

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
 Data File : BM042322.D
 Acq On : 17 Oct 2023 15:48
 Operator : MA/JU
 Sample : 03573-02
 Misc : SFAM-MDL-WATER-02
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT3-2023-06

Quant Time: Oct 18 01:59:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	150887	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	677492	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	411519	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	857623	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	751738	20.000	ng/u1	-0.01
88) Perylene-d12	24.056	264	741487	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	33075	6.849	ng/uL	0.00
4) Pyridine-d5	3.805	84	444709	31.094	ng/u1	0.00
7) Phenol-d5	7.157	99	475430	28.431	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	328614	29.084	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	330745	28.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	357724	27.012	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	166827	28.994	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	176969	28.772	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	307262	27.374	ng/u1	0.00
31) 4-Chloroaniline-d4	10.992	131	474004	26.821	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	989116	27.727	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	1149243	29.435	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	186551	26.000	ng/u1	-0.01
60) Fluorene-d10	15.645	176	854172	29.128	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	141807	23.604	ng/u1	0.00
73) Anthracene-d10	17.504	188	1263173	28.752	ng/u1	0.00
81) Pyrene-d10	19.798	212	1453292	31.720	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.897	264	1271419	31.239	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	6629	1.252	ng/uL	91
5) Pyridine	3.828	79	68302	4.613	ng/u1#	71
6) Benzaldehyde	7.169	77	54705	6.399	ng/u1	99
8) Phenol	7.187	94	74829	4.431	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.446	93	66462	4.739	ng/u1	98
12) 2-Chlorophenol	7.563	128	54385	4.526	ng/u1	99
13) 2-Methylphenol	8.451	108	49482	3.926	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	113549m	4.749	ng/u1	
16) Acetophenone	8.863	105	94763	4.609	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.828	70	53020	4.357	ng/u1	98
18) 4-Methylphenol	8.781	108	57782	4.160	ng/u1	93
19) Hexachloroethane	9.081	117	23291	4.595	ng/u1	96
22) Nitrobenzene	9.251	77	76270	4.687	ng/u1	99
23) Isophorone	9.763	82	134043	4.248	ng/u1	100
25) 2-Nitrophenol	9.957	139	30523	4.535	ng/u1	98
26) 2,4-Dimethylphenol	9.992	107	56111	3.923	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	91153	4.620	ng/u1	98
29) 2,4-Dichlorophenol	10.475	162	48236	4.400	ng/u1	96
30) Naphthalene	10.886	128	184696	4.651	ng/u1	100
32) 4-Chloroaniline	11.022	127	77247	4.522	ng/u1	99
33) Hexachlorobutadiene	11.116	225	28925	4.571	ng/u1	94
34) Caprolactam	11.857	113	25940	6.480	ng/u1	87
35) 4-Chloro-3-methylphenol	12.116	107	54459	4.033	ng/u1	98
36) 2-Methylnaphthalene	12.486	142	121026	4.452	ng/u1	99

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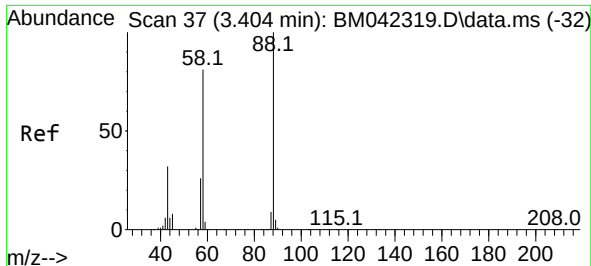
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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Reviewed By :Yogesh Patel 10/18/2023
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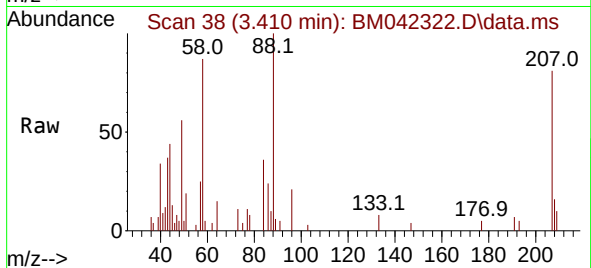
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	127983	4.658	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.833	216	57888	4.467	ng/ul	99
40) Hexachlorocyclopentadiene	12.780	237	40296	4.805	ng/ul	96
41) 2,4,6-Trichlorophenol	13.086	196	33739	3.894	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	38061	4.092	ng/ul	94
43) 1,1'-Biphenyl	13.492	154	163816	4.645	ng/ul	98
44) 2-Chloronaphthalene	13.539	162	124146	4.592	ng/ul	99
45) 2-Nitroaniline	13.775	65	36466	3.752	ng/ul	99
47) Dimethylphthalate	14.116	163	160027	4.508	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	23998	3.734	ng/ul	97
50) Acenaphthylene	14.386	152	212396	4.710	ng/ul	99
51) 3-Nitroaniline	14.598	138	27452	3.624	ng/ul	91
52) Acenaphthene	14.716	153	140233	4.630	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	31960	7.348	ng/ul	94
55) 4-Nitrophenol	14.880	109	23509	4.039	ng/ul	83
56) Dibenzofuran	15.051	168	188523	4.633	ng/ul	99
57) 2,4-Dinitrotoluene	15.039	165	38016	4.012	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.269	232	30422	3.897	ng/ul	98
59) Diethylphthalate	15.463	149	161848	4.467	ng/ul	99
61) Fluorene	15.698	166	154286	4.572	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	71971	4.417	ng/ul	98
63) 4-Nitroaniline	15.763	138	30269	4.468	ng/ul#	52
66) 4,6-Dinitro-2-methylph...	15.786	198	25589	4.073	ng/ul#	88
67) N-Nitrosodiphenylamine	15.916	169	123682	4.533	ng/ul	98
68) 4-Bromophenyl-phenylether	16.586	248	39117	4.241	ng/ul	98
69) Hexachlorobenzene	16.668	284	45054	4.296	ng/ul	98
70) Atrazine	16.857	200	36806	3.931	ng/ul	96
71) Pentachlorophenol	17.033	266	40717	5.729	ng/ul	98
72) Phenanthrene	17.445	178	242596	4.611	ng/ul	100
74) Anthracene	17.539	178	241727	4.568	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	55283	4.351	ng/uL	97
76) Pentachlorobenzene	14.945	250	59247	4.748	ng/uL	99
77) Carbazole	17.821	167	207327	4.301	ng/ul	100
78) Di-n-butylphthalate	18.345	149	247467	4.056	ng/ul	100
80) Fluoranthene	19.456	202	246887	4.550	ng/ul	97
82) Pyrene	19.821	202	278671	4.885	ng/ul#	93
83) Butylbenzylphthalate	20.703	149	97169	3.996	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.509	252	65881	3.669	ng/ul	98
85) Benzo(a)anthracene	21.568	228	247093	4.333	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	147268	4.099	ng/ul	98
87) Chrysene	21.621	228	230523	4.396	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	235099	3.925	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	221691	4.400	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	221649	4.448	ng/ul	97
93) Benzo(a)pyrene	23.944	252	210991	4.475	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.650	276	218583	3.817	ng/ul	96
95) Dibenzo(a,h)anthracene	26.674	278	182589	3.844	ng/ul	98
96) Benzo(g,h,i)perylene	27.456	276	172932	3.860	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.252 ng/uL
RT: 3.410 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

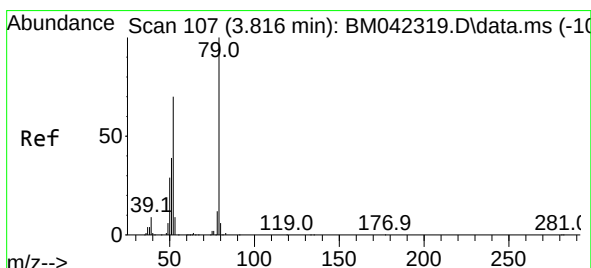
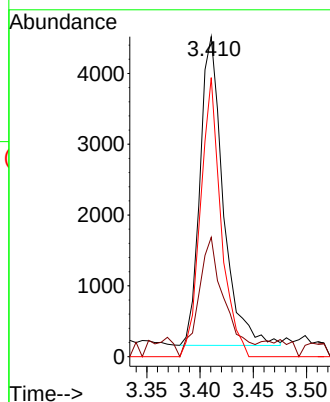
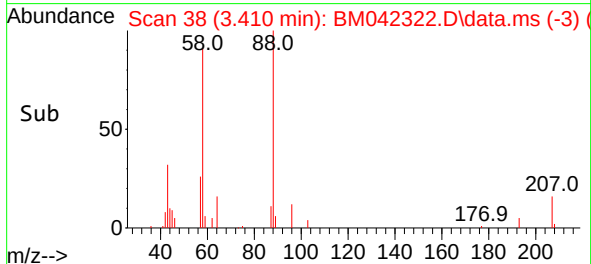
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion: 88 Resp: 6629
Ion Ratio Lower Upper
88 100
43 37.3 27.5 41.3
58 87.2 61.8 92.8

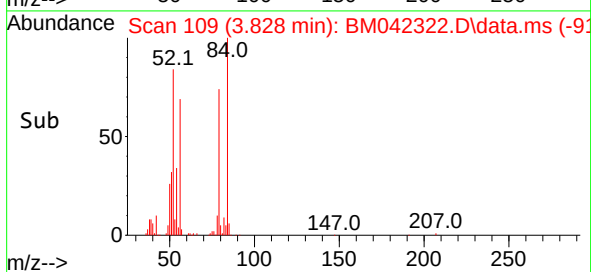
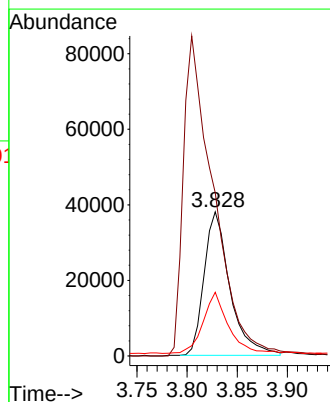
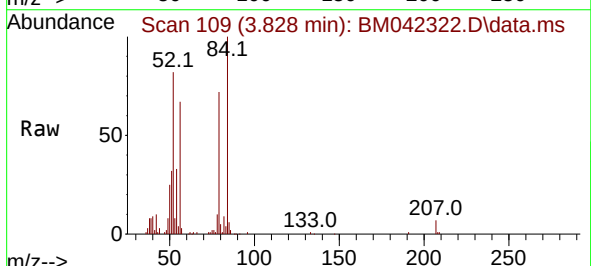
Manual Integrations
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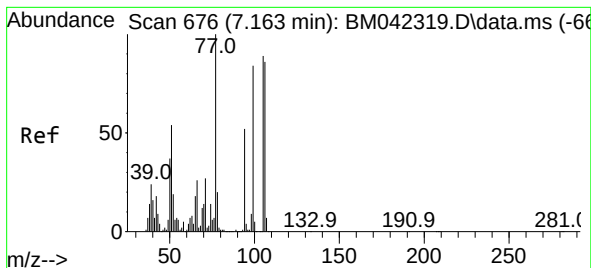
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#5
Pyridine
Concen: 4.613 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion: 79 Resp: 68302
Ion Ratio Lower Upper
79 100
52 113.1 63.8 95.6#
51 44.2 30.2 45.2





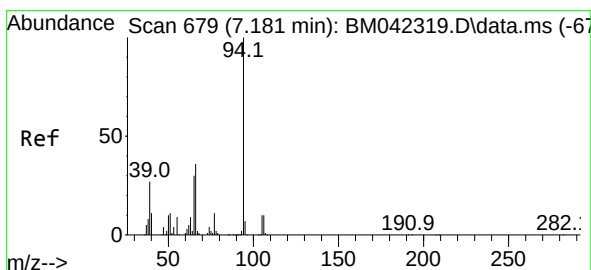
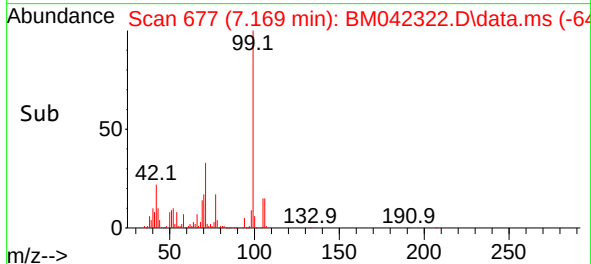
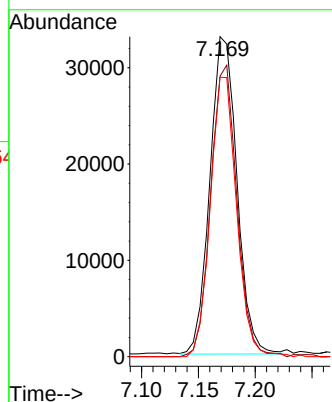
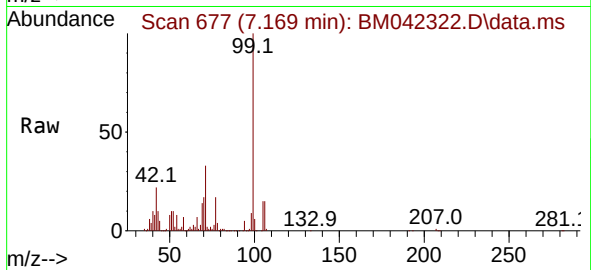
#6
Benzaldehyde
Concen: 6.399 ng/u1
RT: 7.169 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06

Tgt Ion: 77 Resp: 5470
Ion Ratio Lower Upper
77 100
105 87.6 70.6 105.8
106 87.3 71.6 107.4

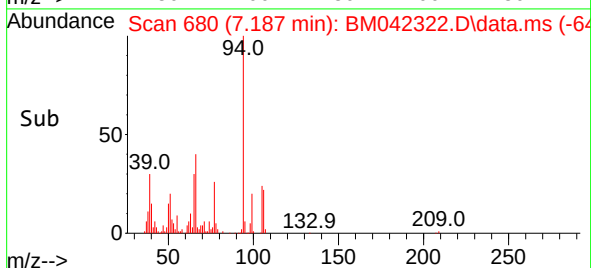
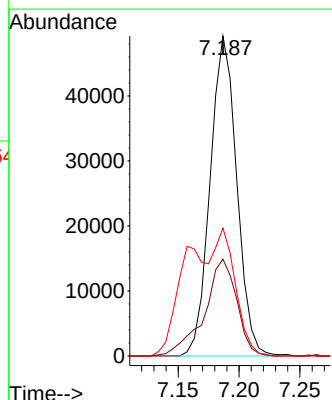
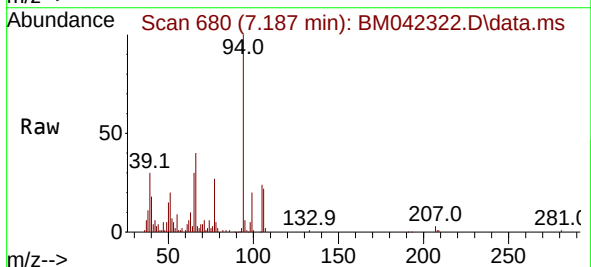
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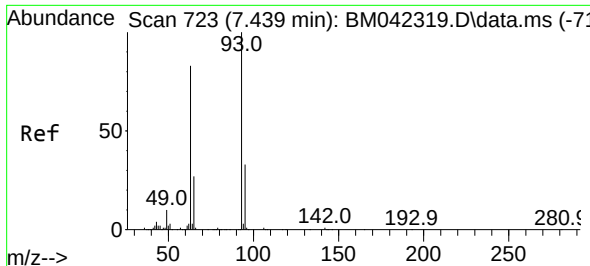
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#8
Phenol
Concen: 4.431 ng/u1
RT: 7.187 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion: 94 Resp: 74829
Ion Ratio Lower Upper
94 100
65 30.3 24.1 36.1
66 40.0 30.7 46.1





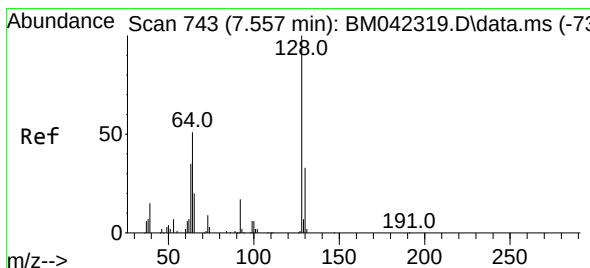
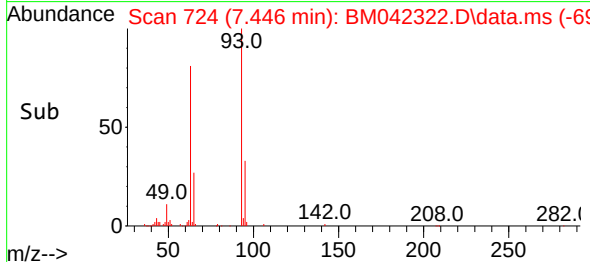
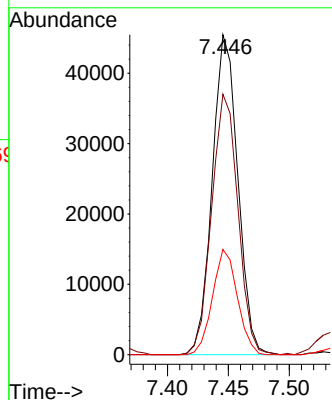
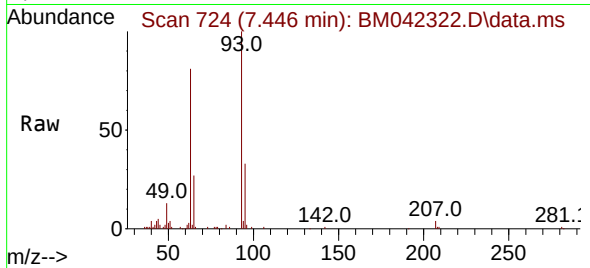
#10
Bis(2-Chloroethyl)ether
Concen: 4.739 ng/ul
RT: 7.446 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06

Tgt Ion: 93 Resp: 66462
Ion Ratio Lower Upper
93 100
63 81.4 67.3 100.9
95 32.9 26.7 40.1

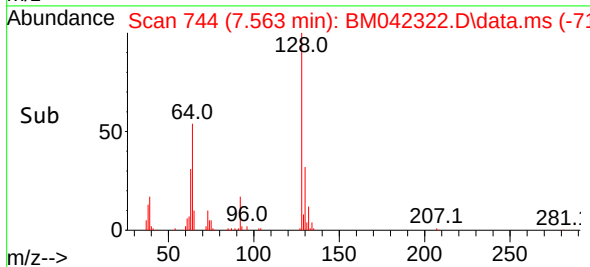
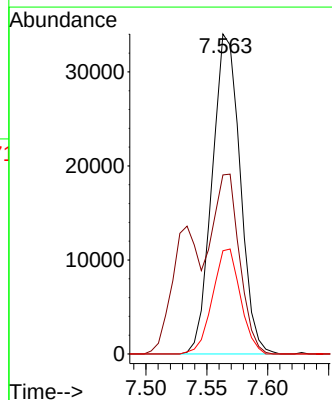
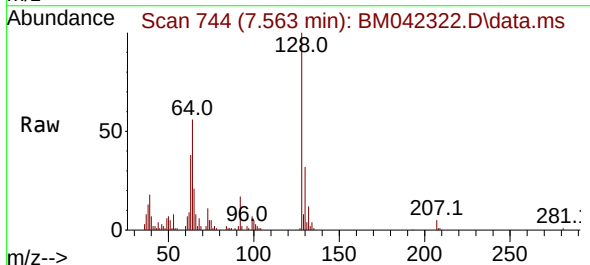
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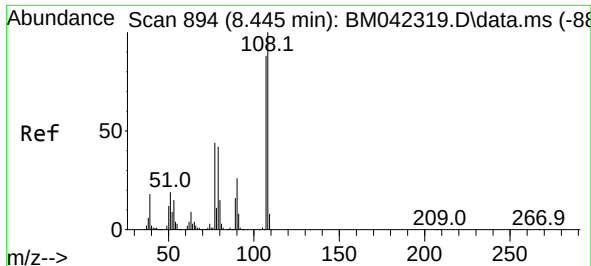
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#12
2-Chlorophenol
Concen: 4.526 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion:128 Resp: 54385
Ion Ratio Lower Upper
128 100
64 56.0 43.8 65.6
130 32.3 25.9 38.9





#13

2-Methylphenol

Concen: 3.926 ng/ul

RT: 8.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06

Tgt Ion:108 Resp: 4948

Ion Ratio Lower Upper

108 100

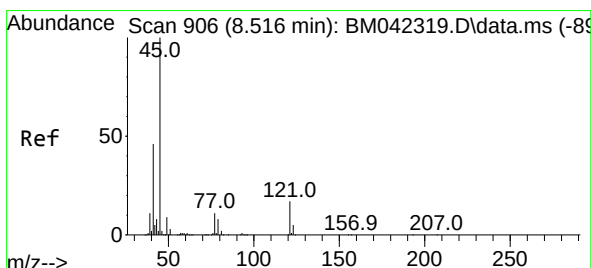
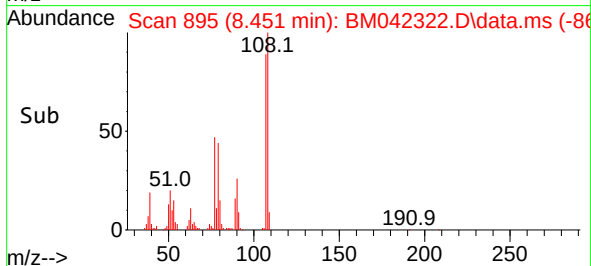
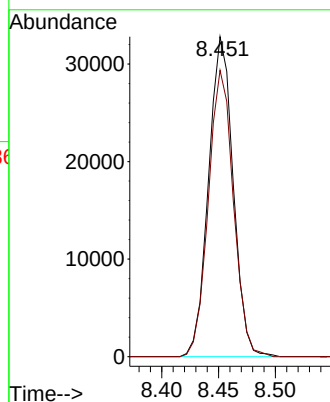
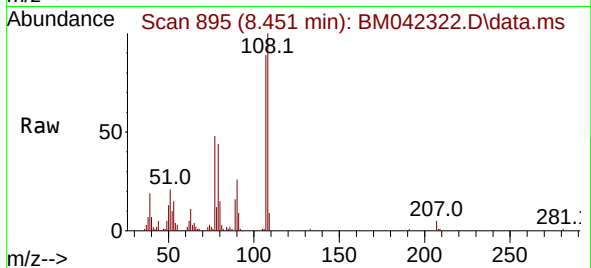
107 89.5 70.6 106.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/19/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.749 ng/ul m

RT: 8.522 min Scan# 907

Delta R.T. 0.000 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

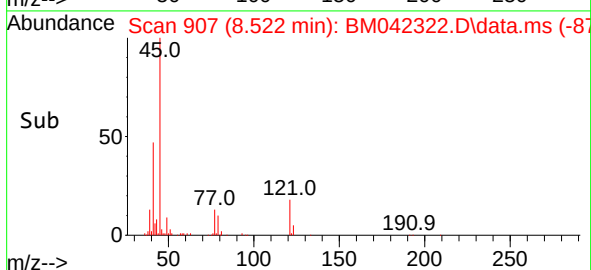
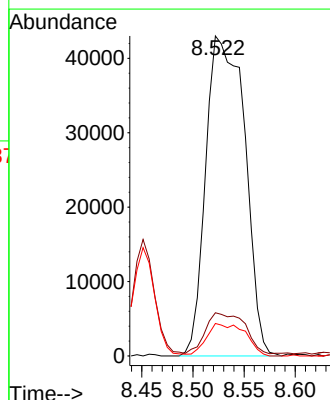
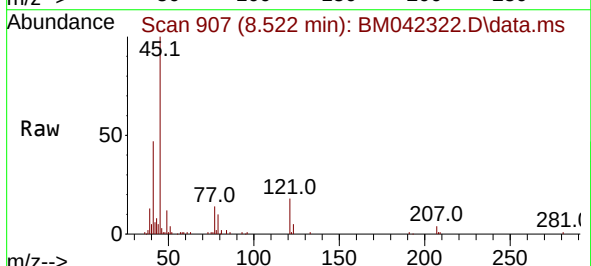
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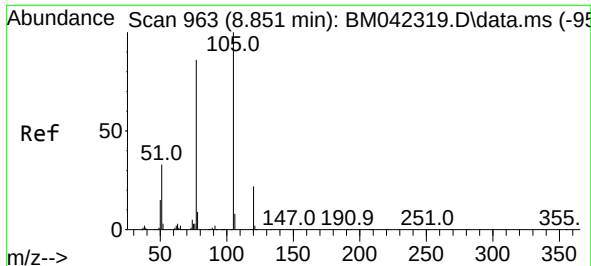
Ion Ratio Lower Upper

45 100

77 13.5 10.5 15.7

79 10.2 7.3 10.9





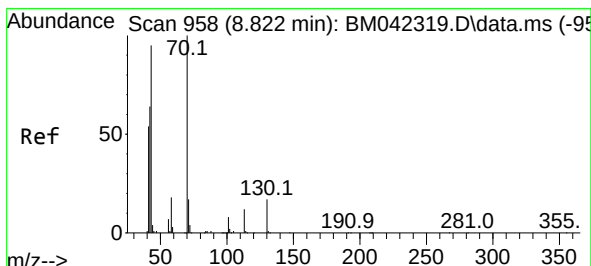
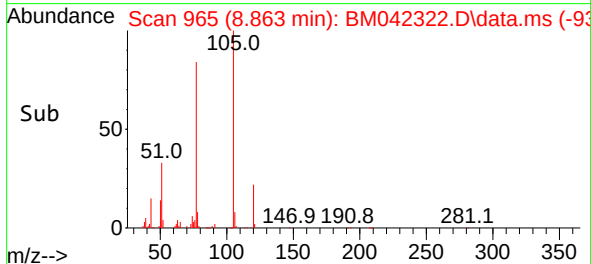
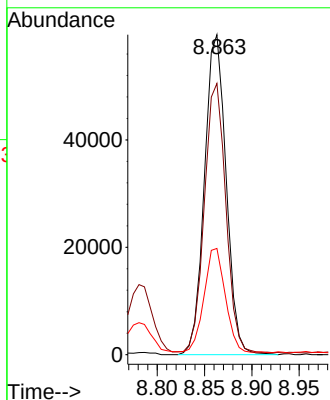
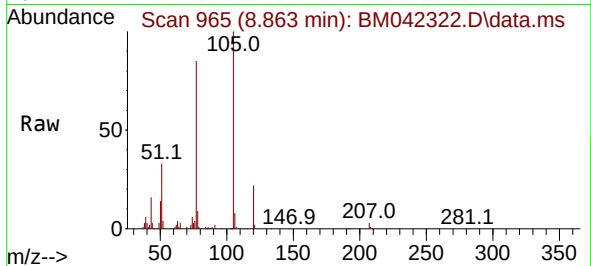
#16
Acetophenone
Concen: 4.609 ng/ul
RT: 8.863 min Scan# 90
Delta R.T. 0.006 min
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ClientSampleId :
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Tgt Ion:105 Resp: 9476
Ion Ratio Lower Upper
105 100
77 84.7 67.8 101.8
51 33.2 26.9 40.3

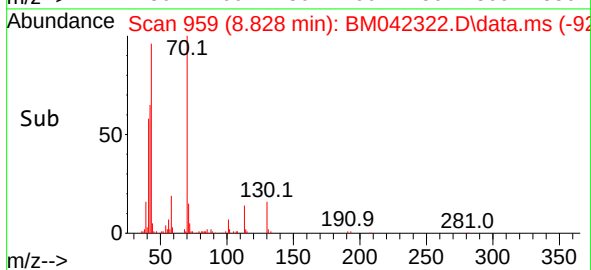
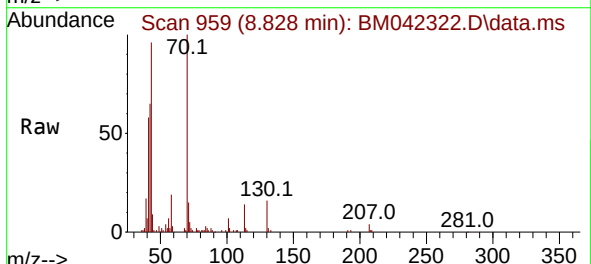
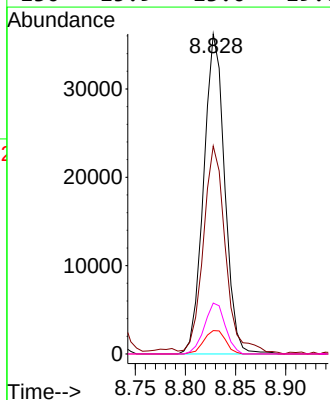
Manual Integrations
APPROVED

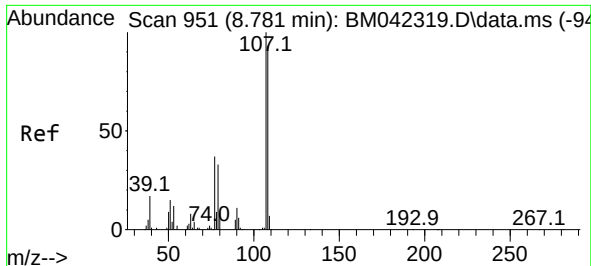
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.357 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

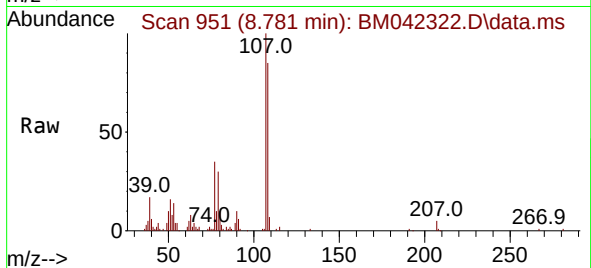
Tgt Ion: 70 Resp: 53020
Ion Ratio Lower Upper
70 100
42 65.0 51.0 76.4
101 7.3 6.7 10.1
130 15.9 13.0 19.6





#18
4-Methylphenol
Concen: 4.160 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

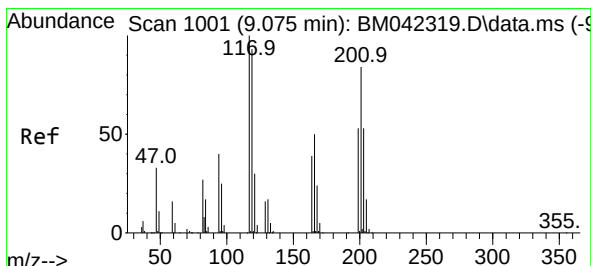
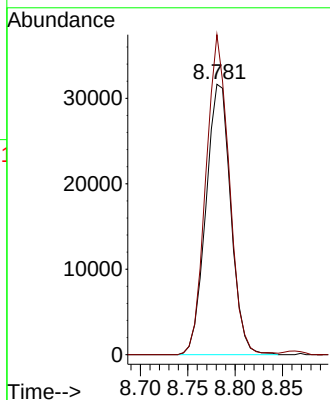
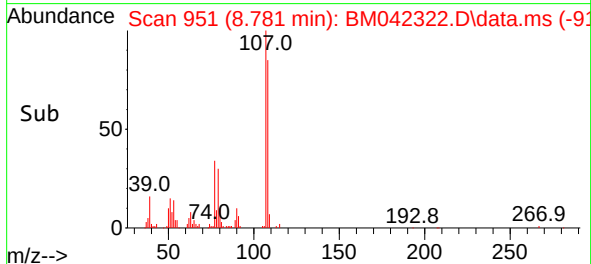
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:108 Resp: 5778
Ion Ratio Lower Upper
108 100
107 118.3 89.0 133.6

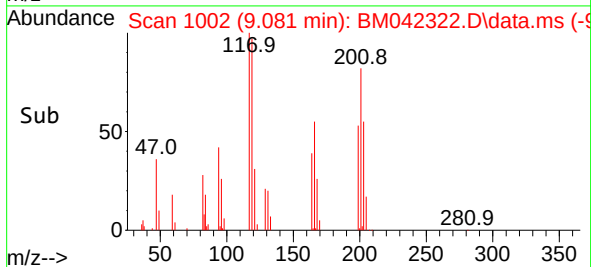
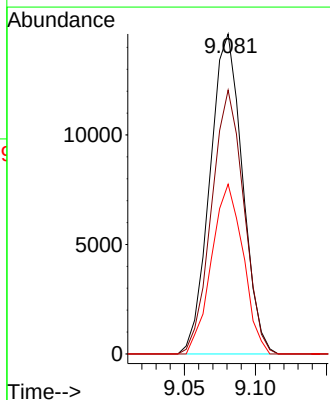
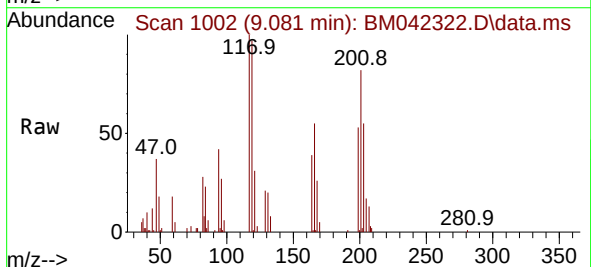
Manual Integrations
APPROVED

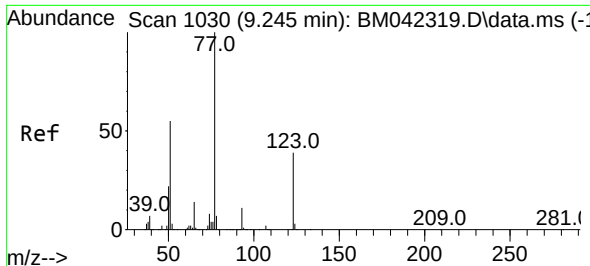
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#19
Hexachloroethane
Concen: 4.595 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

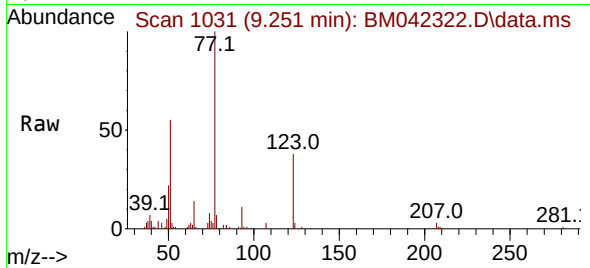
Tgt Ion:117 Resp: 23291
Ion Ratio Lower Upper
117 100
201 82.5 69.8 104.8
199 53.0 40.8 61.2





#22
Nitrobenzene
Concen: 4.687 ng/ul
RT: 9.251 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

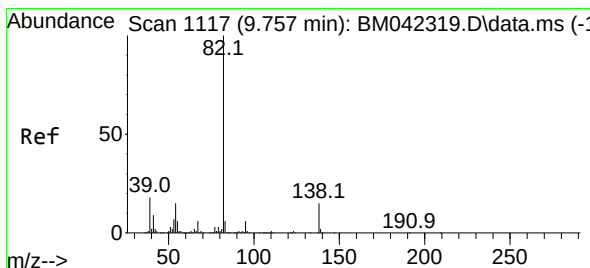
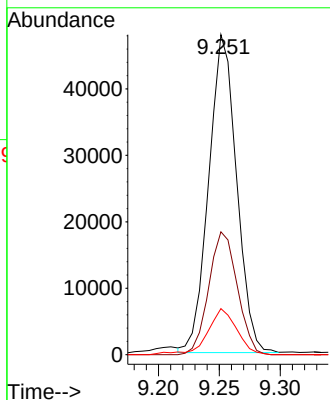
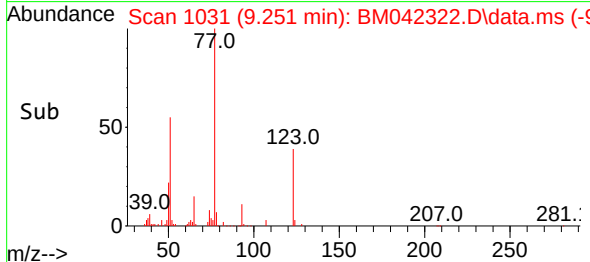
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion: 77 Resp: 76270
Ion Ratio Lower Upper
77 100
123 38.4 31.3 46.9
65 14.4 10.7 16.1

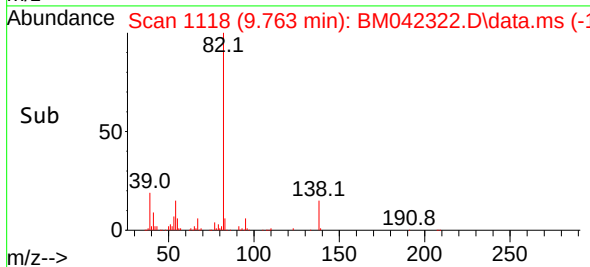
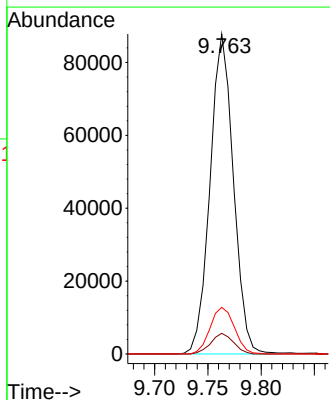
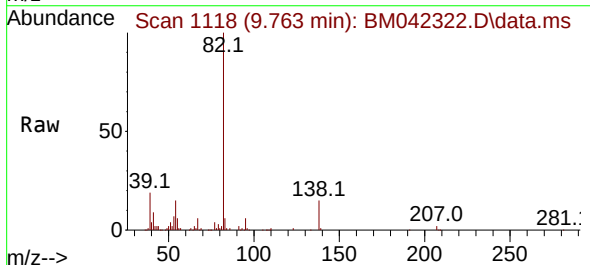
Manual Integrations
APPROVED

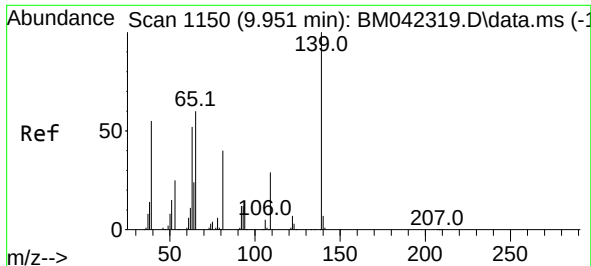
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#23
Isophorone
Concen: 4.248 ng/ul
RT: 9.763 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion: 82 Resp: 134043
Ion Ratio Lower Upper
82 100
95 6.4 5.0 7.4
138 14.5 11.8 17.6





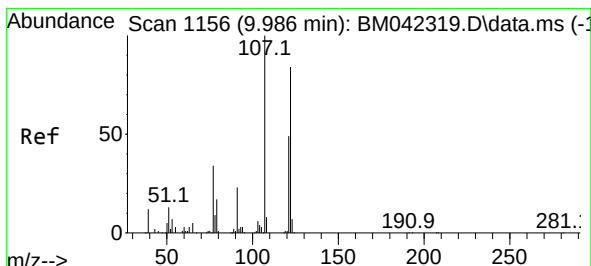
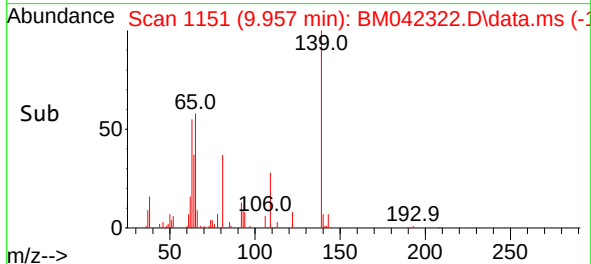
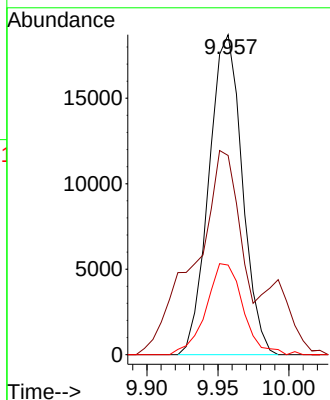
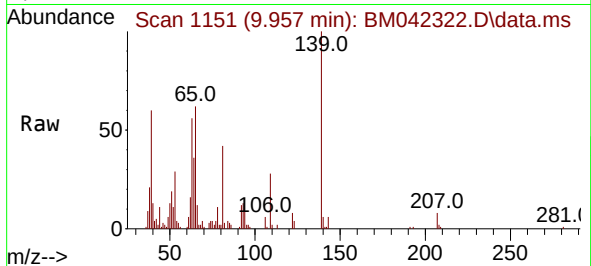
#25
2-Nitrophenol
Concen: 4.535 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06

Tgt Ion:139 Resp: 3052
Ion Ratio Lower Upper
139 100
65 62.2 49.4 74.2
109 28.0 24.0 36.0

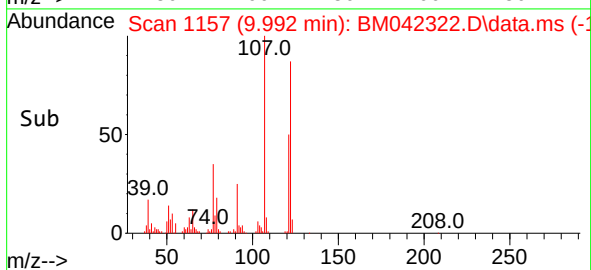
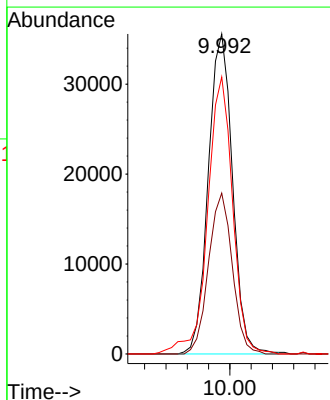
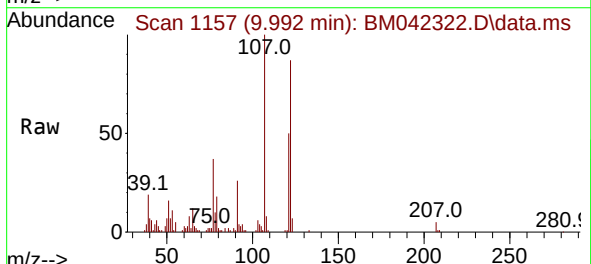
Manual Integrations
APPROVED

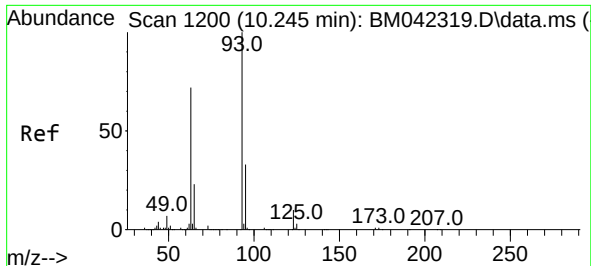
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#26
2,4-Dimethylphenol
Concen: 3.923 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion:107 Resp: 56111
Ion Ratio Lower Upper
107 100
121 50.2 38.4 57.6
122 86.6 68.6 102.8





#27

Bis(2-Chloroethoxy)methane

Concen: 4.620 ng/ul

RT: 10.251 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BM042322.D

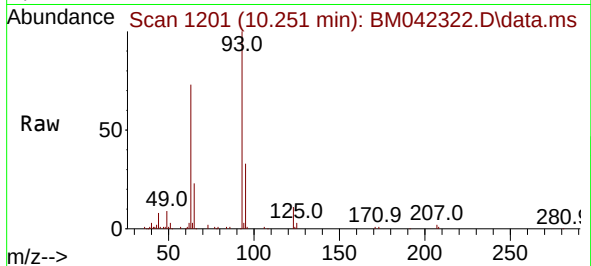
Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06



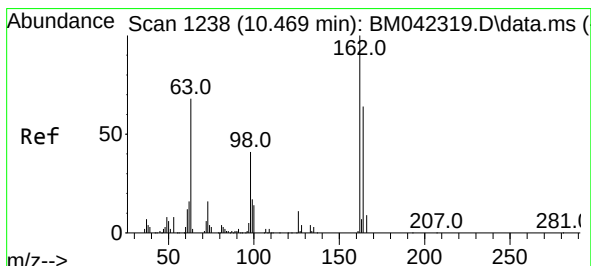
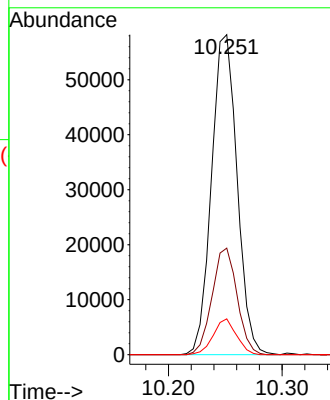
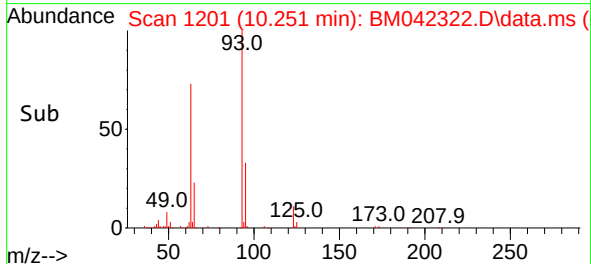
Tgt Ion:	93	Resp:	9115
Ion Ratio	100	Lower	Upper
93	100		
95	33.3	26.1	39.1
123	11.2	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#29

2,4-Dichlorophenol

Concen: 4.400 ng/ul

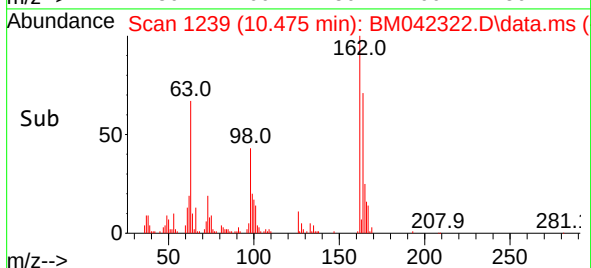
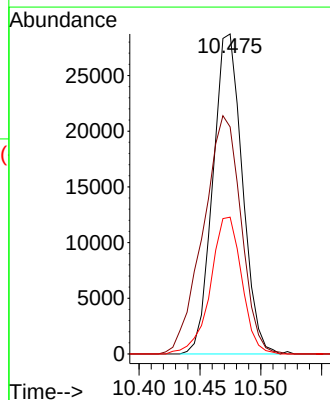
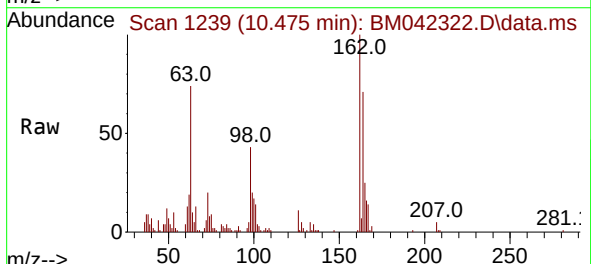
RT: 10.475 min Scan# 1239

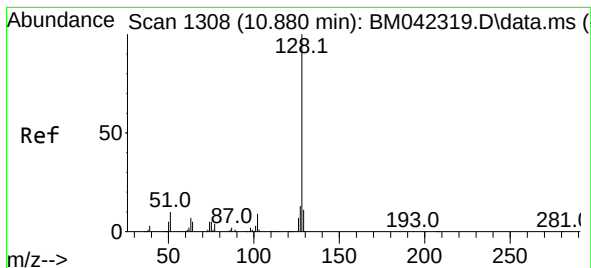
Delta R.T. 0.000 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

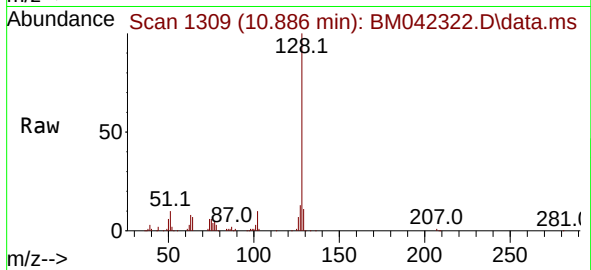
Tgt Ion:	162	Resp:	48236
Ion Ratio	100	Lower	Upper
162	100		
164	70.9	52.4	78.6
98	42.7	34.6	52.0





#30
Naphthalene
Concen: 4.651 ng/u1
RT: 10.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

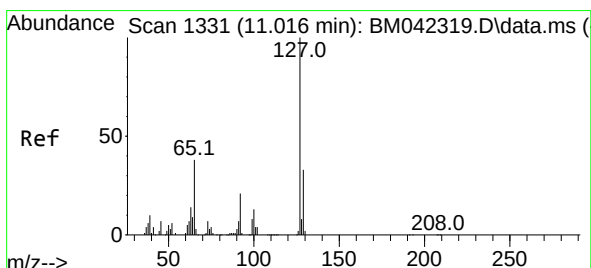
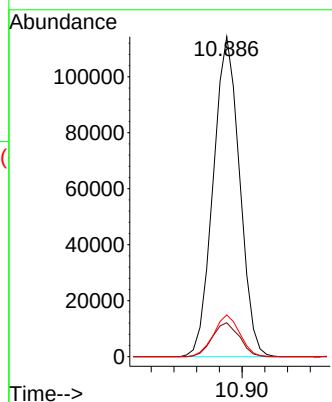
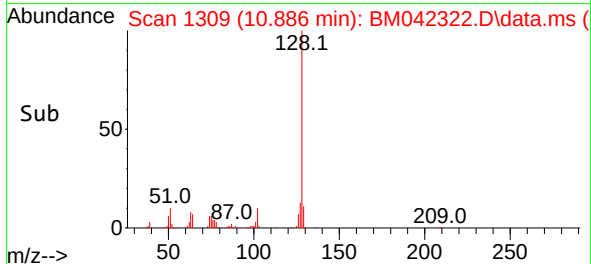
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:128 Resp: 184690
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.0 10.4 15.6

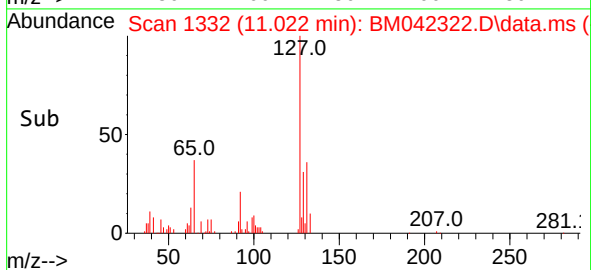
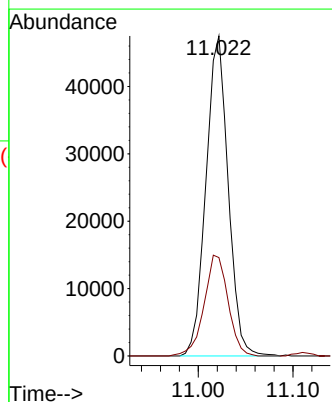
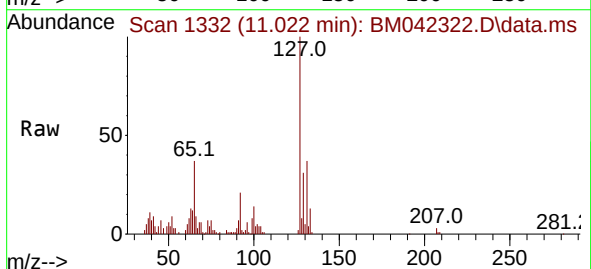
Manual Integrations
APPROVED

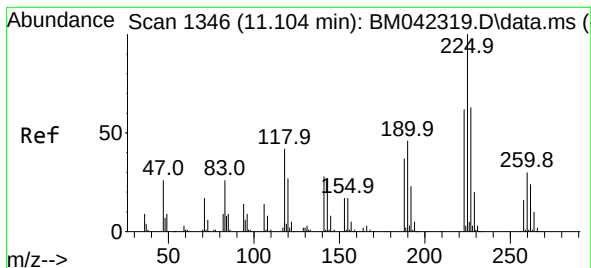
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#32
4-Chloroaniline
Concen: 4.522 ng/u1
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion:127 Resp: 77247
Ion Ratio Lower Upper
127 100
129 30.8 25.1 37.7





#33

Hexachlorobutadiene

Concen: 4.571 ng/u1

RT: 11.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM042322.D

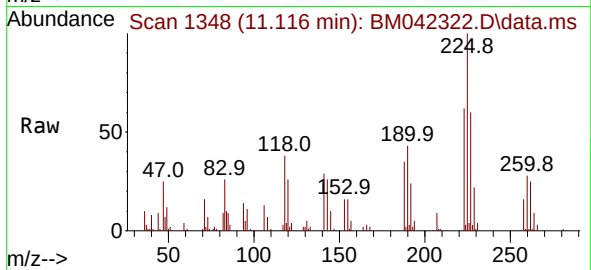
Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06



Tgt Ion:225 Resp: 2892

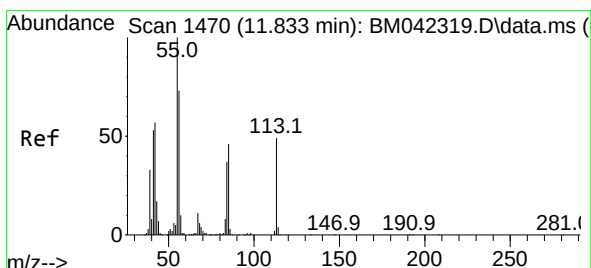
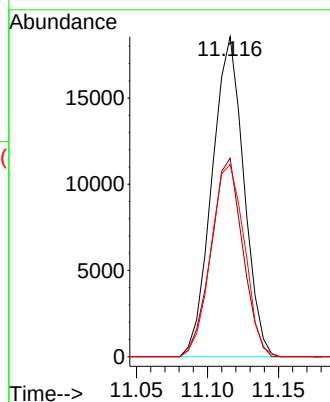
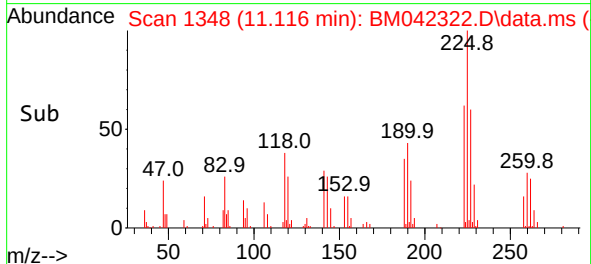
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.3	76.9
227	60.1	53.4	80.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#34

Caprolactam

Concen: 6.480 ng/u1

RT: 11.857 min Scan# 1474

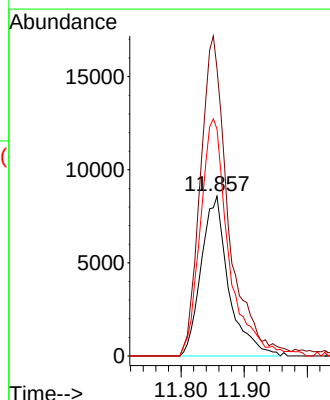
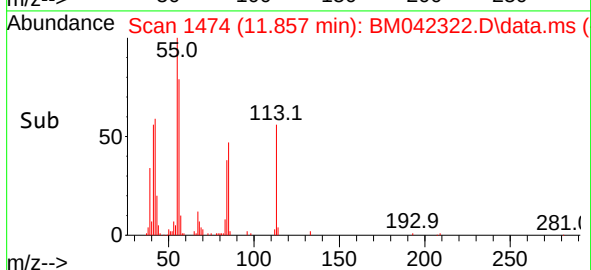
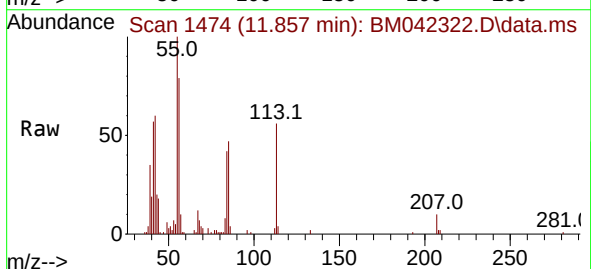
Delta R.T. 0.024 min

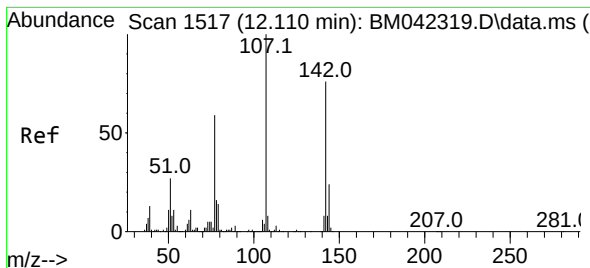
Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Tgt Ion:113 Resp: 25940

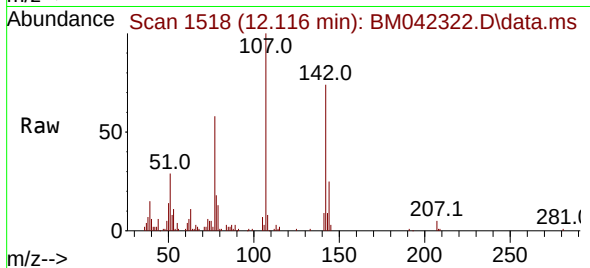
Ion	Ratio	Lower	Upper
113	100		
55	179.9	162.1	243.1
56	142.0	124.2	186.2





#35
4-Chloro-3-methylphenol
Concen: 4.033 ng/ul
RT: 12.116 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

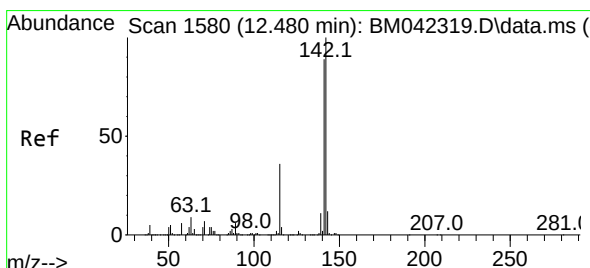
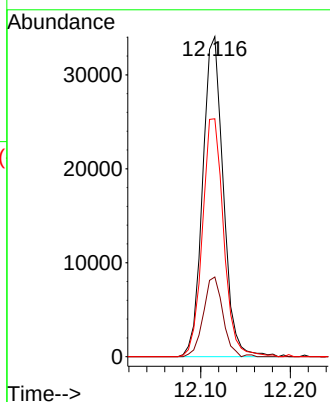
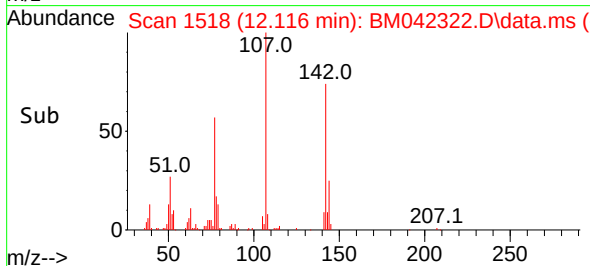
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



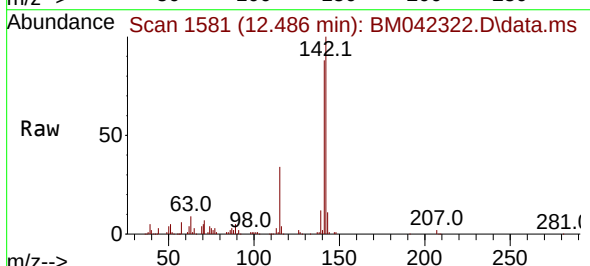
Tgt Ion:107 Resp: 54459
Ion Ratio Lower Upper
107 100
144 24.9 19.3 28.9
142 74.4 60.6 91.0

Manual Integrations
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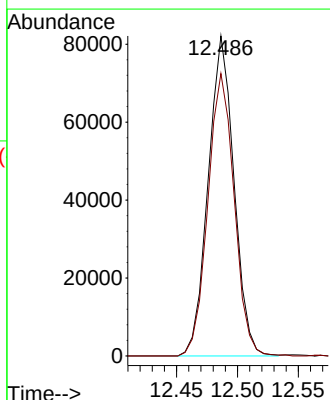
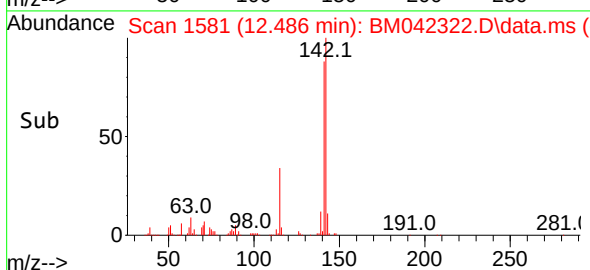
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

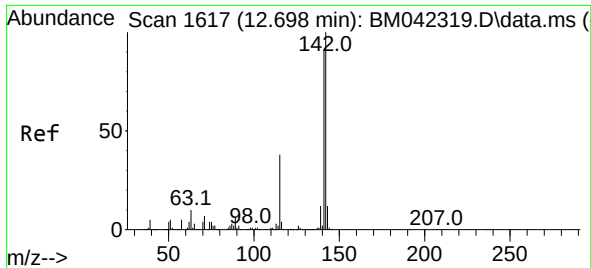


#36
2-Methylnaphthalene
Concen: 4.452 ng/ul
RT: 12.486 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



Tgt Ion:142 Resp: 121026
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3





#37

1-Methylnaphthalene

Concen: 4.658 ng/ul

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06

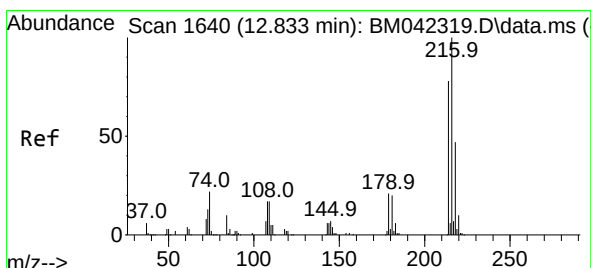
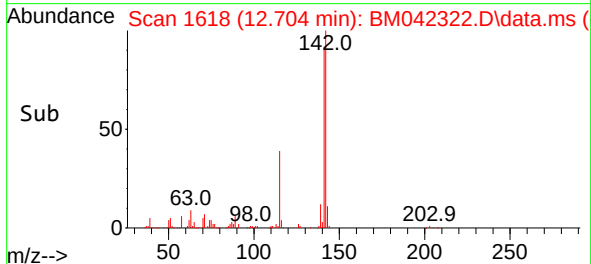
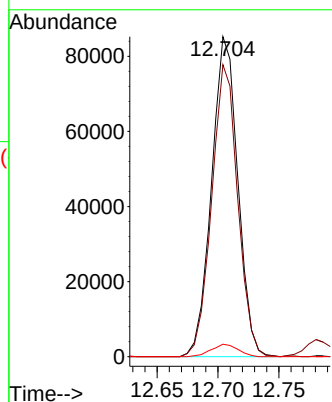
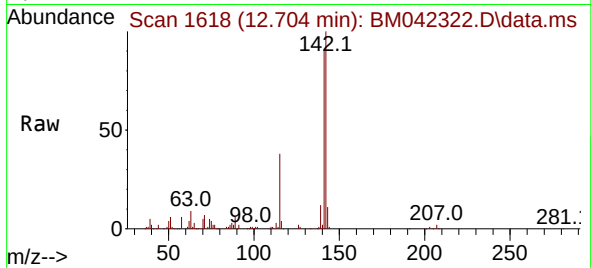
Tgt Ion:142 Resp: 12798
 Ion Ratio Lower Upper
 142 100
 141 91.2 74.6 111.8
 116 3.9 3.2 4.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.467 ng/ul

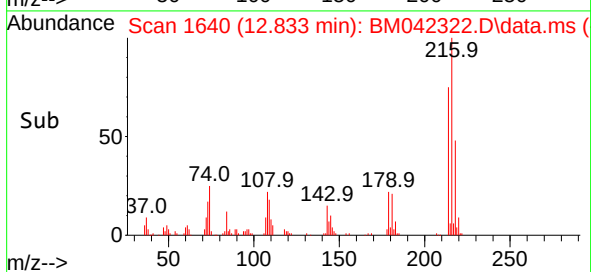
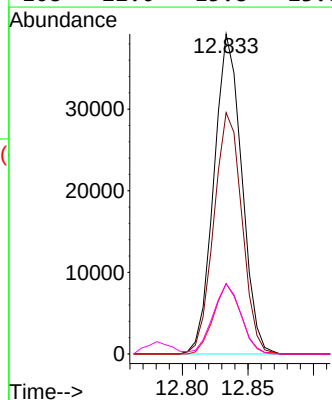
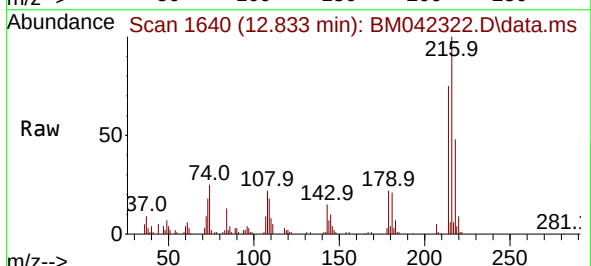
RT: 12.833 min Scan# 1640

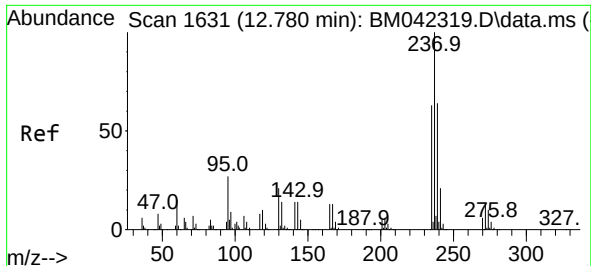
Delta R.T. -0.006 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

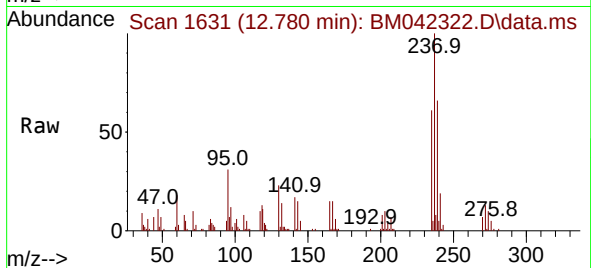
Tgt Ion:216 Resp: 57888
 Ion Ratio Lower Upper
 216 100
 214 75.4 60.6 90.8
 179 22.0 16.9 25.3
 108 22.0 15.8 23.8





#40
Hexachlorocyclopentadiene
Concen: 4.805 ng/ul
RT: 12.780 min Scan# 1631
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

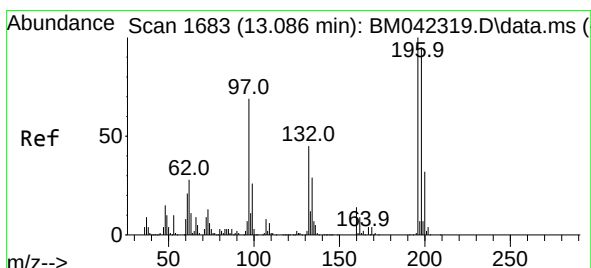
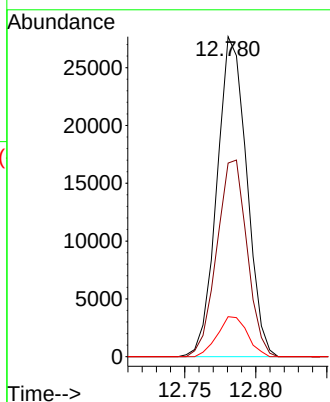
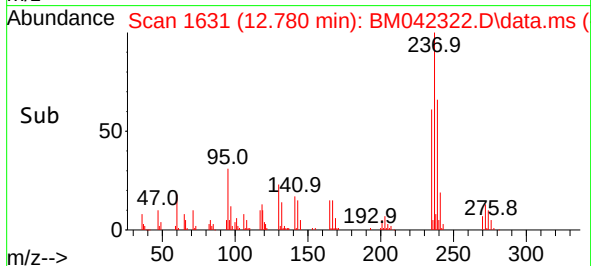
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:237 Resp: 40290
Ion Ratio Lower Upper
237 100
235 60.5 51.5 77.3
272 12.5 9.8 14.6

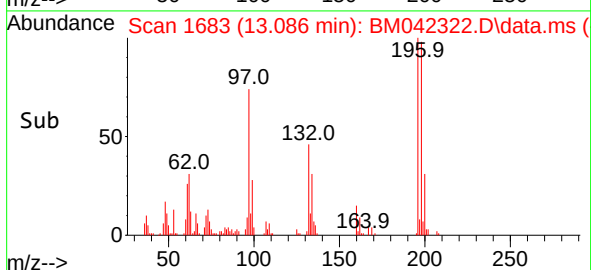
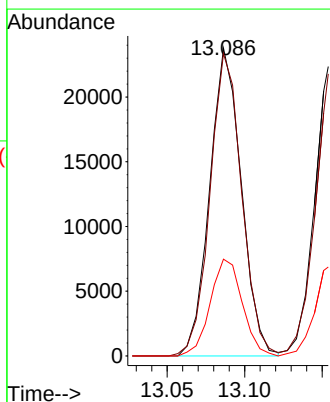
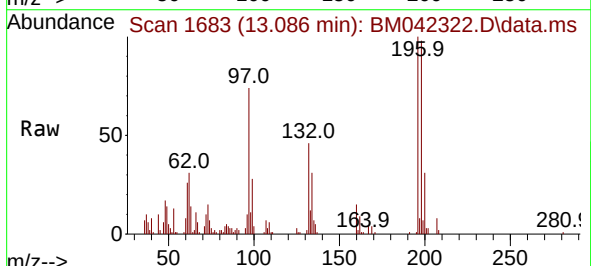
Manual Integrations
APPROVED

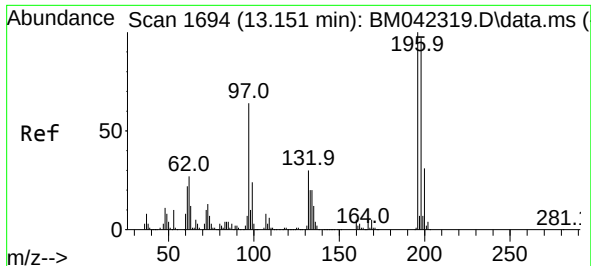
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#41
2,4,6-Trichlorophenol
Concen: 3.894 ng/ul
RT: 13.086 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

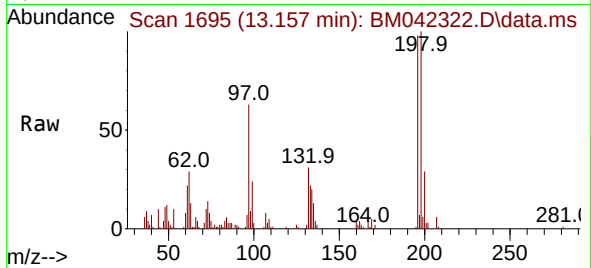
Tgt Ion:196 Resp: 33739
Ion Ratio Lower Upper
196 100
198 98.3 79.5 119.3
200 31.5 25.3 37.9





#42
2,4,5-Trichlorophenol
Concen: 4.092 ng/u1
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

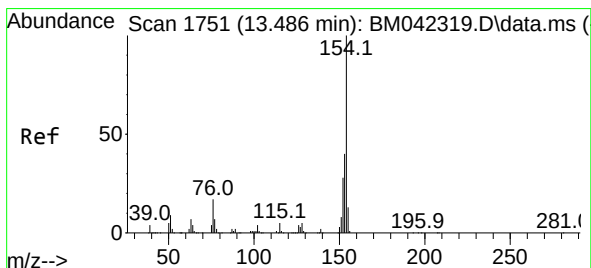
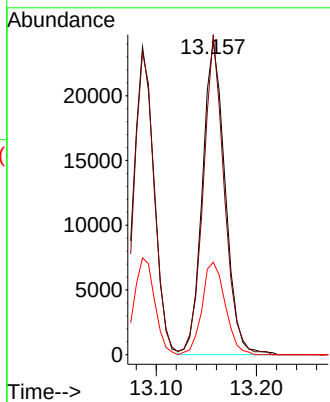
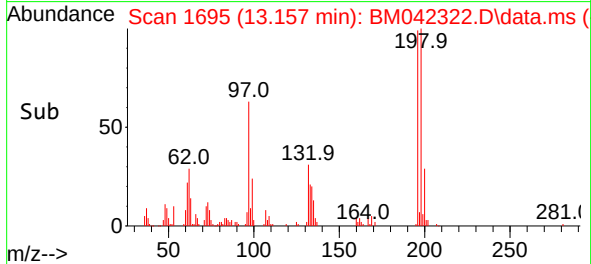
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



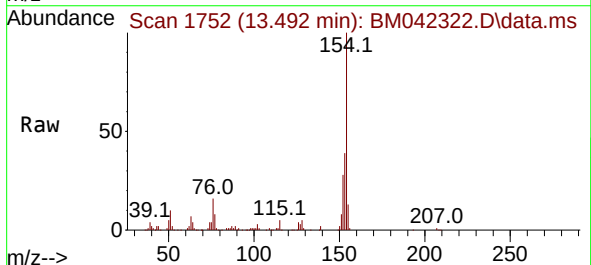
Tgt Ion:196 Resp: 3806
Ion Ratio Lower Upper
196 100
198 102.1 76.4 114.6
200 29.5 24.3 36.5

Manual Integrations
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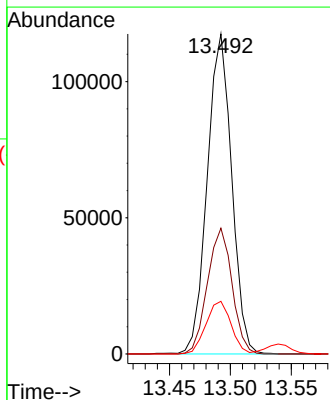
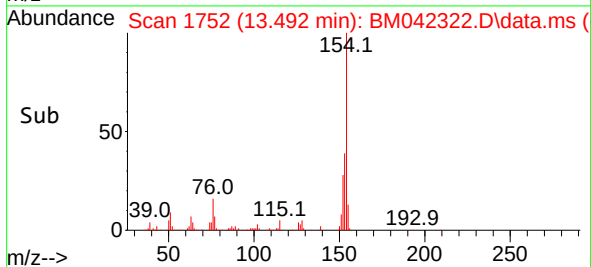
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

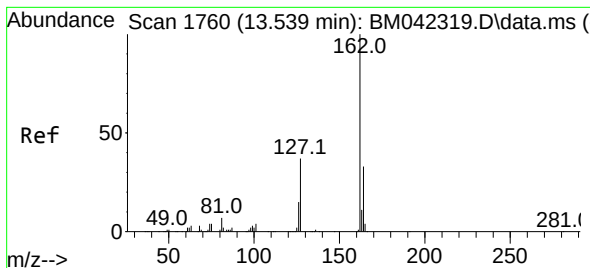


#43
1,1'-Biphenyl
Concen: 4.645 ng/u1
RT: 13.492 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



Tgt Ion:154 Resp: 163816
Ion Ratio Lower Upper
154 100
153 39.3 32.9 49.3
76 16.5 13.0 19.4





#44

2-Chloronaphthalene

Concen: 4.592 ng/ul

RT: 13.539 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042322.D

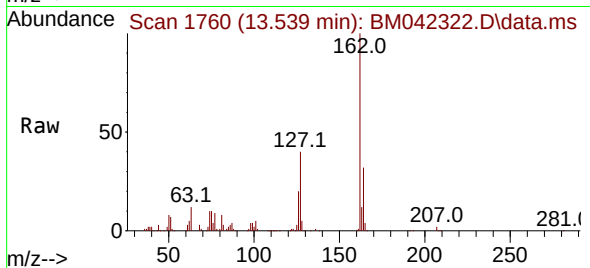
Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06



Tgt Ion:162 Resp: 12414

Ion Ratio Lower Upper

162 100

164 32.3 26.9 40.3

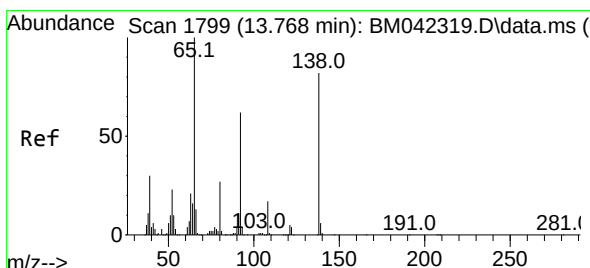
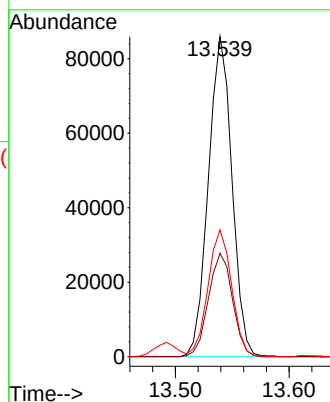
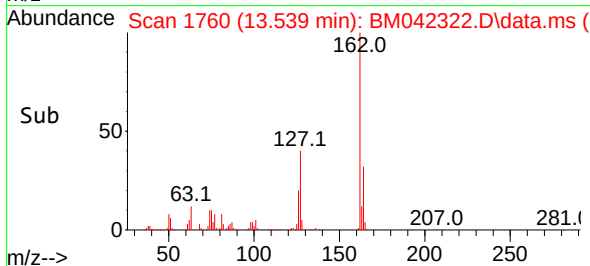
127 39.6 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#45

2-Nitroaniline

Concen: 3.752 ng/ul

RT: 13.775 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

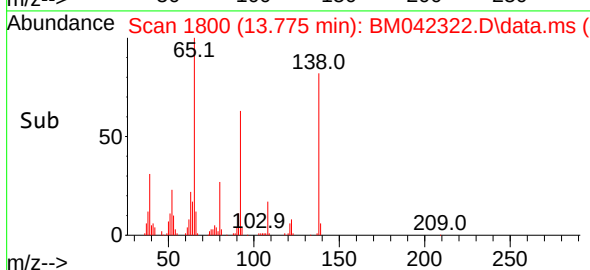
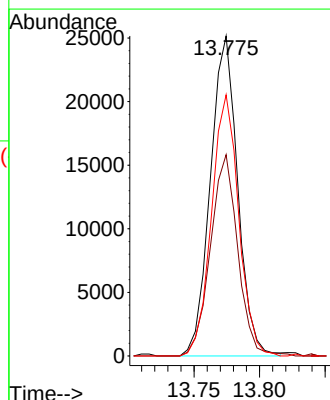
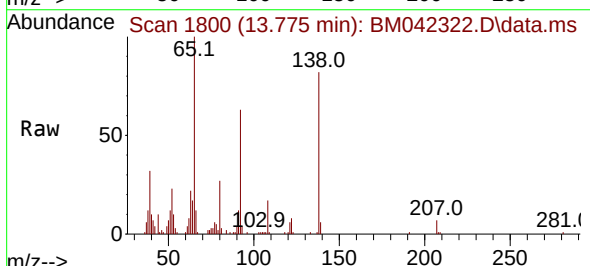
Tgt Ion: 65 Resp: 36466

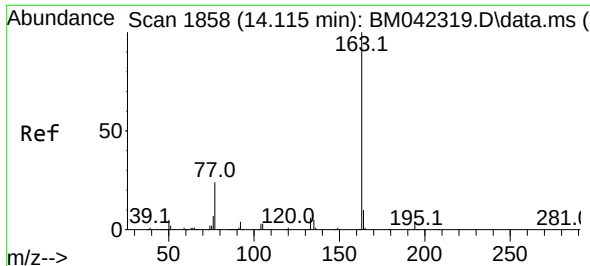
Ion Ratio Lower Upper

65 100

92 62.9 50.0 75.0

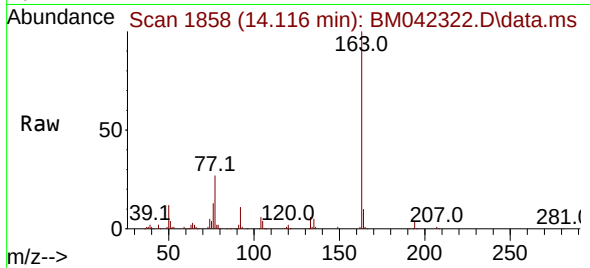
138 81.6 66.4 99.6





#47
Dimethylphthalate
Concen: 4.508 ng/ul
RT: 14.116 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

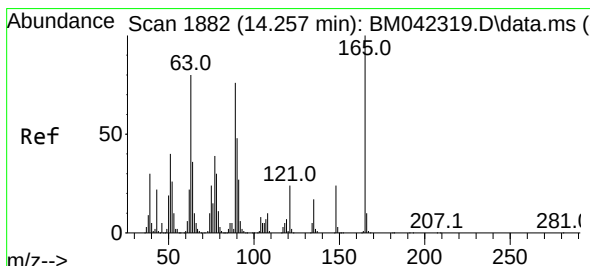
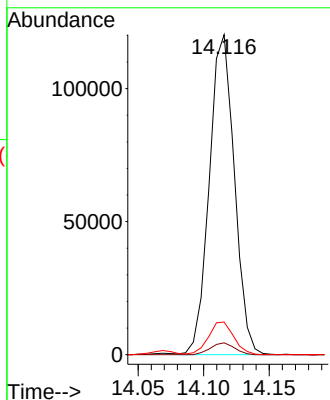
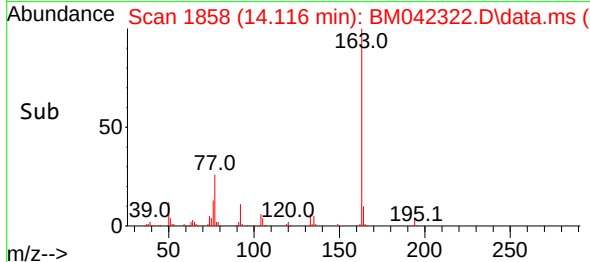
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



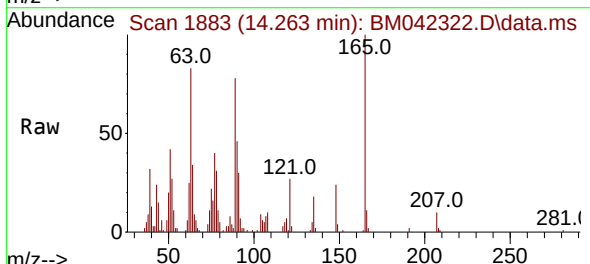
Tgt Ion:163 Resp: 16002
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 8.1 12.1

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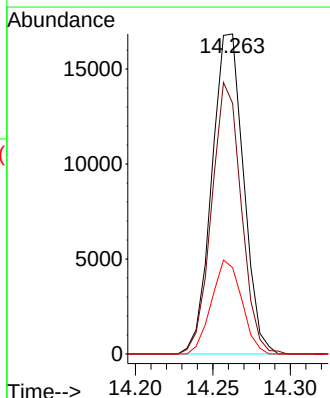
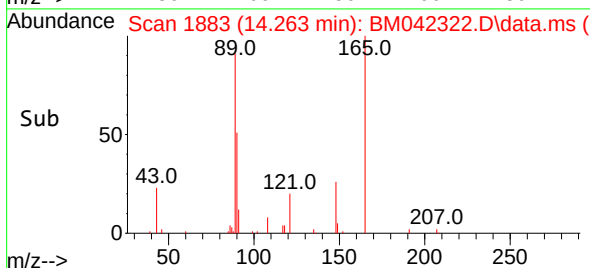
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

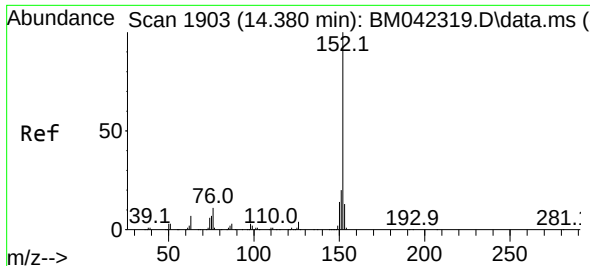


#48
2,6-Dinitrotoluene
Concen: 3.734 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



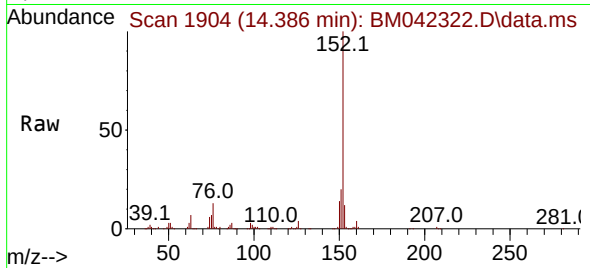
Tgt Ion:165 Resp: 23998
Ion Ratio Lower Upper
165 100
89 78.3 60.3 90.5
121 27.0 20.2 30.4





#50
Acenaphthylene
Concen: 4.710 ng/ul
RT: 14.386 min Scan# 1903
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

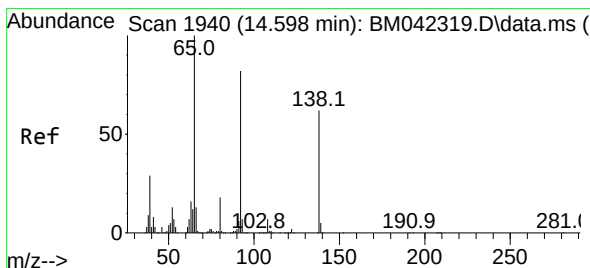
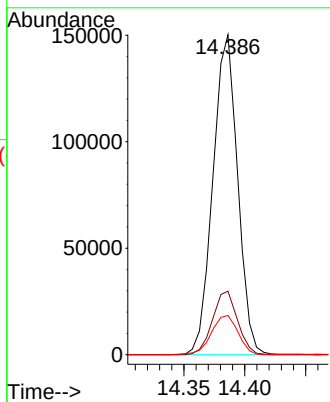
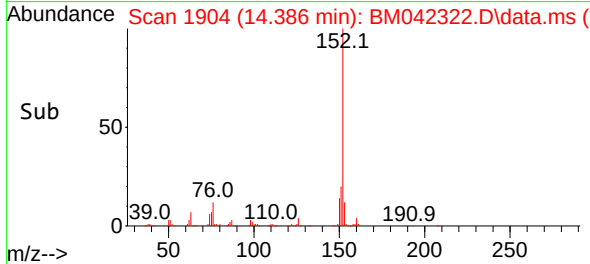
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:152 Resp: 212390
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.2 10.3 15.5

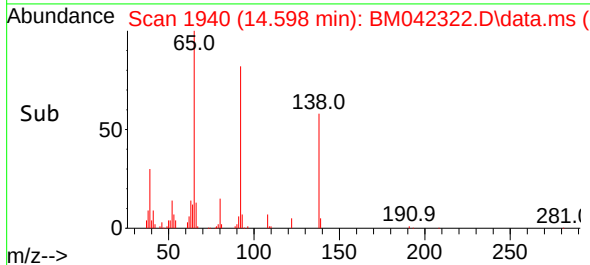
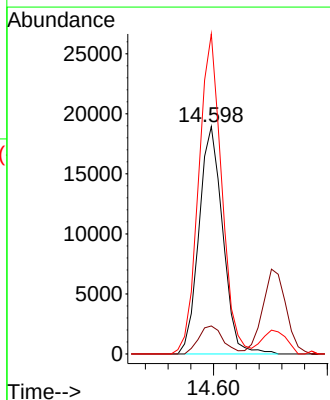
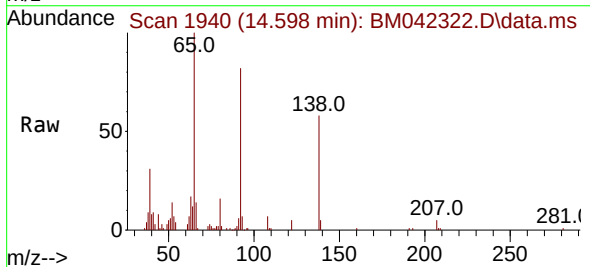
Manual Integrations
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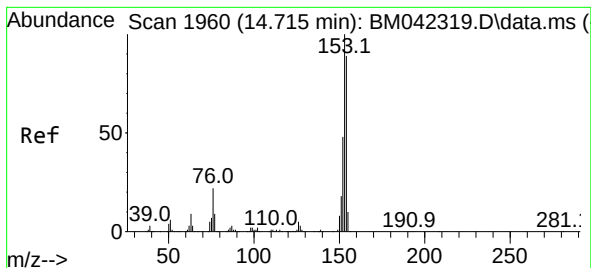
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#51
3-Nitroaniline
Concen: 3.624 ng/ul
RT: 14.598 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

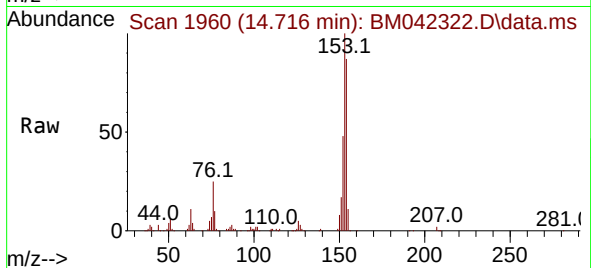
Tgt Ion:138 Resp: 27452
Ion Ratio Lower Upper
138 100
108 12.3 8.5 12.7
92 140.7 103.8 155.6





#52
Acenaphthene
Concen: 4.630 ng/ul
RT: 14.716 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

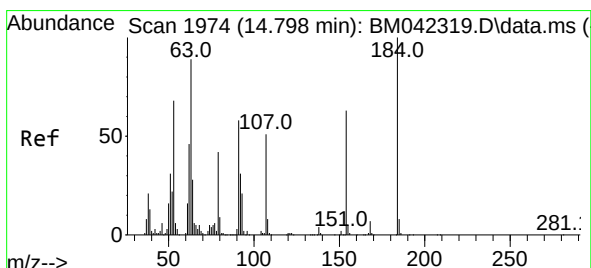
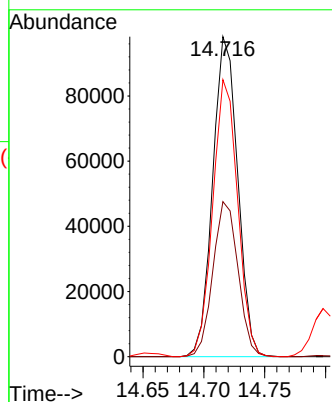
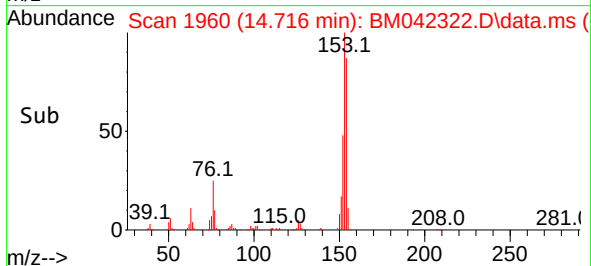
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:153 Resp: 14023
Ion Ratio Lower Upper
153 100
152 48.5 39.0 58.4
154 86.6 70.4 105.6

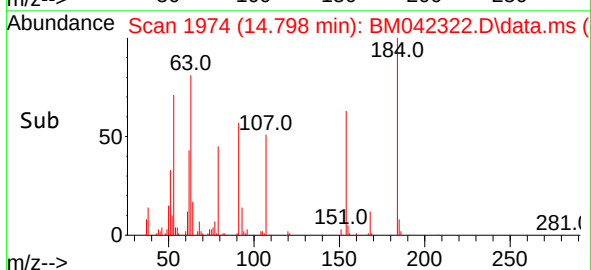
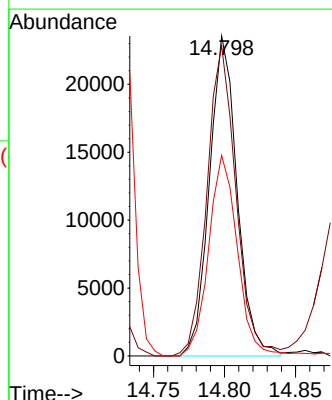
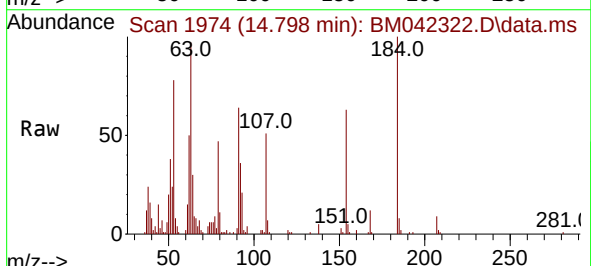
Manual Integrations
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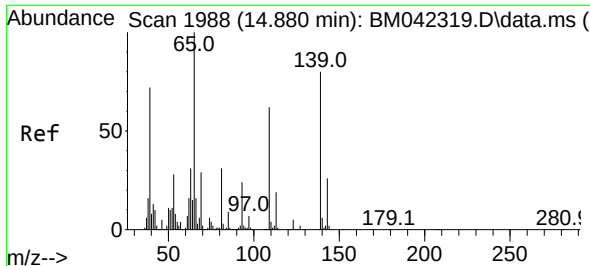
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#53
2,4-Dinitrophenol
Concen: 7.348 ng/ul
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

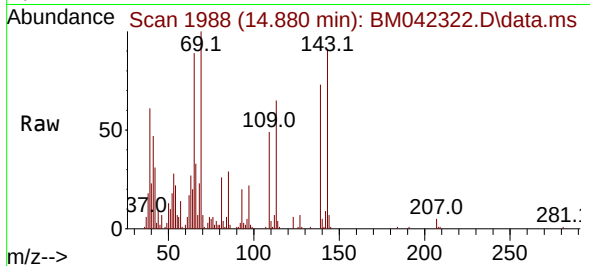
Tgt Ion:184 Resp: 31960
Ion Ratio Lower Upper
184 100
63 97.0 70.6 106.0
154 62.7 50.1 75.1





#55
4-Nitrophenol
Concen: 4.039 ng/ul
RT: 14.880 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

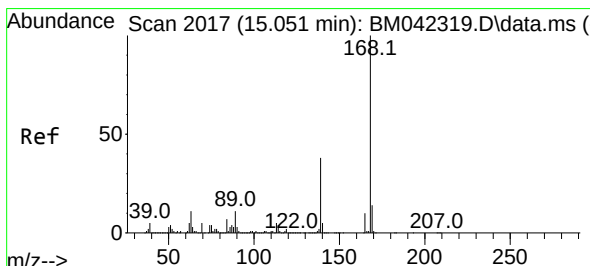
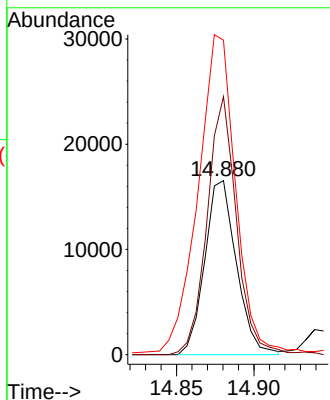
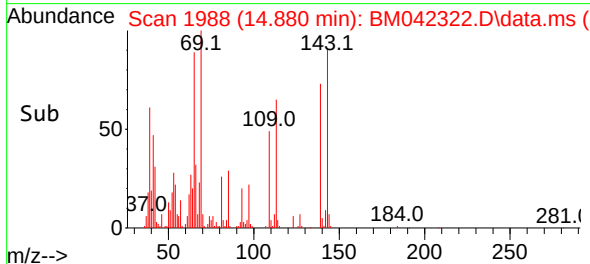
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:109 Resp: 23509
Ion Ratio Lower Upper
109 100
139 148.3 102.5 153.7
65 180.8 126.6 189.8

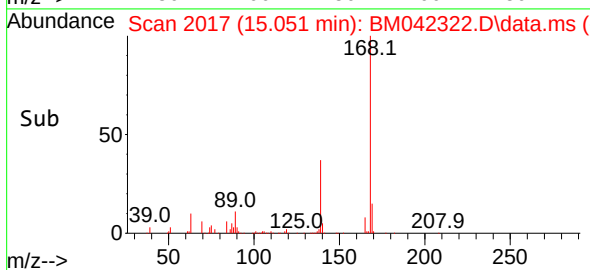
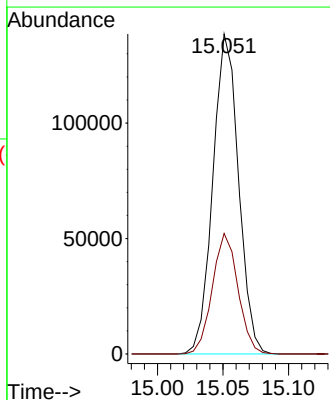
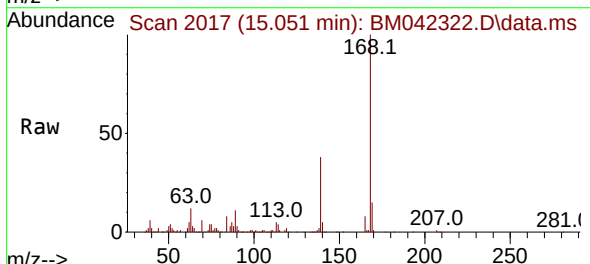
Manual Integrations
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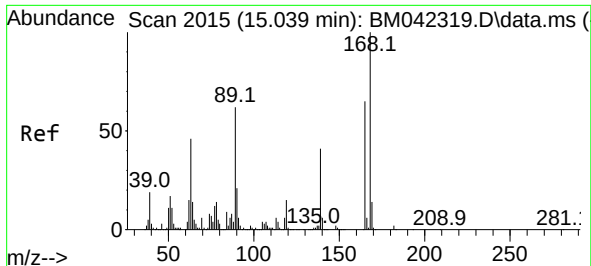
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#56
Dibenzofuran
Concen: 4.633 ng/ul
RT: 15.051 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

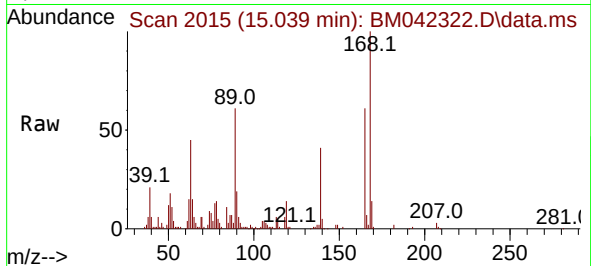
Tgt Ion:168 Resp: 188523
Ion Ratio Lower Upper
168 100
139 37.7 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 4.012 ng/ul
RT: 15.039 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

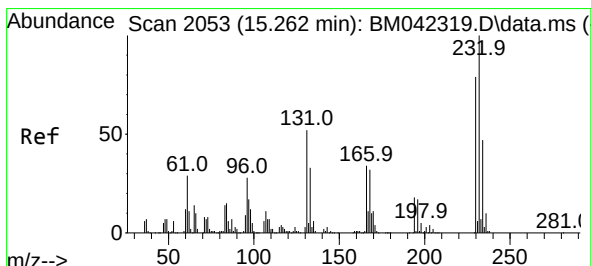
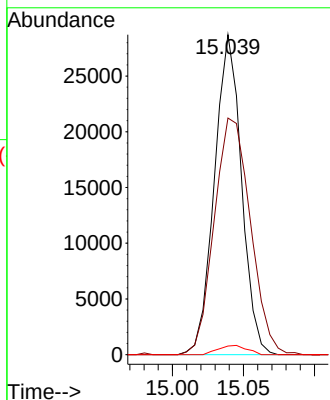
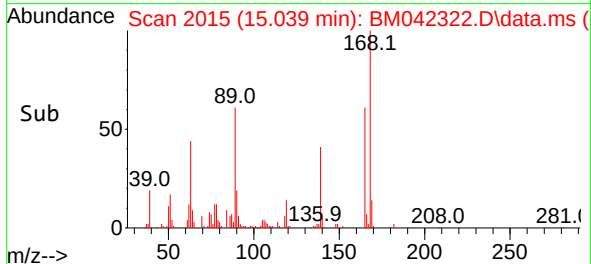
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



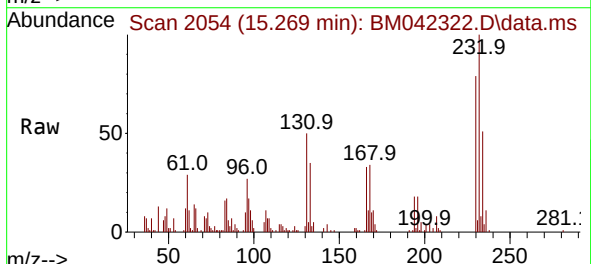
Tgt Ion:165 Resp: 38010
Ion Ratio Lower Upper
165 100
63 73.9 57.5 86.3
182 2.7 2.0 3.0

Manual Integrations
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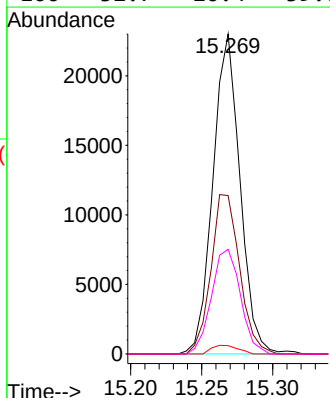
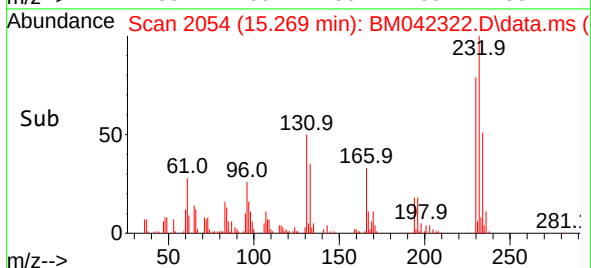
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

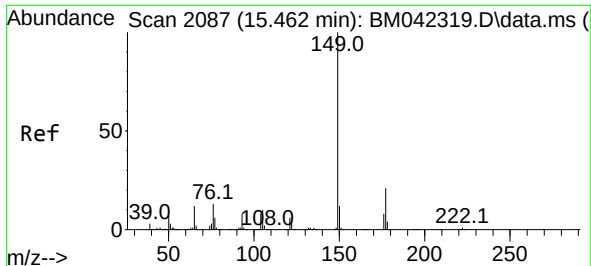


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.897 ng/ul
RT: 15.269 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



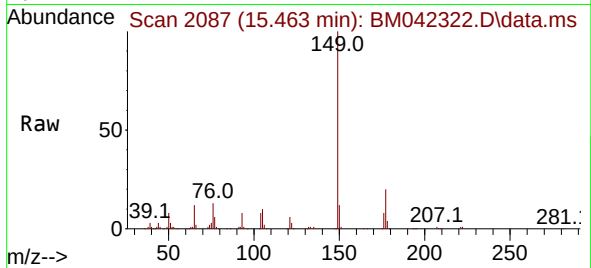
Tgt Ion:232 Resp: 30422
Ion Ratio Lower Upper
232 100
131 49.5 38.2 57.4
130 2.6 2.2 3.4
166 32.7 26.4 39.6





#59
Diethylphthalate
Concen: 4.467 ng/ul
RT: 15.463 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

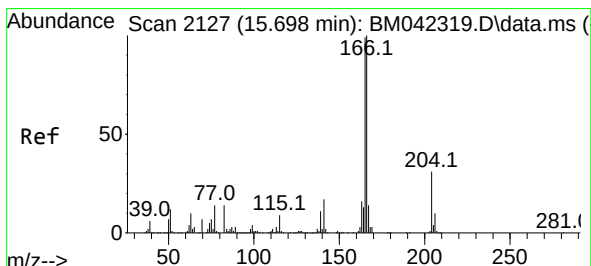
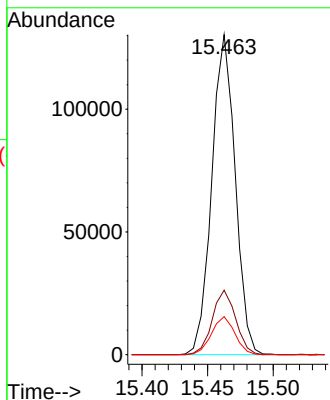
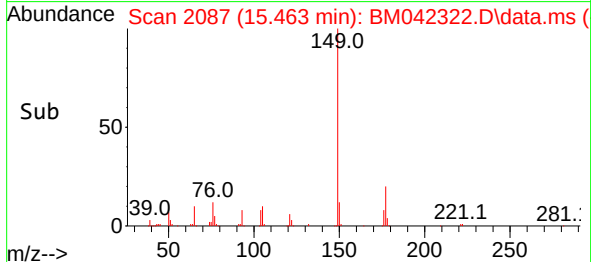
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



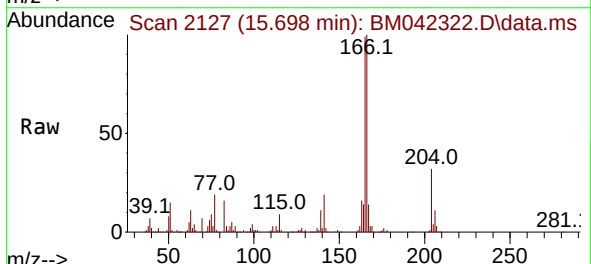
Tgt Ion:149 Resp: 161848
Ion Ratio Lower Upper
149 100
177 20.1 16.6 25.0
150 11.9 9.7 14.5

Manual Integrations
APPROVED

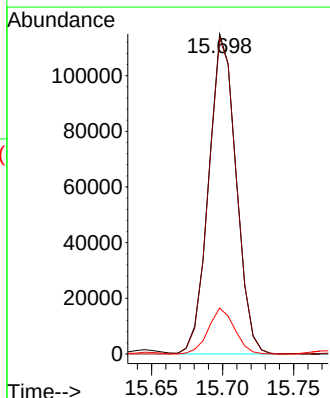
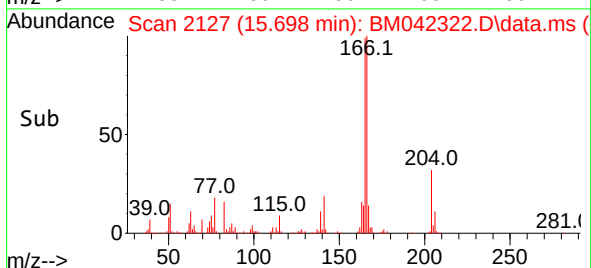
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

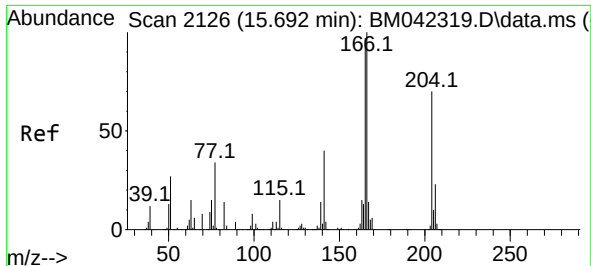


#61
Fluorene
Concen: 4.572 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



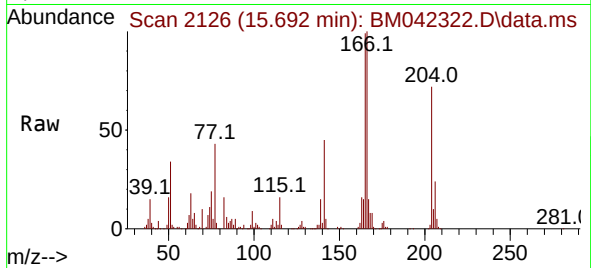
Tgt Ion:166 Resp: 154286
Ion Ratio Lower Upper
166 100
165 98.8 78.7 118.1
167 14.4 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.417 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

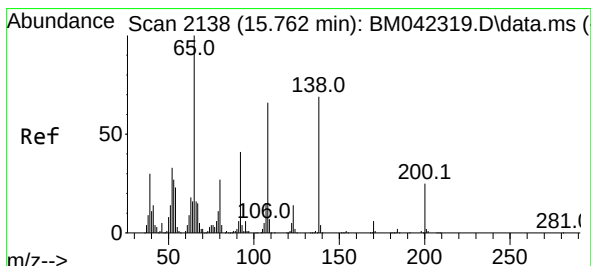
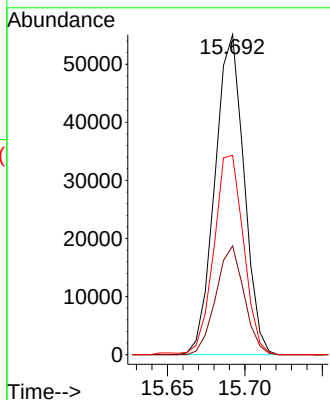
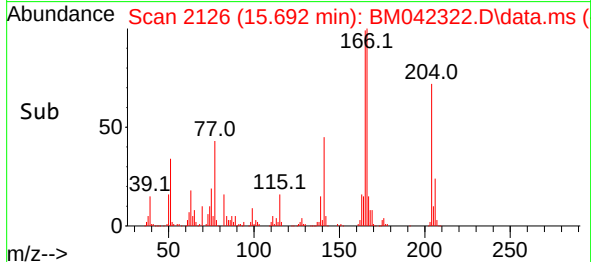
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



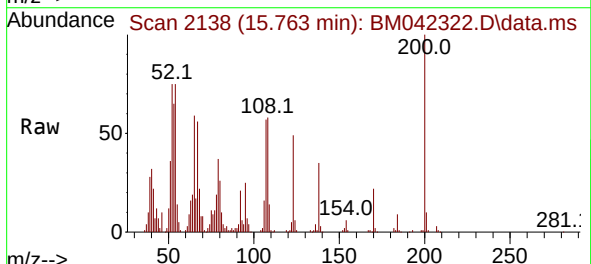
Tgt Ion:204 Resp: 7197
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 62.3 48.5 72.7

Manual Integrations
APPROVED

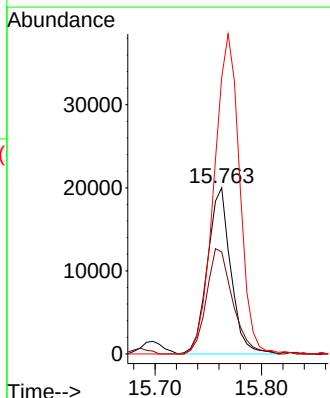
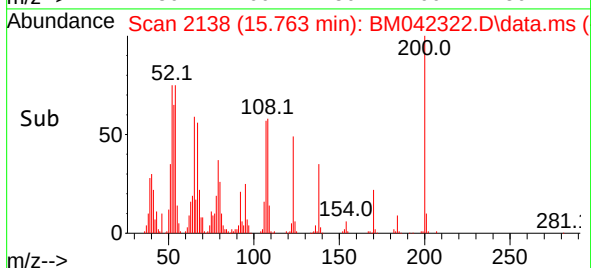
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

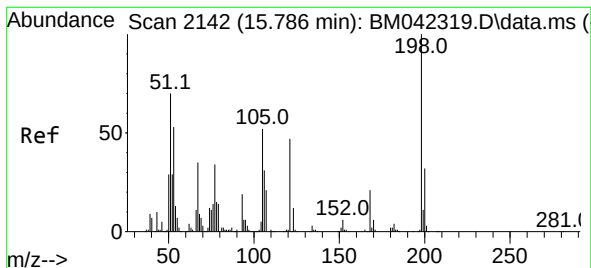


#63
4-Nitroaniline
Concen: 4.468 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



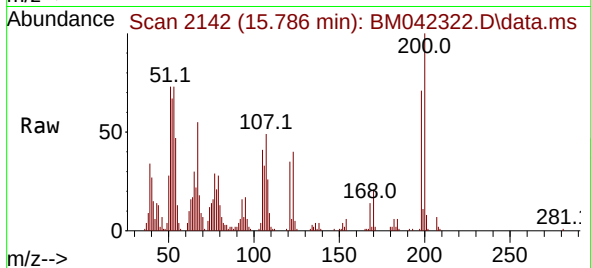
Tgt Ion:138 Resp: 30269
Ion Ratio Lower Upper
138 100
92 61.4 49.5 74.3
108 166.4 72.5 108.7#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.073 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

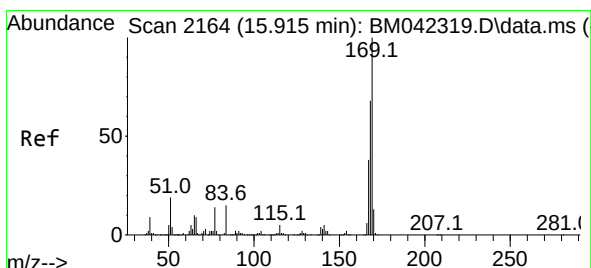
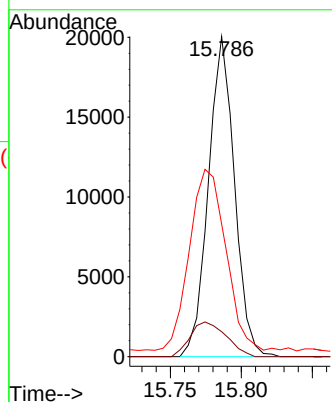
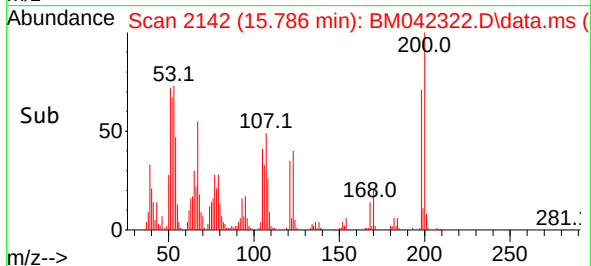
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:198 Resp: 25589
Ion Ratio Lower Upper
198 100
182 7.8 4.2 6.2
77 41.4 27.4 41.0

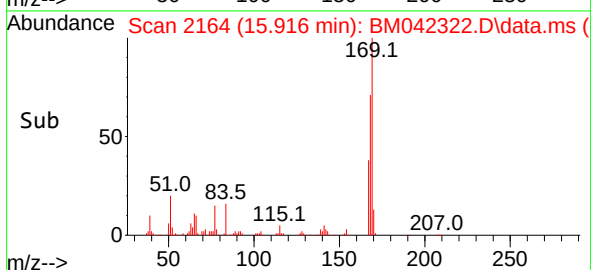
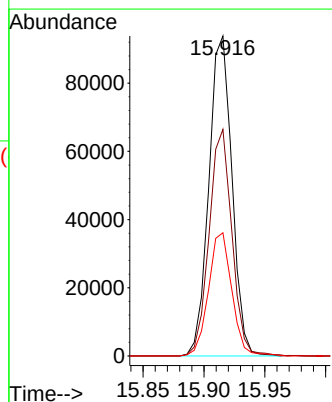
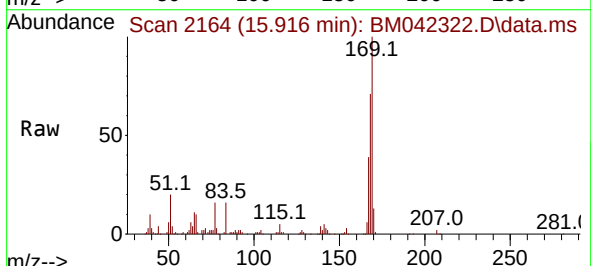
Manual Integrations
APPROVED

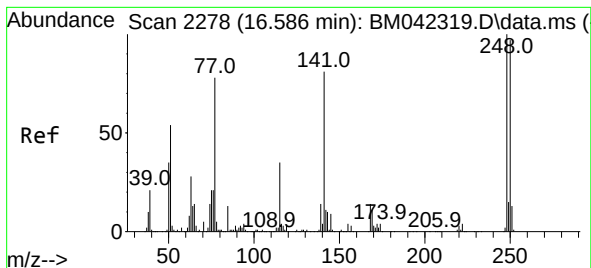
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#67
N-Nitrosodiphenylamine
Concen: 4.533 ng/ul
RT: 15.916 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

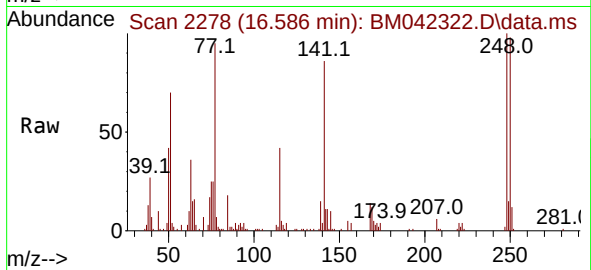
Tgt Ion:169 Resp: 123682
Ion Ratio Lower Upper
169 100
168 70.8 55.8 83.8
167 38.5 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.241 ng/ul
RT: 16.586 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

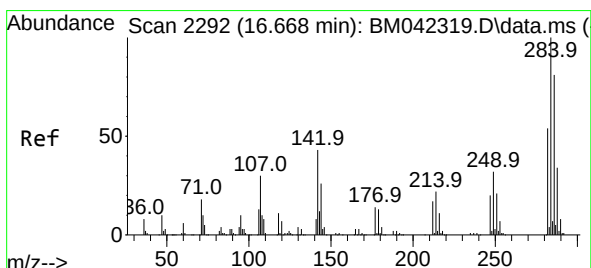
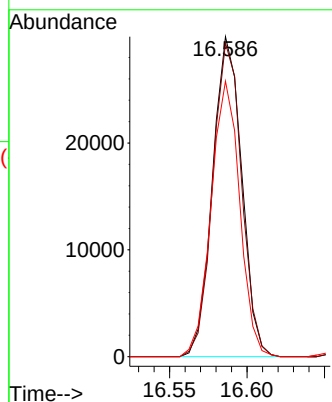
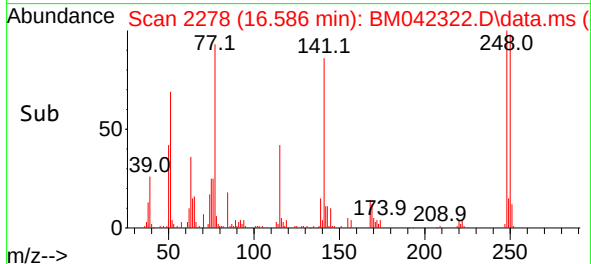
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



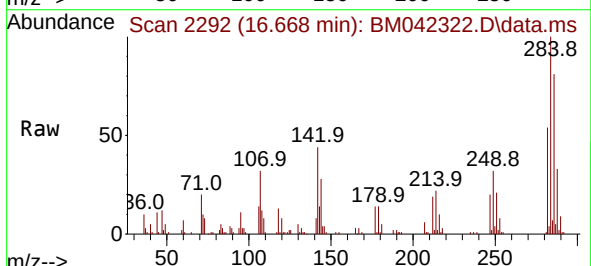
Tgt Ion:248 Resp: 3911
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.0
141 86.1 66.5 99.7

Manual Integrations
APPROVED

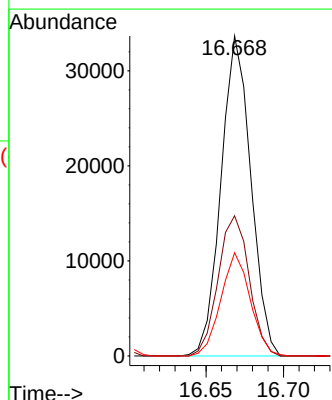
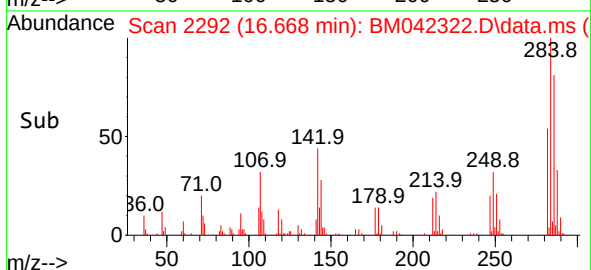
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

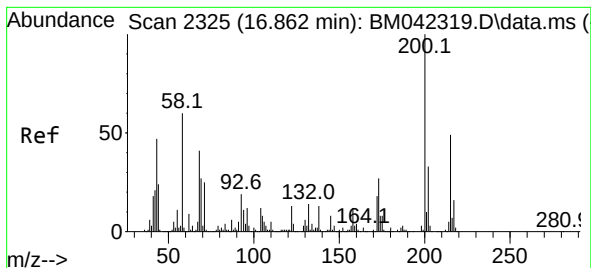


#69
Hexachlorobenzene
Concen: 4.296 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



Tgt Ion:284 Resp: 45054
Ion Ratio Lower Upper
284 100
142 43.8 33.8 50.6
249 32.3 25.4 38.0





#70

Atrazine

Concen: 3.931 ng/ul

RT: 16.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042322.D

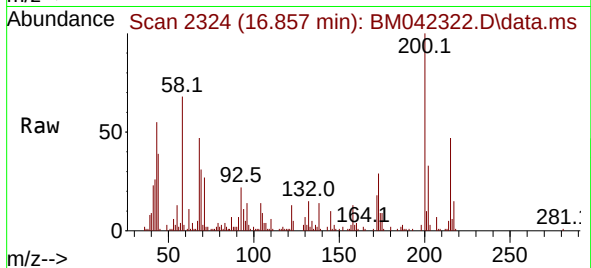
Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06



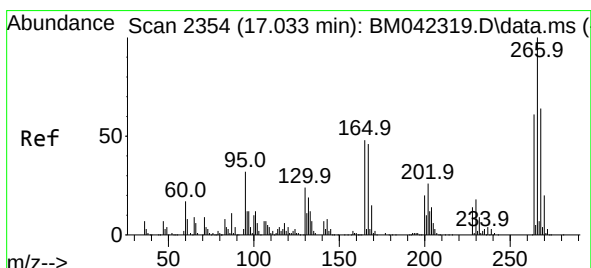
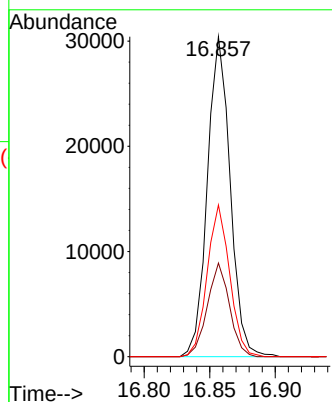
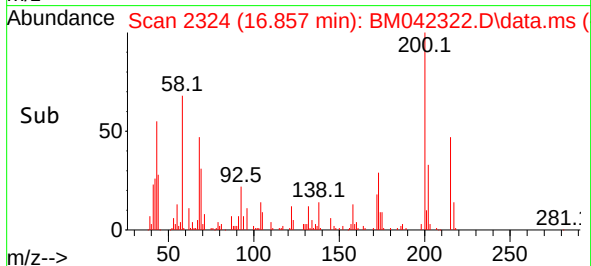
Tgt Ion:	200	Resp:	36800
Ion Ratio	Lower	Upper	
200	100		
173	29.2	21.0	31.6
215	47.4	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#71

Pentachlorophenol

Concen: 5.729 ng/ul

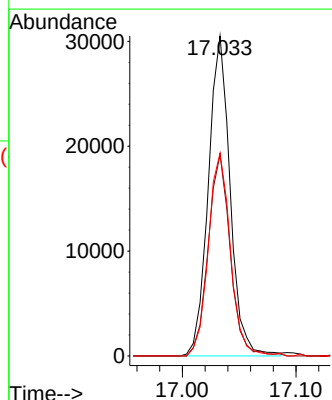
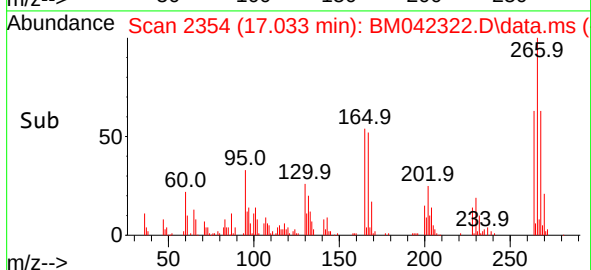
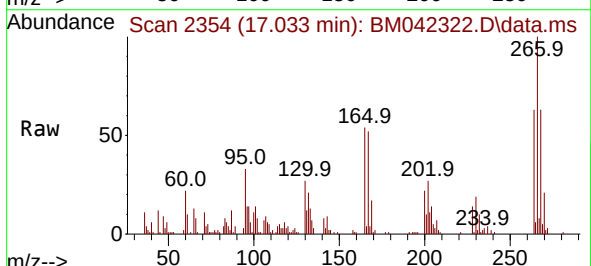
RT: 17.033 min Scan# 2354

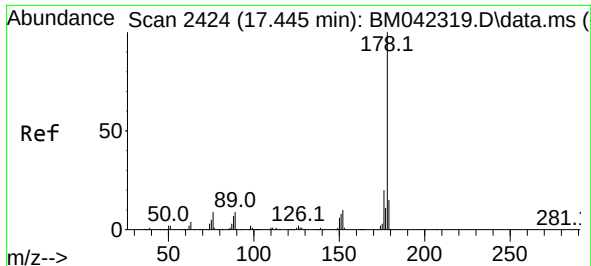
Delta R.T. -0.006 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

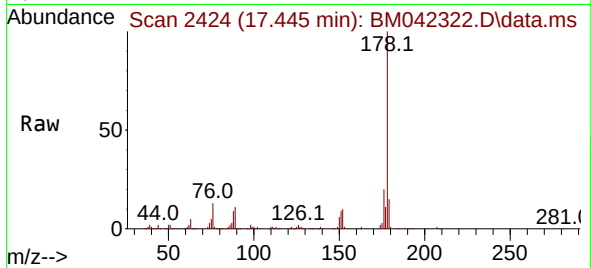
Tgt Ion:	266	Resp:	40717
Ion Ratio	Lower	Upper	
266	100		
264	62.9	51.2	76.8
268	63.4	52.6	78.8





#72
Phenanthrene
Concen: 4.611 ng/ul
RT: 17.445 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

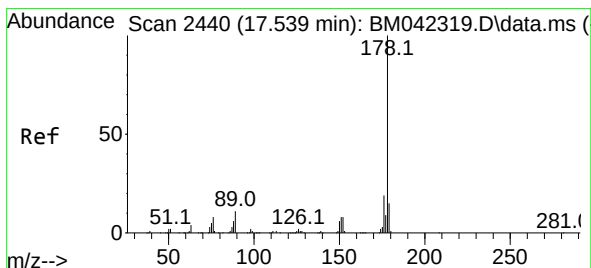
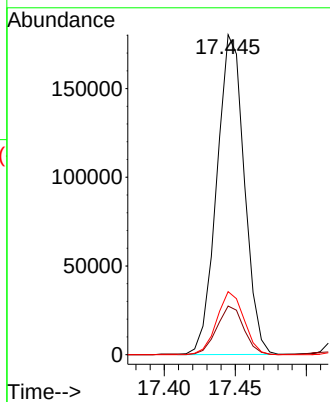
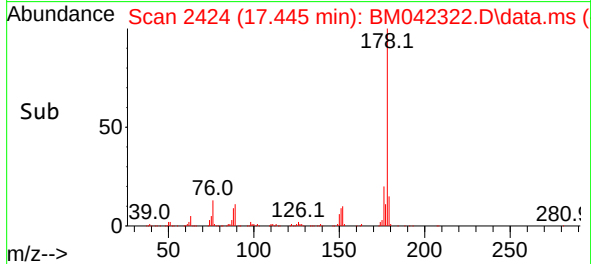
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



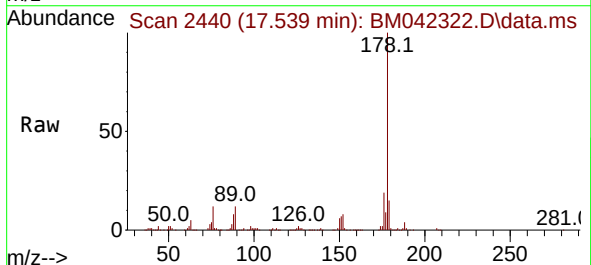
Tgt Ion:178 Resp: 242590
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.7 15.8 23.8

Manual Integrations
APPROVED

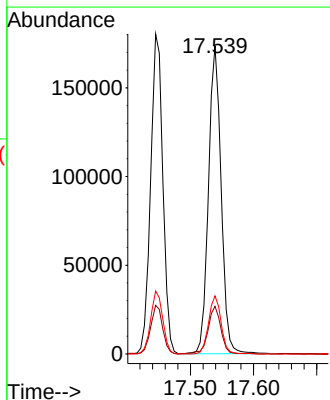
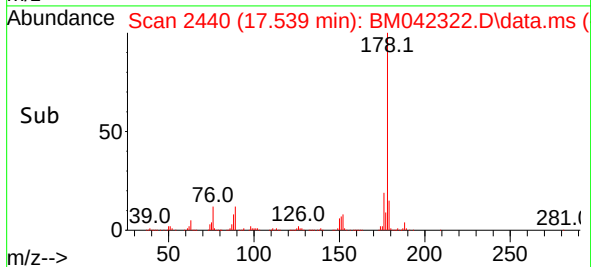
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

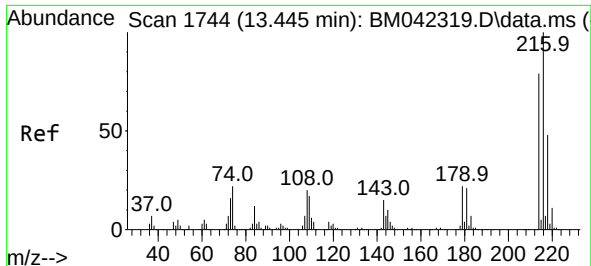


#74
Anthracene
Concen: 4.568 ng/ul
RT: 17.539 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



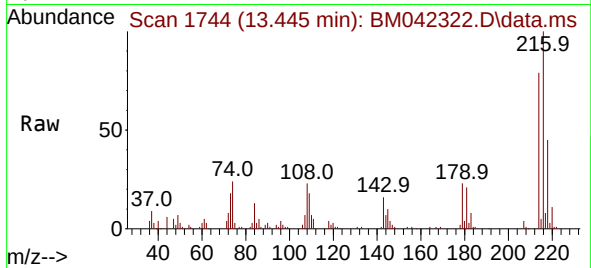
Tgt Ion:178 Resp: 241727
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 18.9 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.351 ng/uL
RT: 13.445 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

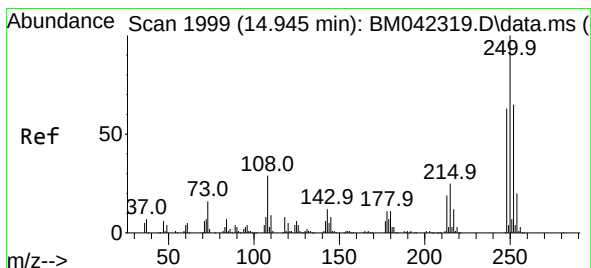
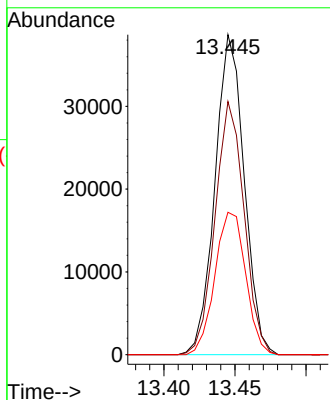
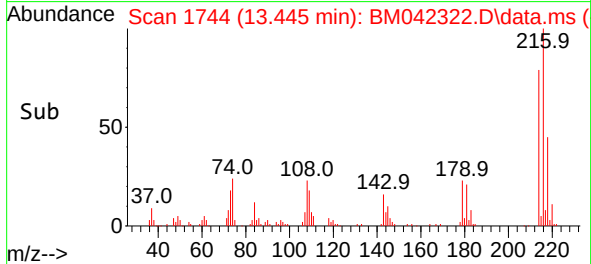
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



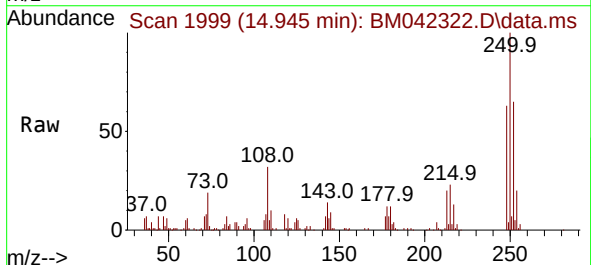
Tgt Ion:216 Resp: 5528
Ion Ratio Lower Upper
216 100
214 79.1 62.0 93.0
218 44.5 38.8 58.2

Manual Integrations
APPROVED

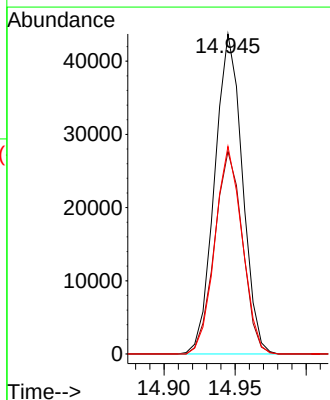
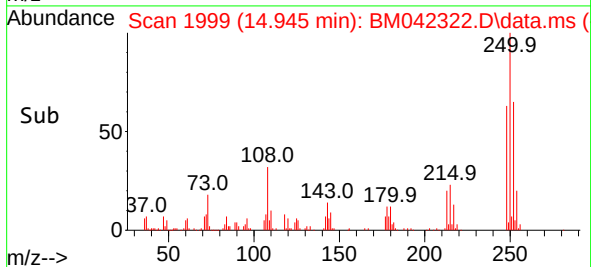
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

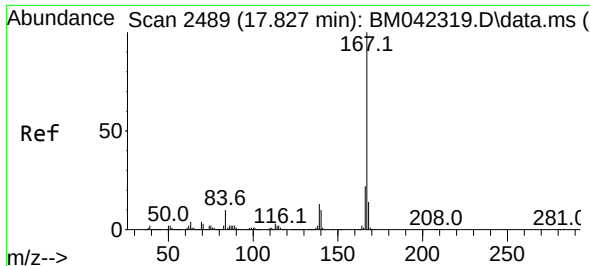


#76
Pentachlorobenzene
Concen: 4.748 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



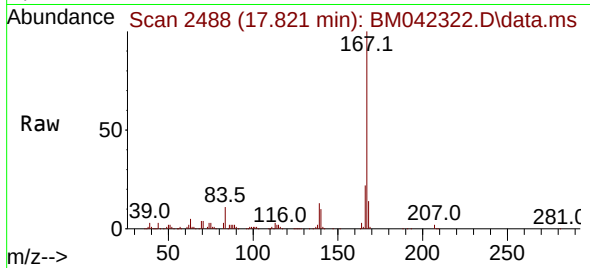
Tgt Ion:250 Resp: 59247
Ion Ratio Lower Upper
250 100
248 63.3 51.1 76.7
252 64.8 52.9 79.3





#77
 Carbazole
 Concen: 4.301 ng/ul
 RT: 17.821 min Scan# 2488
 Delta R.T. -0.006 min
 Lab File: BM042322.D
 Acq: 17 Oct 2023 15:48

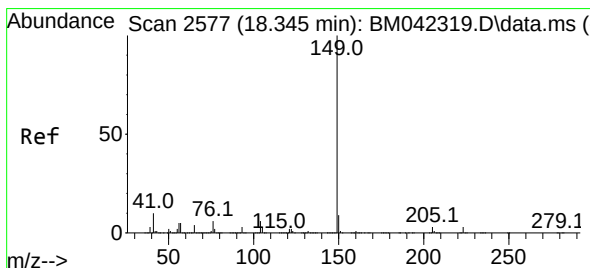
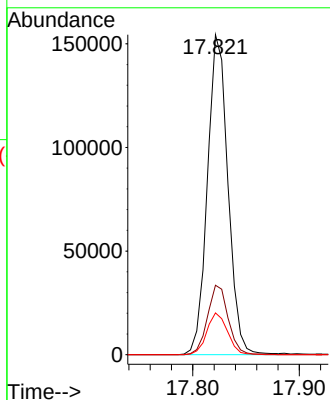
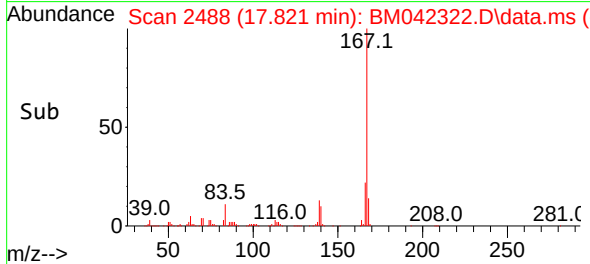
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT3-2023-06



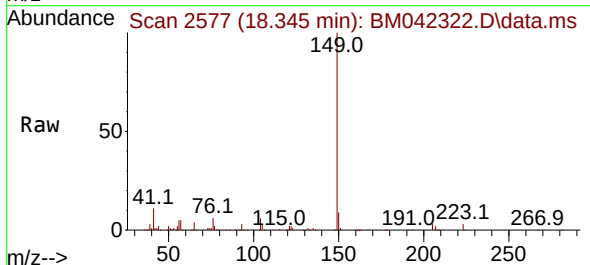
Tgt Ion:167 Resp: 20732
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.0 10.6 16.0

Manual Integrations
 APPROVED

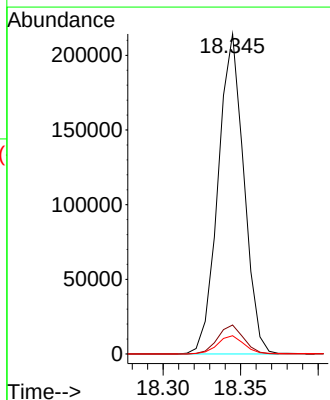
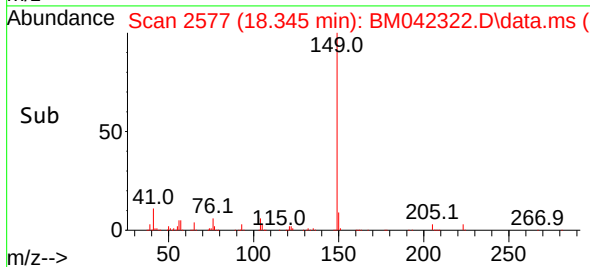
Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :mohammad ahmed 10/19/2023

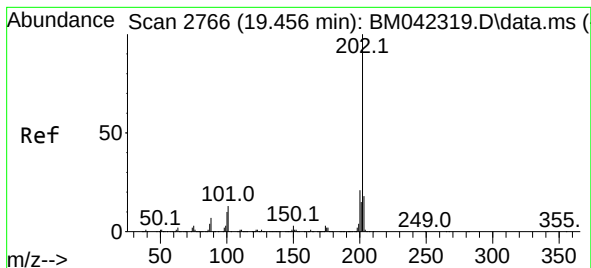


#78
 Di-n-butylphthalate
 Concen: 4.056 ng/ul
 RT: 18.345 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BM042322.D
 Acq: 17 Oct 2023 15:48



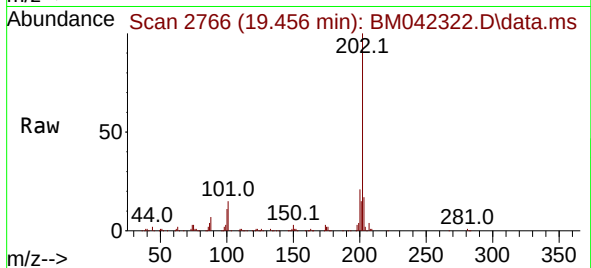
Tgt Ion:149 Resp: 247467
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.7 4.6 6.8





#80
Fluoranthene
Concen: 4.550 ng/u1
RT: 19.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

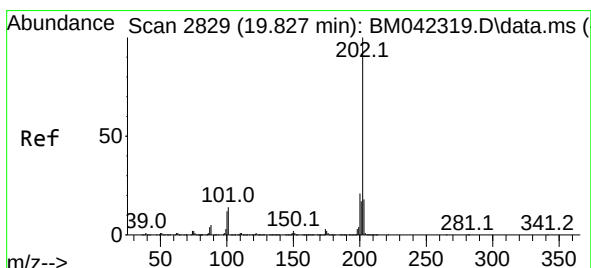
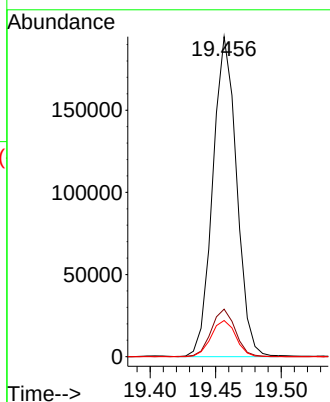
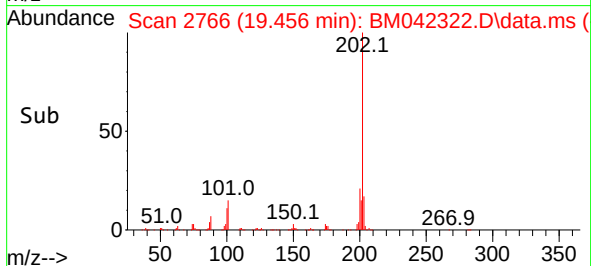
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



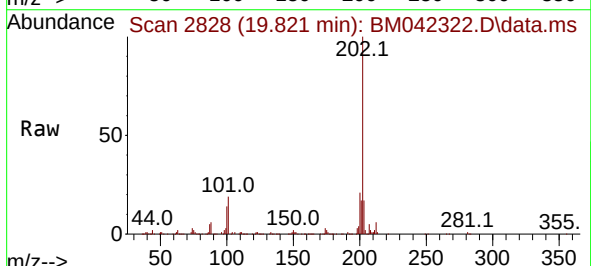
Tgt Ion:202 Resp: 24688
Ion Ratio Lower Upper
202 100
101 14.9 10.8 16.2
100 11.3 8.3 12.5

Manual Integrations
APPROVED

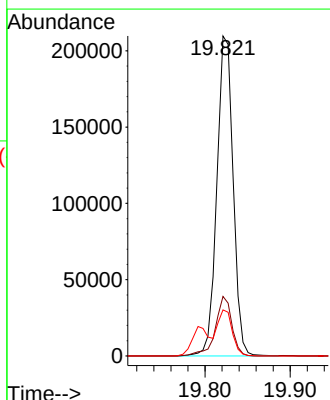
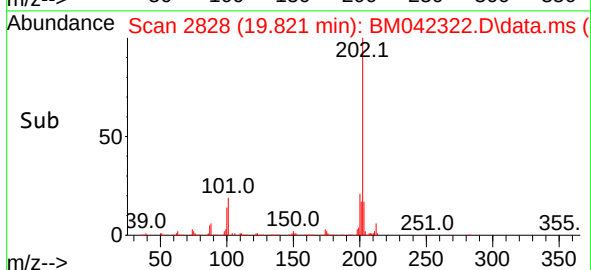
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

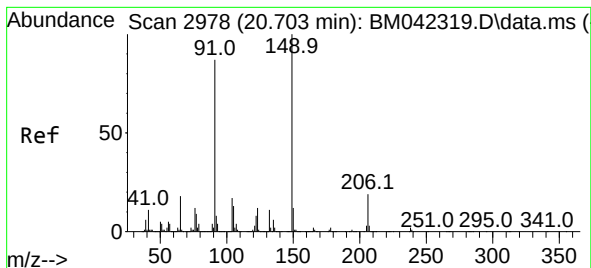


#82
Pyrene
Concen: 4.885 ng/u1
RT: 19.821 min Scan# 2828
Delta R.T. -0.012 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48



Tgt Ion:202 Resp: 278671
Ion Ratio Lower Upper
202 100
101 18.6 11.9 17.9#
100 14.4 9.9 14.9





#83

Butylbenzylphthalate

Concen: 3.996 ng/ul

RT: 20.703 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06

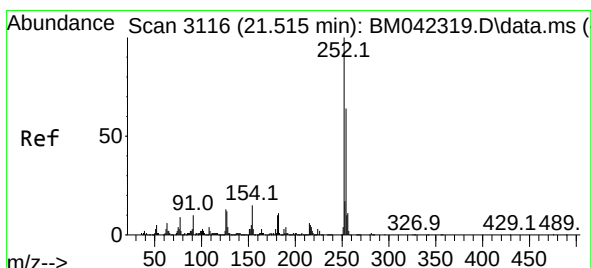
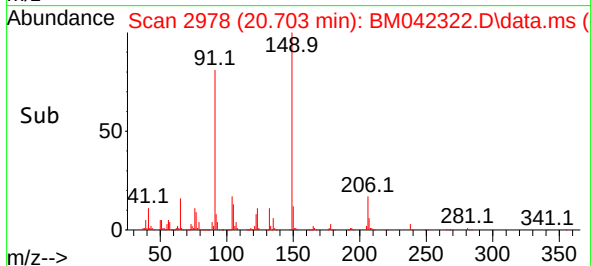
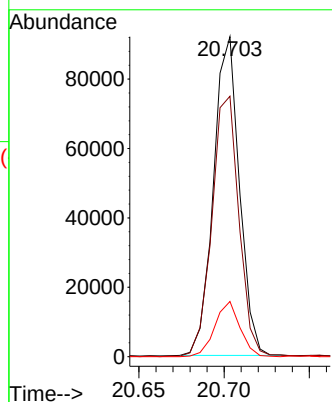
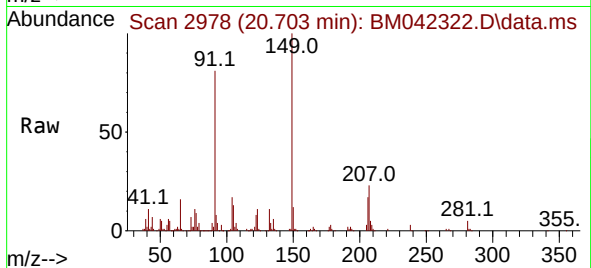
Tgt Ion:	149	Resp:	97169
Ion Ratio	Lower	Upper	
149	100		
91	81.4	67.1	100.7
206	17.3	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.669 ng/ul

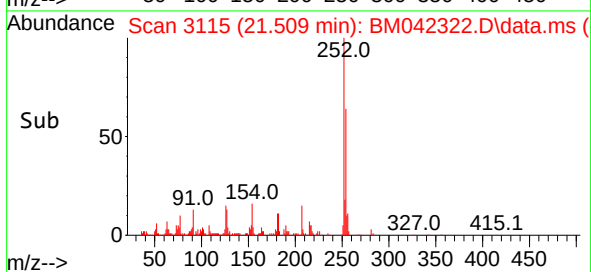
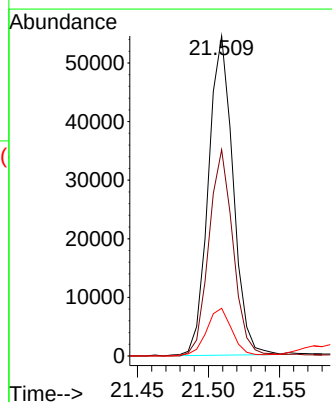
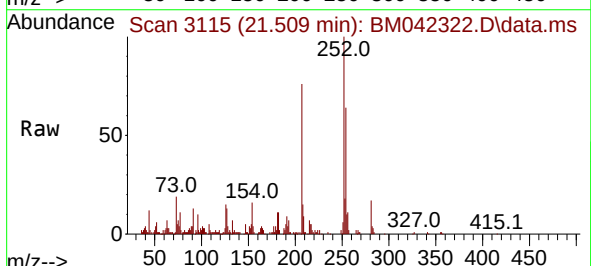
RT: 21.509 min Scan# 3115

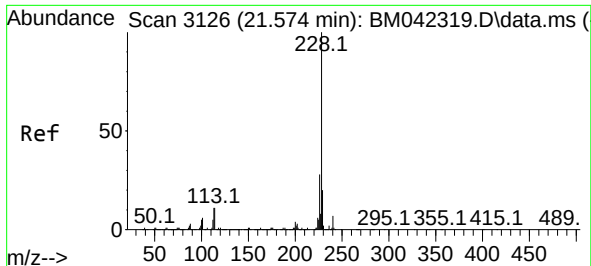
Delta R.T. -0.012 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

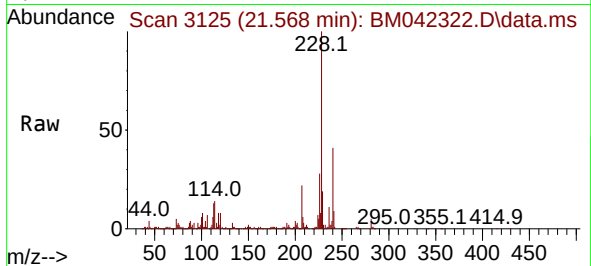
Tgt Ion:	252	Resp:	65881
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.5	78.7
126	14.9	10.4	15.6





#85
Benzo(a)anthracene
Concen: 4.333 ng/ul
RT: 21.568 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

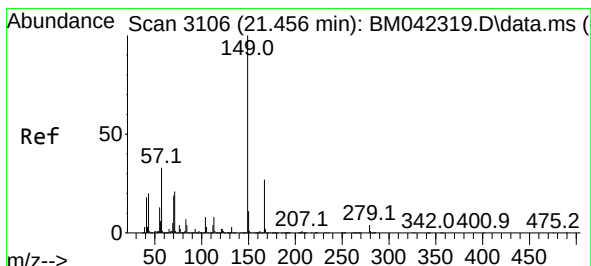
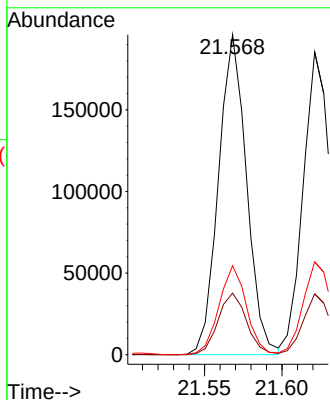
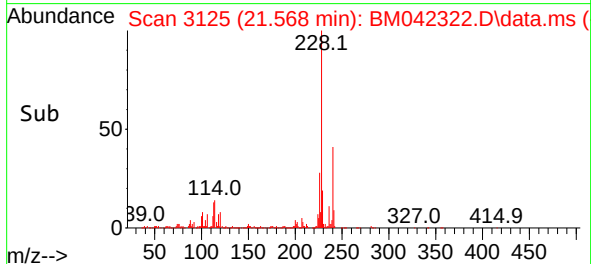
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:228 Resp: 247091
Ion Ratio Lower Upper
228 100
229 19.2 15.9 23.9
226 27.8 22.2 33.4

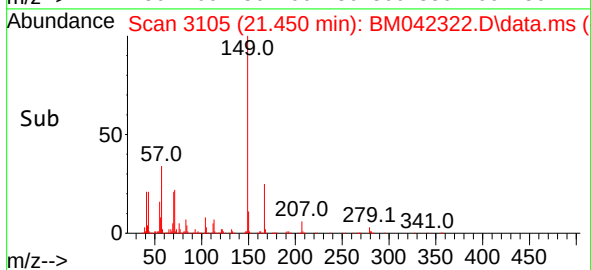
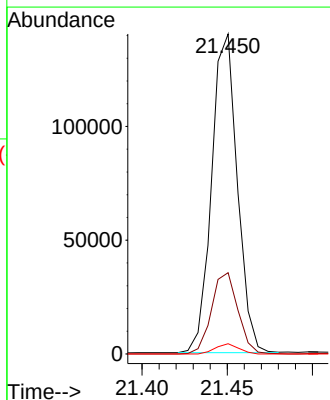
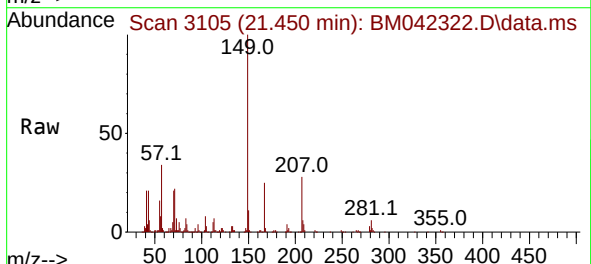
Manual Integrations
APPROVED

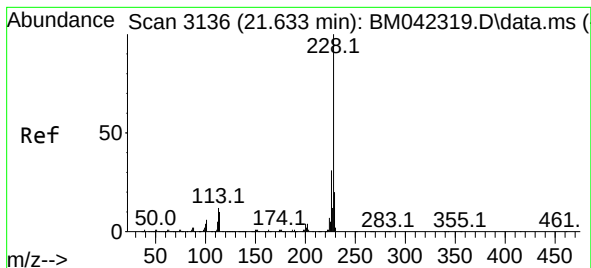
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.099 ng/ul
RT: 21.450 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion:149 Resp: 147268
Ion Ratio Lower Upper
149 100
167 25.4 21.1 31.7
279 3.2 2.4 3.6





#87

Chrysene

Concen: 4.396 ng/ul

RT: 21.621 min Scan# 3136

Delta R.T. -0.012 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06

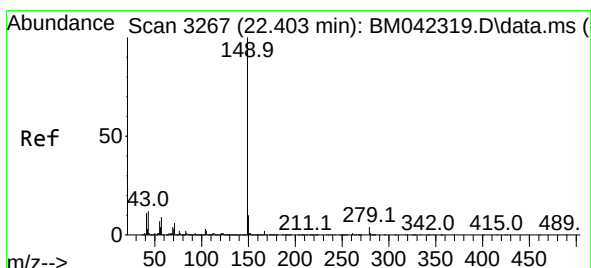
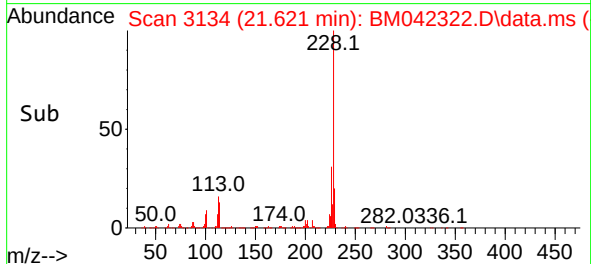
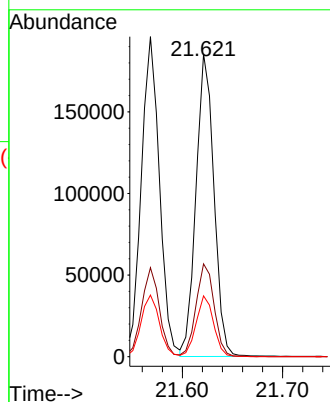
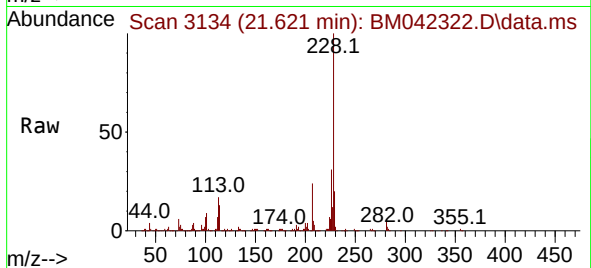
Tgt Ion:228 Resp: 230521
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 20.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#89

Di-n-octyl phthalate

Concen: 3.925 ng/ul

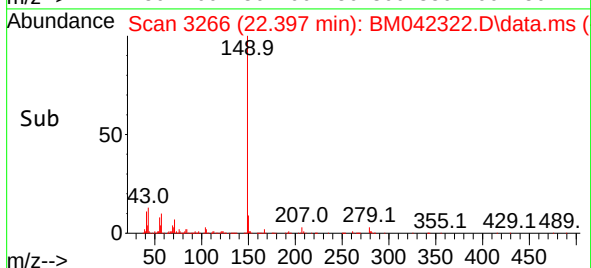
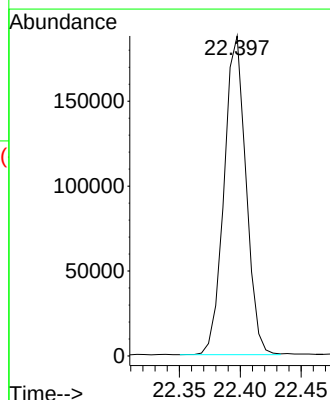
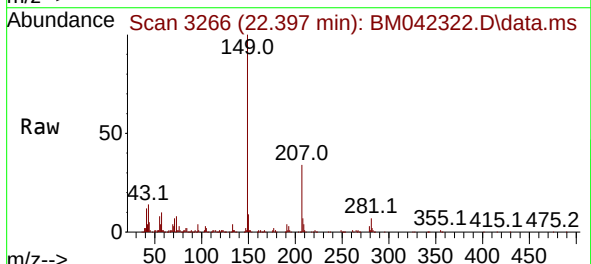
RT: 22.397 min Scan# 3266

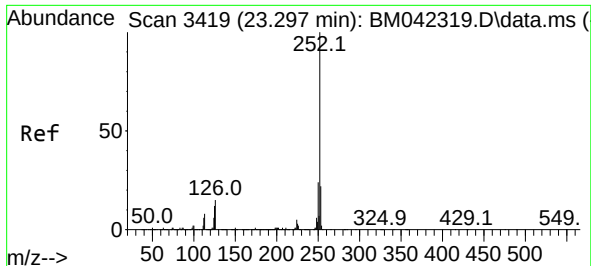
Delta R.T. -0.012 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

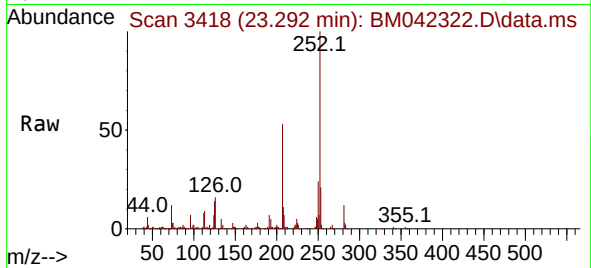
Tgt Ion:149 Resp: 235099





#90
Benzo(b)fluoranthene
Concen: 4.400 ng/ul
RT: 23.292 min Scan# 3419
Delta R.T. -0.018 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

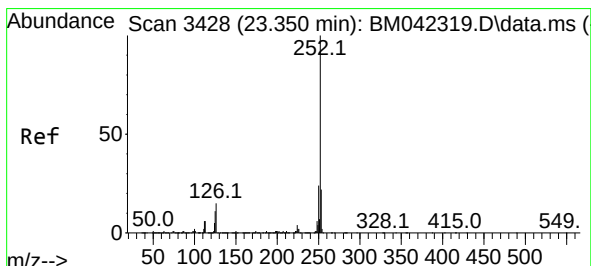
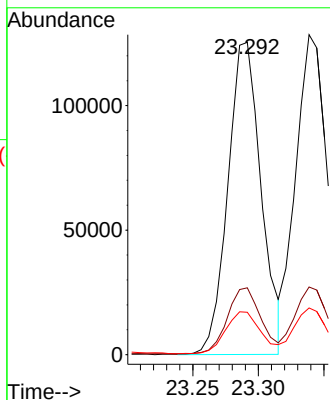
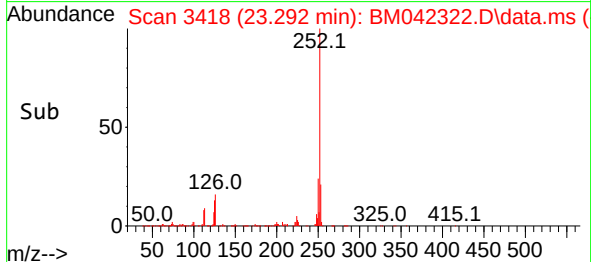
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06



Tgt Ion:252 Resp: 22169
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 13.6 9.4 14.2

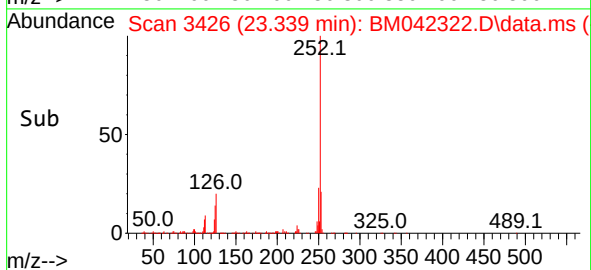
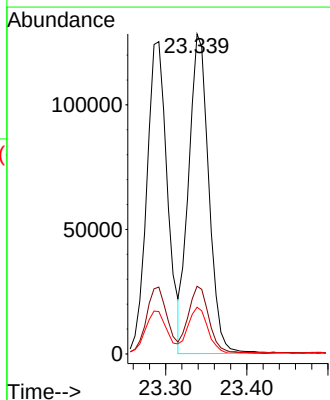
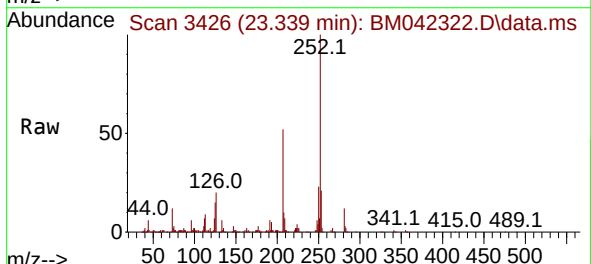
Manual Integrations
APPROVED

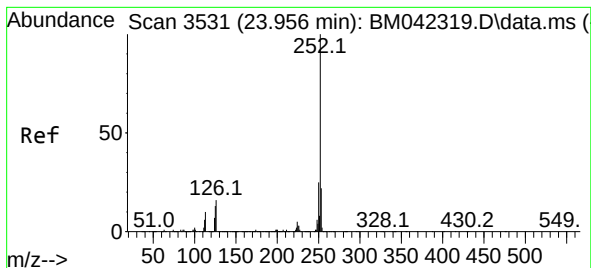
Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023



#91
Benzo(k)fluoranthene
Concen: 4.448 ng/ul
RT: 23.339 min Scan# 3426
Delta R.T. -0.018 min
Lab File: BM042322.D
Acq: 17 Oct 2023 15:48

Tgt Ion:252 Resp: 221649
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 14.6 9.8 14.6





#93

Benzo(a)pyrene

Concen: 4.475 ng/ul

RT: 23.944 min Scan# 3

Delta R.T. -0.018 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06

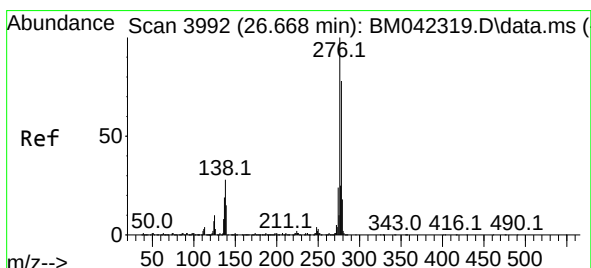
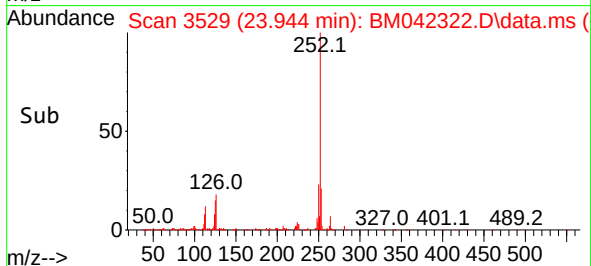
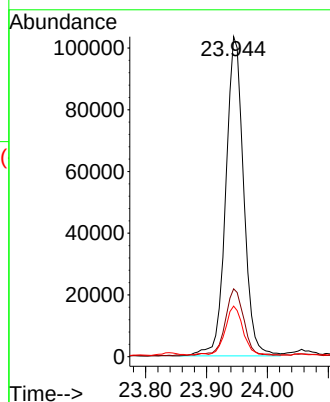
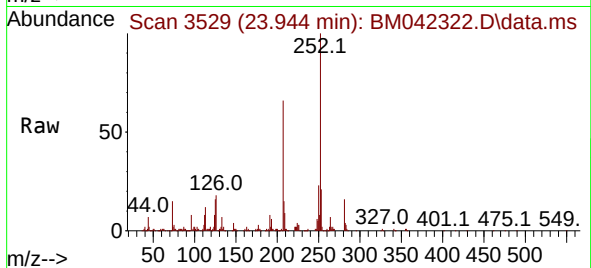
Tgt Ion:	252	Resp:	21099
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.3	25.9
125	15.8	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.817 ng/ul

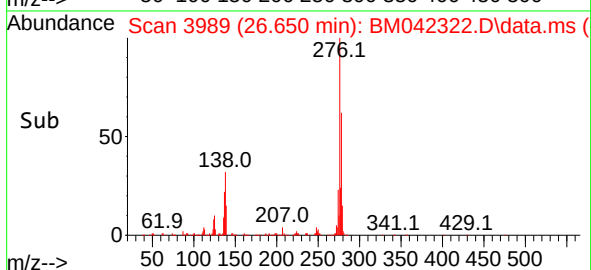
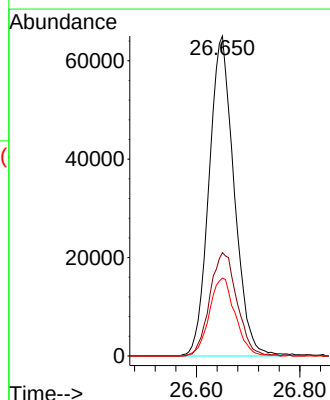
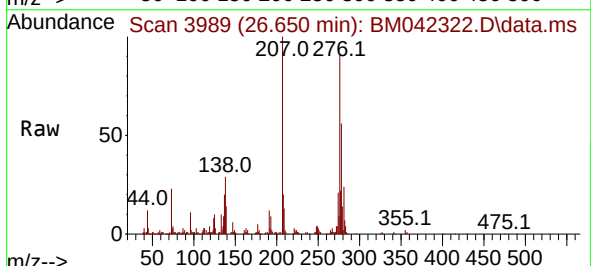
RT: 26.650 min Scan# 3989

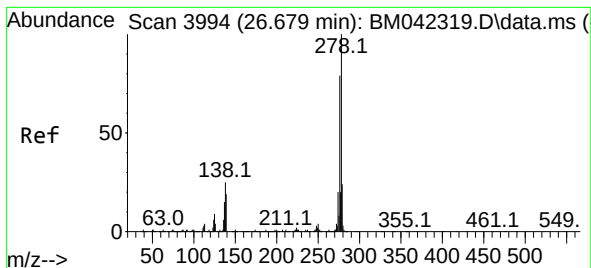
Delta R.T. -0.023 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Tgt Ion:	276	Resp:	218583
Ion Ratio	Lower	Upper	
276	100		
138	32.3	22.8	34.2
277	24.3	20.0	30.0





#95

Dibenzo(a,h)anthracene

Concen: 3.844 ng/ul

RT: 26.674 min Scan# 3994

Delta R.T. -0.018 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-06

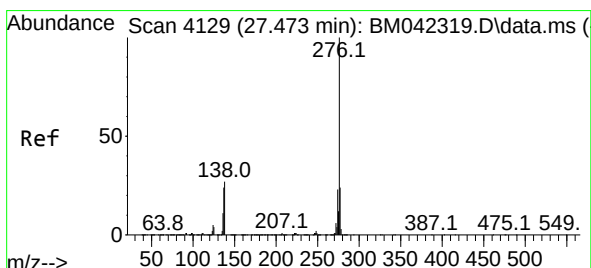
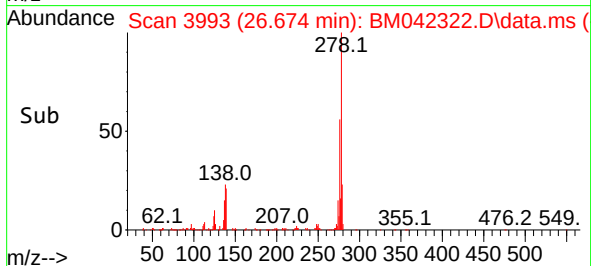
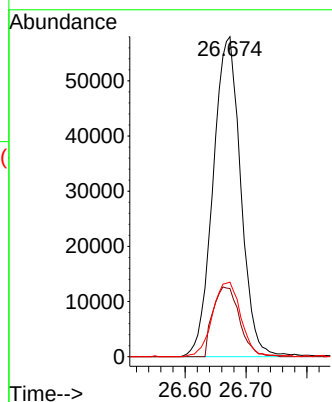
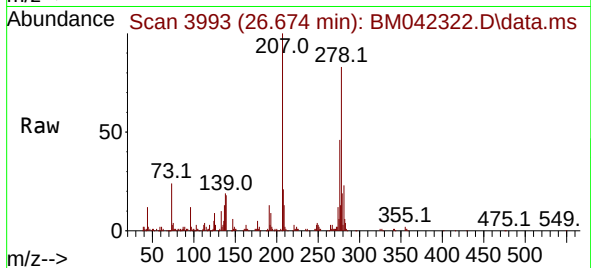
Tgt Ion:	278	Resp:	182589
Ion Ratio	Lower	Upper	
278	100		
139	21.3	15.8	23.8
279	23.3	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/18/2023

Supervised By :mohammad ahmed 10/19/2023



#96

Benzo(g,h,i)perylene

Concen: 3.860 ng/ul

RT: 27.456 min Scan# 4126

Delta R.T. -0.035 min

Lab File: BM042322.D

Acq: 17 Oct 2023 15:48

Tgt Ion:	276	Resp:	172932
Ion Ratio	Lower	Upper	
276	100		
138	29.7	22.1	33.1
277	24.1	19.4	29.0

