

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101323\
 Data File : BM042283.D
 Acq On : 13 Oct 2023 12:43
 Operator : MA/JU
 Sample : 02215-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Oct 14 02:07:59 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 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	142744	20.000	ng/u1	0.00
20) Naphthalene-d8	10.833	136	639822	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	409624	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.409	188	894874	20.000	ng/u1	0.00
79) Chrysene-d12	21.591	240	838219	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	894769	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	23963	5.245	ng/uL	0.00
4) Pyridine-d5	3.798	84	311241	23.003	ng/u1	0.00
7) Phenol-d5	7.157	99	341960	21.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	236540	22.129	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	246600	22.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	267435	21.346	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	128828	23.708	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	140559	24.198	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	240710	22.707	ng/u1	0.00
31) 4-Chloroaniline-d4	10.992	131	373622	22.385	ng/u1	0.00
46) Dimethylphthalate-d6	14.068	166	830668	23.393	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	914260	23.525	ng/u1	0.00
54) 4-Nitrophenol-d4	14.868	143	150536	21.077	ng/u1	0.00
60) Fluorene-d10	15.645	176	697687	23.902	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	114728	18.302	ng/u1	0.00
73) Anthracene-d10	17.509	188	1082389	23.612	ng/u1	0.00
81) Pyrene-d10	19.797	212	1234250	24.160	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1190906	24.248	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.404	88	5002m	0.999	ng/uL	
5) Pyridine	3.822	79	48363	3.453	ng/u1#	66
6) Benzaldehyde	7.169	77	40656	5.027	ng/u1	97
8) Phenol	7.186	94	54141	3.389	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.445	93	48586	3.662	ng/u1	97
12) 2-Chlorophenol	7.563	128	40998	3.607	ng/u1	95
13) 2-Methylphenol	8.451	108	36741	3.081	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.522	45	81565	3.606	ng/u1	99
16) Acetophenone	8.857	105	69043	3.550	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.822	70	37760	3.280	ng/u1	99
18) 4-Methylphenol	8.781	108	43596	3.318	ng/u1	97
19) Hexachloroethane	9.075	117	17637	3.678	ng/u1	95
22) Nitrobenzene	9.251	77	56803	3.696	ng/u1	97
23) Isophorone	9.763	82	98806	3.316	ng/u1	99
25) 2-Nitrophenol	9.951	139	23429	3.686	ng/u1	96
26) 2,4-Dimethylphenol	9.992	107	47178	3.492	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.245	93	68428	3.672	ng/u1	98
29) 2,4-Dichlorophenol	10.469	162	38363	3.705	ng/u1	93
30) Naphthalene	10.886	128	143409	3.824	ng/u1	99
32) 4-Chloroaniline	11.016	127	59754	3.704	ng/u1	96
33) Hexachlorobutadiene	11.116	225	23474	3.928	ng/u1	96
34) Caprolactam	11.857	113	10823m	2.863	ng/u1	
35) 4-Chloro-3-methylphenol	12.116	107	40152	3.149	ng/u1	96
36) 2-Methylnaphthalene	12.486	142	97579	3.801	ng/u1	98

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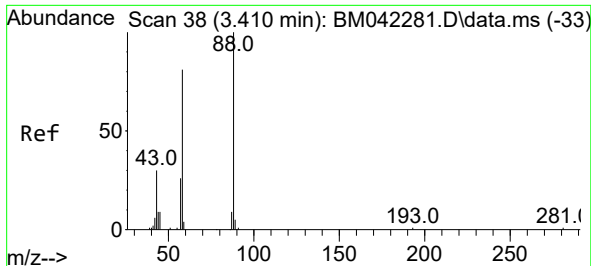
Quant Time: Oct 14 02:07:59 2023
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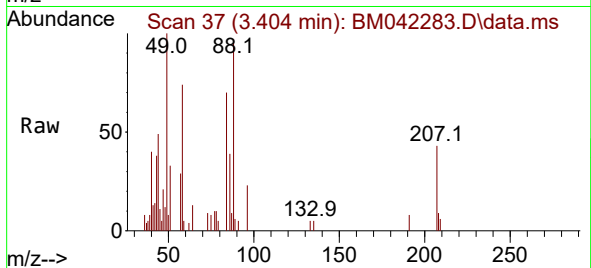
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	100898	3.889	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.833	216	47328	3.669	ng/ul	99
40) Hexachlorocyclopentadiene	12.786	237	21915	2.625	ng/ul	93
41) 2,4,6-Trichlorophenol	13.092	196	27149	3.148	ng/ul	95
42) 2,4,5-Trichlorophenol	13.157	196	30226	3.265	ng/ul	96
43) 1,1'-Biphenyl	13.492	154	132788	3.782	ng/ul	98
44) 2-Chloronaphthalene	13.539	162	101105	3.757	ng/ul	99
45) 2-Nitroaniline	13.774	65	26821	2.772	ng/ul	98
47) Dimethylphthalate	14.115	163	132511	3.750	ng/ul	100
48) 2,6-Dinitrotoluene	14.262	165	18597	2.907	ng/ul	97
50) Acenaphthylene	14.386	152	170977	3.809	ng/ul	99
51) 3-Nitroaniline	14.598	138	21291	2.824	ng/ul	98
52) Acenaphthene	14.721	153	112997	3.748	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	7139	1.649	ng/ul	95
55) 4-Nitrophenol	14.880	109	19204	3.315	ng/ul	85
56) Dibenzofuran	15.057	168	157148	3.880	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	29877	3.168	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.268	232	25440	3.274	ng/ul	92
59) Diethylphthalate	15.462	149	130696	3.624	ng/ul	99
61) Fluorene	15.704	166	130128	3.874	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.692	204	61618	3.799	ng/ul	100
63) 4-Nitroaniline	15.762	138	23146	3.432	ng/ul#	61
66) 4,6-Dinitro-2-methylph...	15.786	198	21776	3.322	ng/ul#	81
67) N-Nitrosodiphenylamine	15.915	169	103343	3.630	ng/ul	97
68) 4-Bromophenyl-phenylether	16.592	248	34874	3.623	ng/ul	96
69) Hexachlorobenzene	16.674	284	41816	3.821	ng/ul	95
70) Atrazine	16.862	200	31315	3.206	ng/ul	97
71) Pentachlorophenol	17.039	266	18660	2.516	ng/ul	94
72) Phenanthrene	17.451	178	206670	3.765	ng/ul	99
74) Anthracene	17.545	178	208758	3.781	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	45820	3.456	ng/uL	97
76) Pentachlorobenzene	14.951	250	51618	3.965	ng/uL	96
77) Carbazole	17.827	167	175507	3.490	ng/ul	98
78) Di-n-butylphthalate	18.350	149	201542	3.166	ng/ul	99
80) Fluoranthene	19.462	202	221285	3.658	ng/ul	99
82) Pyrene	19.827	202	246151	3.870	ng/ul	97
83) Butylbenzylphthalate	20.709	149	80680	2.976	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.515	252	54506	2.722	ng/ul	99
85) Benzo(a)anthracene	21.574	228	224944	3.538	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	122874	3.067	ng/ul	100
87) Chrysene	21.627	228	216807	3.708	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	200818	2.779	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	208531	3.430	ng/ul	99
91) Benzo(k)fluoranthene	23.350	252	219187	3.645	ng/ul	99
93) Benzo(a)pyrene	23.956	252	202479	3.559	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.656	276	219431	3.175	ng/ul	98
95) Dibenzo(a,h)anthracene	26.679	278	180830	3.155	ng/ul	99
96) Benzo(g,h,i)perylene	27.468	276	174476	3.228	ng/ul	97

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



#2
1,4-Dioxane
Concen: 0.999 ng/uL m
RT: 3.404 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

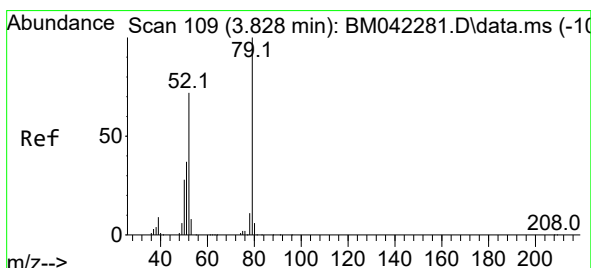
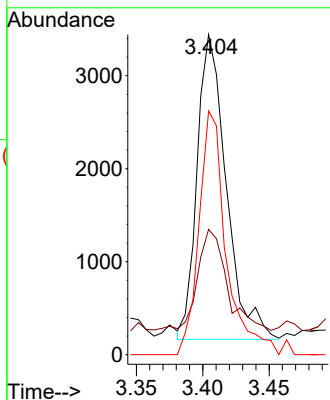
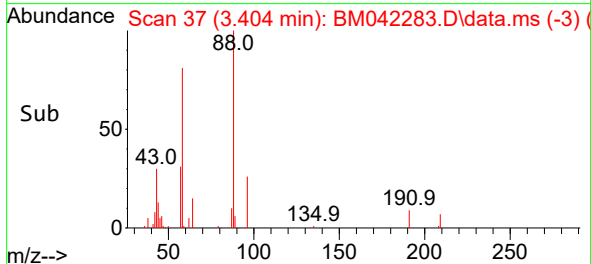
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 88 Resp: 500
Ion Ratio Lower Upper
88 100
43 39.1 27.5 41.3
58 76.2 61.8 92.8

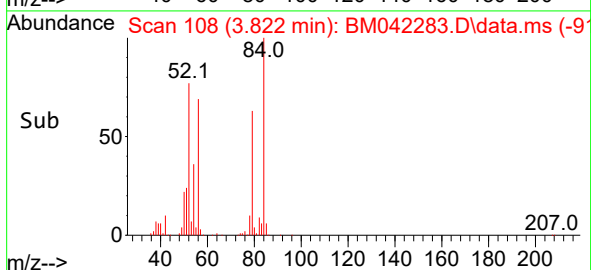
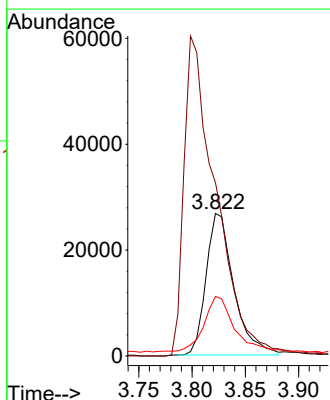
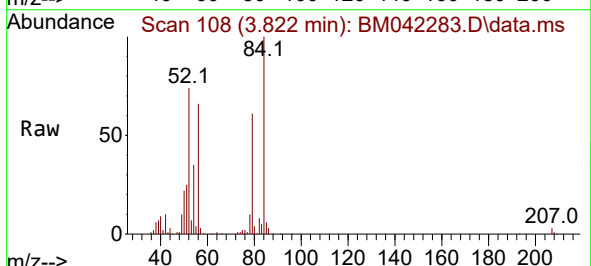
Manual Integrations
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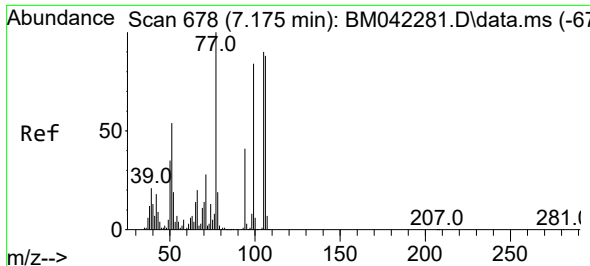
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#5
Pyridine
Concen: 3.453 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

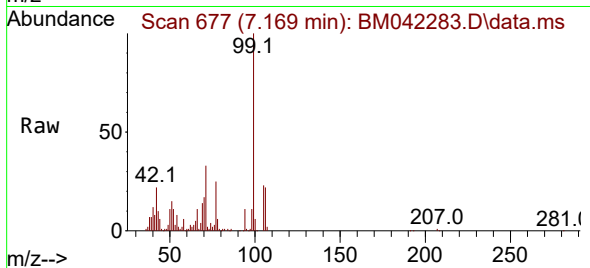
Tgt Ion: 79 Resp: 48363
Ion Ratio Lower Upper
79 100
52 121.5 63.8 95.6#
51 41.8 30.2 45.2





#6
Benzaldehyde
Concen: 5.027 ng/ul
RT: 7.169 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

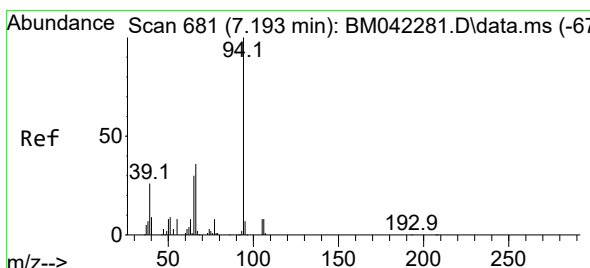
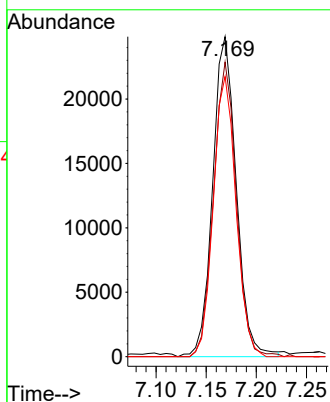
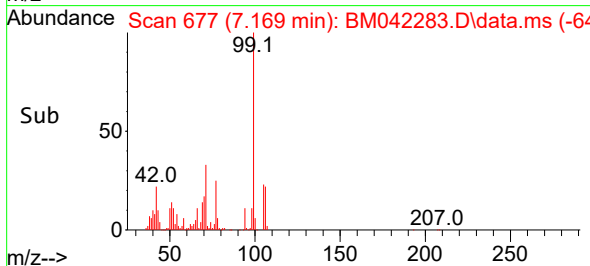
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 77 Resp: 40650
Ion Ratio Lower Upper
77 100
105 92.0 70.6 105.8
106 87.6 71.6 107.4

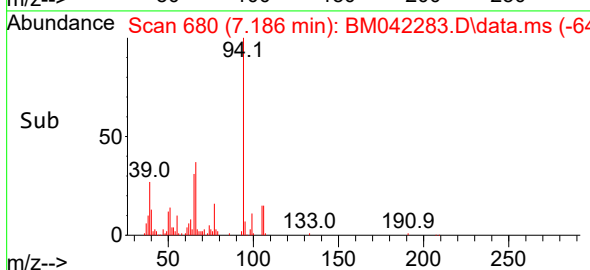
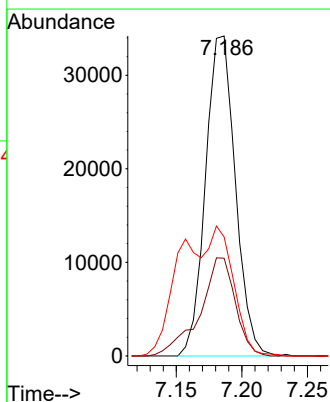
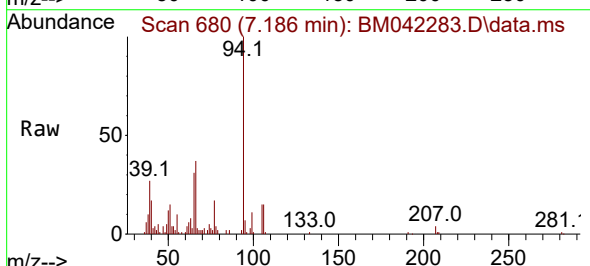
Manual Integrations
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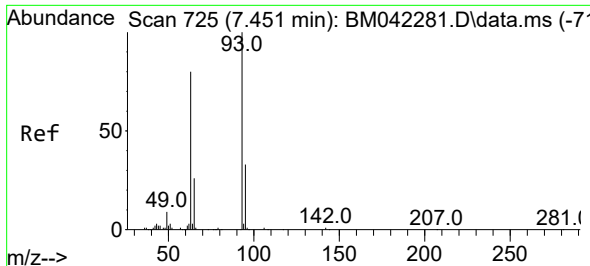
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#8
Phenol
Concen: 3.389 ng/ul
RT: 7.186 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

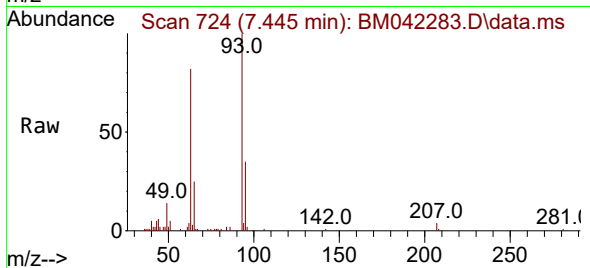
Tgt Ion: 94 Resp: 54141
Ion Ratio Lower Upper
94 100
65 30.6 24.1 36.1
66 37.2 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 3.662 ng/ul
RT: 7.445 min Scan# 725
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

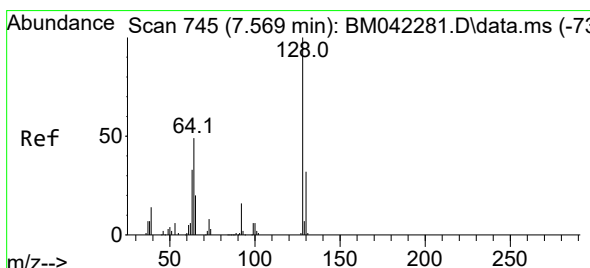
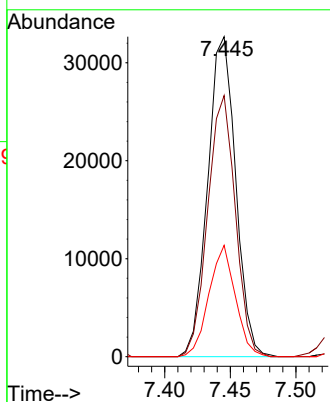
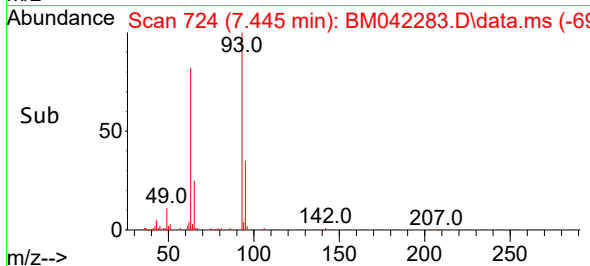
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 93 Resp: 48580
Ion Ratio Lower Upper
93 100
63 81.6 67.3 100.9
95 34.8 26.7 40.1

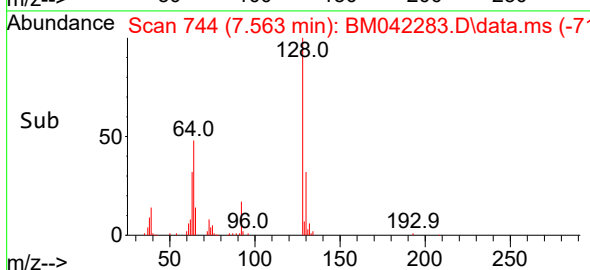
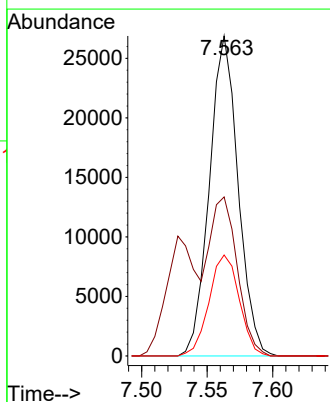
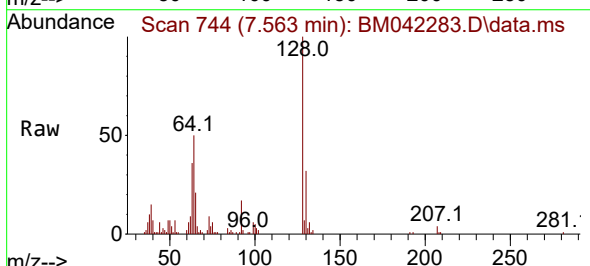
Manual Integrations
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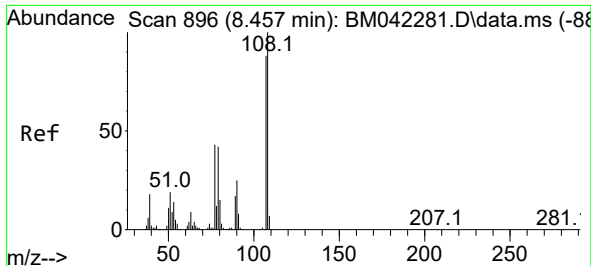
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#12
2-Chlorophenol
Concen: 3.607 ng/ul
RT: 7.563 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion:128 Resp: 40998
Ion Ratio Lower Upper
128 100
64 49.7 43.8 65.6
130 31.5 25.9 38.9





#13

2-Methylphenol

Concen: 3.081 ng/ul

RT: 8.451 min Scan# 896

Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:108 Resp: 3674

Ion Ratio Lower Upper

108 100

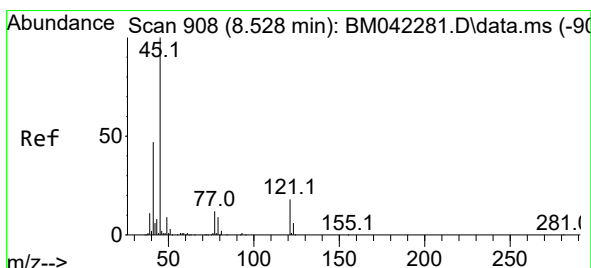
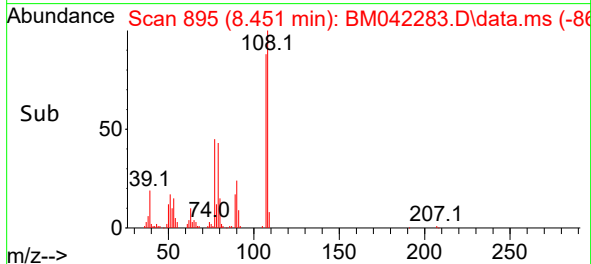
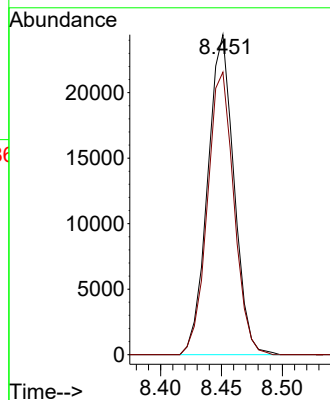
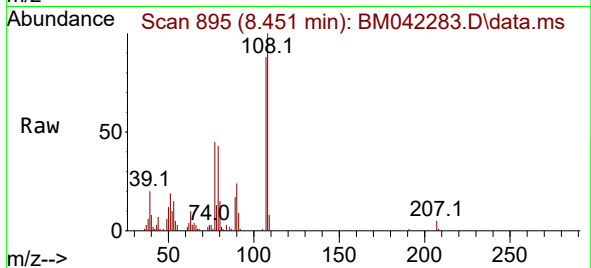
107 88.3 70.6 106.0

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.606 ng/ul

RT: 8.522 min Scan# 907

Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

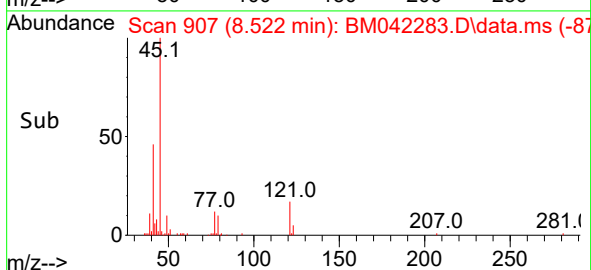
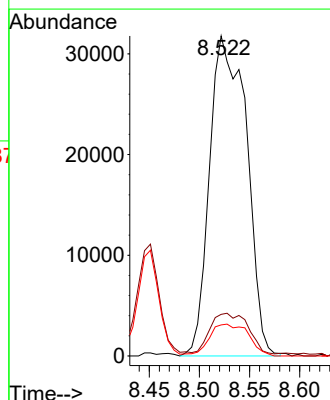
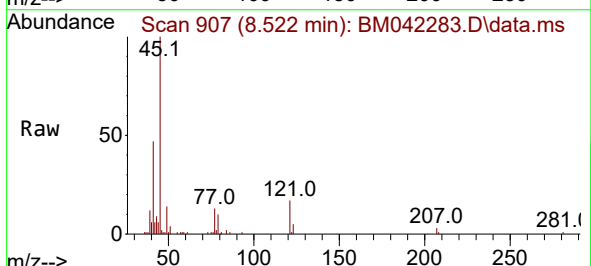
Tgt Ion: 45 Resp: 81565

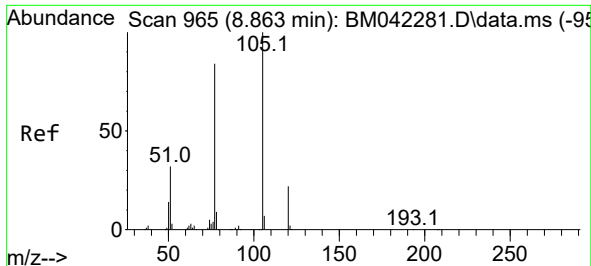
Ion Ratio Lower Upper

45 100

77 13.0 10.5 15.7

79 9.7 7.3 10.9





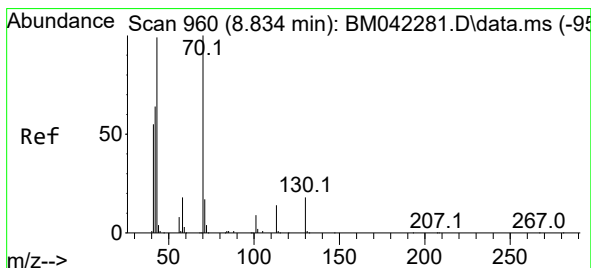
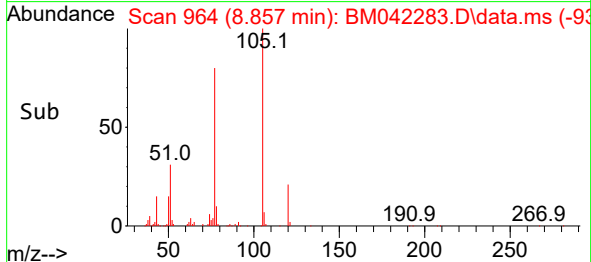
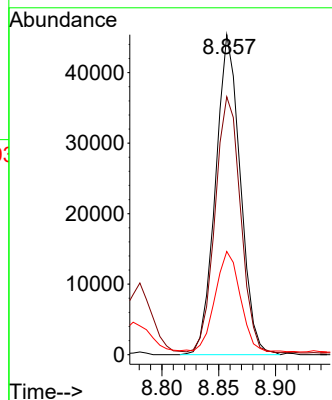
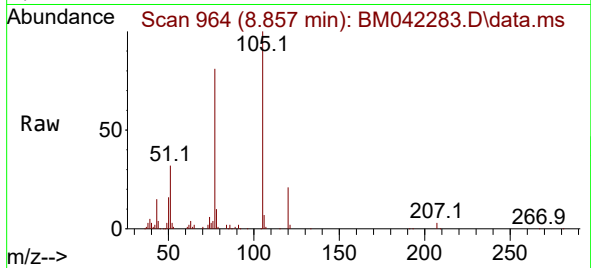
#16
Acetophenone
Concen: 3.550 ng/ul
RT: 8.857 min Scan# 901
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 6904
Ion Ratio Lower Upper
105 100
77 80.6 67.8 101.8
51 32.3 26.9 40.3

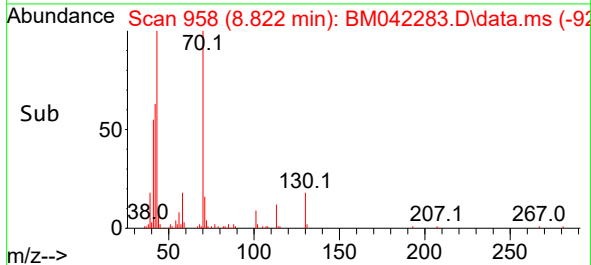
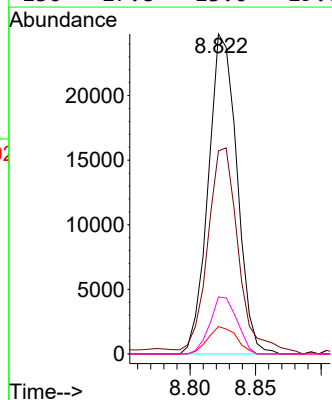
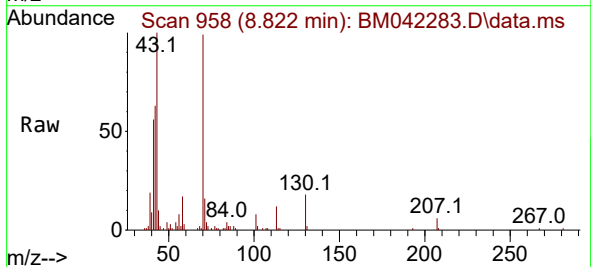
Manual Integrations
APPROVED

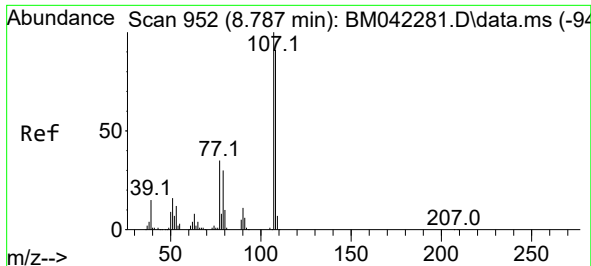
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.280 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion: 70 Resp: 37760
Ion Ratio Lower Upper
70 100
42 63.4 51.0 76.4
101 8.5 6.7 10.1
130 17.8 13.0 19.6





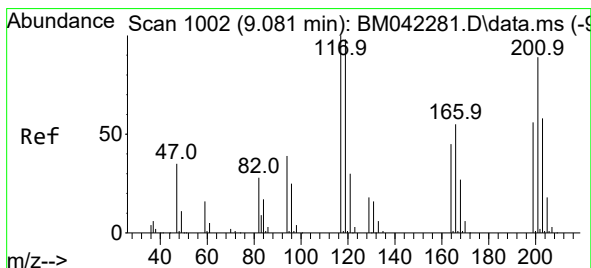
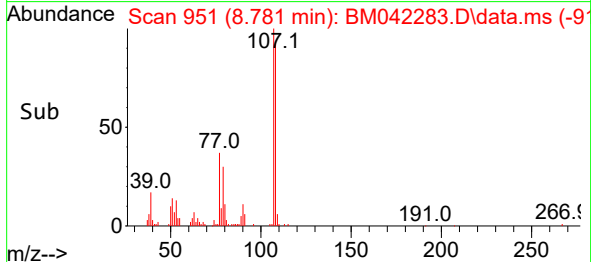
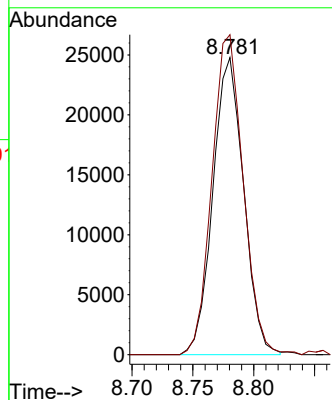
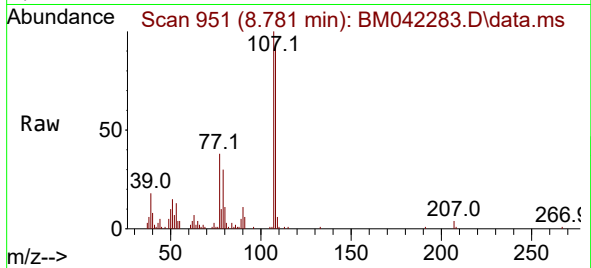
#18
4-Methylphenol
Concen: 3.318 ng/ul
RT: 8.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:108 Resp: 43590
Ion Ratio Lower Upper
108 100
107 107.7 89.0 133.6

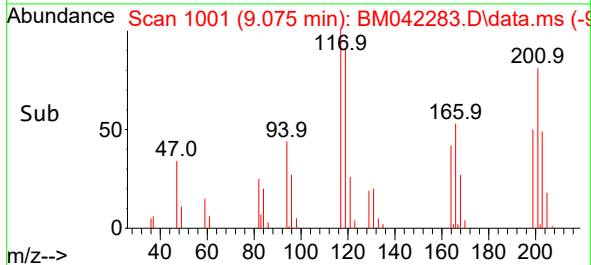
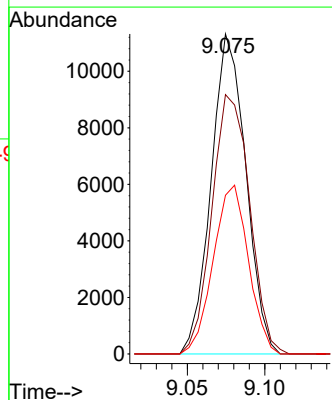
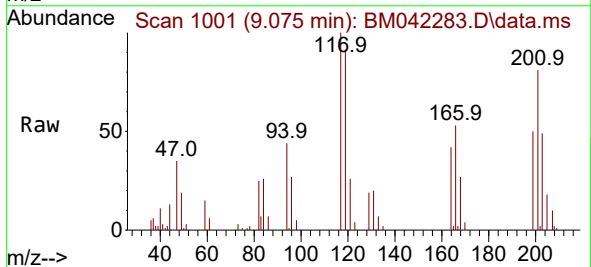
Manual Integrations
APPROVED

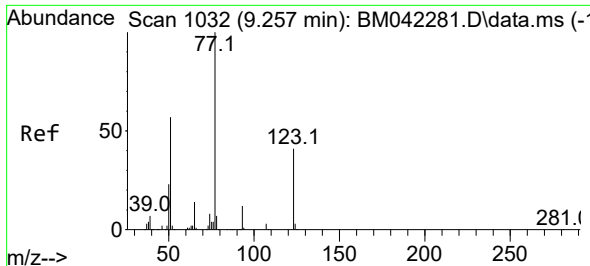
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#19
Hexachloroethane
Concen: 3.678 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion:117 Resp: 17637
Ion Ratio Lower Upper
117 100
201 81.1 69.8 104.8
199 49.6 40.8 61.2





#22

Nitrobenzene

Concen: 3.696 ng/ul

RT: 9.251 min Scan# 1103

Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

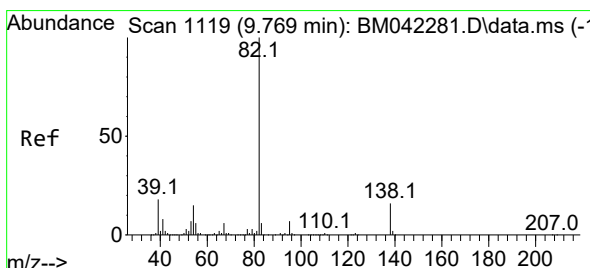
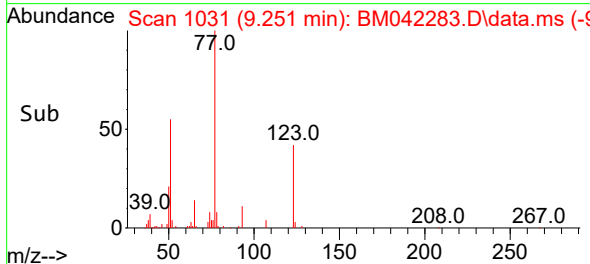
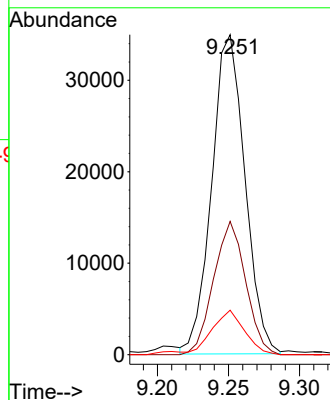
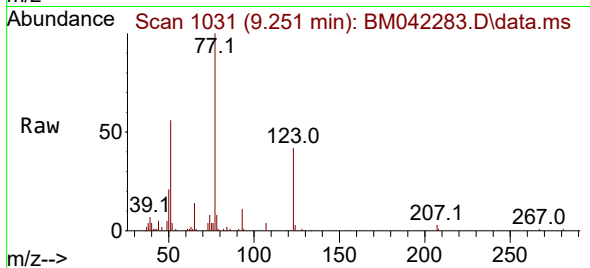
Tgt Ion: 77	Resp: 5680
Ion Ratio	Lower Upper
77 100	
123 41.6	31.3 46.9
65 13.9	10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#23

Isophorone

Concen: 3.316 ng/ul

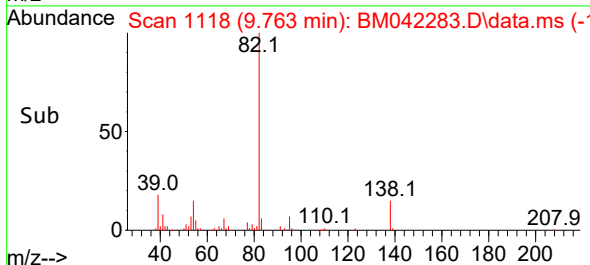
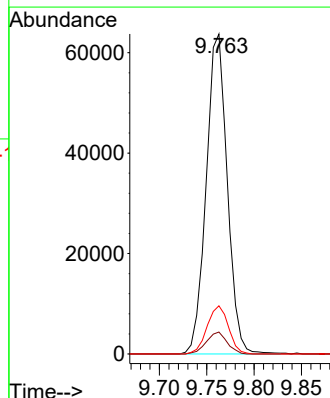
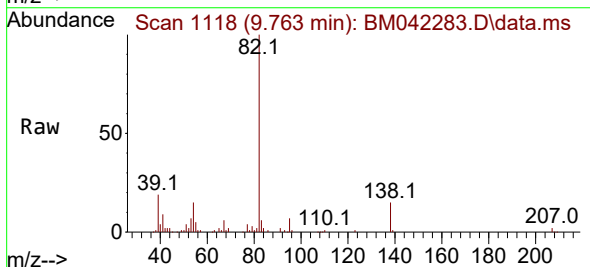
RT: 9.763 min Scan# 1118

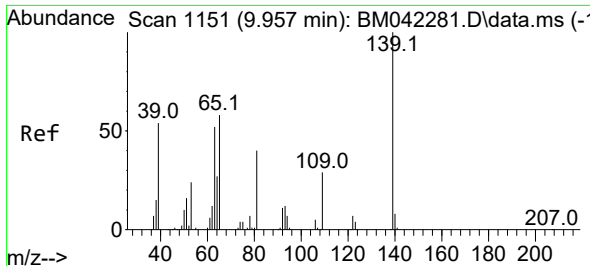
Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion: 82	Resp: 98806
Ion Ratio	Lower Upper
82 100	
95 6.8	5.0 7.4
138 15.1	11.8 17.6





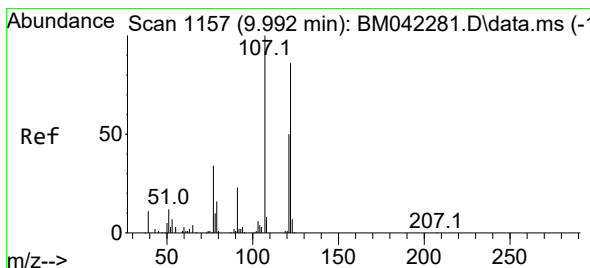
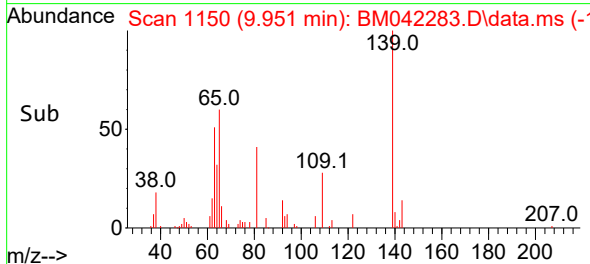
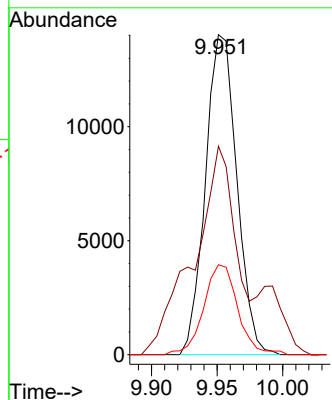
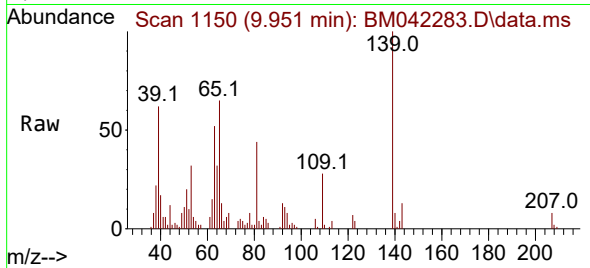
#25
2-Nitrophenol
Concen: 3.686 ng/ul
RT: 9.951 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:139 Resp: 23429
Ion Ratio Lower Upper
139 100
65 65.2 49.4 74.2
109 28.1 24.0 36.0

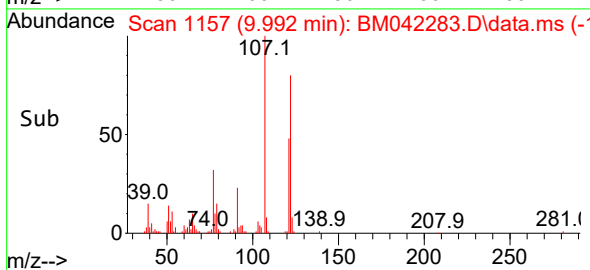
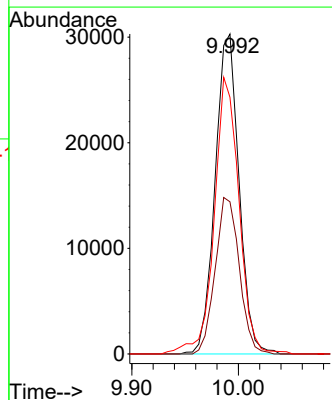
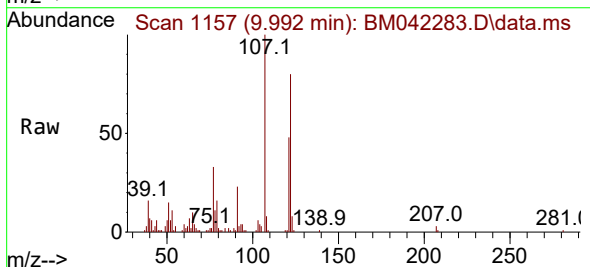
Manual Integrations
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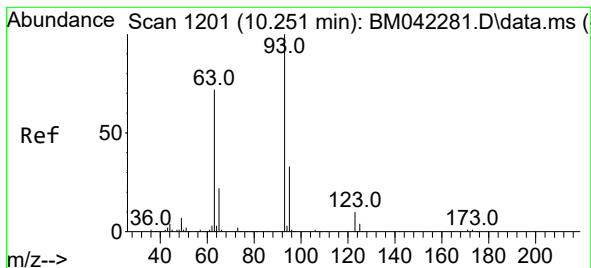
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#26
2,4-Dimethylphenol
Concen: 3.492 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion:107 Resp: 47178
Ion Ratio Lower Upper
107 100
121 47.6 38.4 57.6
122 80.2 68.6 102.8





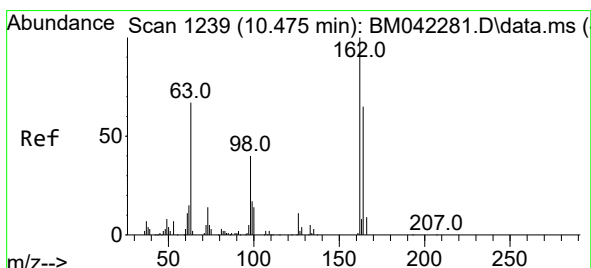
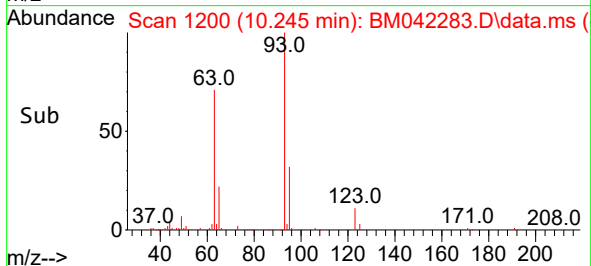
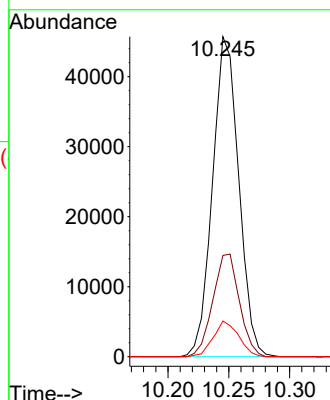
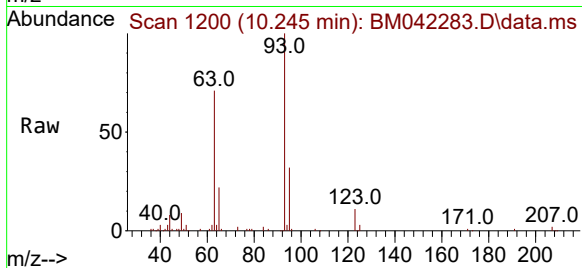
#27
Bis(2-Chloroethoxy)methane
Concen: 3.672 ng/ul
RT: 10.245 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 93 Resp: 68428
Ion Ratio Lower Upper
93 100
95 31.6 26.1 39.1
123 11.2 8.1 12.1

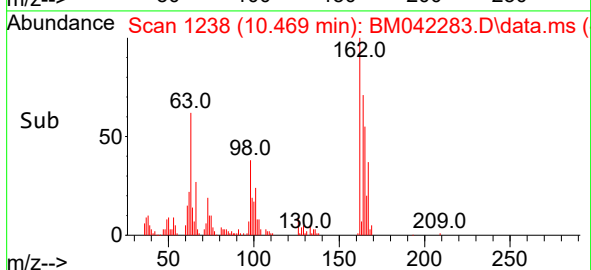
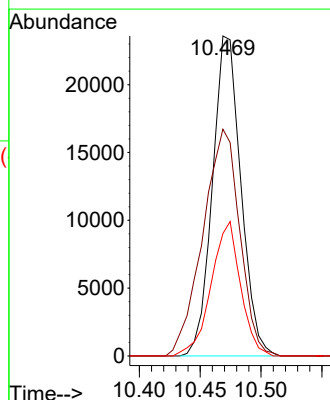
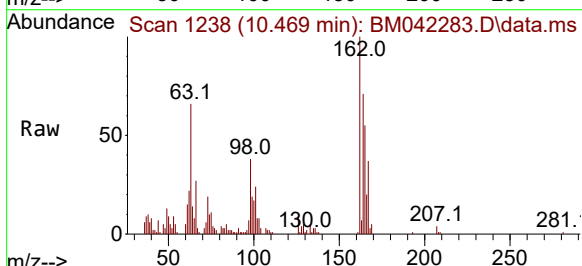
Manual Integrations
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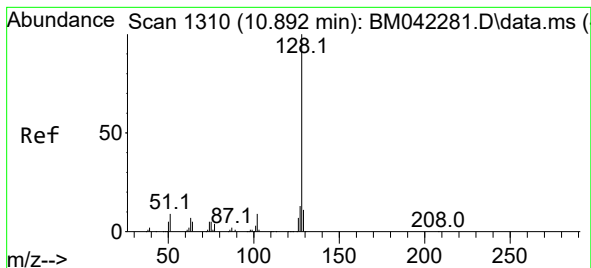
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#29
2,4-Dichlorophenol
Concen: 3.705 ng/ul
RT: 10.469 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion:162 Resp: 38363
Ion Ratio Lower Upper
162 100
164 70.9 52.4 78.6
98 38.2 34.6 52.0





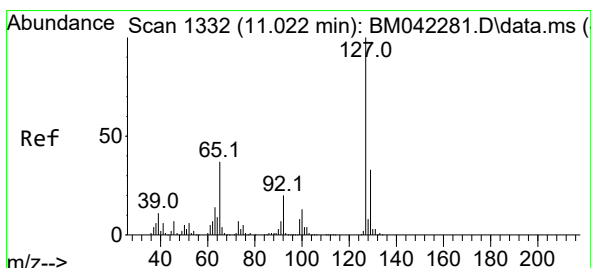
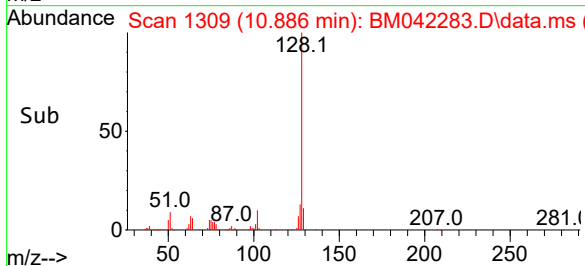
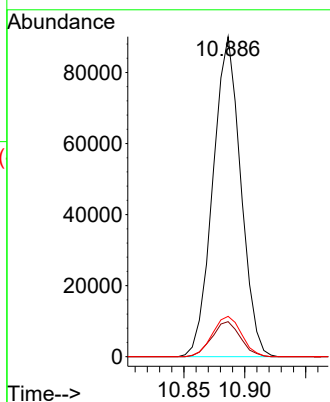
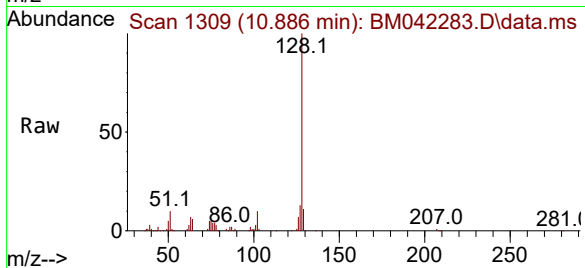
#30
Naphthalene
Concen: 3.824 ng/ul
RT: 10.886 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:128 Resp: 143409
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.4 15.6

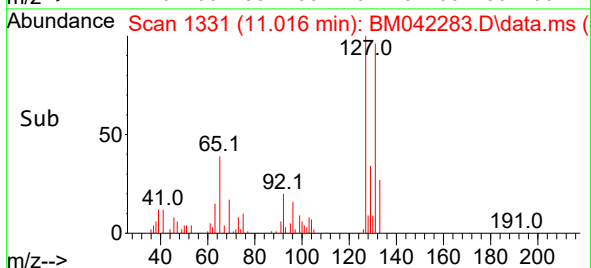
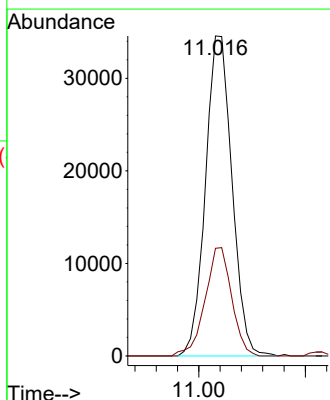
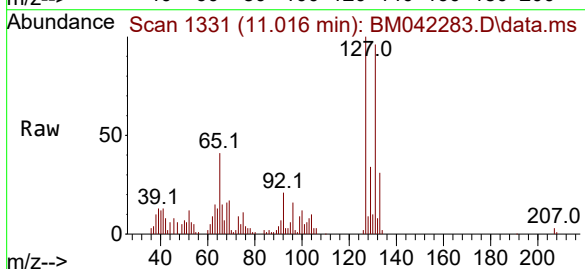
Manual Integrations
APPROVED

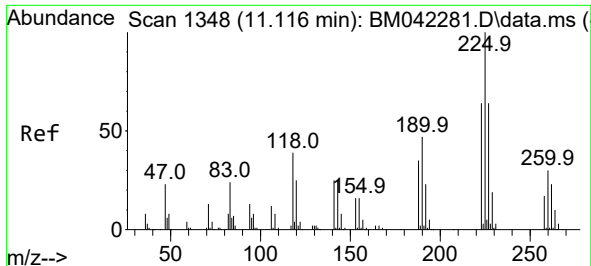
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#32
4-Chloroaniline
Concen: 3.704 ng/ul
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

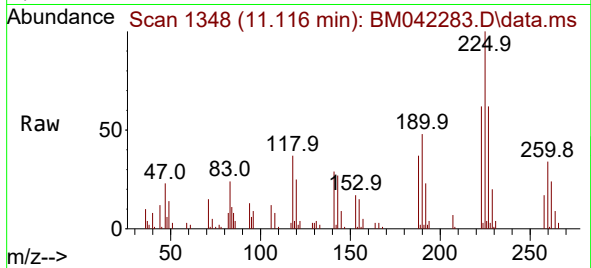
Tgt Ion:127 Resp: 59754
Ion Ratio Lower Upper
127 100
129 33.7 25.1 37.7





#33
Hexachlorobutadiene
Concen: 3.928 ng/ul
RT: 11.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

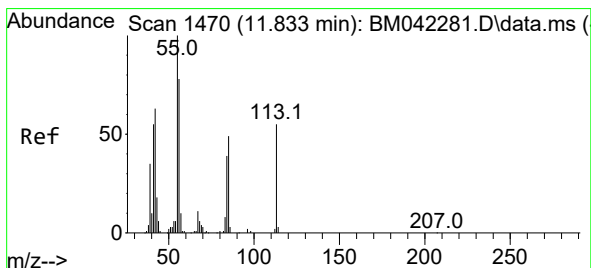
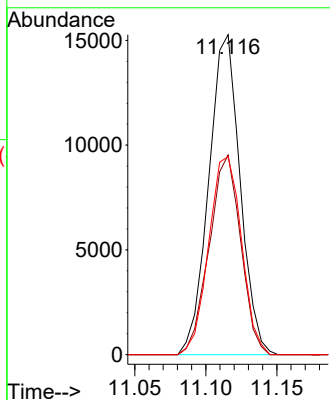
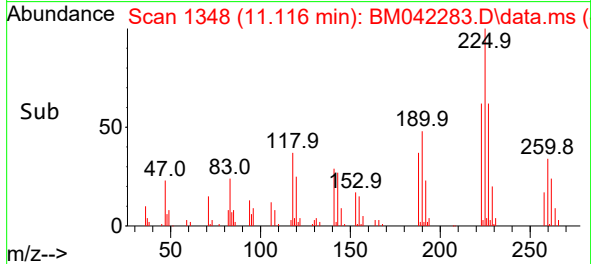
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:225 Resp: 23474
Ion Ratio Lower Upper
225 100
223 62.4 51.3 76.9
227 61.9 53.4 80.0

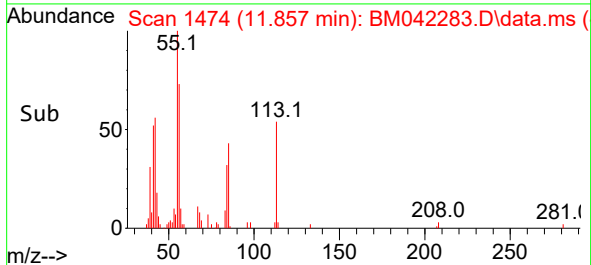
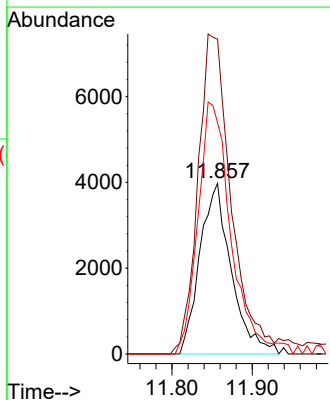
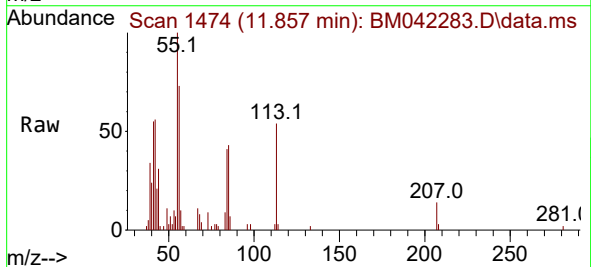
Manual Integrations
APPROVED

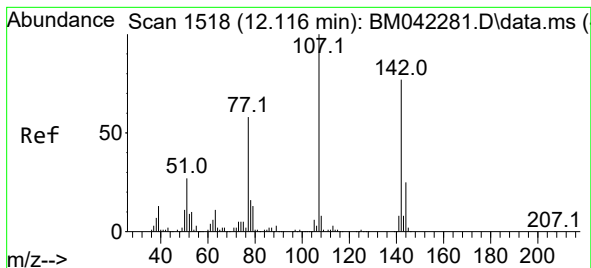
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Caprolactam
Concen: 2.863 ng/ul m
RT: 11.857 min Scan# 1474
Delta R.T. 0.023 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

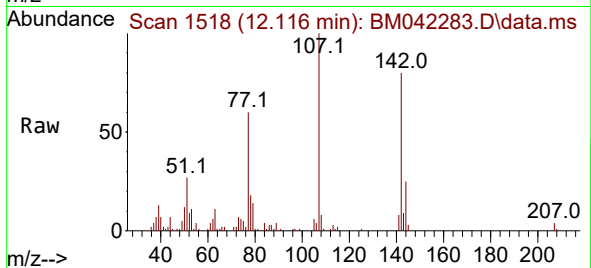
Tgt Ion:113 Resp: 10823
Ion Ratio Lower Upper
113 100
55 184.3 162.1 243.1
56 135.4 124.2 186.2





#35
4-Chloro-3-methylphenol
Concen: 3.149 ng/ul
RT: 12.116 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

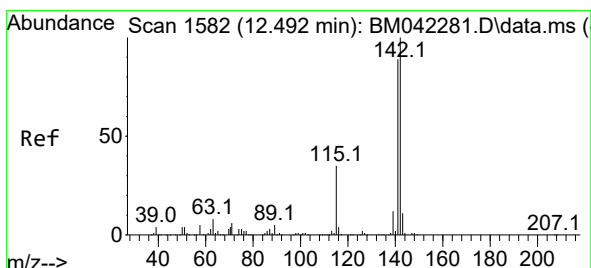
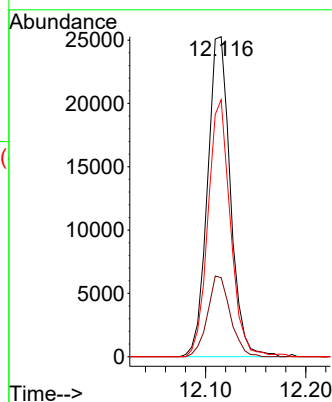
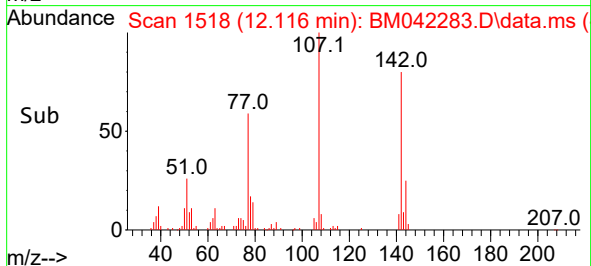
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:107 Resp: 40152
Ion Ratio Lower Upper
107 100
144 24.7 19.3 28.9
142 80.3 60.6 91.0

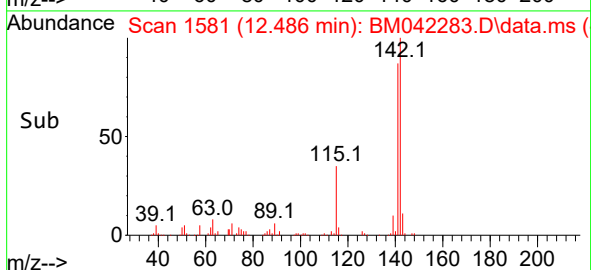
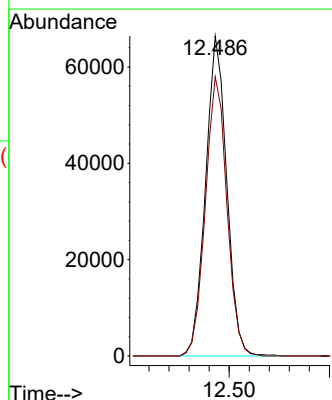
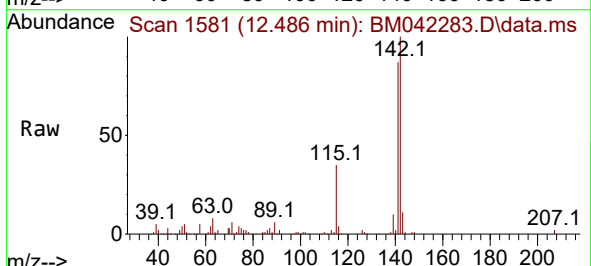
Manual Integrations
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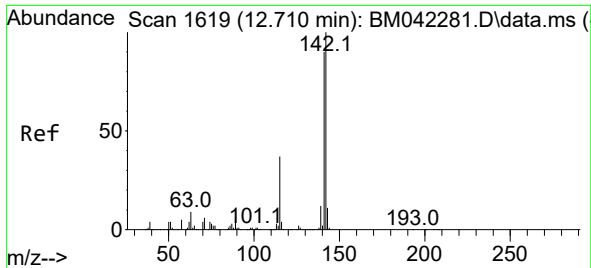
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#36
2-Methylnaphthalene
Concen: 3.801 ng/ul
RT: 12.486 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

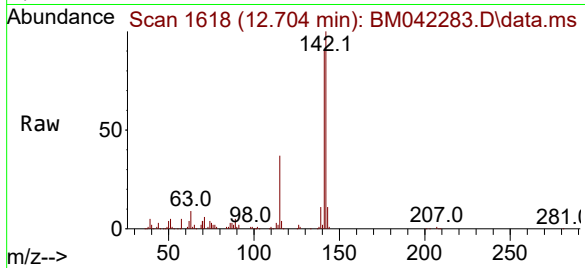
Tgt Ion:142 Resp: 97579
Ion Ratio Lower Upper
142 100
141 87.2 71.5 107.3





#37
1-Methylnaphthalene
Concen: 3.889 ng/ul
RT: 12.704 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

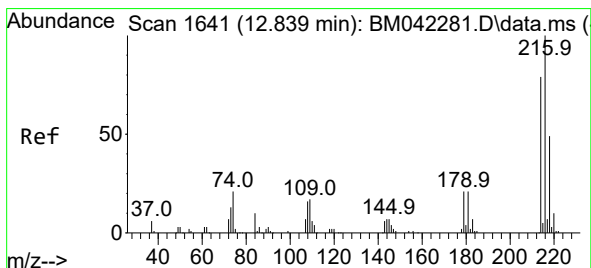
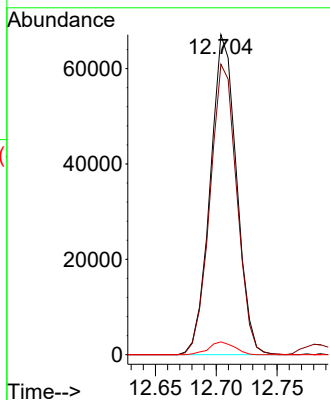
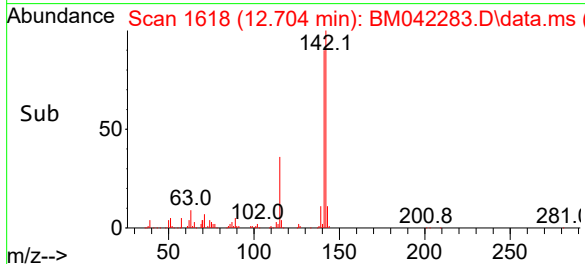
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



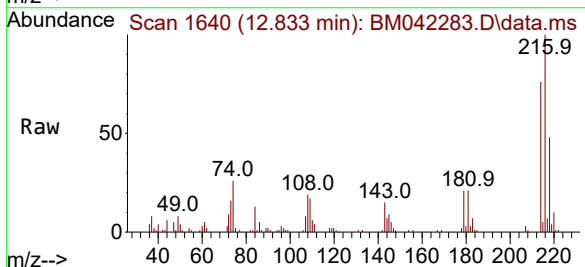
Tgt Ion:142 Resp: 100898
Ion Ratio Lower Upper
142 100
141 90.8 74.6 111.8
116 4.0 3.2 4.8

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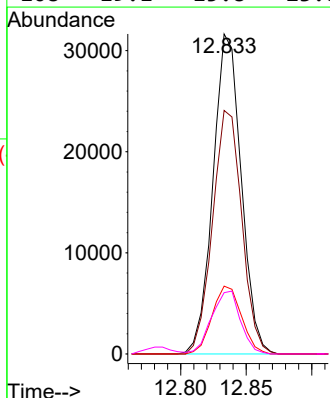
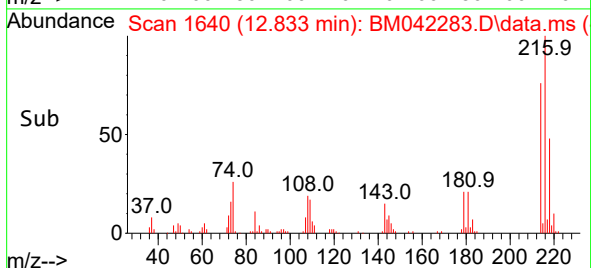
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

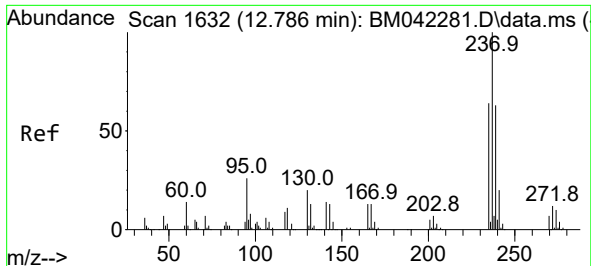


#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.669 ng/ul
RT: 12.833 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43



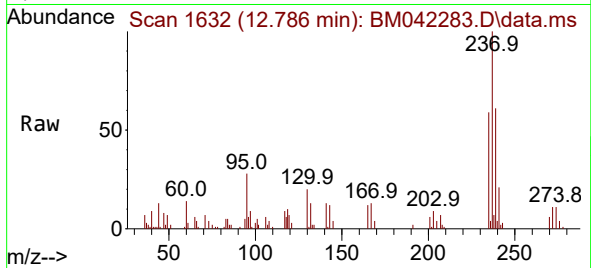
Tgt Ion:216 Resp: 47328
Ion Ratio Lower Upper
216 100
214 76.1 60.6 90.8
179 21.2 16.9 25.3
108 19.1 15.8 23.8





#40
Hexachlorocyclopentadiene
Concen: 2.625 ng/ul
RT: 12.786 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

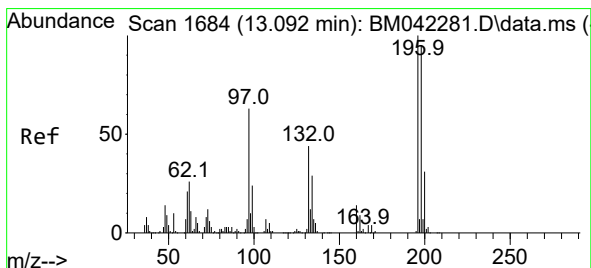
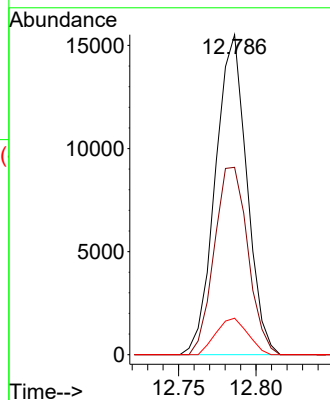
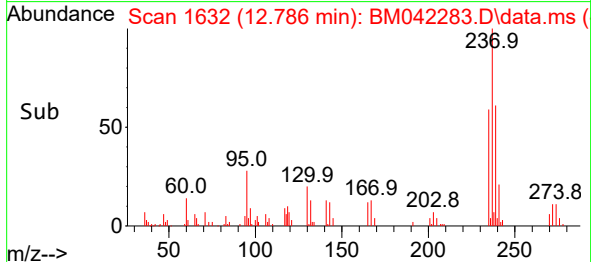
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:237 Resp: 21915
Ion Ratio Lower Upper
237 100
235 58.5 51.5 77.3
272 11.4 9.8 14.6

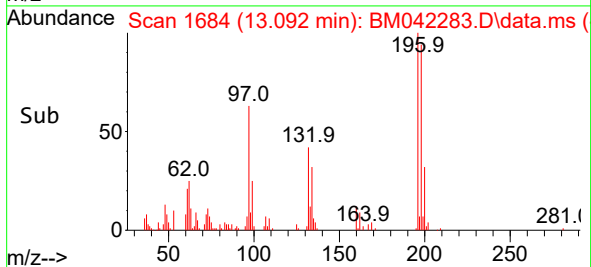
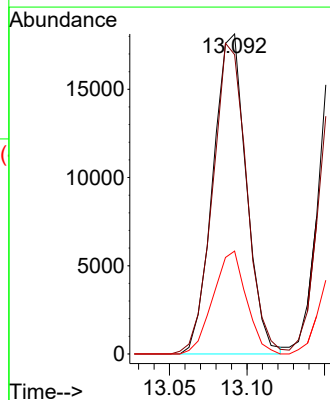
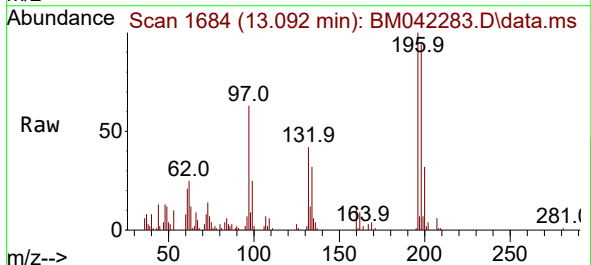
Manual Integrations
APPROVED

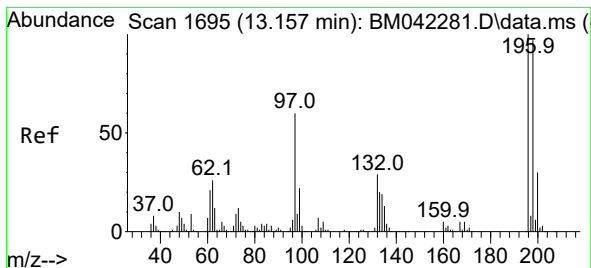
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#41
2,4,6-Trichlorophenol
Concen: 3.148 ng/ul
RT: 13.092 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

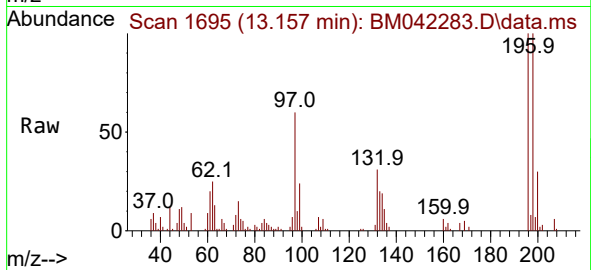
Tgt Ion:196 Resp: 27149
Ion Ratio Lower Upper
196 100
198 93.6 79.5 119.3
200 32.1 25.3 37.9





#42
2,4,5-Trichlorophenol
Concen: 3.265 ng/ul
RT: 13.157 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

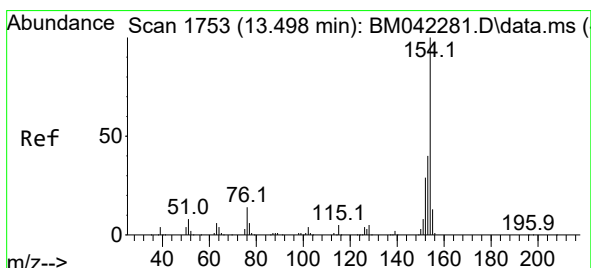
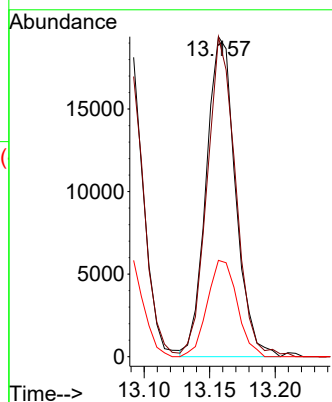
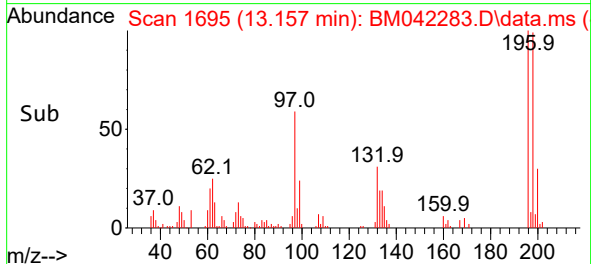
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



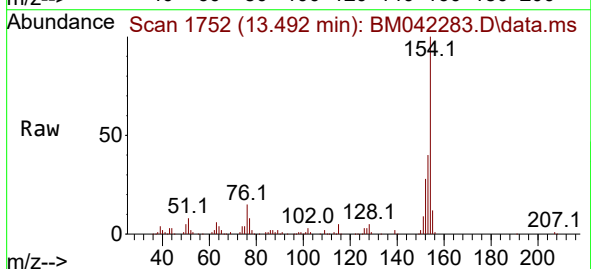
Tgt Ion:196 Resp: 30220
Ion Ratio Lower Upper
196 100
198 100.0 76.4 114.6
200 30.1 24.3 36.5

Manual Integrations
APPROVED

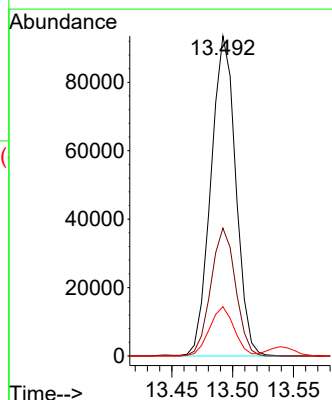
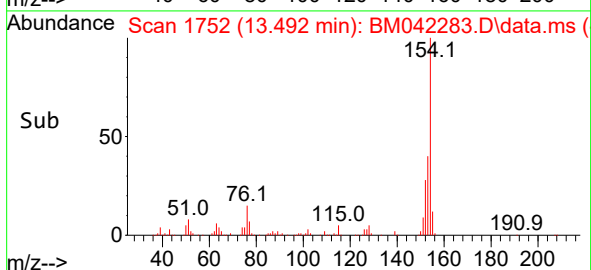
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

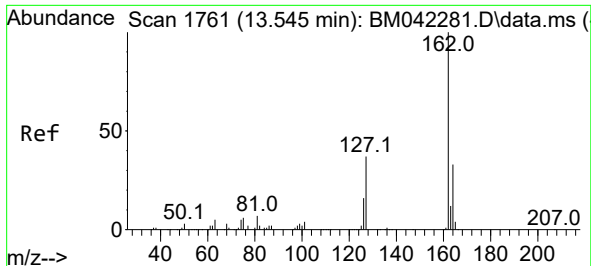


#43
1,1'-Biphenyl
Concen: 3.782 ng/ul
RT: 13.492 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43



Tgt Ion:154 Resp: 132788
Ion Ratio Lower Upper
154 100
153 40.0 32.9 49.3
76 15.4 13.0 19.4





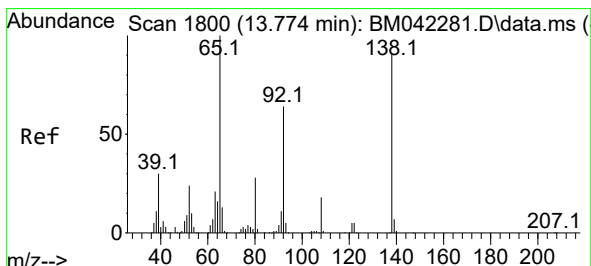
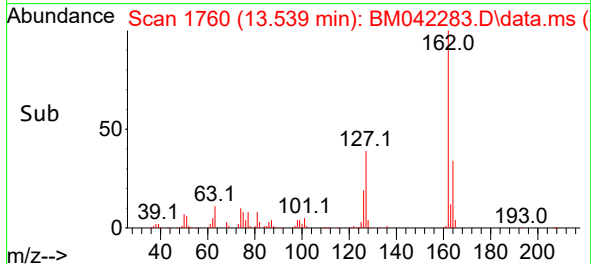
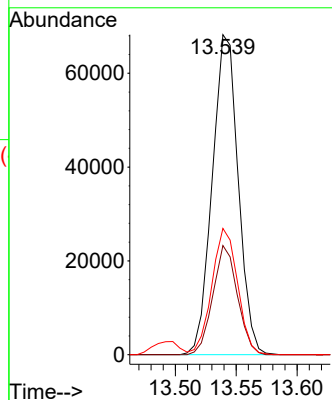
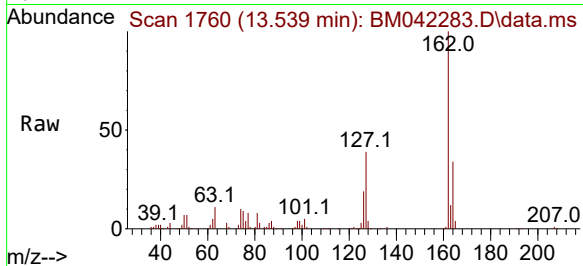
#44
2-Chloronaphthalene
Concen: 3.757 ng/ul
RT: 13.539 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:162 Resp: 10110
Ion Ratio Lower Upper
162 100
164 34.1 26.9 40.3
127 39.5 32.1 48.1

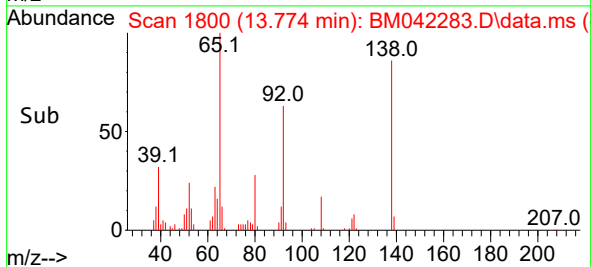
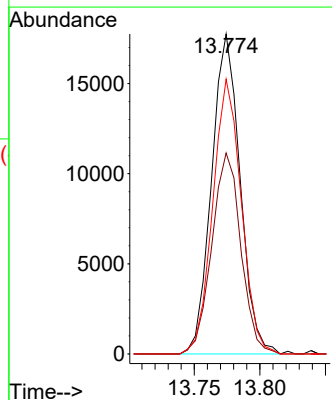
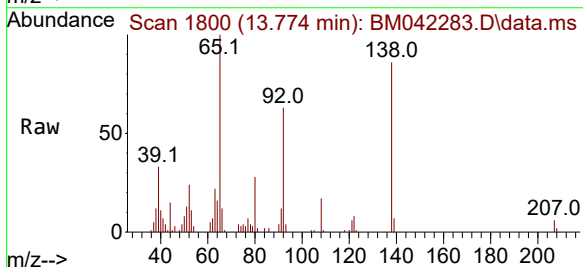
Manual Integrations
APPROVED

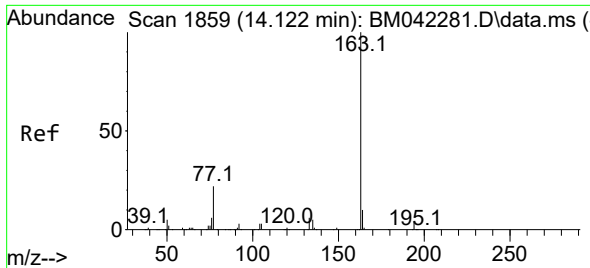
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#45
2-Nitroaniline
Concen: 2.772 ng/ul
RT: 13.774 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

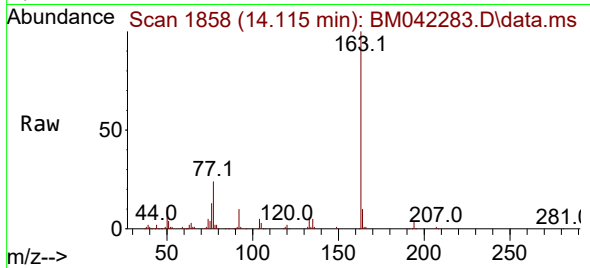
Tgt Ion: 65 Resp: 26821
Ion Ratio Lower Upper
65 100
92 62.8 50.0 75.0
138 85.8 66.4 99.6





#47
Dimethylphthalate
Concen: 3.750 ng/ul
RT: 14.115 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

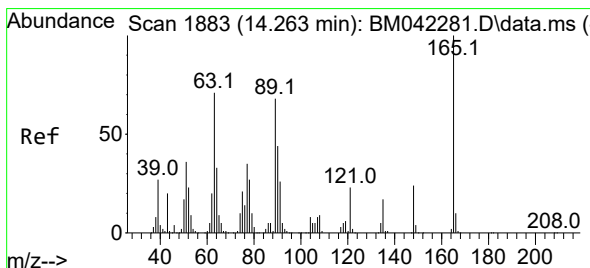
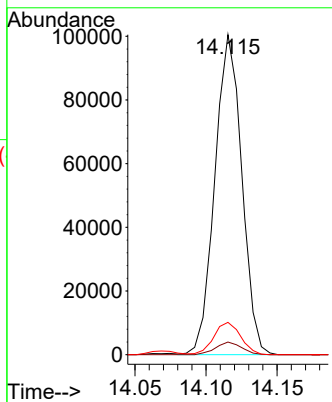
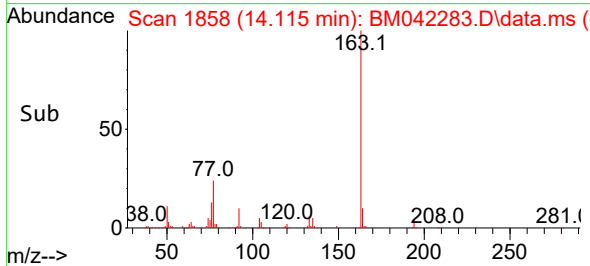
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:163 Resp: 13251
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.1 8.1 12.1

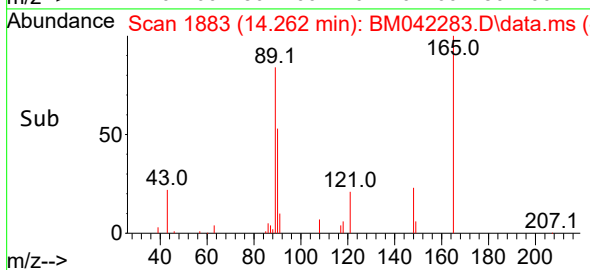
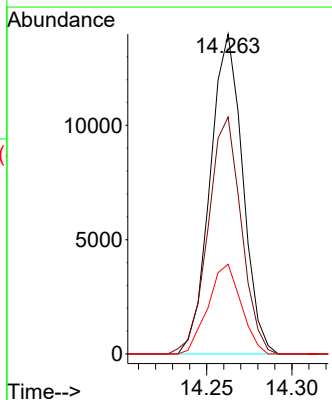
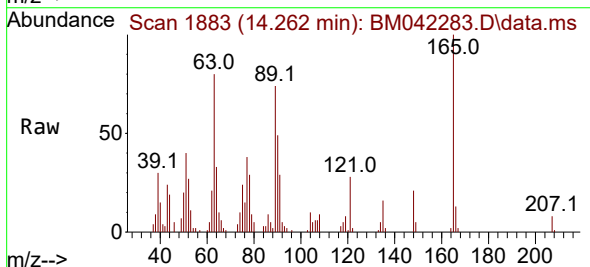
Manual Integrations
APPROVED

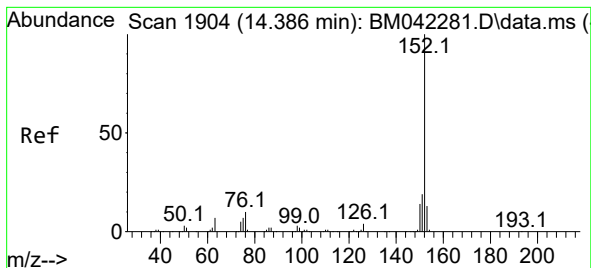
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#48
2,6-Dinitrotoluene
Concen: 2.907 ng/ul
RT: 14.262 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion:165 Resp: 18597
Ion Ratio Lower Upper
165 100
89 74.1 60.3 90.5
121 28.0 20.2 30.4





#50

Acenaphthylene

Concen: 3.809 ng/ul

RT: 14.386 min Scan# 1904

Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

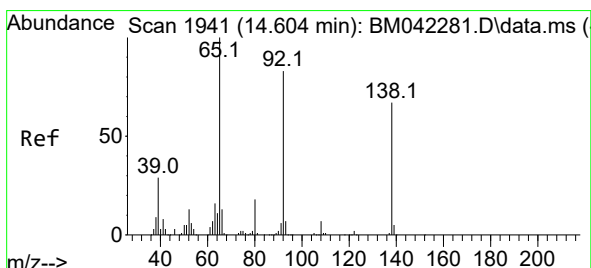
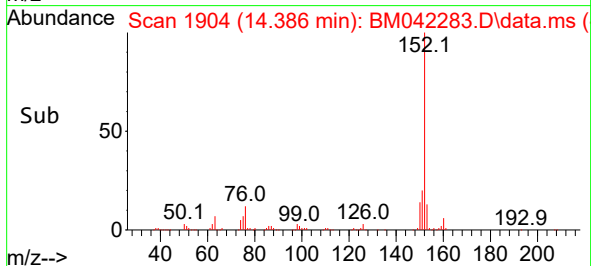
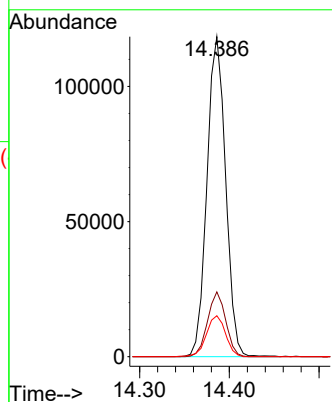
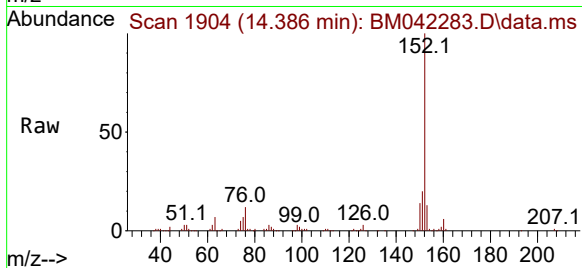
Tgt Ion:	152	Resp:	17097
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.9	23.9
153	12.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#51

3-Nitroaniline

Concen: 2.824 ng/ul

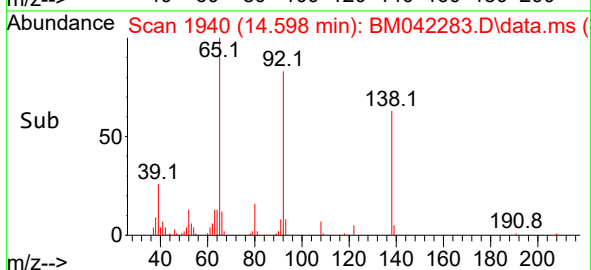
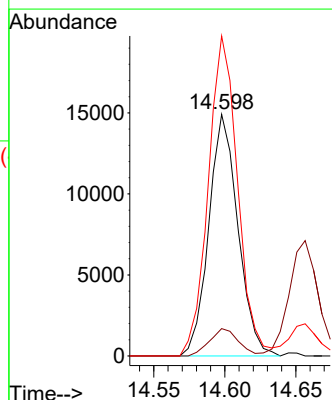
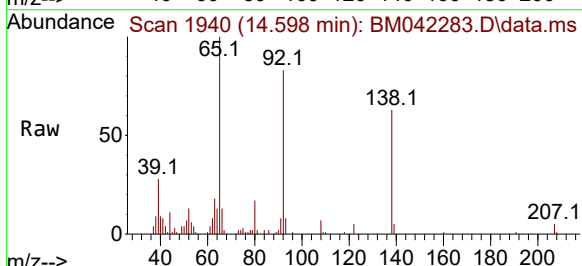
RT: 14.598 min Scan# 1940

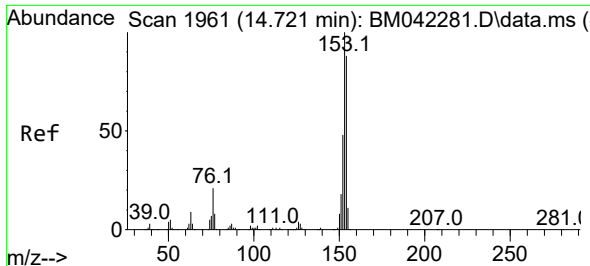
Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

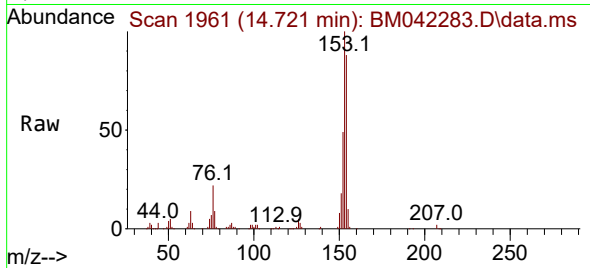
Tgt Ion:	138	Resp:	21291
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.5	12.7
92	132.4	103.8	155.6





#52
Acenaphthene
Concen: 3.748 ng/ul
RT: 14.721 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

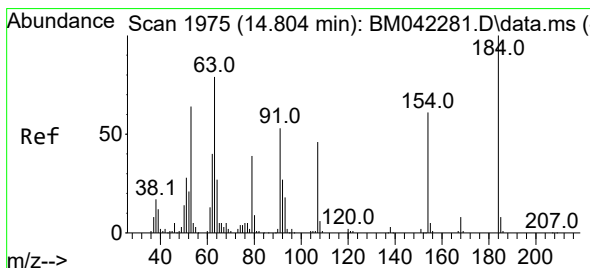
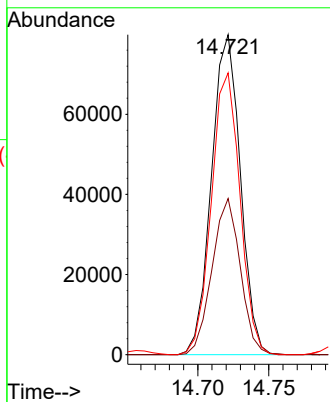
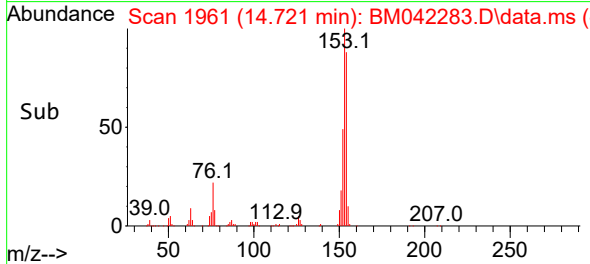
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:153 Resp: 11299
Ion Ratio Lower Upper
153 100
152 48.8 39.0 58.4
154 88.1 70.4 105.6

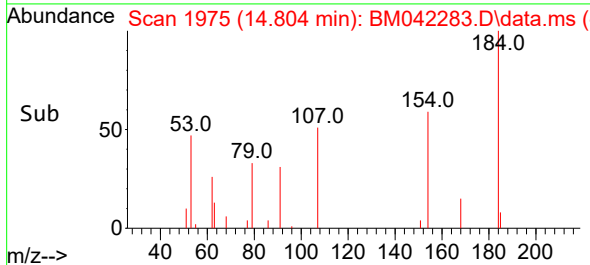
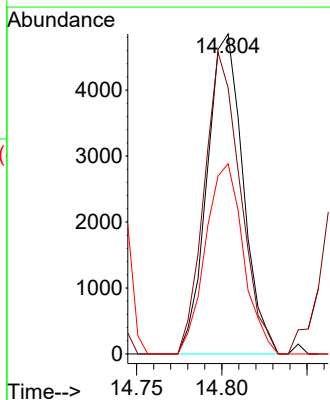
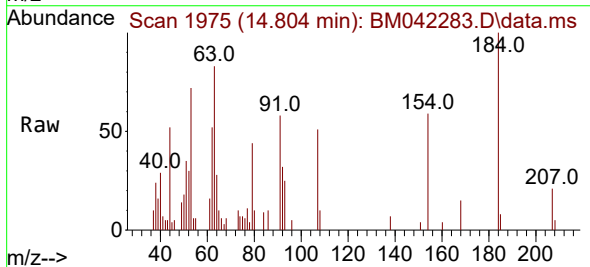
Manual Integrations
APPROVED

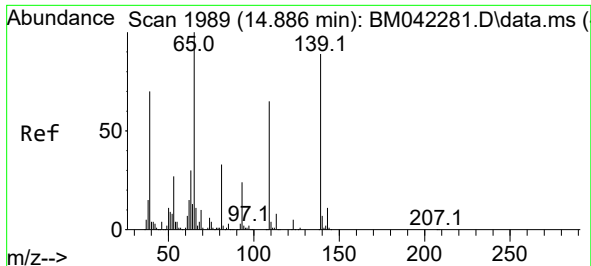
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#53
2,4-Dinitrophenol
Concen: 1.649 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

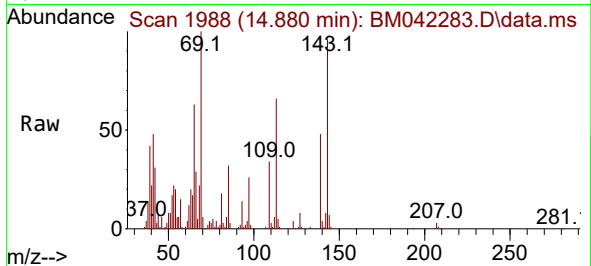
Tgt Ion:184 Resp: 7139
Ion Ratio Lower Upper
184 100
63 83.2 70.6 106.0
154 59.4 50.1 75.1





#55
4-Nitrophenol
Concen: 3.315 ng/ul
RT: 14.880 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

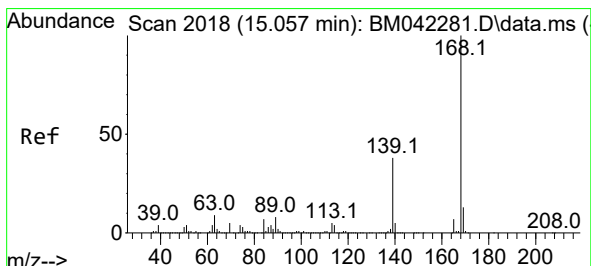
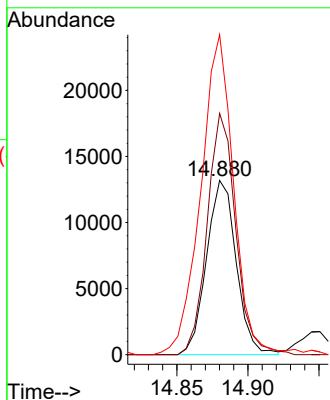
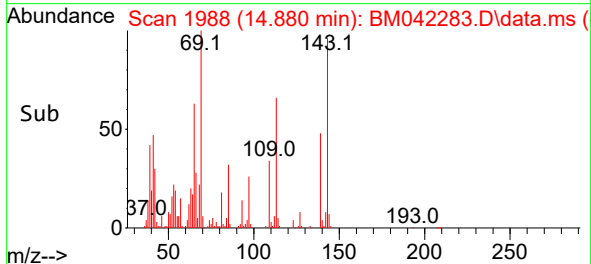
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:109 Resp: 19204
Ion Ratio Lower Upper
109 100
139 138.5 102.5 153.7
65 183.7 126.6 189.8

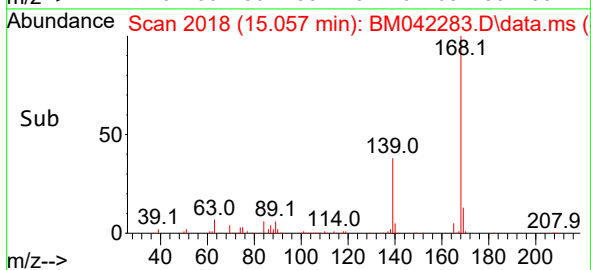
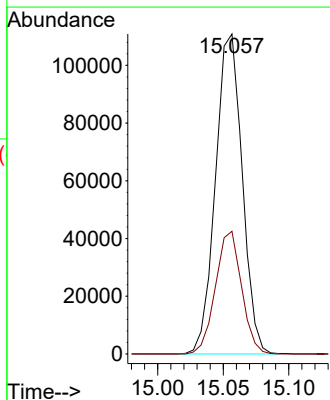
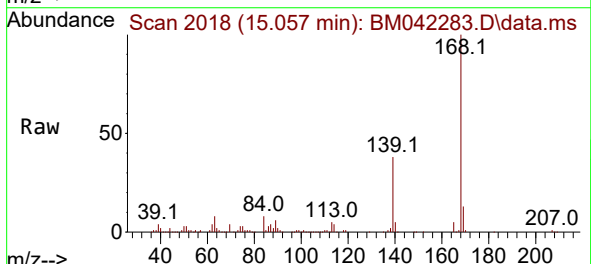
Manual Integrations
APPROVED

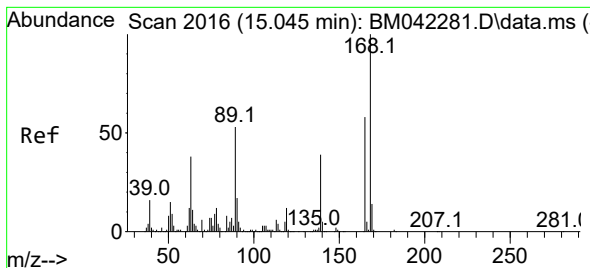
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#56
Dibenzofuran
Concen: 3.880 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

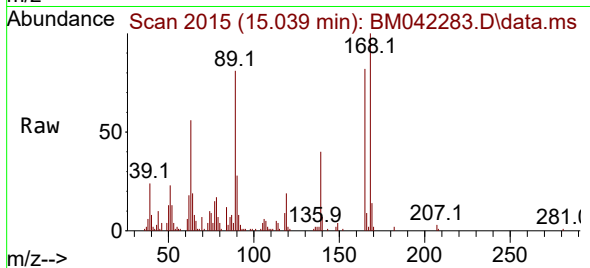
Tgt Ion:168 Resp: 157148
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.168 ng/ul
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

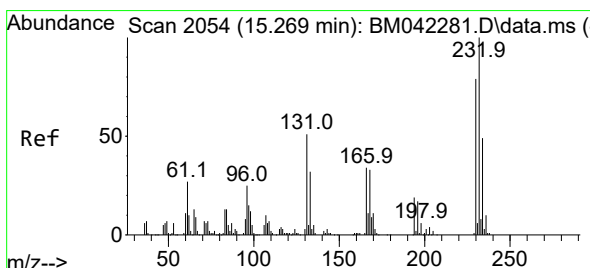
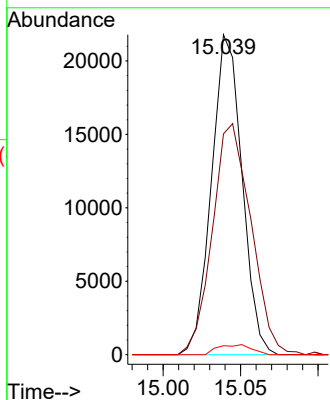
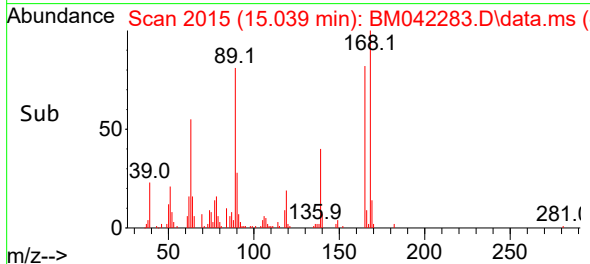
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:165 Resp: 2987
Ion Ratio Lower Upper
165 100
63 69.0 57.5 86.3
182 2.8 2.0 3.0

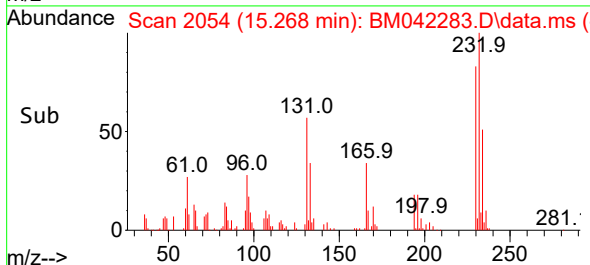
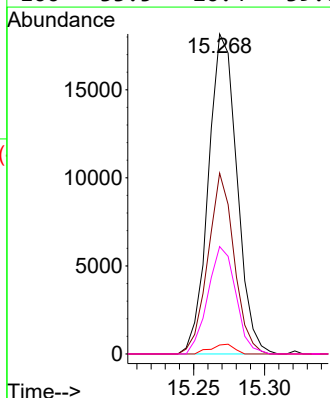
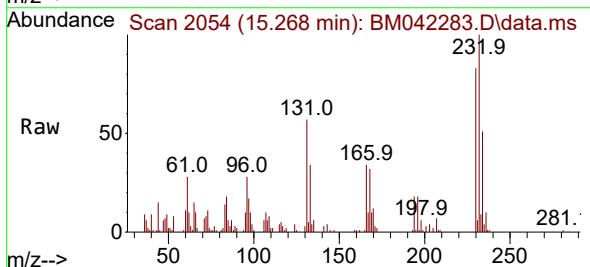
Manual Integrations
APPROVED

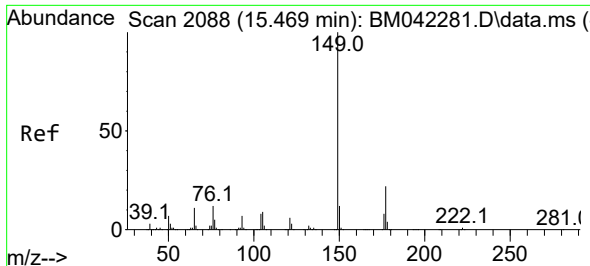
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.274 ng/ul
RT: 15.268 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion:232 Resp: 25440
Ion Ratio Lower Upper
232 100
131 56.5 38.2 57.4
130 2.8 2.2 3.4
166 33.5 26.4 39.6





#59

Diethylphthalate

Concen: 3.624 ng/ul

RT: 15.462 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

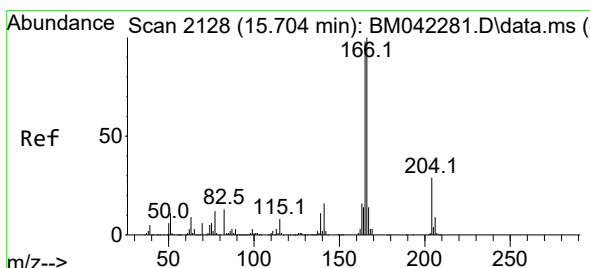
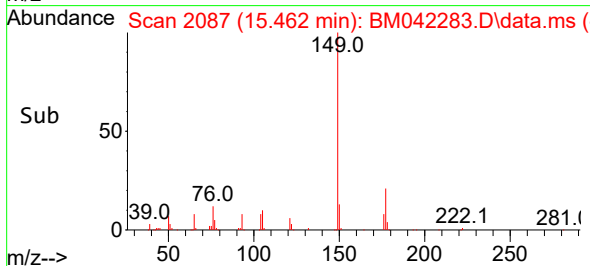
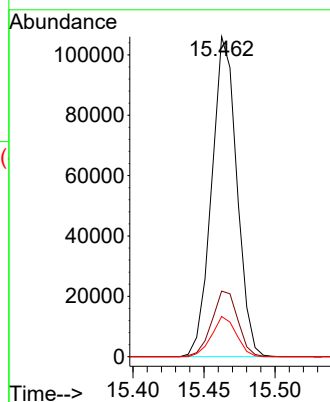
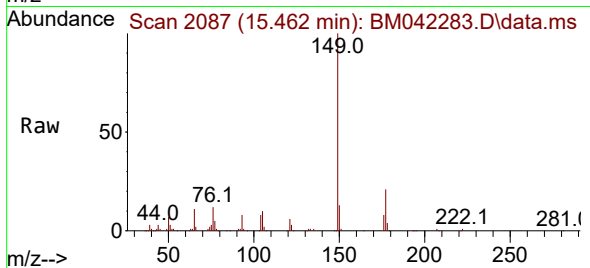
Tgt Ion:149 Resp: 130690
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.6 25.0
 150 12.6 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#61

Fluorene

Concen: 3.874 ng/ul

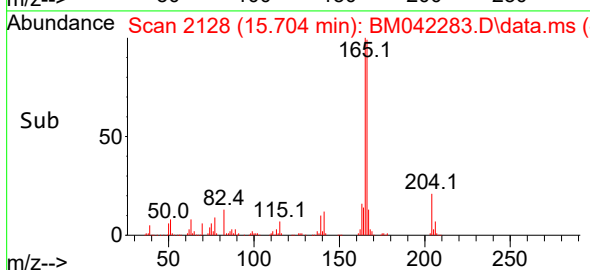
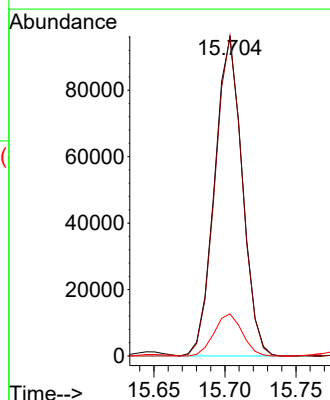
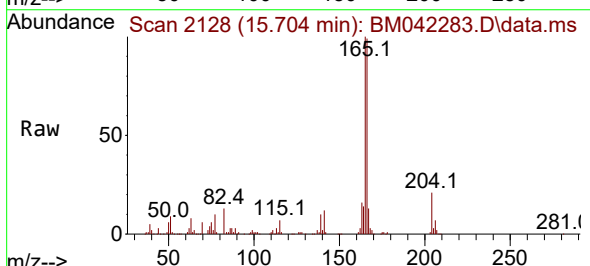
RT: 15.704 min Scan# 2128

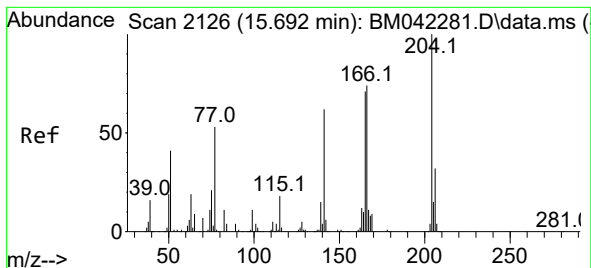
Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

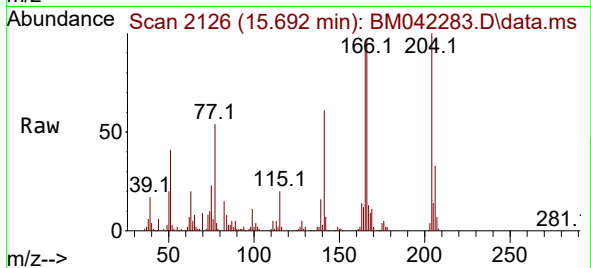
Tgt Ion:166 Resp: 130128
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.7 118.1
 167 13.2 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 3.799 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

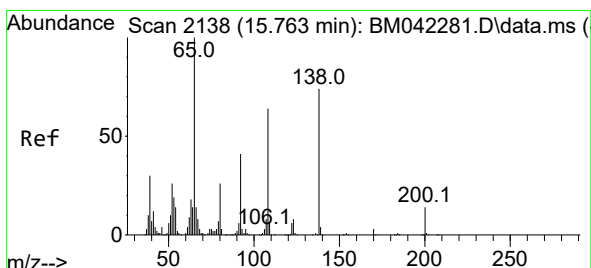
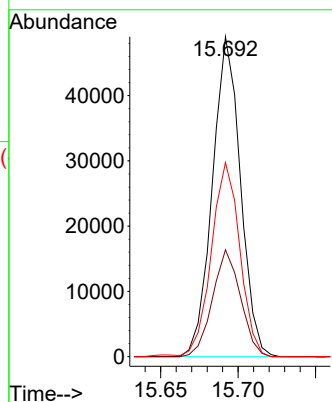
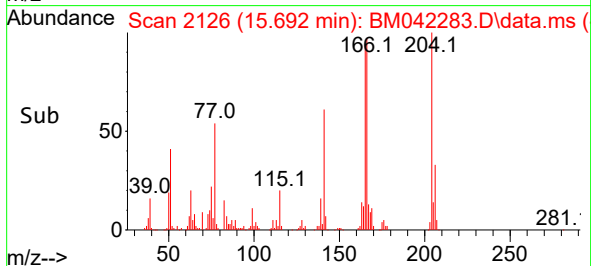
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:204 Resp: 61618
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 60.6 48.5 72.7

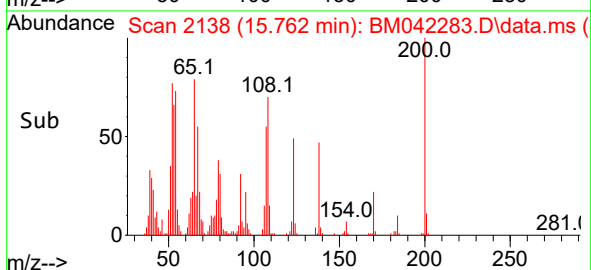
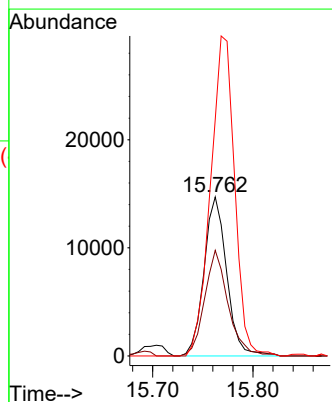
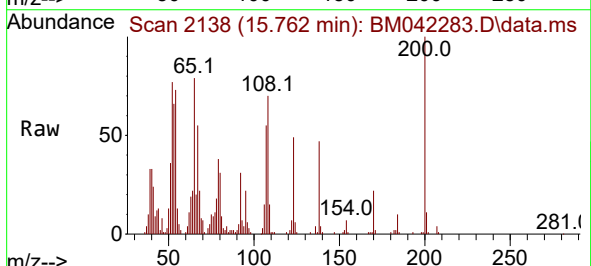
Manual Integrations
APPROVED

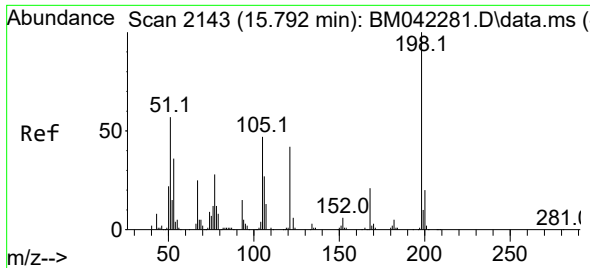
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#63
4-Nitroaniline
Concen: 3.432 ng/ul
RT: 15.762 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

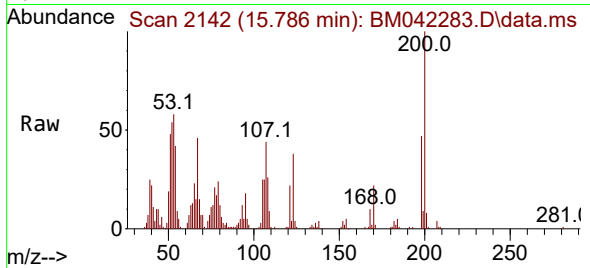
Tgt Ion:138 Resp: 23146
Ion Ratio Lower Upper
138 100
92 66.4 49.5 74.3
108 148.8 72.5 108.7#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.322 ng/ul
RT: 15.786 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

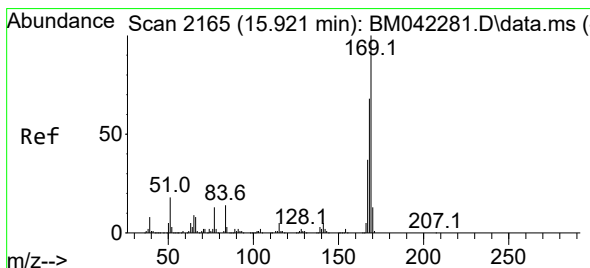
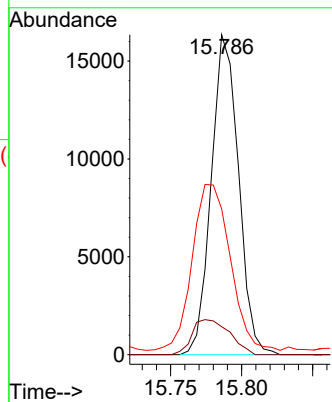
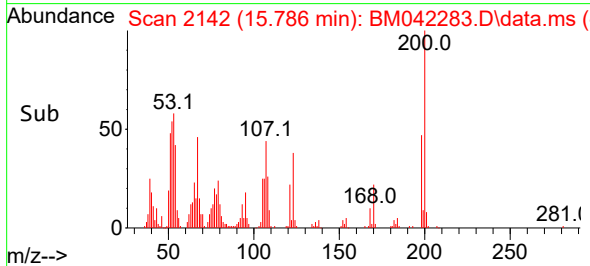
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:198 Resp: 21770
Ion Ratio Lower Upper
198 100
182 8.7 4.2 6.2
77 45.5 27.4 41.0

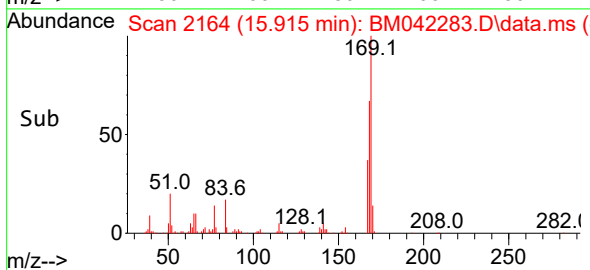
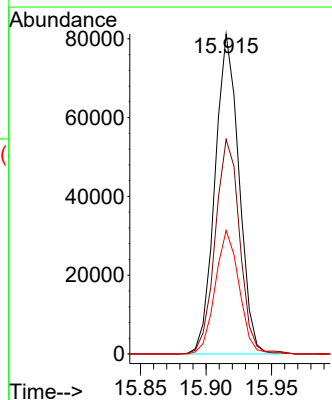
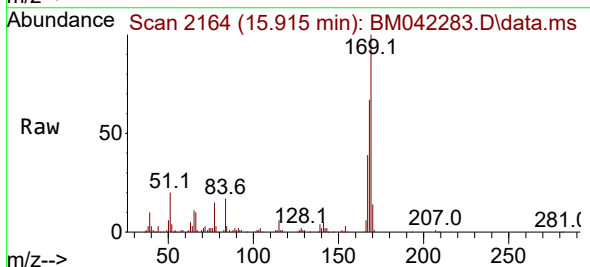
Manual Integrations
APPROVED

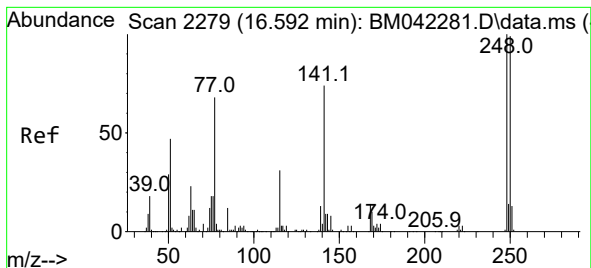
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#67
N-Nitrosodiphenylamine
Concen: 3.630 ng/ul
RT: 15.915 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

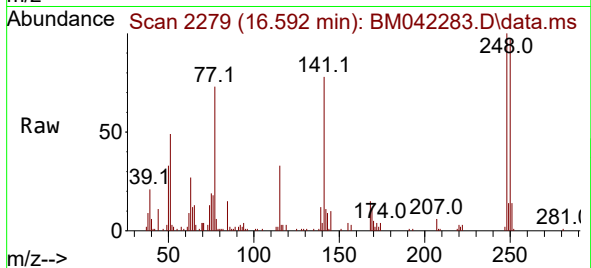
Tgt Ion:169 Resp: 103343
Ion Ratio Lower Upper
169 100
168 67.1 55.8 83.8
167 38.6 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 3.623 ng/ul
RT: 16.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

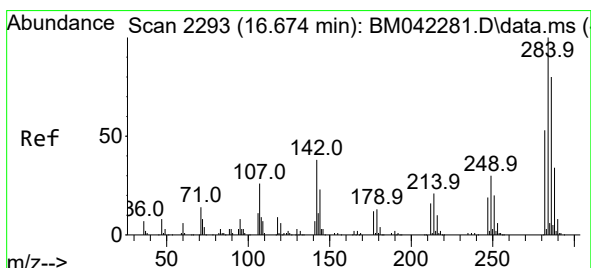
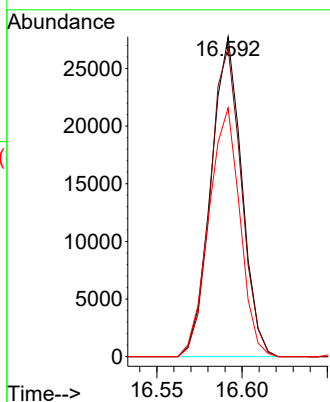
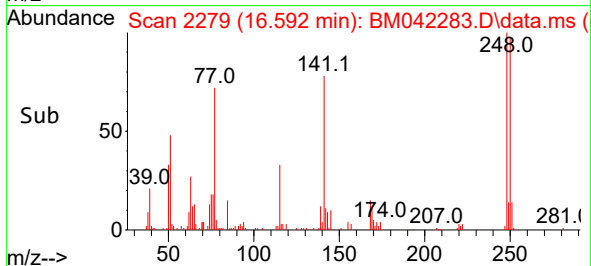
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03



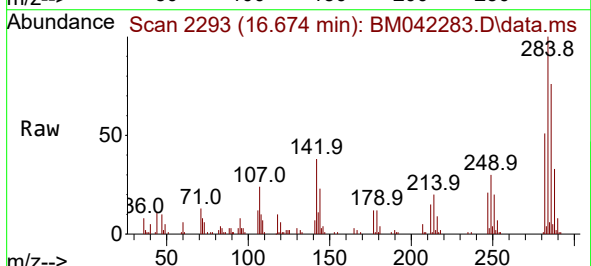
Tgt Ion:248 Resp: 34874
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 77.8 66.5 99.7

Manual Integrations
APPROVED

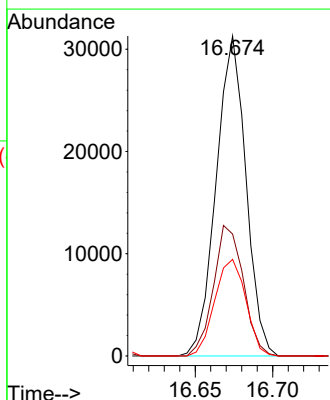
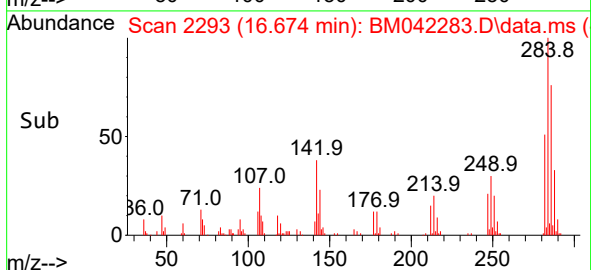
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

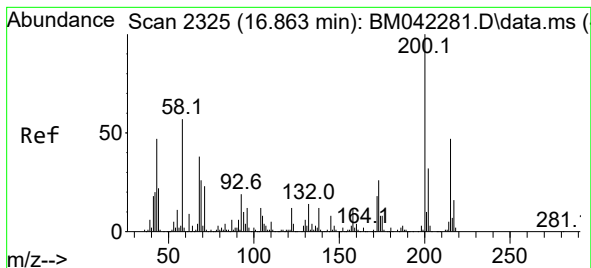


#69
Hexachlorobenzene
Concen: 3.821 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43



Tgt Ion:284 Resp: 41816
Ion Ratio Lower Upper
284 100
142 38.1 33.8 50.6
249 30.2 25.4 38.0





#70

Atrazine

Concen: 3.206 ng/ul

RT: 16.862 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042283.D

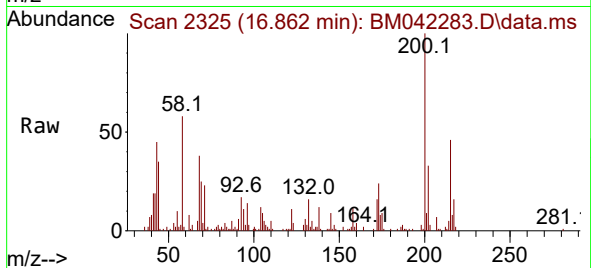
Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion:200 Resp: 3131

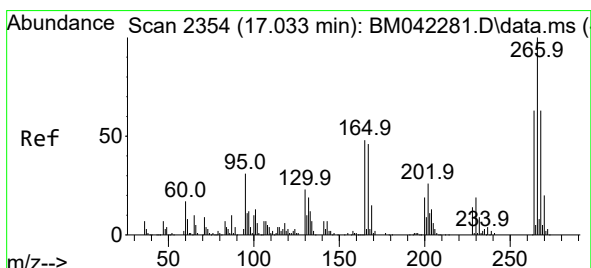
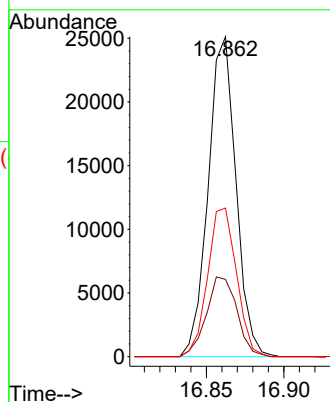
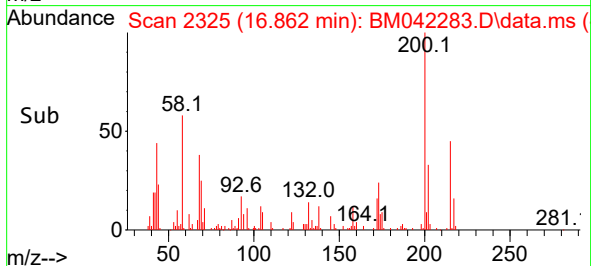
Ion	Ratio	Lower	Upper
200	100		
173	24.1	21.0	31.6
215	46.5	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#71

Pentachlorophenol

Concen: 2.516 ng/ul

RT: 17.039 min Scan# 2355

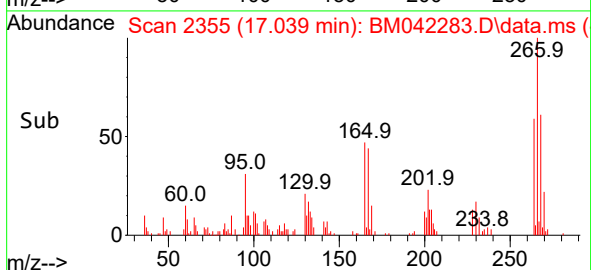
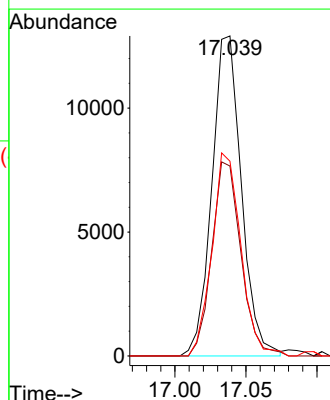
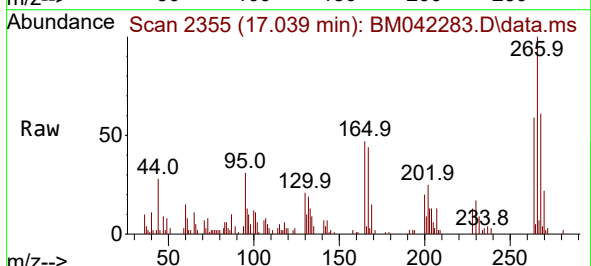
Delta R.T. -0.000 min

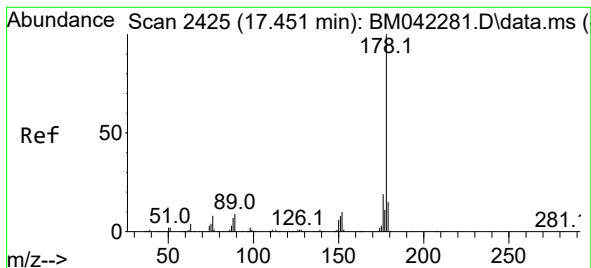
Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:266 Resp: 18660

Ion	Ratio	Lower	Upper
266	100		
264	59.3	51.2	76.8
268	60.8	52.6	78.8





#72

Phenanthrene

Concen: 3.765 ng/ul

RT: 17.451 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BM042283.D

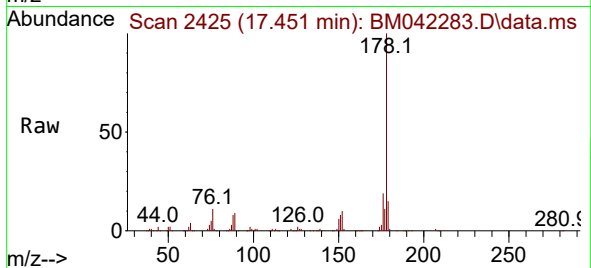
Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion:178 Resp: 206670

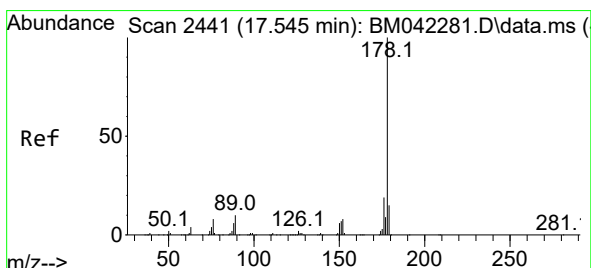
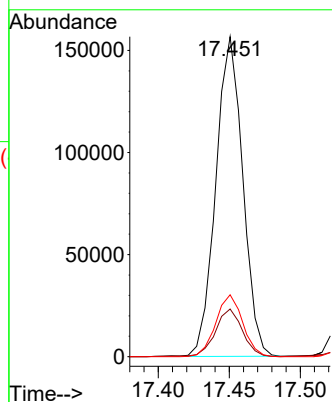
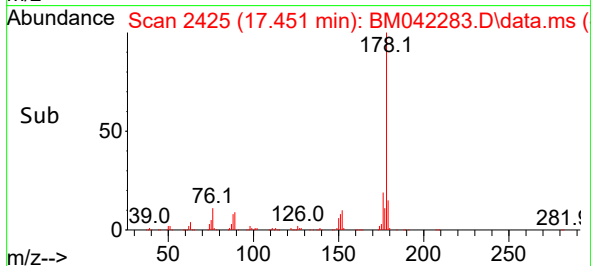
Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	19.3	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#74

Anthracene

Concen: 3.781 ng/ul

RT: 17.545 min Scan# 2441

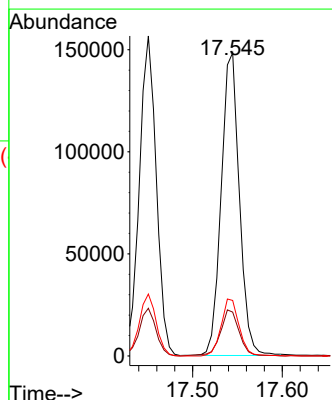
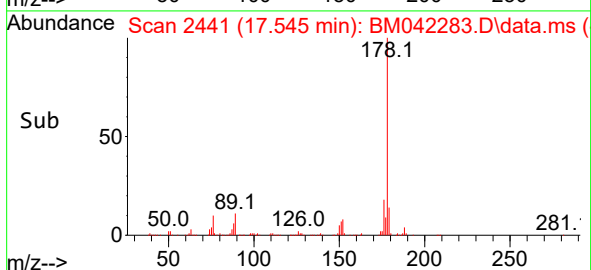
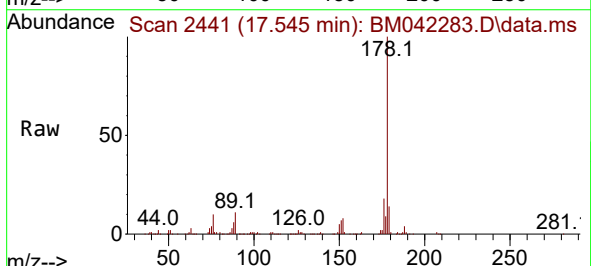
Delta R.T. -0.000 min

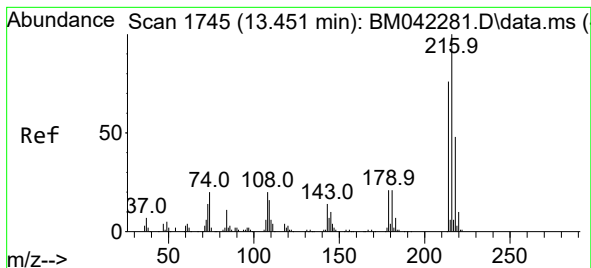
Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:178 Resp: 208758

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	18.3	15.0	22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.456 ng/uL

RT: 13.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042283.D

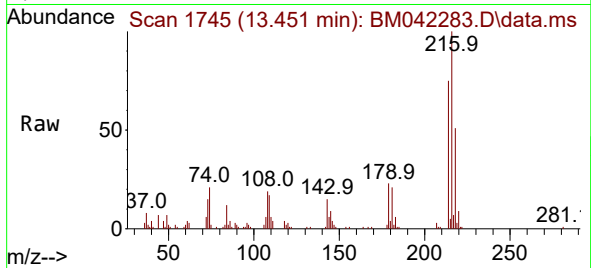
Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03



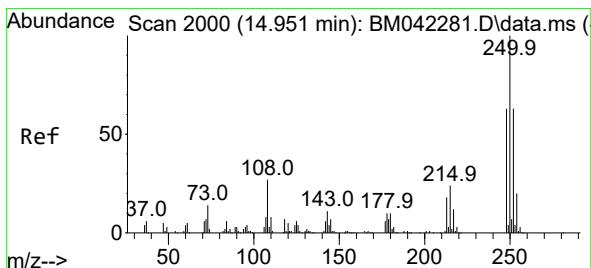
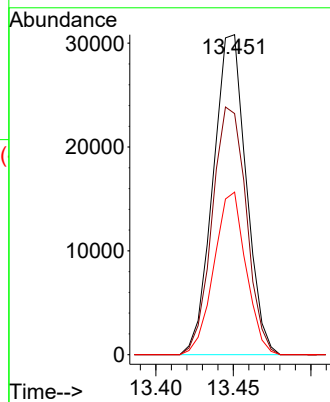
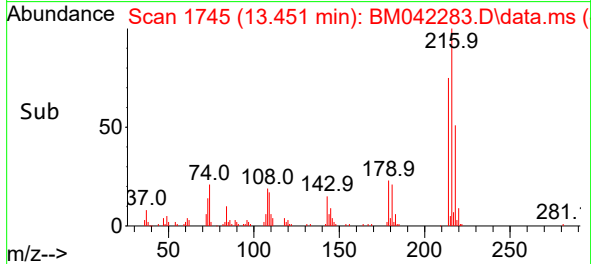
Tgt Ion:	216	Resp:	45820
Ion Ratio	Lower	Upper	
216	100		
214	75.4	62.0	93.0
218	50.8	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#76

Pentachlorobenzene

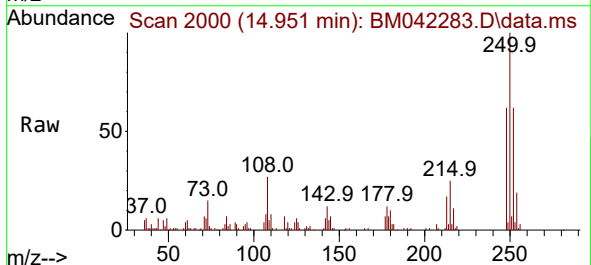
Concen: 3.965 ng/uL

RT: 14.951 min Scan# 2000

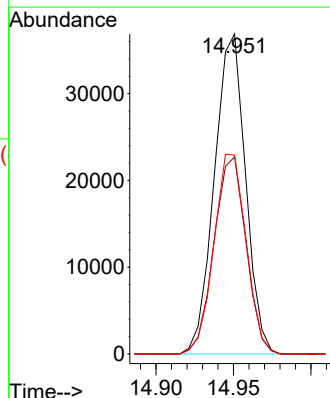
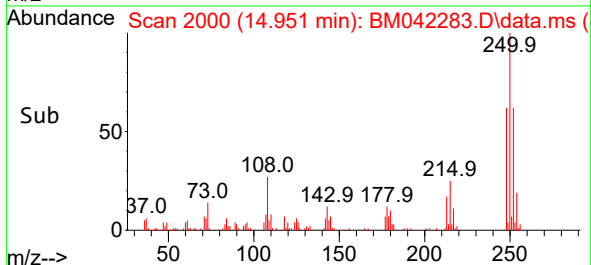
Delta R.T. -0.000 min

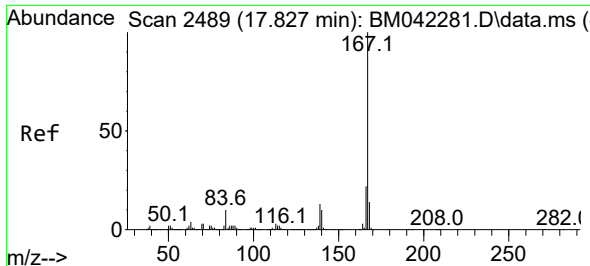
Lab File: BM042283.D

Acq: 13 Oct 2023 12:43



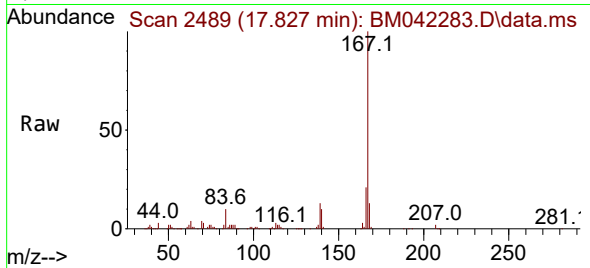
Tgt Ion:	250	Resp:	51618
Ion Ratio	Lower	Upper	
250	100		
248	61.6	51.1	76.7
252	62.2	52.9	79.3





#77
 Carbazole
 Concen: 3.490 ng/ul
 RT: 17.827 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM042283.D
 Acq: 13 Oct 2023 12:43

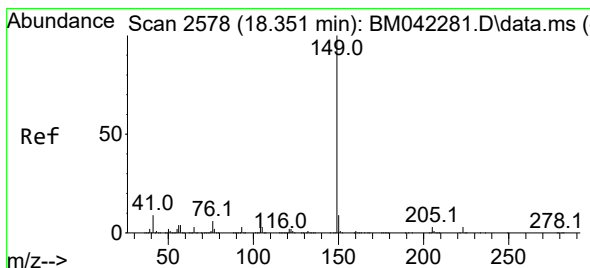
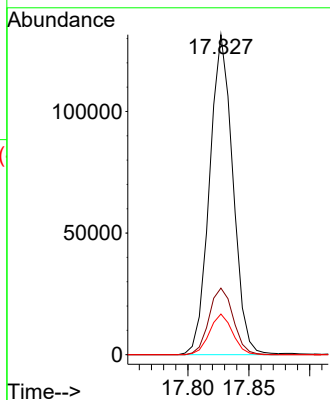
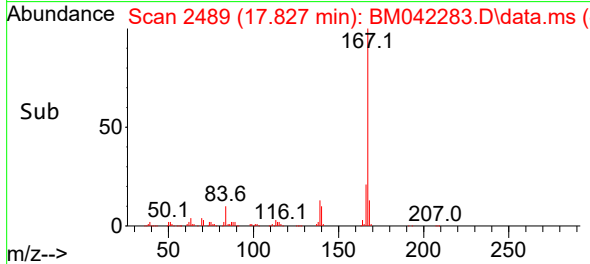
Instrument : BNA_M
 ClientSampleId :
 MDL-WATER-QT2-2023-03



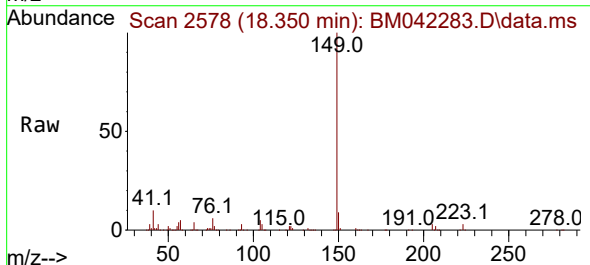
Tgt Ion:167 Resp: 17550
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.0
 139 12.7 10.6 16.0

Manual Integrations
 APPROVED

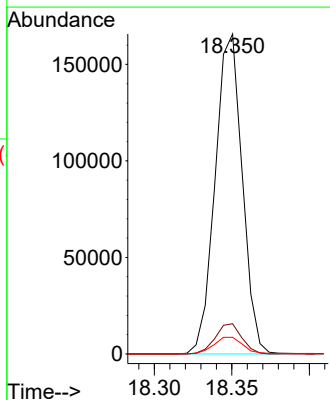
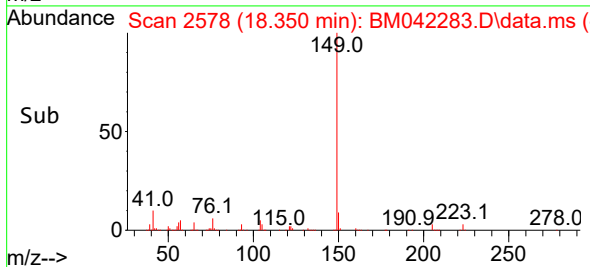
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

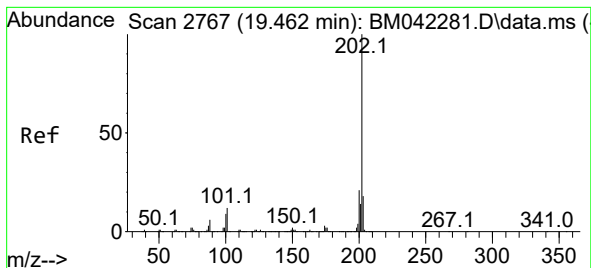


#78
 Di-n-butylphthalate
 Concen: 3.166 ng/ul
 RT: 18.350 min Scan# 2578
 Delta R.T. -0.000 min
 Lab File: BM042283.D
 Acq: 13 Oct 2023 12:43



Tgt Ion:149 Resp: 201542
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.2 4.6 6.8





#80

Fluoranthene

Concen: 3.658 ng/ul

RT: 19.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

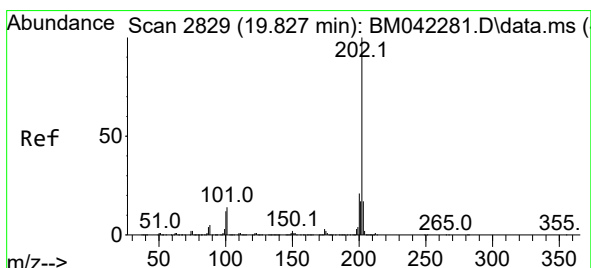
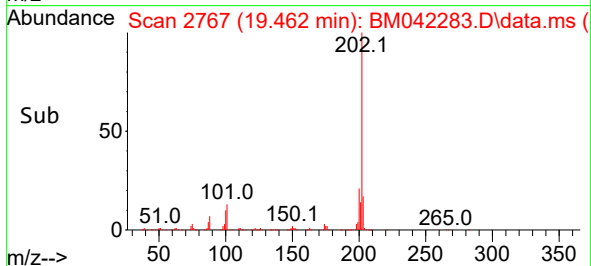
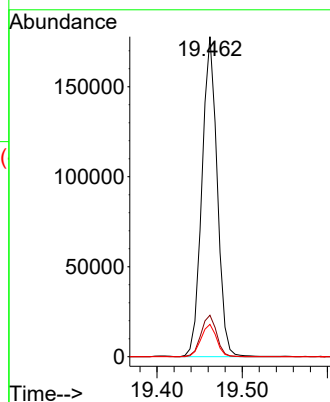
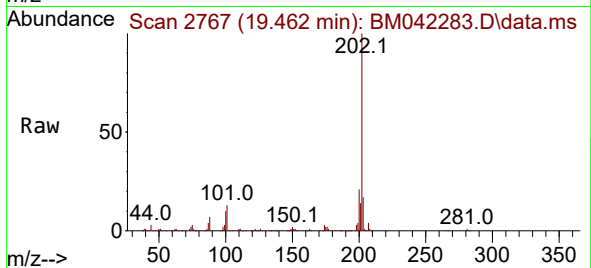
Tgt Ion:202 Resp: 221285
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.8 16.2
 100 10.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#82

Pyrene

Concen: 3.870 ng/ul

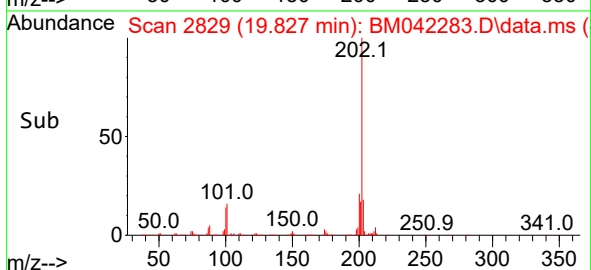
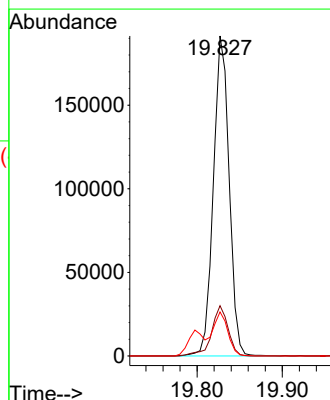
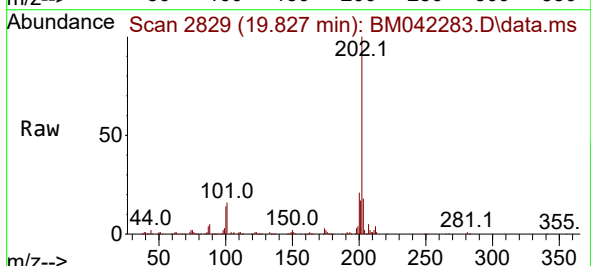
RT: 19.827 min Scan# 2829

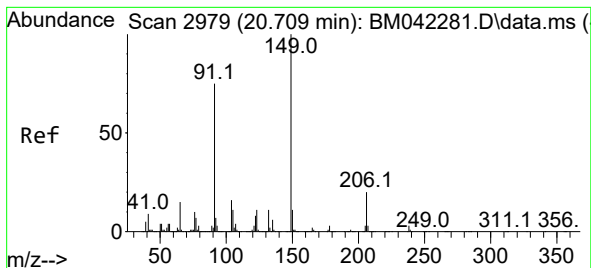
Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:202 Resp: 246151
 Ion Ratio Lower Upper
 202 100
 101 15.7 11.9 17.9
 100 13.7 9.9 14.9





#83

Butylbenzylphthalate

Concen: 2.976 ng/ul

RT: 20.709 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

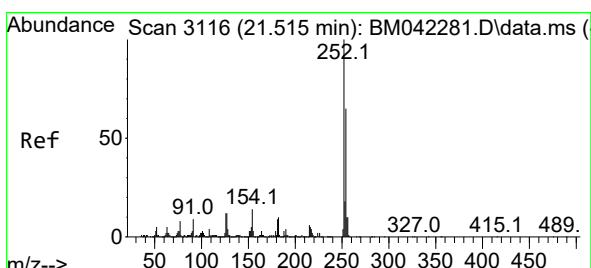
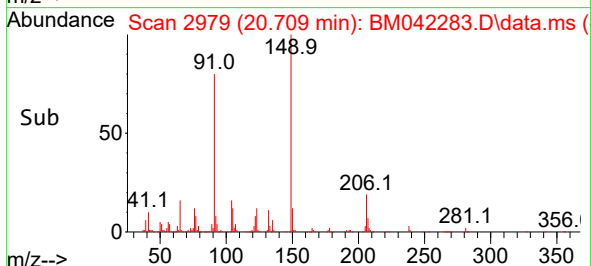
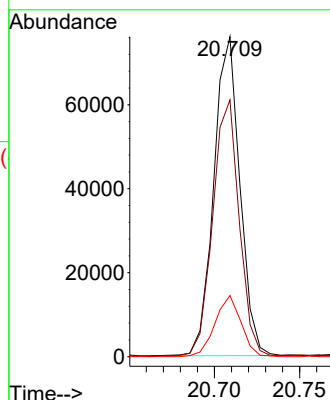
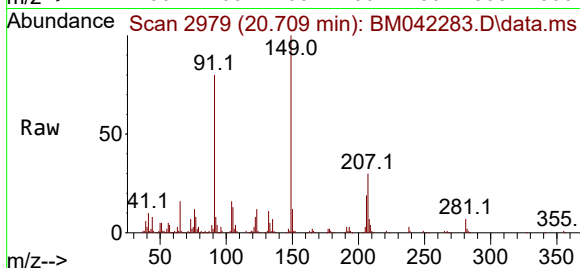
ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:	149	Resp:	80680
Ion Ratio	Lower	Upper	
149	100		
91	80.2	67.1	100.7
206	19.1	14.2	21.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#84

3,3'-Dichlorobenzidine

Concen: 2.722 ng/ul

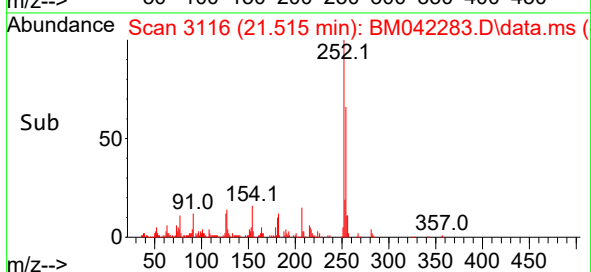
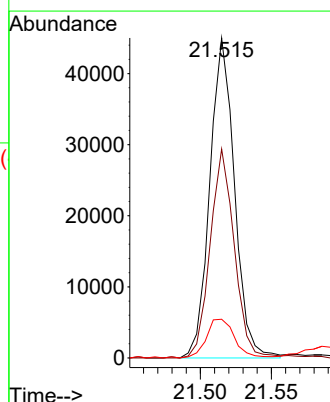
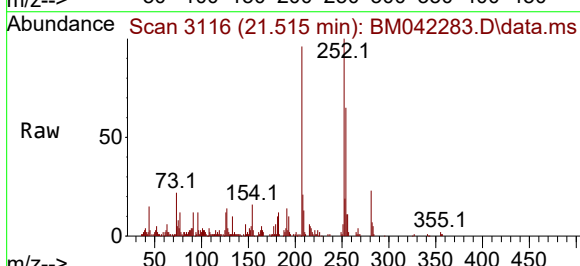
RT: 21.515 min Scan# 3116

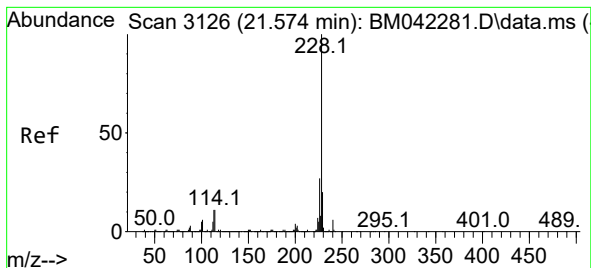
Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:	252	Resp:	54506
Ion Ratio	Lower	Upper	
252	100		
254	65.3	52.5	78.7
126	12.1	10.4	15.6





#85

Benzo(a)anthracene

Concen: 3.538 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

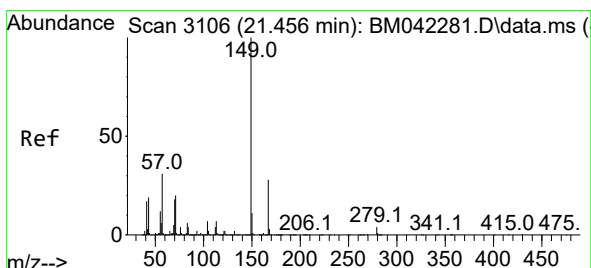
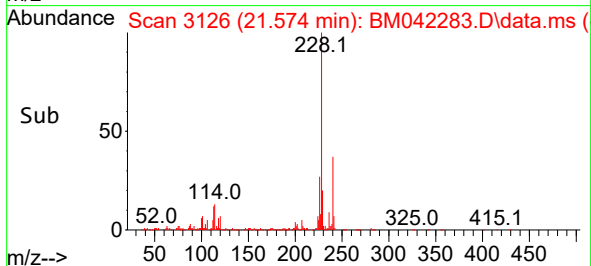
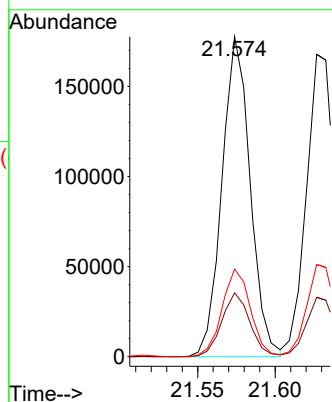
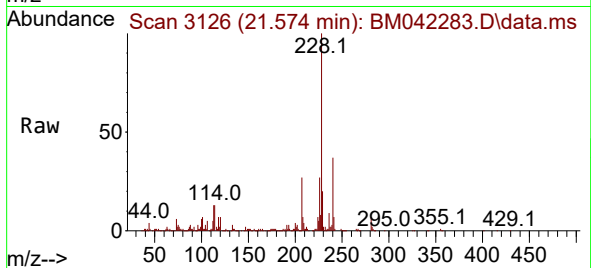
Tgt Ion:	228	Resp:	224944
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.9	23.9
226	27.4	22.2	33.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.067 ng/ul

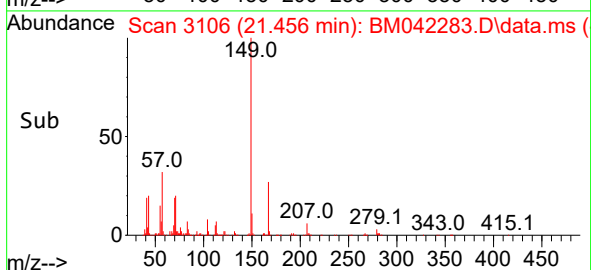
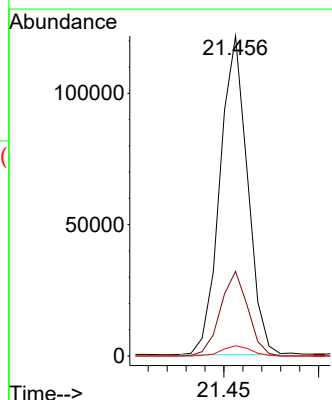
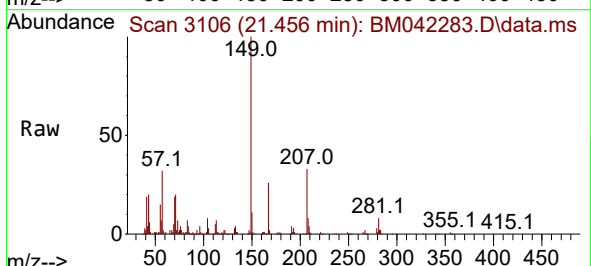
RT: 21.456 min Scan# 3106

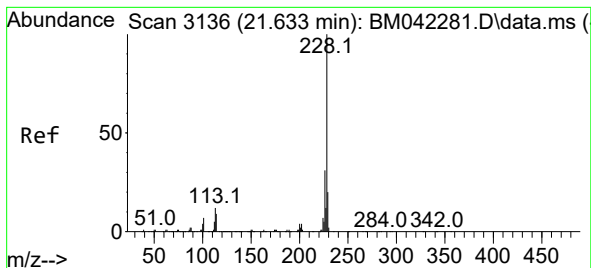
Delta R.T. -0.000 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:	149	Resp:	122874
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.1	31.7
279	3.2	2.4	3.6





#87

Chrysene

Concen: 3.708 ng/ul

RT: 21.627 min Scan# 3136

Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:228 Resp: 21680

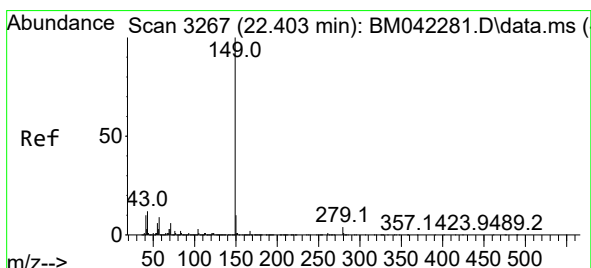
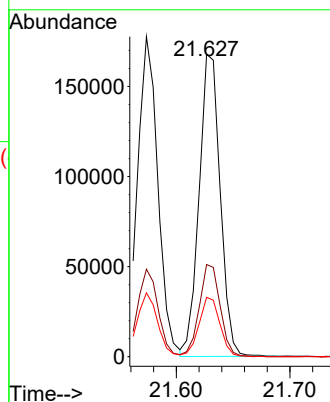
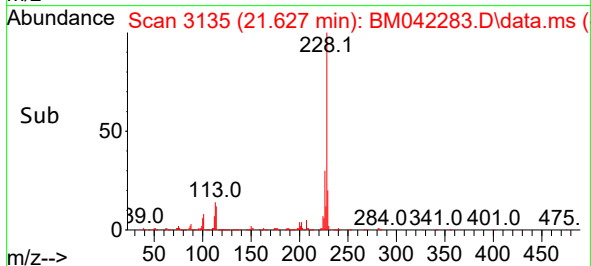
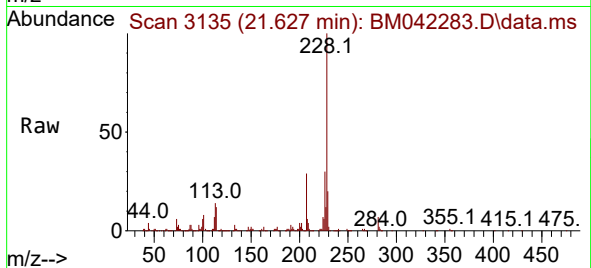
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.6	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#89

Di-n-octyl phthalate

Concen: 2.779 ng/ul

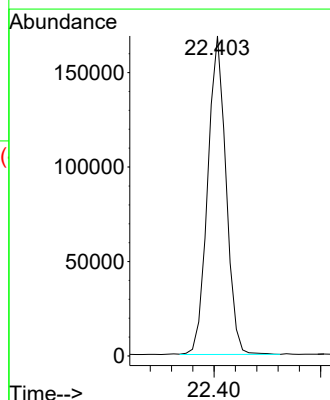
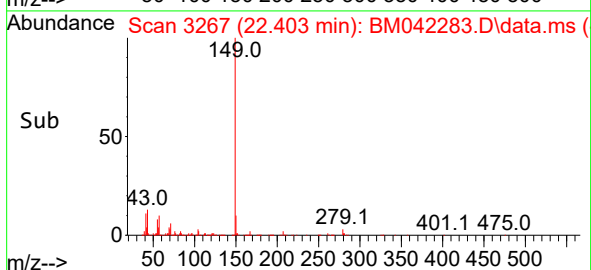
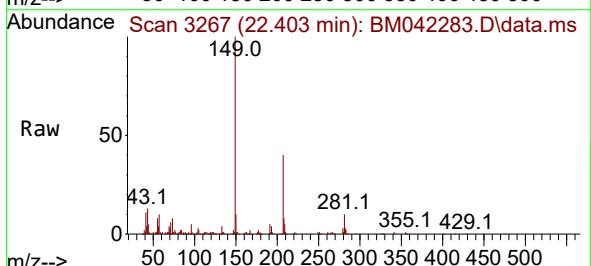
RT: 22.403 min Scan# 3267

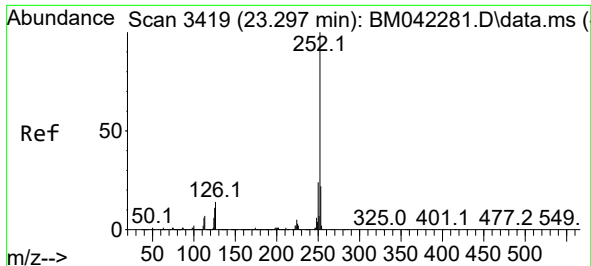
Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:149 Resp: 200818





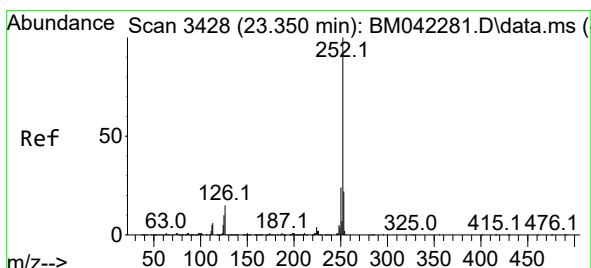
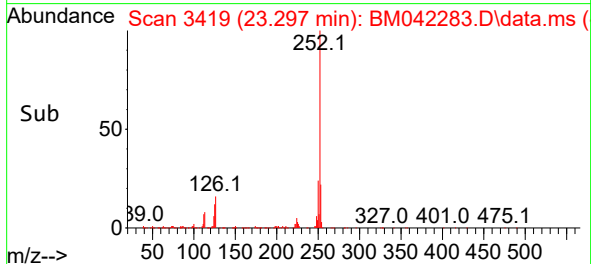
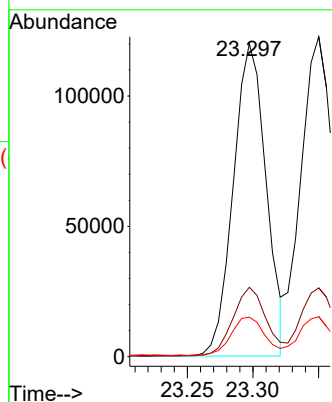
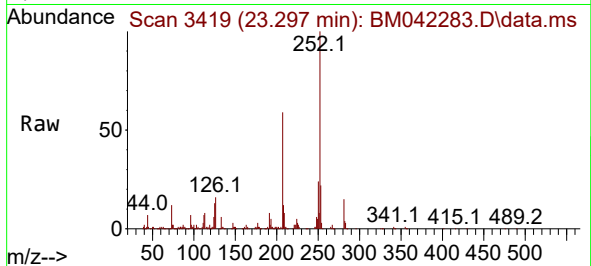
#90
Benzo(b)fluoranthene
Concen: 3.430 ng/ul
RT: 23.297 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:252 Resp: 20853
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 12.6 9.4 14.2

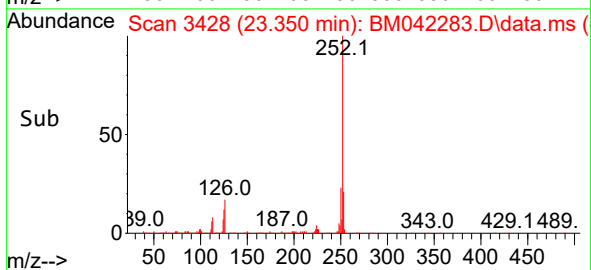
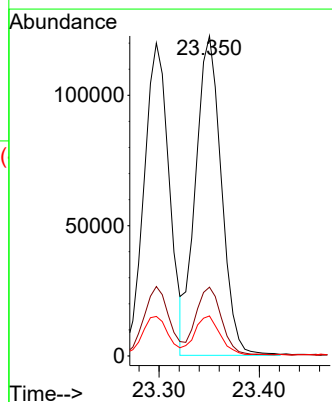
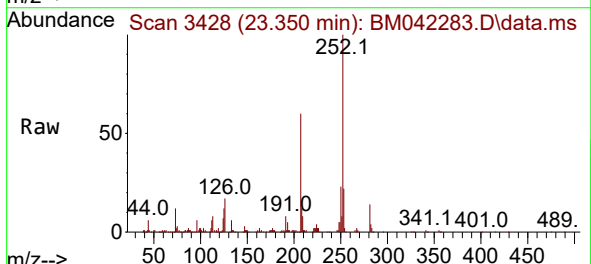
Manual Integrations
APPROVED

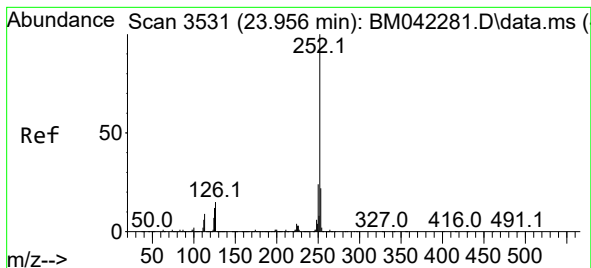
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#91
Benzo(k)fluoranthene
Concen: 3.645 ng/ul
RT: 23.350 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BM042283.D
Acq: 13 Oct 2023 12:43

Tgt Ion:252 Resp: 219187
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 12.5 9.8 14.6





#93

Benzo(a)pyrene

Concen: 3.559 ng/ul

RT: 23.956 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

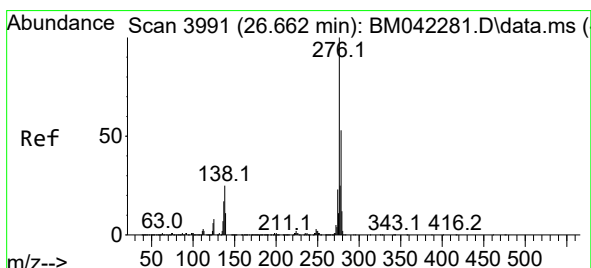
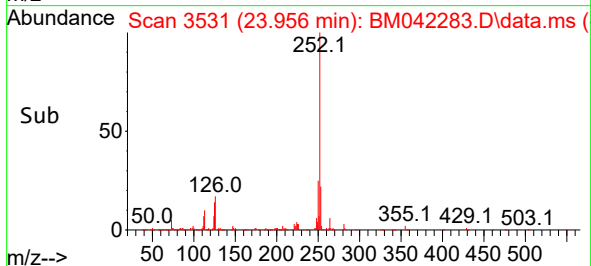
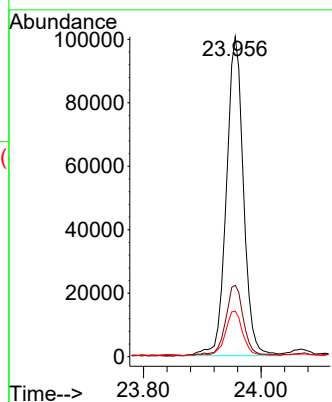
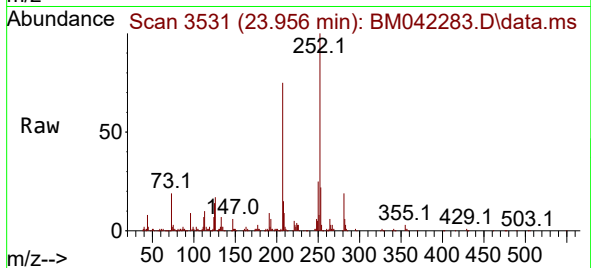
Tgt Ion:	252	Resp:	202479
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	14.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.175 ng/ul

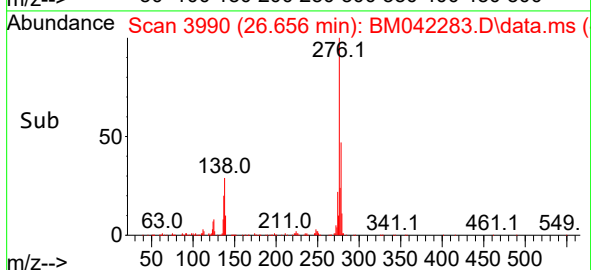
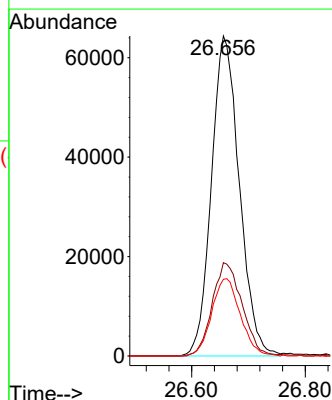
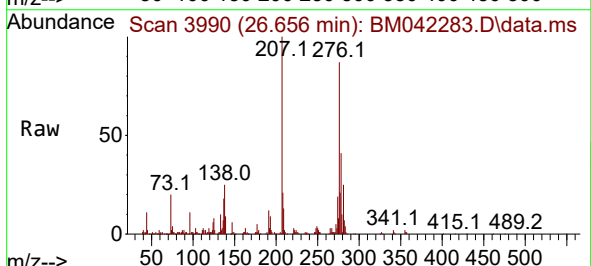
RT: 26.656 min Scan# 3990

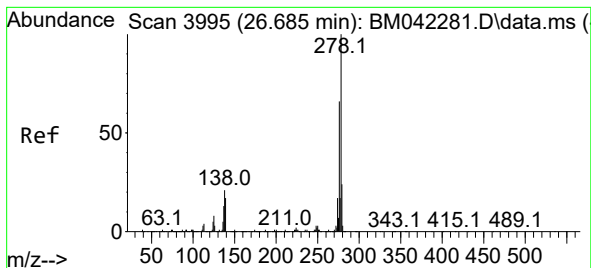
Delta R.T. -0.018 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:	276	Resp:	219431
Ion Ratio	Lower	Upper	
276	100		
138	29.1	22.8	34.2
277	23.9	20.0	30.0





#95

Dibenzo(a,h)anthracene

Concen: 3.155 ng/ul

RT: 26.679 min Scan# 3995

Delta R.T. -0.012 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT2-2023-03

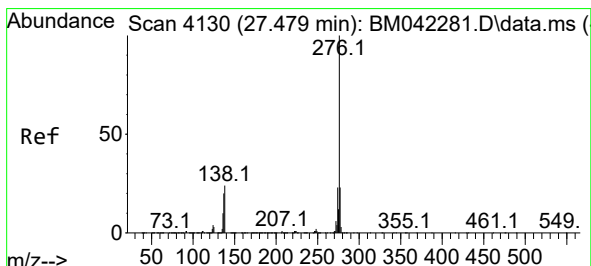
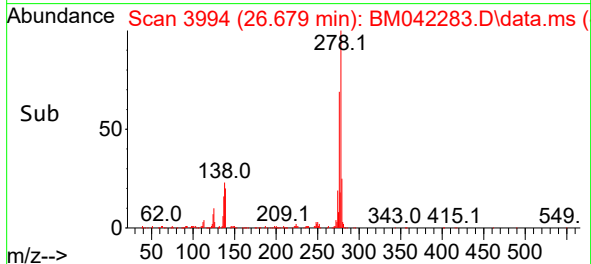
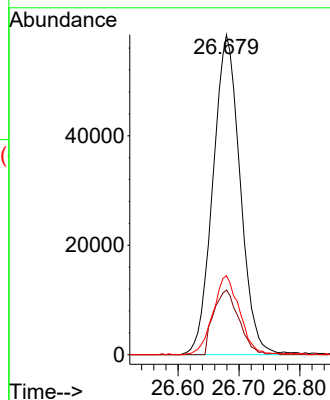
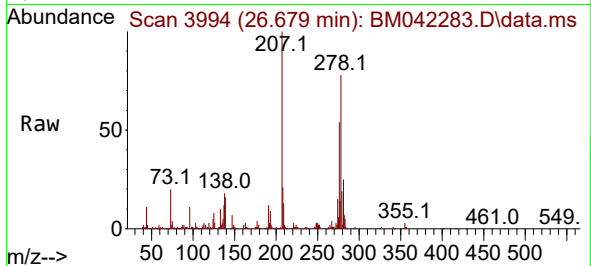
Tgt Ion:	278	Resp:	180830
Ion Ratio	Lower	Upper	
278	100		
139	20.2	15.8	23.8
279	24.7	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#96

Benzo(g,h,i)perylene

Concen: 3.228 ng/ul

RT: 27.468 min Scan# 4128

Delta R.T. -0.024 min

Lab File: BM042283.D

Acq: 13 Oct 2023 12:43

Tgt Ion:	276	Resp:	174476
Ion Ratio	Lower	Upper	
276	100		
138	25.7	22.1	33.1
277	25.1	19.4	29.0

