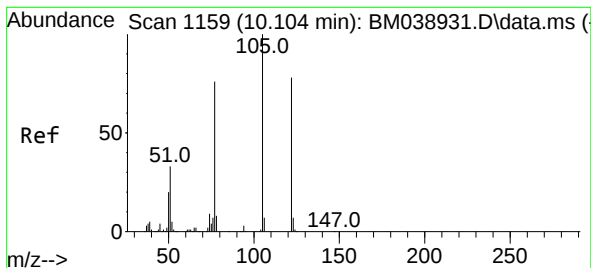


#23
Nitrobenzene-d5
Concen: 84.376 ng
RT: 9.110 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26



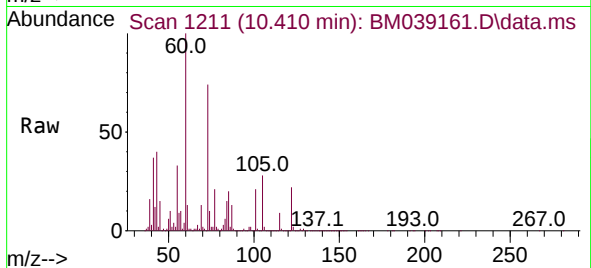
Tgt Ion: 82 Resp: 1837543
Ion Ratio Lower Upper
82 100
128 43.9 34.4 51.6
54 47.3 38.8 58.2





#32
Benzoic acid
Concen: 116.325 ng m
RT: 10.410 min Scan# 1159
Delta R.T. 0.335 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

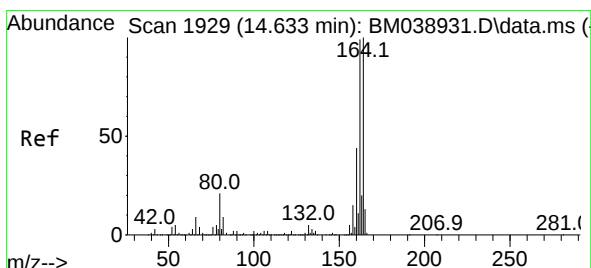
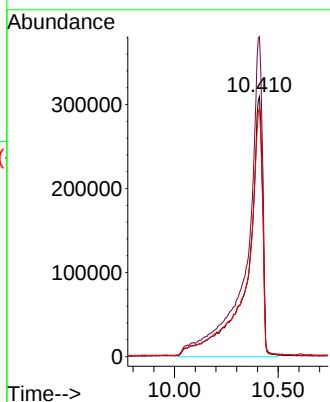
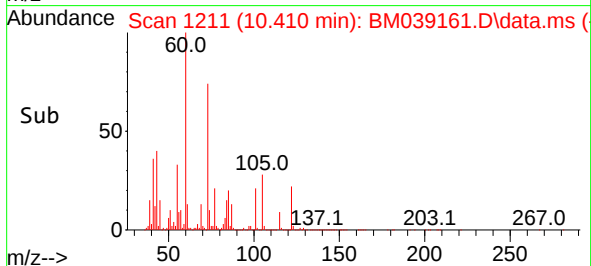
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:122 Resp: 1609099
Ion Ratio Lower Upper
122 100
105 123.1 104.2 144.2
77 95.6 75.1 115.1

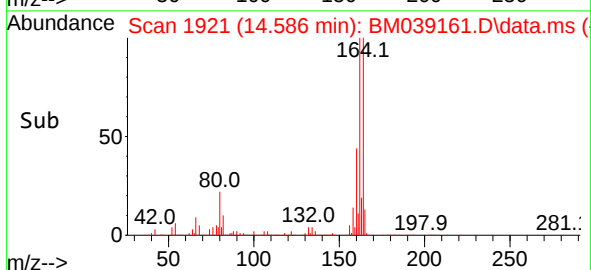
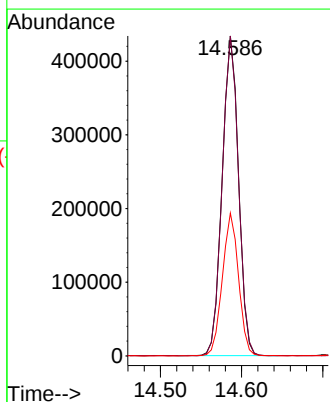
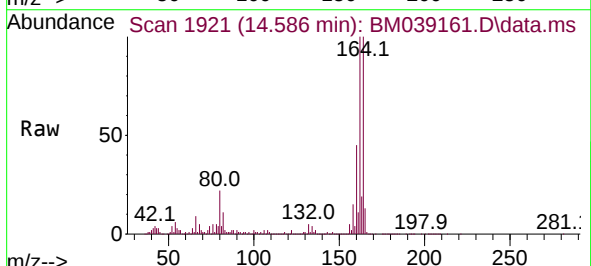
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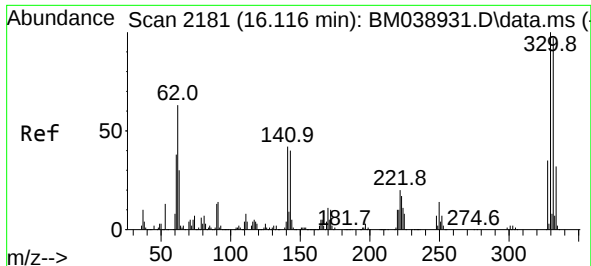
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Tgt Ion:164 Resp: 605289
Ion Ratio Lower Upper
164 100
162 100.0 79.2 118.8
160 44.6 35.5 53.3





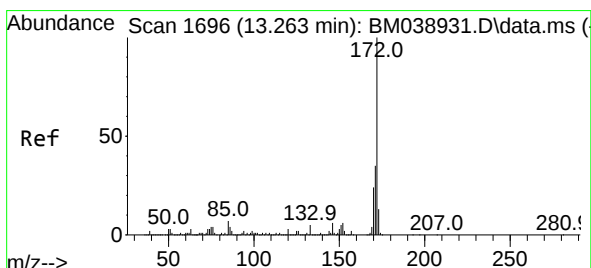
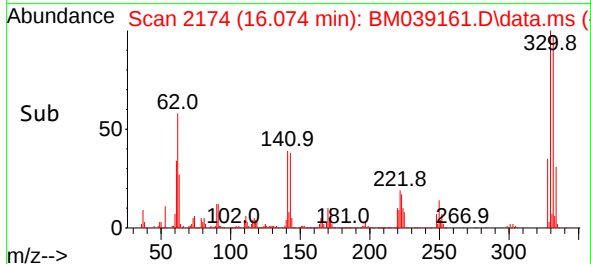
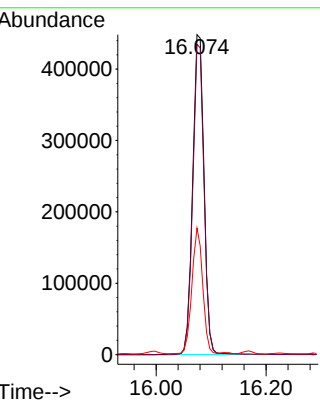
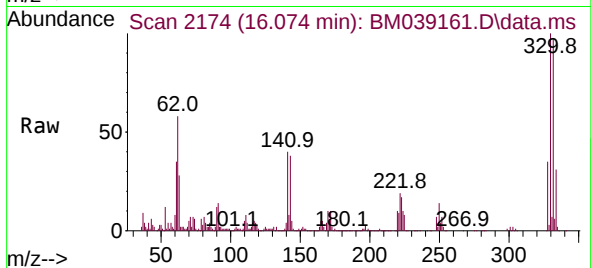
#42
2,4,6-Tribromophenol
Concen: 91.206 ng
RT: 16.074 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:330 Resp: 638645
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 37.4 32.2 48.4

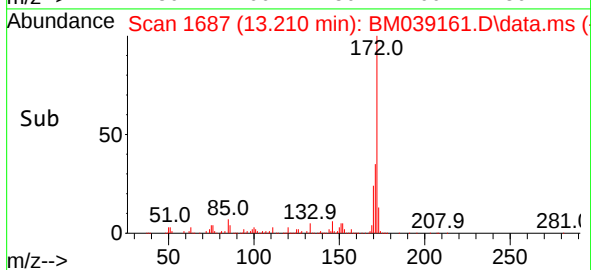
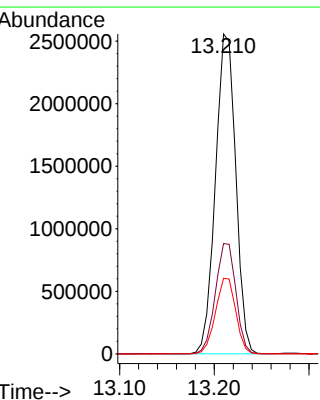
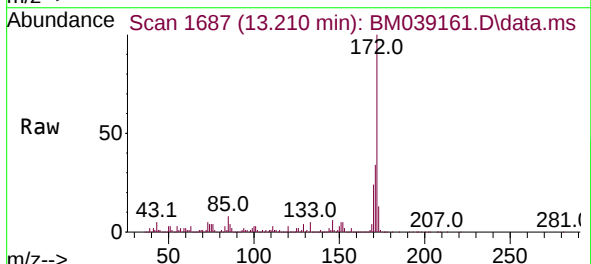
Manual Integrations
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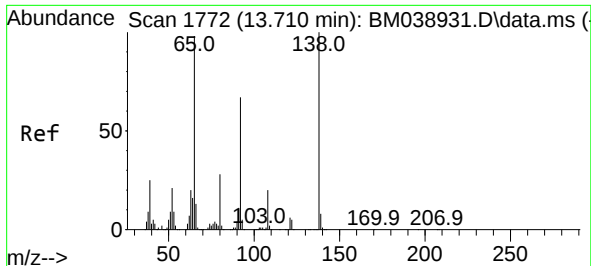
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#45
2-Fluorobiphenyl
Concen: 82.010 ng
RT: 13.210 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

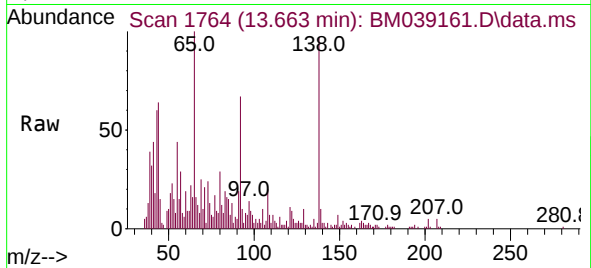
Tgt Ion:172 Resp: 3813166
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.6 19.1 28.7





#48
2-Nitroaniline
Concen: 5.538 ng
RT: 13.663 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

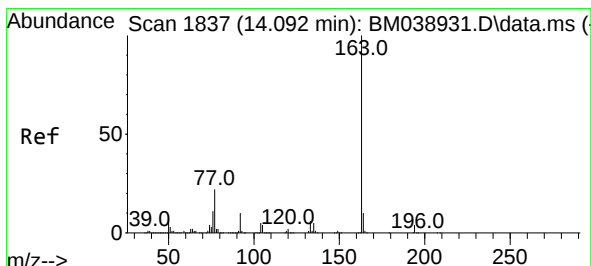
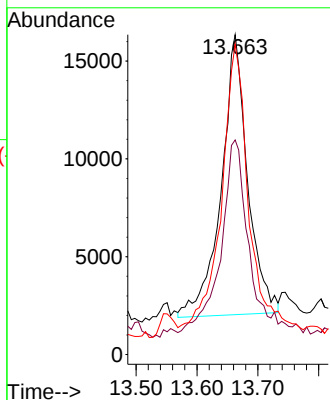
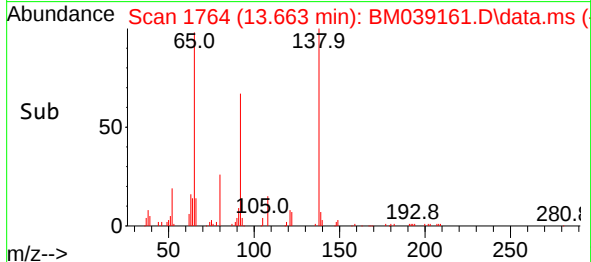
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion: 65 Resp: 4312
Ion Ratio Lower Upper
65 100
92 67.1 54.9 82.3
138 97.0 81.6 122.4

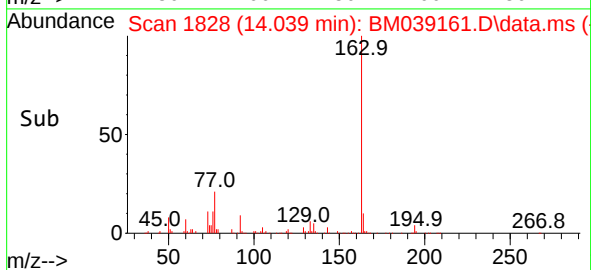
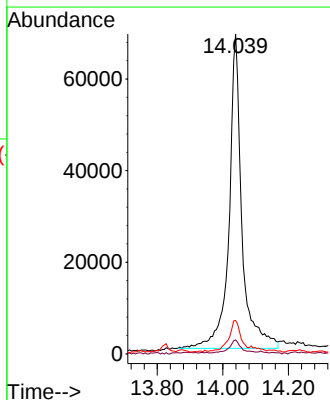
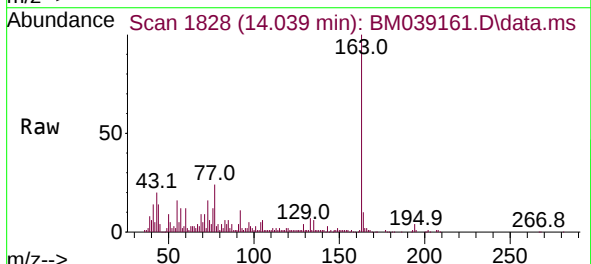
Manual Integrations
APPROVED

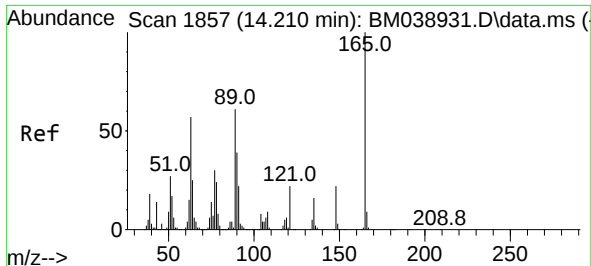
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#50
Dimethylphthalate
Concen: 4.035 ng
RT: 14.039 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

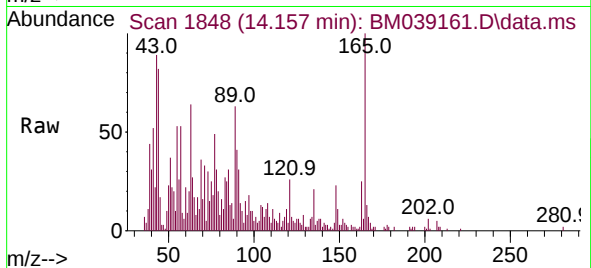
Tgt Ion:163 Resp: 187959
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 4.156 ng
RT: 14.157 min Scan# 1857
Delta R.T. -0.012 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

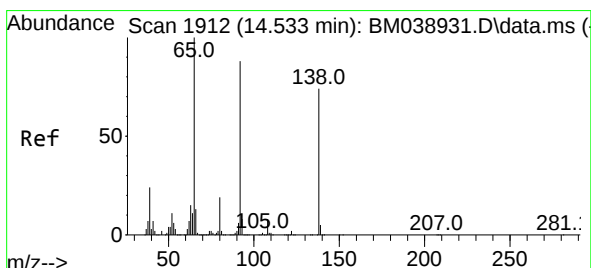
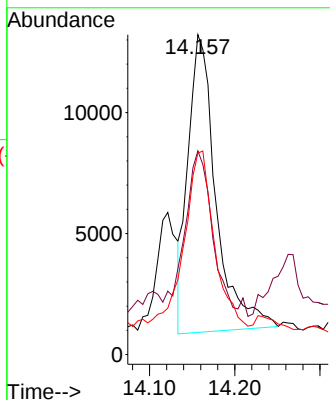
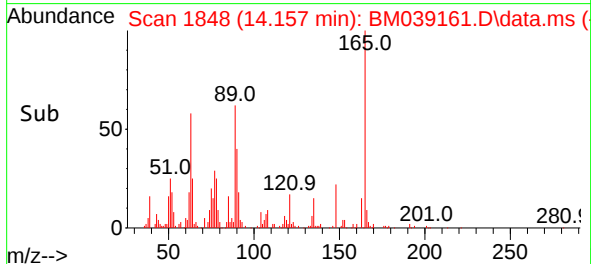
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:165 Resp: 2800
Ion Ratio Lower Upper
165 100
63 63.7 46.6 70.0
89 63.0 48.6 73.0

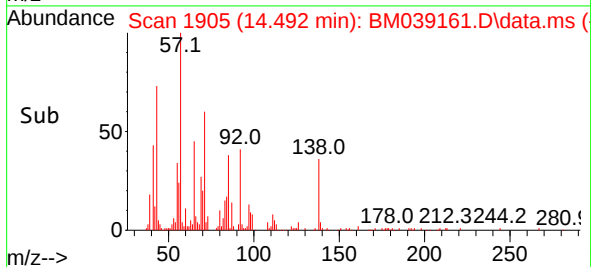
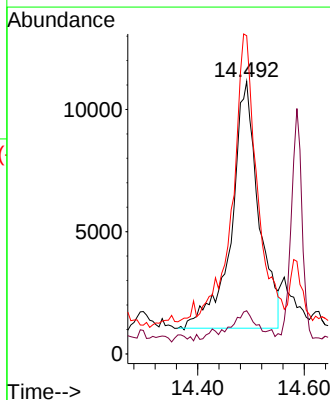
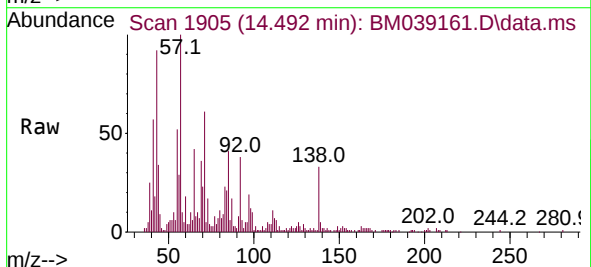
Manual Integrations
APPROVED

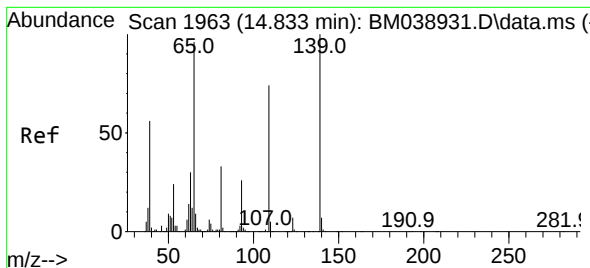
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#53
3-Nitroaniline
Concen: 4.448 ng
RT: 14.492 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

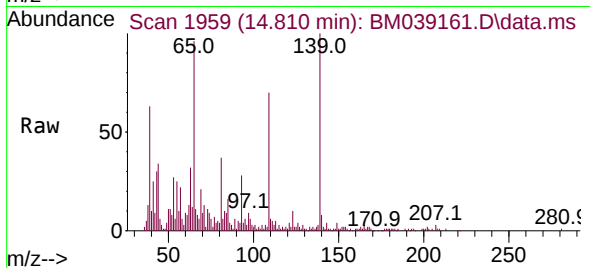
Tgt Ion:138 Resp: 35608
Ion Ratio Lower Upper
138 100
108 15.8 8.3 12.5#
92 116.8 95.8 143.8





#56
4-Nitrophenol
Concen: 10.281 ng
RT: 14.810 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

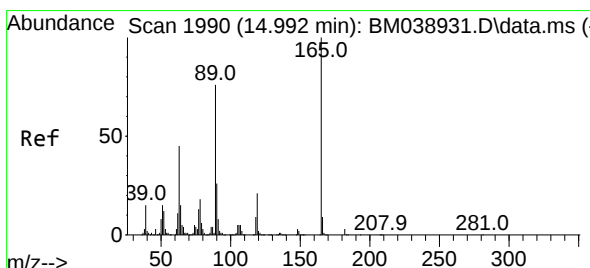
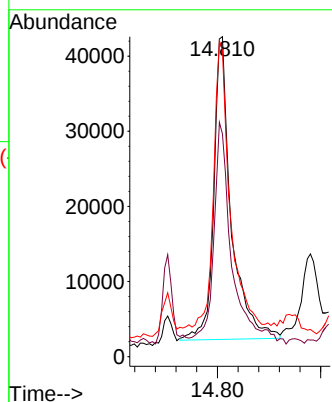
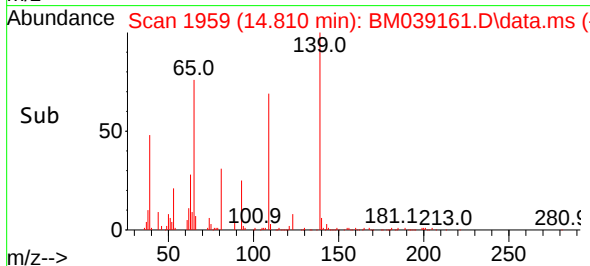
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



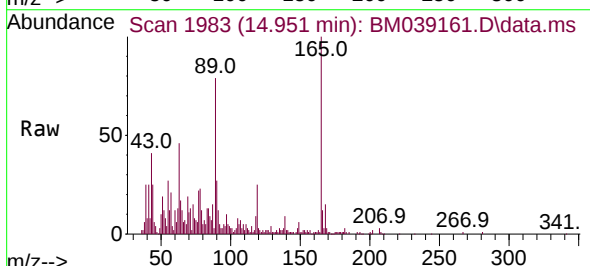
Tgt Ion:139 Resp: 95102
Ion Ratio Lower Upper
139 100
109 69.6 53.5 93.5
65 95.7 76.4 116.4

Manual Integrations
APPROVED

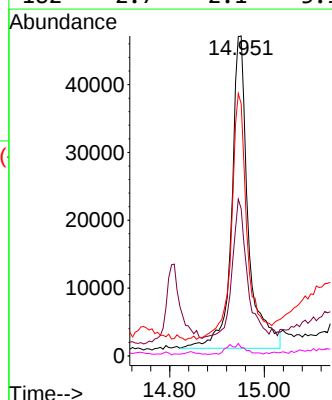
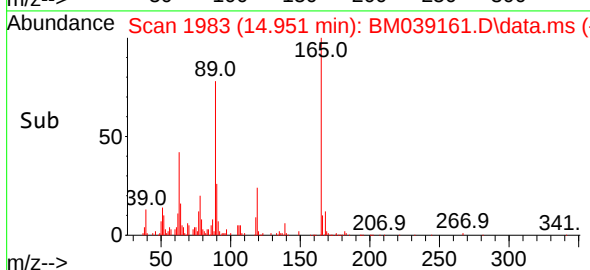
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

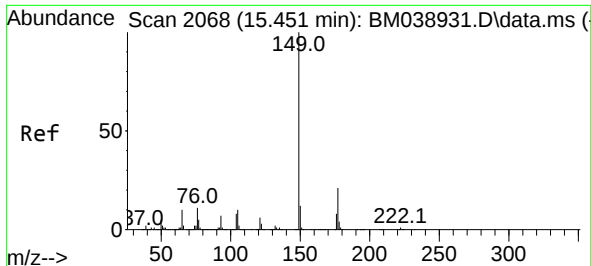


#57
2,4-Dinitrotoluene
Concen: 10.018 ng
RT: 14.951 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26



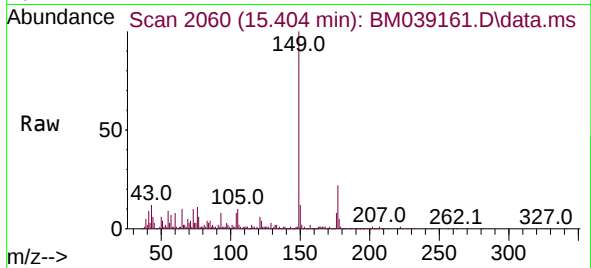
Tgt Ion:165 Resp: 112579
Ion Ratio Lower Upper
165 100
63 46.0 35.9 53.9
89 78.8 61.0 91.6
182 2.7 2.1 3.1





#60
Diethylphthalate
Concen: 7.578 ng
RT: 15.404 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

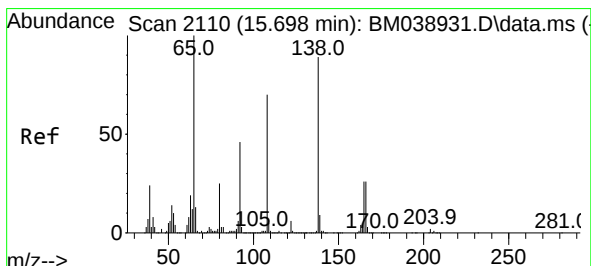
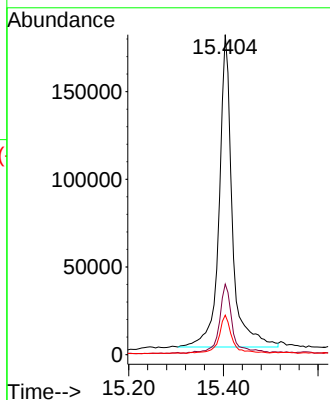
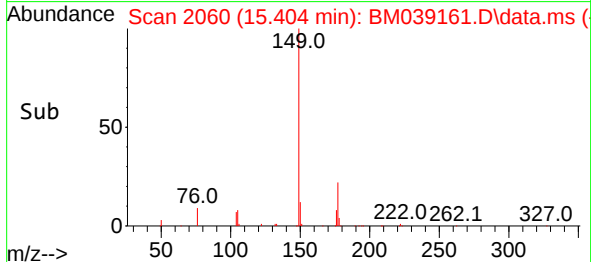
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:149 Resp: 343438
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.3 9.7 14.5

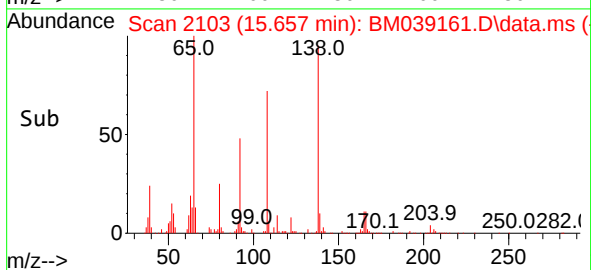
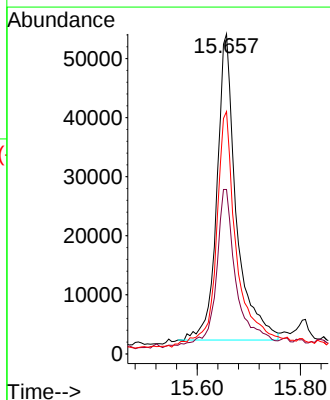
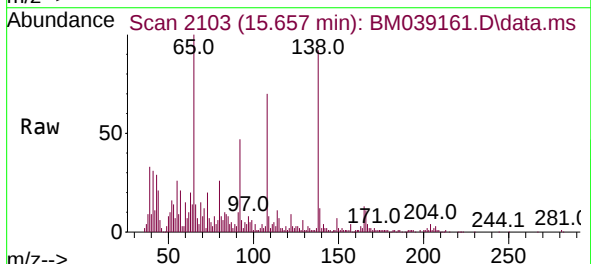
Manual Integrations
APPROVED

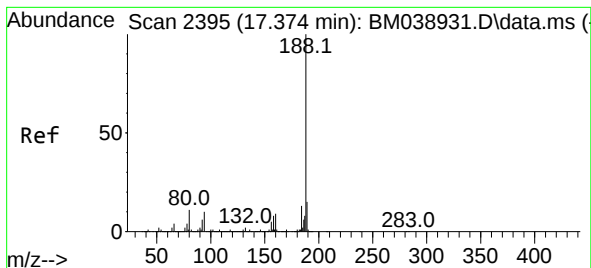
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#62
4-Nitroaniline
Concen: 12.420 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Tgt Ion:138 Resp: 135739
Ion Ratio Lower Upper
138 100
92 51.4 31.6 71.6
108 75.7 58.6 98.6





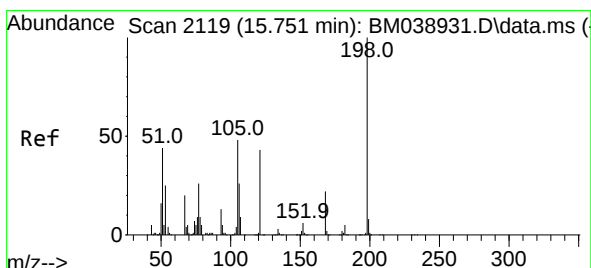
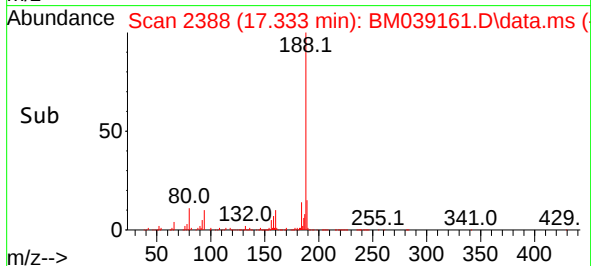
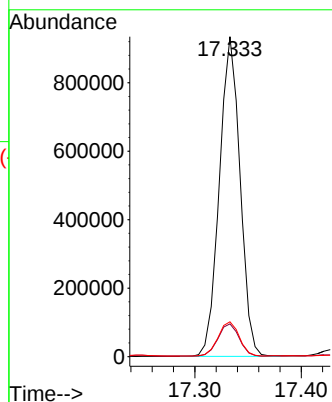
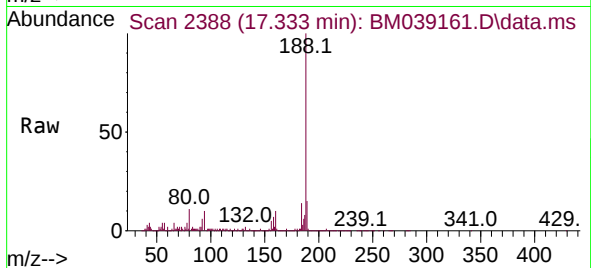
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.333 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:188 Resp: 1263810
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.9 8.5 12.7

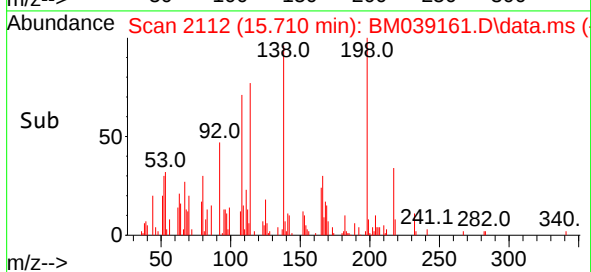
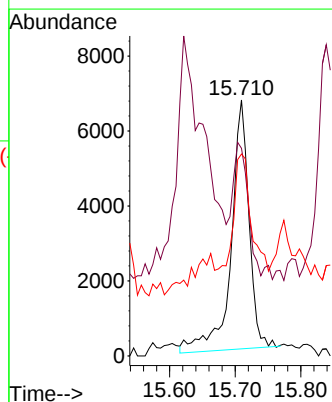
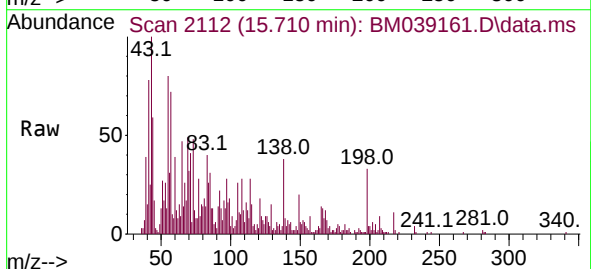
Manual Integrations
APPROVED

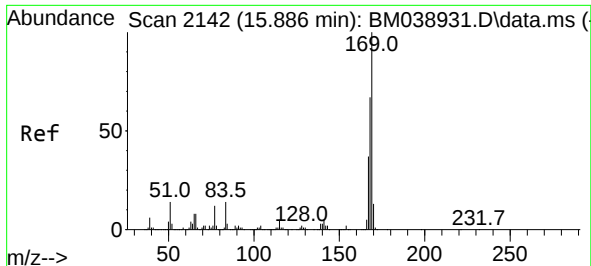
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 6.450 ng
RT: 15.710 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

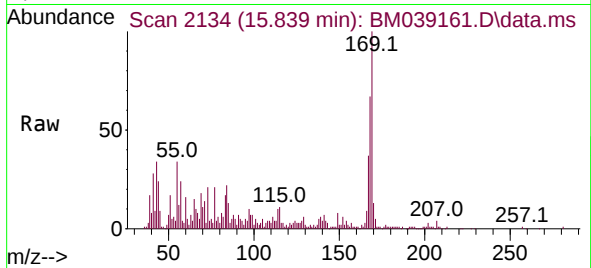
Tgt Ion:198 Resp: 12649
Ion Ratio Lower Upper
198 100
51 81.1 30.1 70.1#
105 78.9 29.3 69.3#





#66
n-Nitrosodiphenylamine
Concen: 2.138 ng
RT: 15.839 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

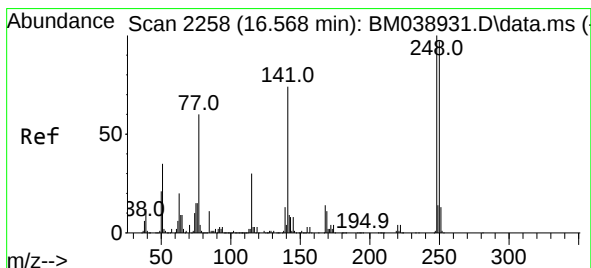
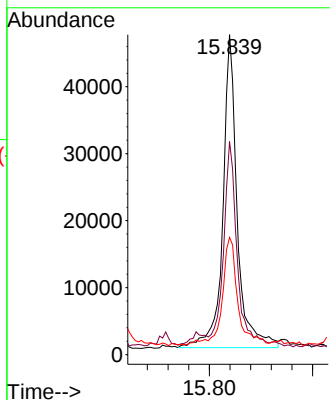
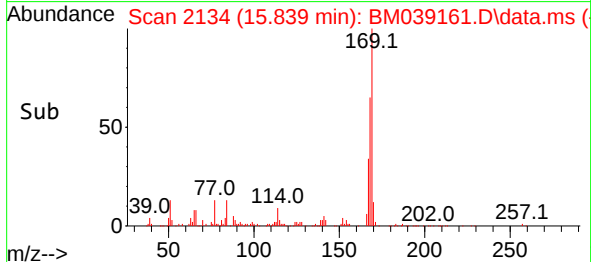
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:169 Resp: 91086
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.6 29.4 44.0

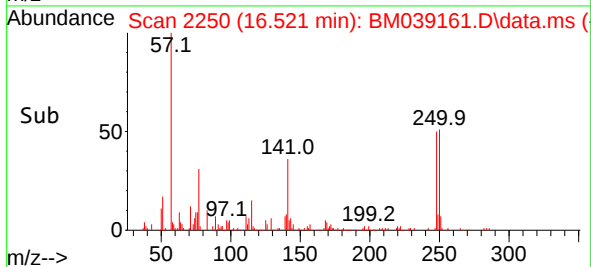
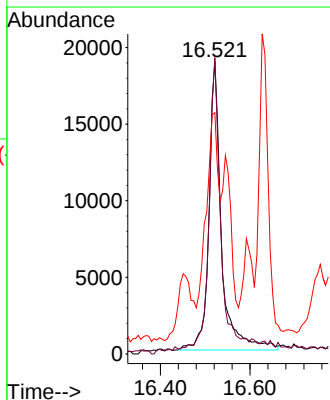
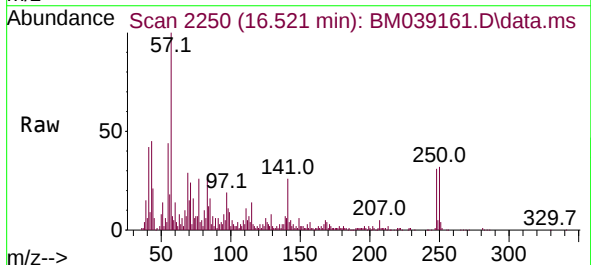
Manual Integrations
APPROVED

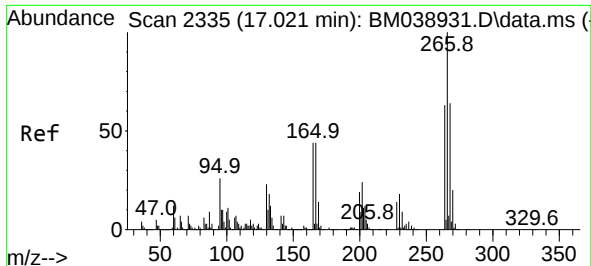
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#67
4-Bromophenyl-phenylether
Concen: 2.708 ng
RT: 16.521 min Scan# 2250
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

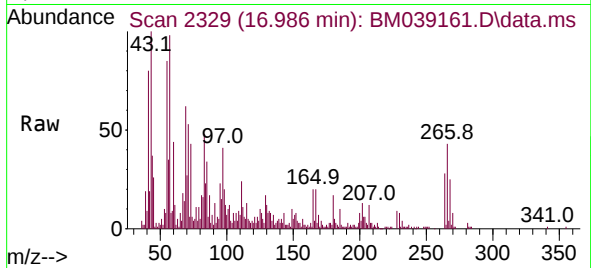
Tgt Ion:248 Resp: 36972
Ion Ratio Lower Upper
248 100
250 101.3 77.8 116.8
141 82.5 59.0 88.4





#70
Pentachlorophenol
Concen: 3.419 ng
RT: 16.986 min Scan# 2335
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

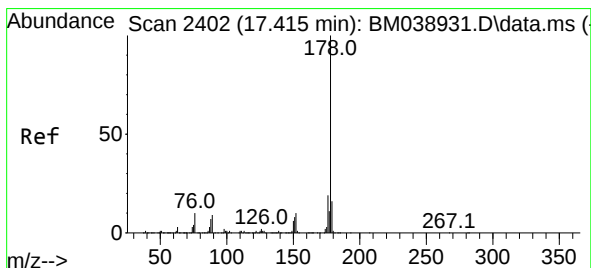
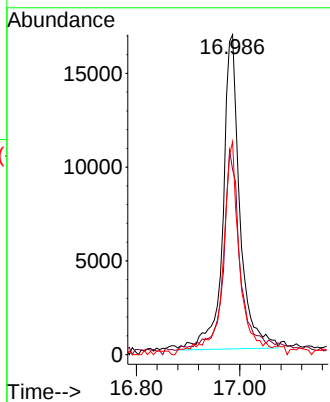
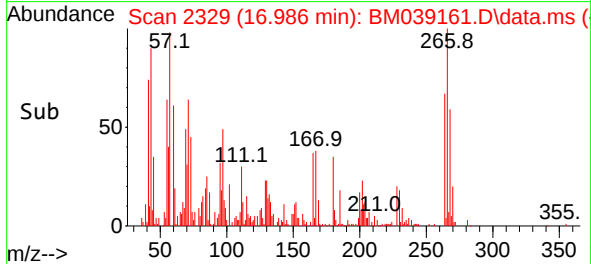
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:266 Resp: 3837
Ion Ratio Lower Upper
266 100
268 57.8 51.0 76.4
264 66.5 50.3 75.5

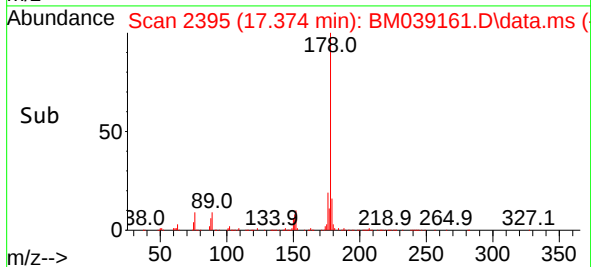
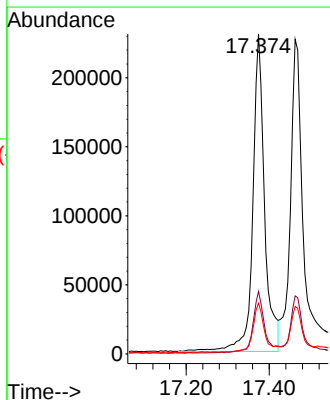
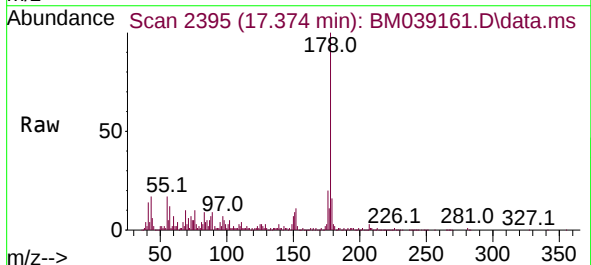
Manual Integrations
APPROVED

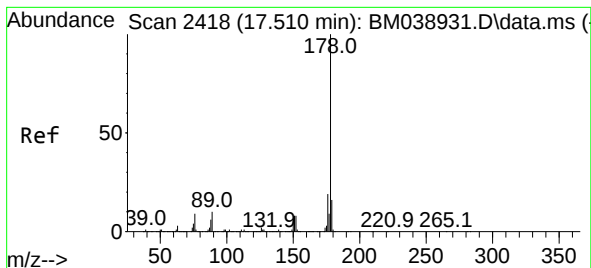
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#71
Phenanthrene
Concen: 6.097 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Tgt Ion:178 Resp: 452223
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.5 18.7





#72

Anthracene

Concen: 6.338 ng

RT: 17.462 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:178 Resp: 46882

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

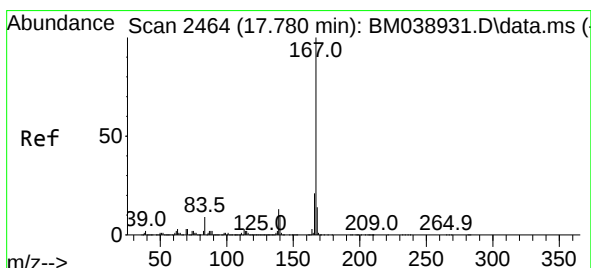
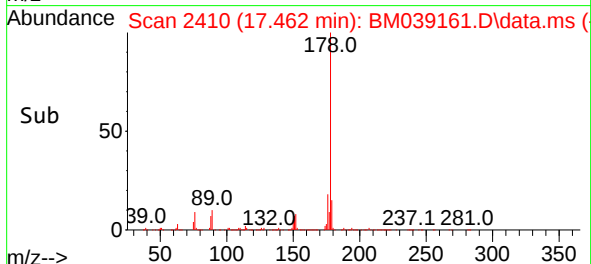
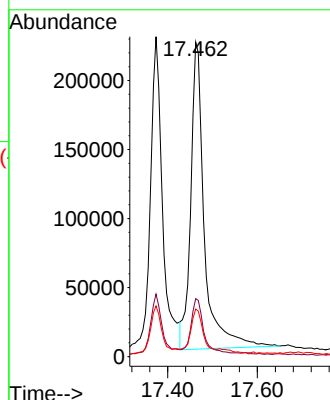
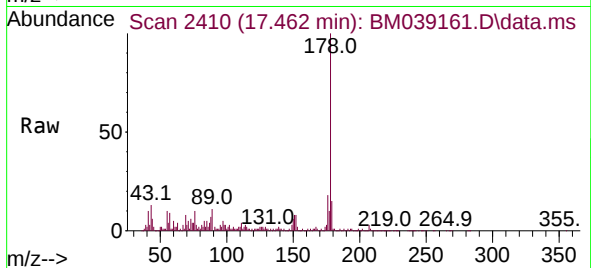
179 15.1 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#73

Carbazole

Concen: 19.908 ng

RT: 17.739 min Scan# 2457

Delta R.T. -0.000 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

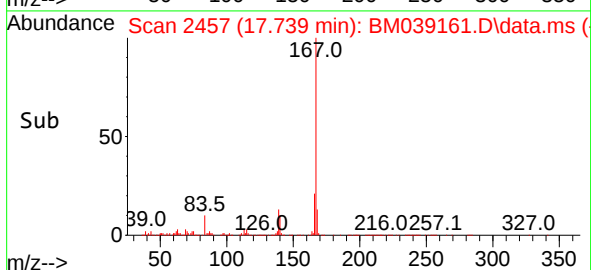
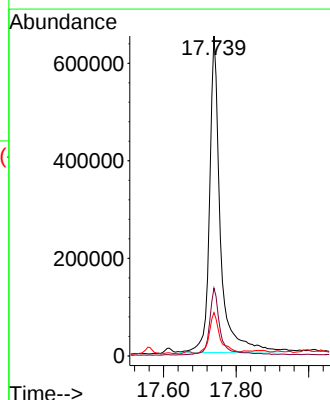
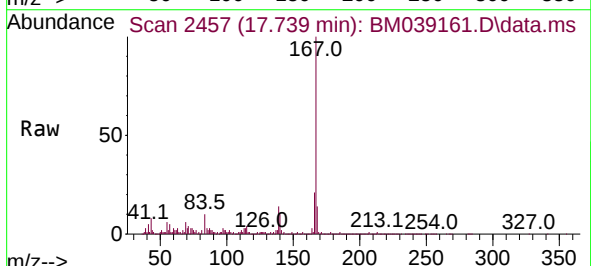
Tgt Ion:167 Resp: 1343950

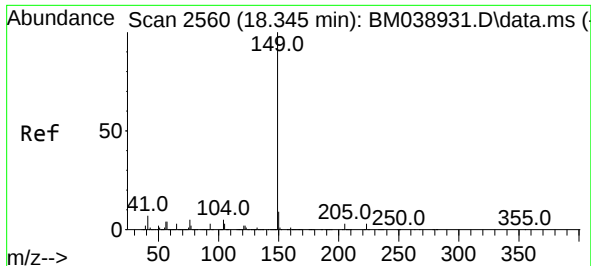
Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

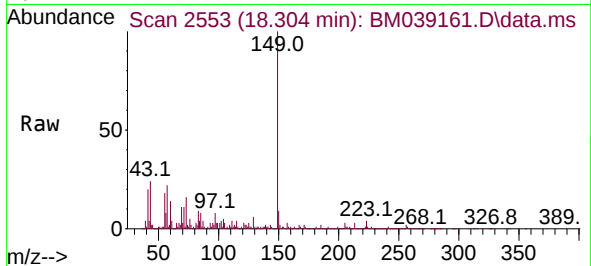
139 13.5 10.3 15.5





#74
Di-n-butylphthalate
Concen: 25.334 ng
RT: 18.304 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

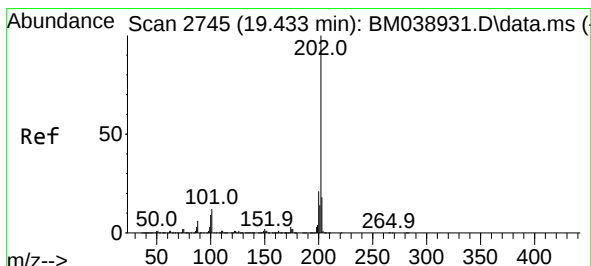
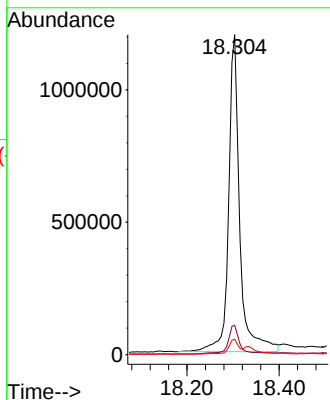
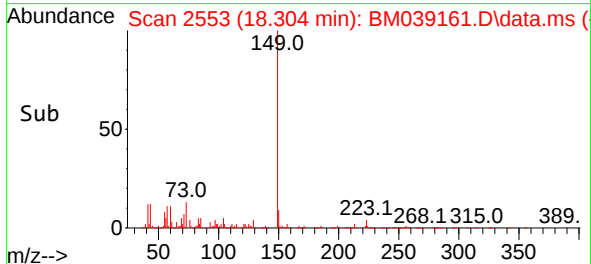
Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:149 Resp: 2013348
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.8 4.3 6.5

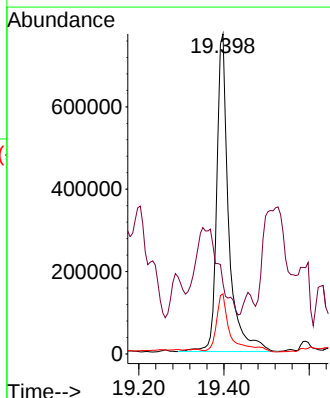
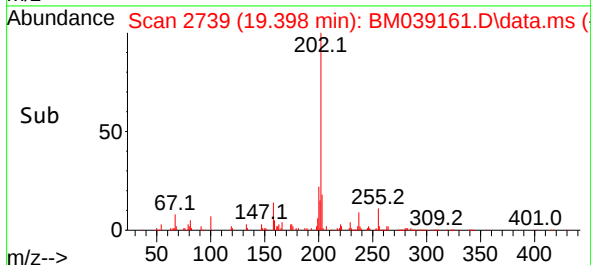
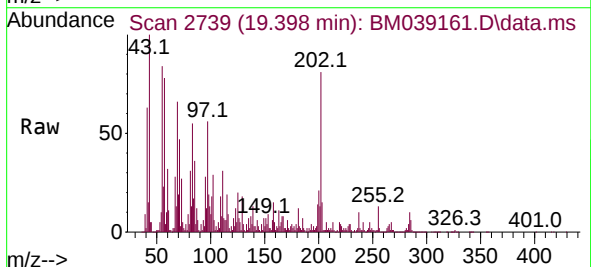
Manual Integrations
APPROVED

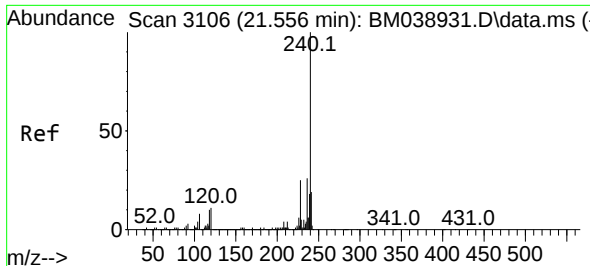
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#75
Fluoranthene
Concen: 19.236 ng
RT: 19.398 min Scan# 2739
Delta R.T. 0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Tgt Ion:202 Resp: 1506472
Ion Ratio Lower Upper
202 100
101 22.0 0.0 31.7
203 18.8 0.0 37.6





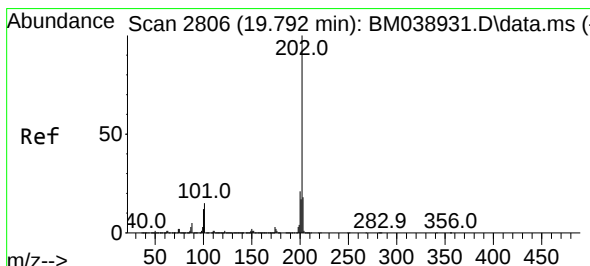
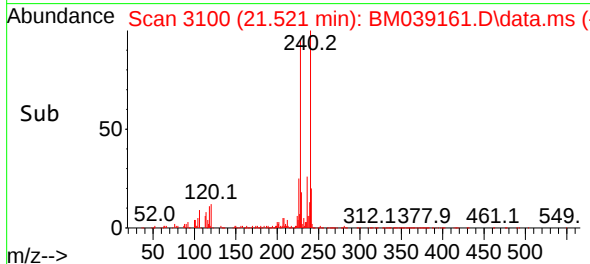
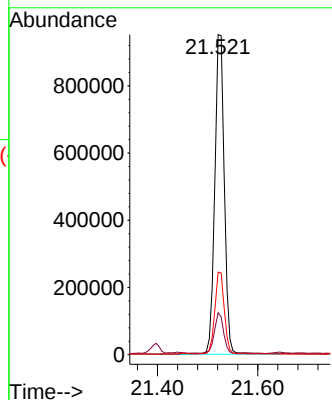
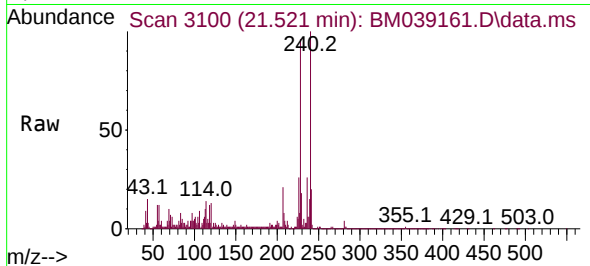
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3106
Delta R.T. 0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:240 Resp: 1251966
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 25.8 20.8 31.2

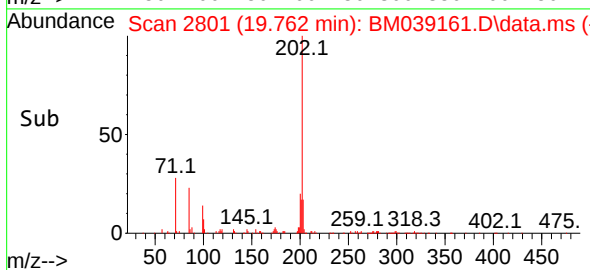
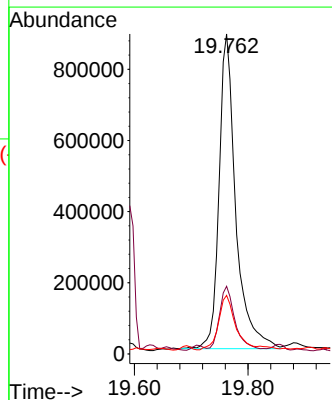
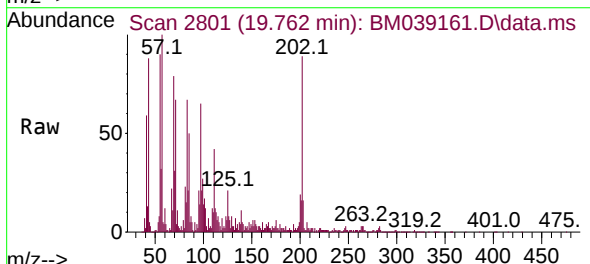
Manual Integrations
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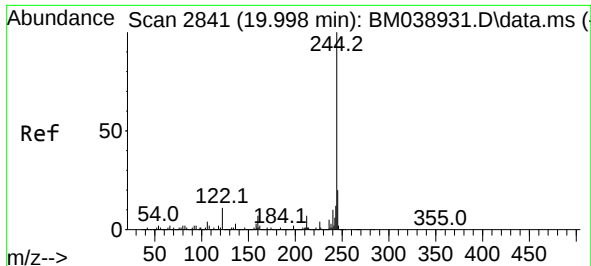
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#78
Pyrene
Concen: 19.126 ng
RT: 19.762 min Scan# 2801
Delta R.T. 0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

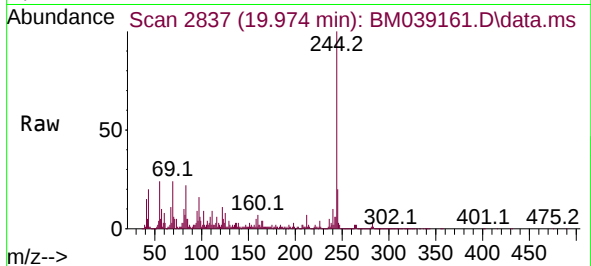
Tgt Ion:202 Resp: 1798479
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 75.287 ng
 RT: 19.974 min Scan# 2841
 Delta R.T. 0.018 min
 Lab File: BM039161.D
 Acq: 27 Mar 2023 15:26

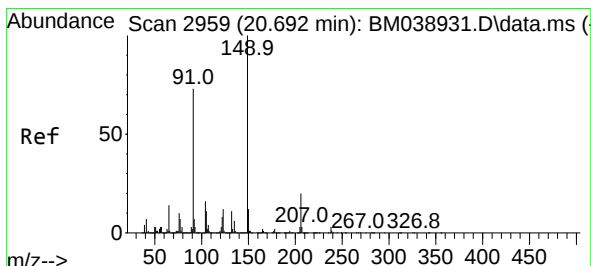
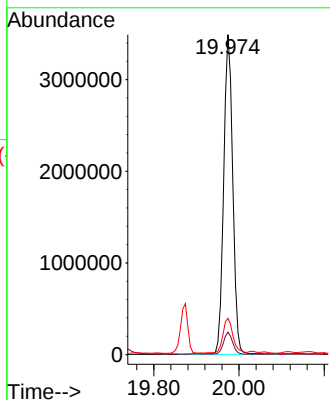
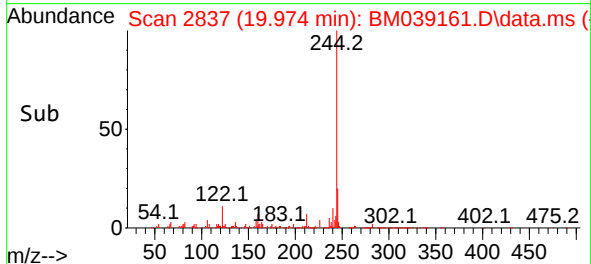
Instrument :
 BNA_M
 ClientSampleId :
 EFF-WASTE-WATER



Tgt Ion:244 Resp: 5155312
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.3 9.0 13.4

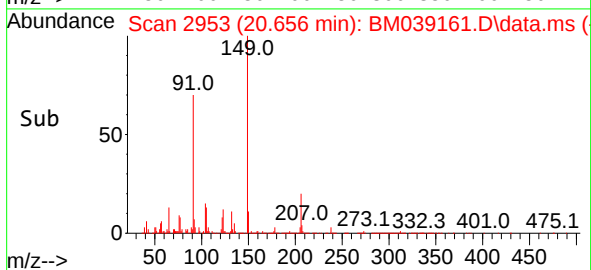
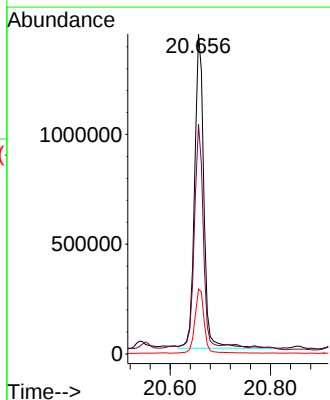
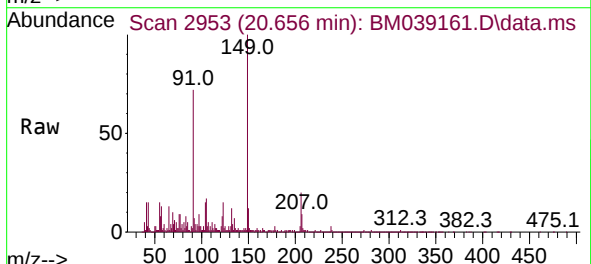
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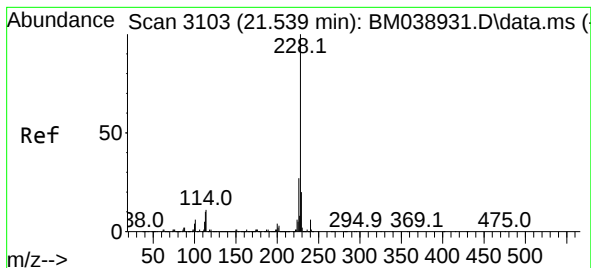
Reviewed By :Christian Giraldo 03/28/2023
 Supervised By :Jagrut Upadhyay 03/28/2023



#80
 Butylbenzylphthalate
 Concen: 45.849 ng
 RT: 20.656 min Scan# 2953
 Delta R.T. 0.012 min
 Lab File: BM039161.D
 Acq: 27 Mar 2023 15:26

Tgt Ion:149 Resp: 1826807
 Ion Ratio Lower Upper
 149 100
 91 71.7 58.4 87.6
 206 20.3 16.1 24.1





#81

Benzo(a)anthracene

Concen: 43.075 ng

RT: 21.509 min Scan# 30

Delta R.T. 0.012 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:228 Resp: 3883624

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

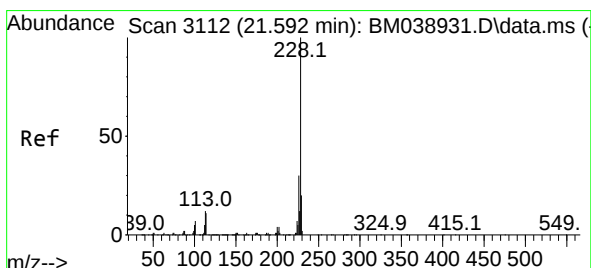
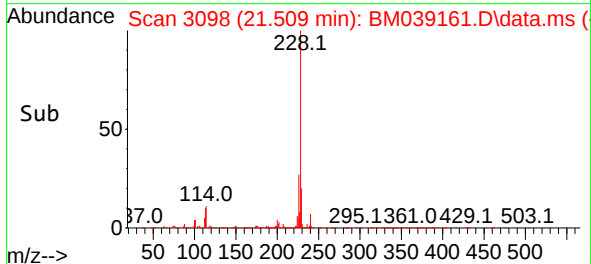
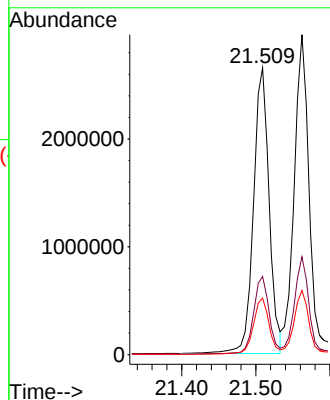
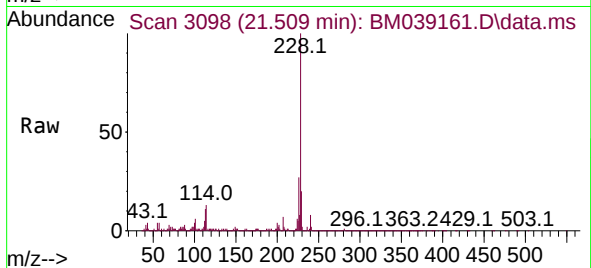
229 19.8 15.7 23.5

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#83

Chrysene

Concen: 48.697 ng

RT: 21.562 min Scan# 3107

Delta R.T. 0.012 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

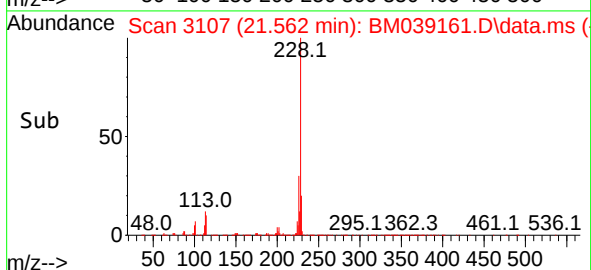
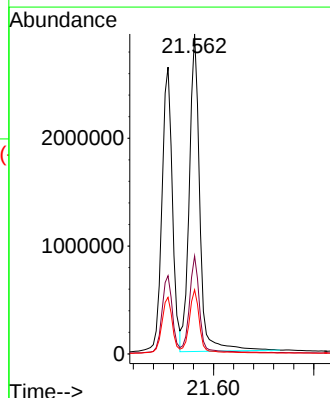
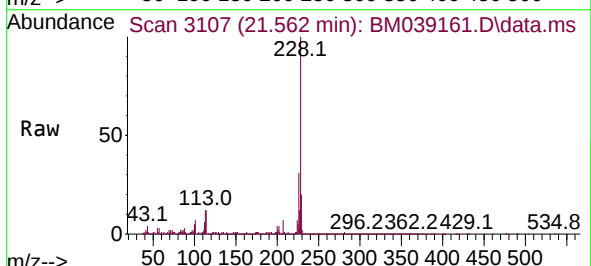
Tgt Ion:228 Resp: 4270178

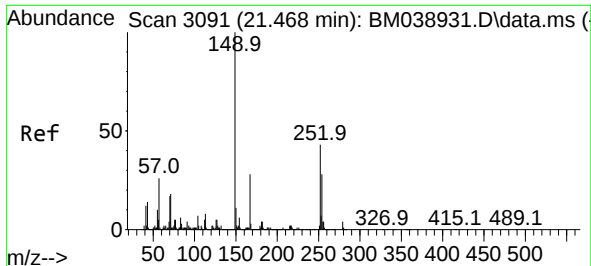
Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 20.0 16.0 24.0





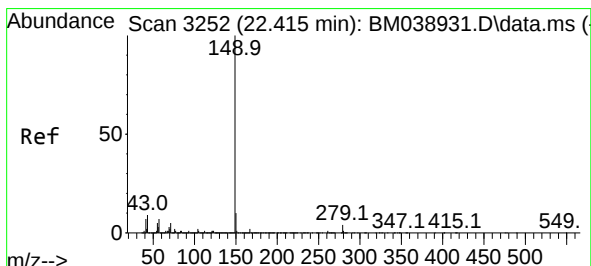
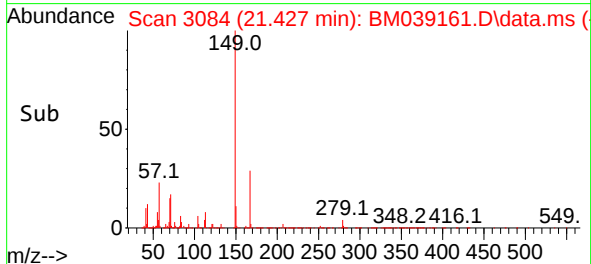
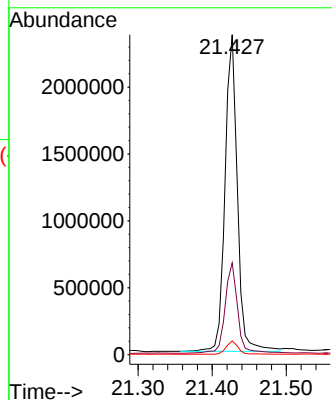
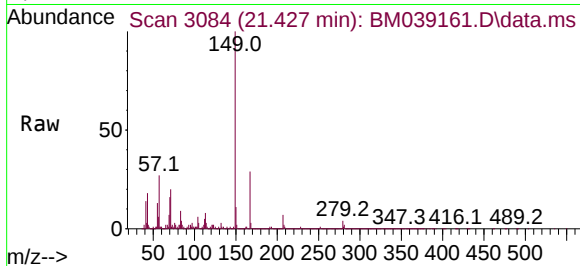
#84
Bis(2-ethylhexyl)phthalate
Concen: 47.312 ng
RT: 21.427 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:149 Resp: 2732922
Ion Ratio Lower Upper
149 100
167 28.7 22.3 33.5
279 4.3 3.2 4.8

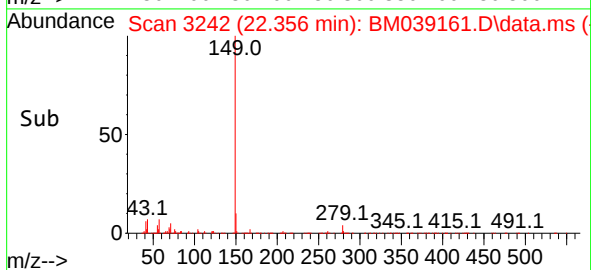
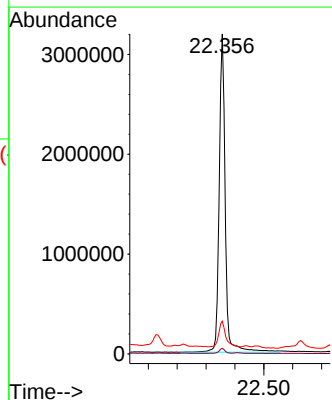
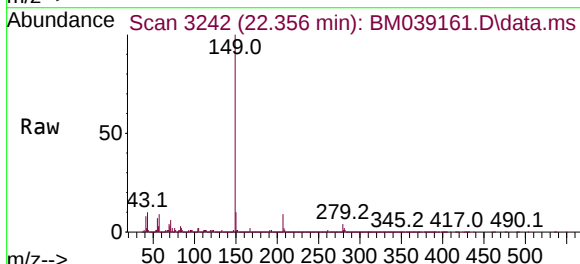
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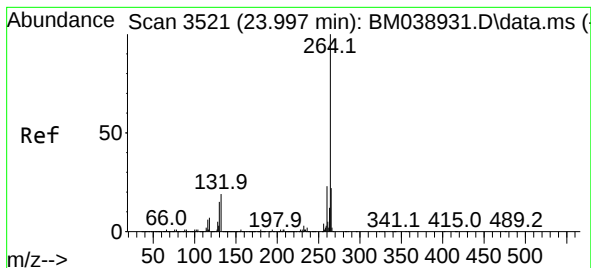
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#85
Di-n-octyl phthalate
Concen: 48.501 ng
RT: 22.356 min Scan# 3242
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Tgt Ion:149 Resp: 4657132
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.938 min Scan# 3511

Delta R.T. -0.000 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:264 Resp: 1432608

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

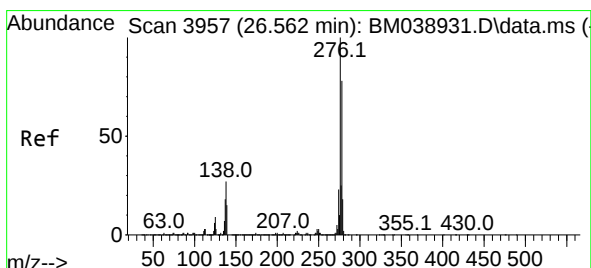
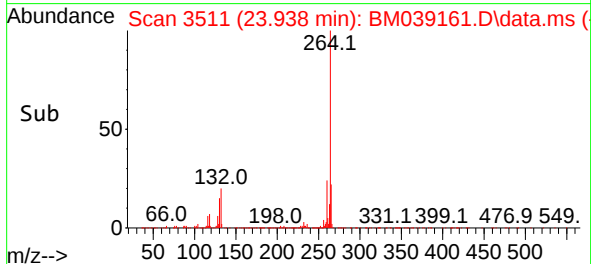
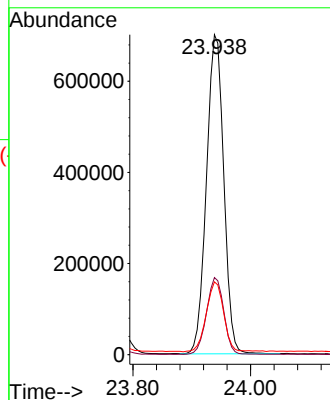
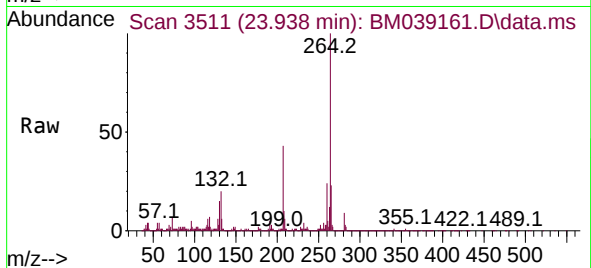
265 22.7 17.9 26.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.447 ng

RT: 26.450 min Scan# 3938

Delta R.T. -0.018 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

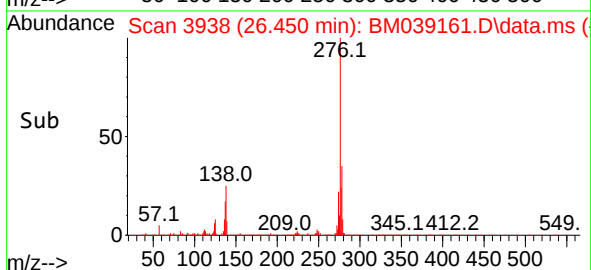
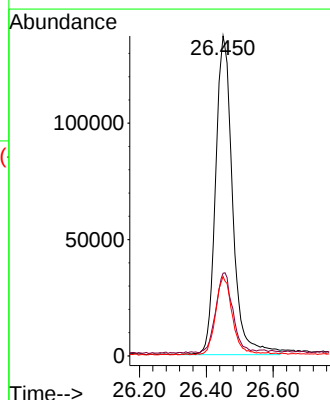
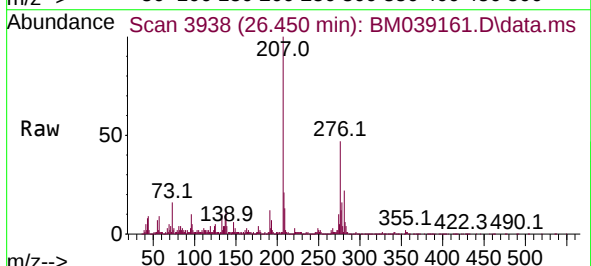
Tgt Ion:276 Resp: 484754

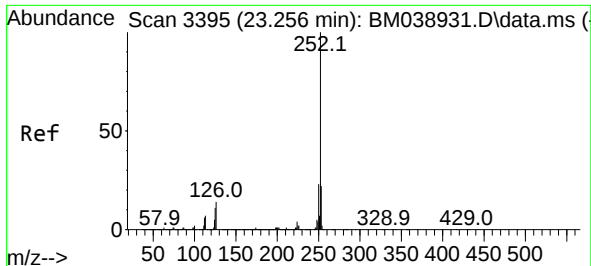
Ion Ratio Lower Upper

276 100

138 25.0 22.1 33.1

277 24.0 20.1 30.1





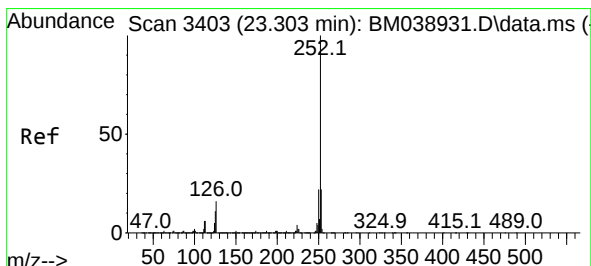
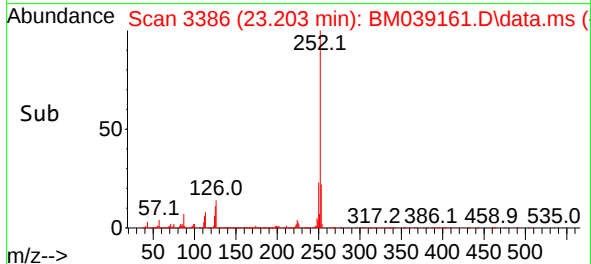
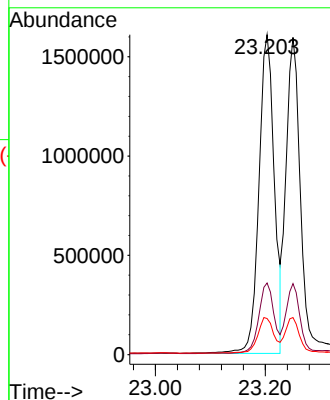
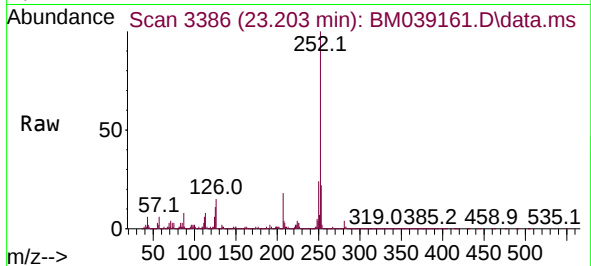
#88
Benzo(b)fluoranthene
Concen: 34.166 ng
RT: 23.203 min Scan# 3386
Delta R.T. 0.006 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:252 Resp: 3126983
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 11.3 8.8 13.2

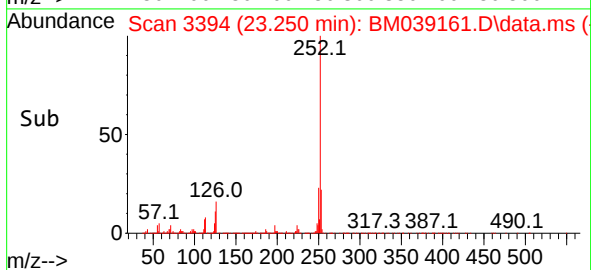
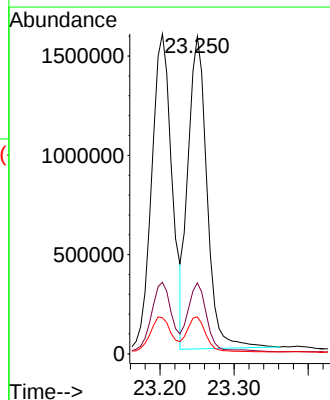
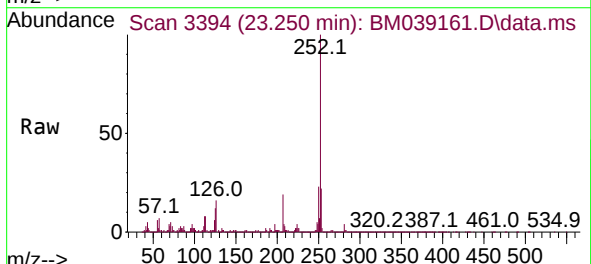
Manual Integrations
APPROVED

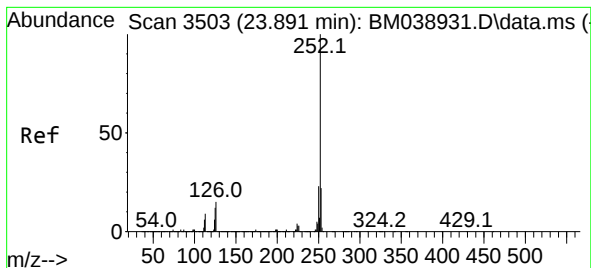
Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023



#89
Benzo(k)fluoranthene
Concen: 29.435 ng
RT: 23.250 min Scan# 3394
Delta R.T. -0.000 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Tgt Ion:252 Resp: 2803691
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.7 8.9 13.3





#90

Benzo(a)pyrene

Concen: 17.920 ng

RT: 23.833 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

Instrument :

BNA_M

ClientSampleId :

EFF-WASTE-WATER

Tgt Ion:252 Resp: 1578489

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

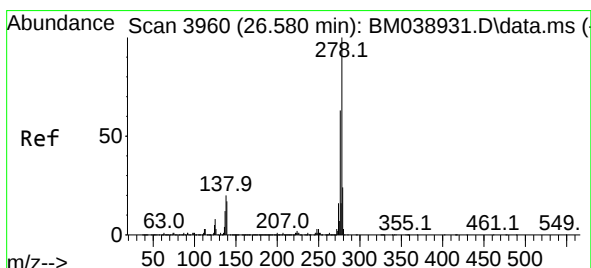
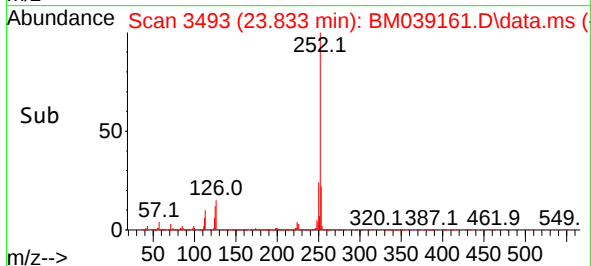
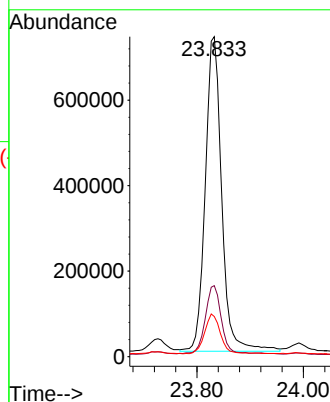
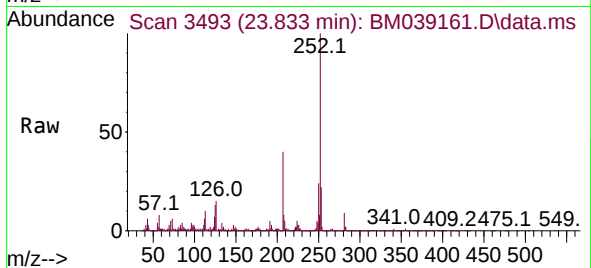
125 12.5 9.8 14.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2023

Supervised By :Jagrut Upadhyay 03/28/2023



#91

Dibenzo(a,h)anthracene

Concen: 2.678 ng

RT: 26.468 min Scan# 3941

Delta R.T. -0.012 min

Lab File: BM039161.D

Acq: 27 Mar 2023 15:26

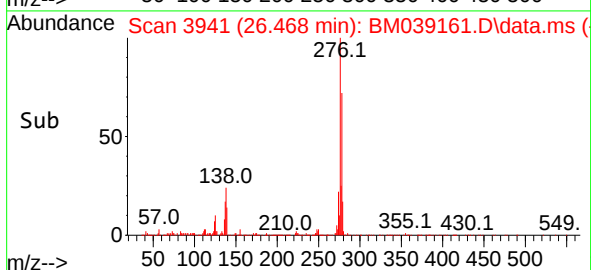
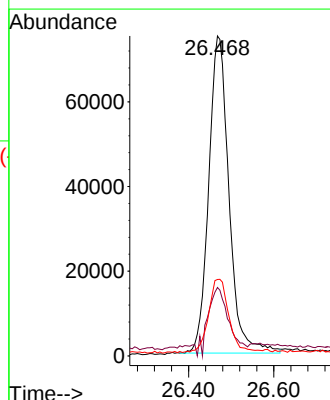
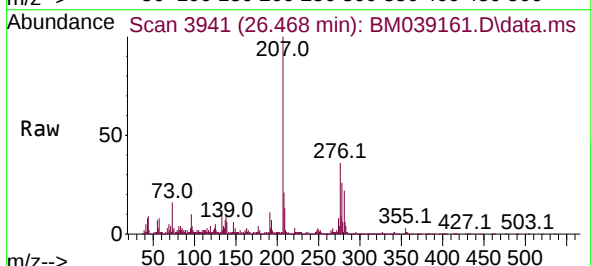
Tgt Ion:278 Resp: 247260

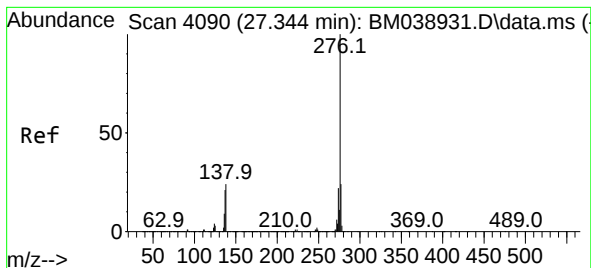
Ion Ratio Lower Upper

278 100

139 21.4 13.7 20.5#

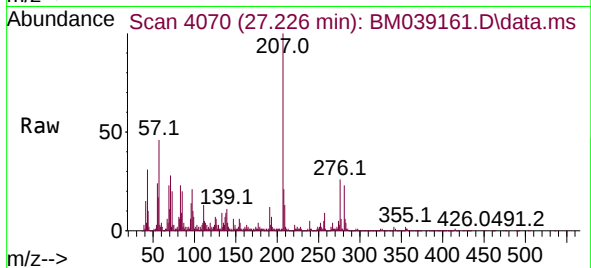
279 23.9 18.9 28.3





#92
Benzo(g,h,i)perylene
Concen: 2.911 ng
RT: 27.226 min Scan# 40
Delta R.T. -0.018 min
Lab File: BM039161.D
Acq: 27 Mar 2023 15:26

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER



Tgt Ion:276 Resp: 262886
Ion Ratio Lower Upper
276 100
277 24.6 19.3 28.9
138 36.5 19.0 28.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

