

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044054.D
 Acq On : 12 Feb 2024 13:29
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 12 14:03:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	355136	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1714887	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1046271	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2046600	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1734146	20.000	ng	0.00
86) Perylene-d12	23.897	264	1955615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3517634	144.062	ng	0.00
7) Phenol-d6	7.075	99	4879731	157.069	ng	0.00
23) Nitrobenzene-d5	9.075	82	2622920	81.161	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1525299	134.646	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	5852748	78.948	ng	0.00
79) Terphenyl-d14	19.945	244	7590856	76.735	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	41129	4.244	ng	97
3) Pyridine	3.793	79	102855	4.020	ng	95
4) n-Nitrosodimethylamine	3.710	42	39710	4.091	ng	# 93
6) Aniline	7.239	93	158923	5.203	ng	97
8) 2-Chlorophenol	7.463	128	101423	3.978	ng	99
9) Benzaldehyde	7.051	77	89573m	5.610	ng	
10) Phenol	7.098	94	148498	4.736	ng	90
11) bis(2-Chloroethyl)ether	7.340	93	110210	4.245	ng	99
12) 1,3-Dichlorobenzene	7.792	146	106933	3.694	ng	97
13) 1,4-Dichlorobenzene	7.939	146	109024	3.736	ng	96
14) 1,2-Dichlorobenzene	8.257	146	104756	3.767	ng	98
15) Benzyl Alcohol	8.151	79	93718	4.633	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.445	45	151097	4.590	ng	97
17) 2-Methylphenol	8.351	107	88592	4.304	ng	98
18) Hexachloroethane	8.981	117	39520	3.617	ng	100
19) n-Nitroso-di-n-propyla...	8.722	70	86907	4.556	ng	97
20) 3+4-Methylphenols	8.681	107	117847	4.160	ng	99
22) Acetophenone	8.734	105	176191	4.048	ng	# 98
24) Nitrobenzene	9.116	77	132119	3.992	ng	97
25) Isophorone	9.639	82	225895	3.630	ng	98
26) 2-Nitrophenol	9.822	139	46582	3.036	ng	98
27) 2,4-Dimethylphenol	9.886	122	85399	4.353	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	157227	3.907	ng	99
29) 2,4-Dichlorophenol	10.357	162	88368	3.421	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	101762	3.504	ng	99
31) Naphthalene	10.757	128	355708	3.758	ng	98
32) Benzoic acid	9.945	122	34754	1.759	ng	93
33) 4-Chloroaniline	10.880	127	142410	3.974	ng	99
34) Hexachlorobutadiene	11.033	225	55752	3.353	ng	99
35) Caprolactam	11.651	113	24699m	2.971	ng	
36) 4-Chloro-3-methylphenol	11.998	107	91151	3.259	ng	99
37) 2-Methylnaphthalene	12.369	142	239029	3.791	ng	98
38) 1-Methylnaphthalene	12.586	142	234667	3.788	ng	96
40) 1,2,4,5-Tetrachloroben...	12.733	216	114154	3.754	ng	99
41) Hexachlorocyclopentadiene	12.710	237	52998	3.993	ng	95
43) 2,4,6-Trichlorophenol	12.980	196	60852	2.940	ng	92

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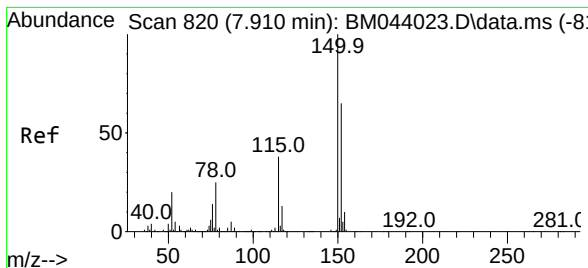
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	67945	2.992	ng	98
46) 1,1'-Biphenyl	13.386	154	314896	3.814	ng	98
47) 2-Chloronaphthalene	13.427	162	237029	3.624	ng	98
48) 2-Nitroaniline	13.639	65	56707	3.082	ng	89
49) Acenaphthylene	14.268	152	374233	3.836	ng	100
50) Dimethylphthalate	14.016	163	278777	3.594	ng	100
51) 2,6-Dinitrotoluene	14.139	165	52028	3.040	ng	88
52) Acenaphthene	14.610	154	222064	3.678	ng	98
53) 3-Nitroaniline	14.468	138	52877	2.875	ng	96
54) 2,4-Dinitrophenol	14.668	184	16231	7.057	ng #	84
55) Dibenzofuran	14.951	168	362575	3.879	ng	100
56) 4-Nitrophenol	14.768	139	34547	2.310	ng	90
57) 2,4-Dinitrotoluene	14.921	165	59741	2.671	ng	92
58) Fluorene	15.598	166	277836	3.847	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.174	232	58304	3.271	ng	94
60) Diethylphthalate	15.380	149	270592	3.375	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	132525	3.787	ng	98
62) 4-Nitroaniline	15.627	138	49748m	2.687	ng	
63) Azobenzene	15.892	77	261626	3.478	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	25207	2.067	ng	94
66) n-Nitrosodiphenylamine	15.815	169	225477	3.626	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	65971	3.260	ng	97
68) Hexachlorobenzene	16.592	284	90363	3.646	ng	97
69) Atrazine	16.774	200	68891	4.092	ng	99
70) Pentachlorophenol	16.945	266	39900	2.474	ng	99
71) Phenanthrene	17.345	178	429737	3.976	ng	99
72) Anthracene	17.433	178	398995	3.729	ng	99
73) Carbazole	17.709	167	366493	3.522	ng	100
74) Di-n-butylphthalate	18.286	149	394496	2.917	ng	99
75) Fluoranthene	19.362	202	433896	3.574	ng	99
77) Benzidine	19.562	184	98449	3.653	ng	98
78) Pyrene	19.727	202	456774	3.420	ng	99
80) Butylbenzylphthalate	20.650	149	144223	2.429	ng	93
81) Benzo(a)anthracene	21.486	228	441115	3.657	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	132023	3.336	ng	97
83) Chrysene	21.539	228	417717	3.665	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	223978	2.557	ng	98
85) Di-n-octyl phthalate	22.374	149	344453	2.252	ng	96
87) Indeno(1,2,3-cd)pyrene	26.374	276	479456	3.464	ng	100
88) Benzo(b)fluoranthene	23.168	252	421144	3.445	ng	99
89) Benzo(k)fluoranthene	23.215	252	411246	3.540	ng	99
90) Benzo(a)pyrene	23.791	252	350136	3.279	ng	98
91) Dibenzo(a,h)anthracene	26.409	278	410883	3.549	ng	97
92) Benzo(g,h,i)perylene	27.132	276	396998	3.381	ng	99

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



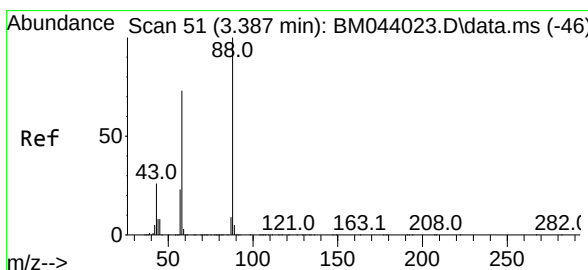
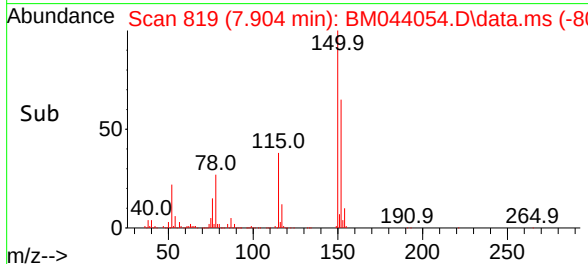
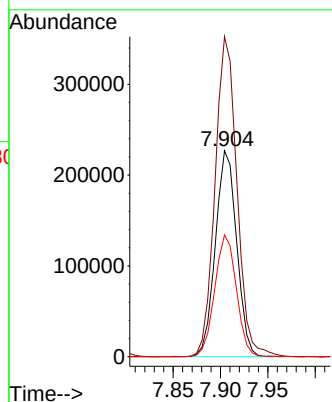
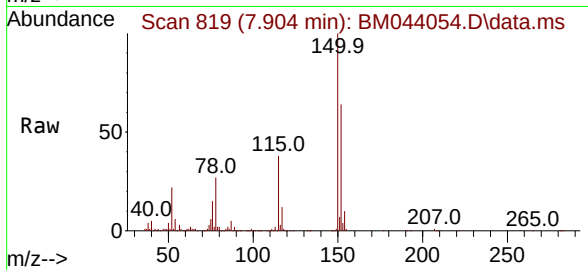
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:152 Resp: 355130
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 59.1 47.0 70.6

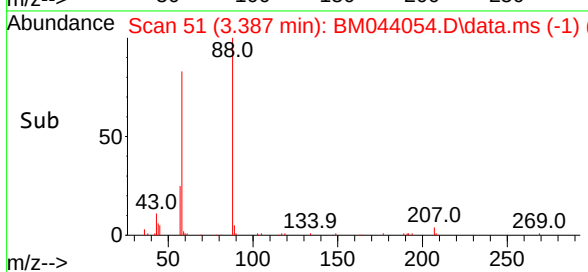
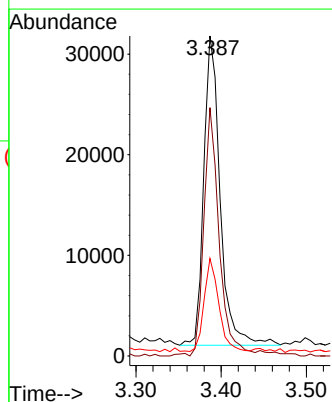
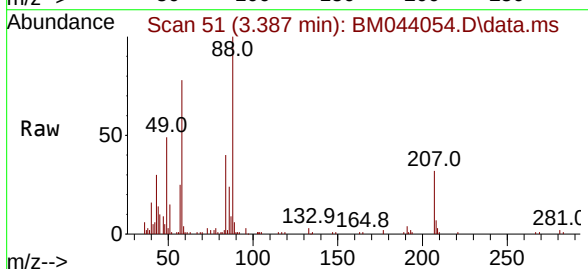
Manual Integrations
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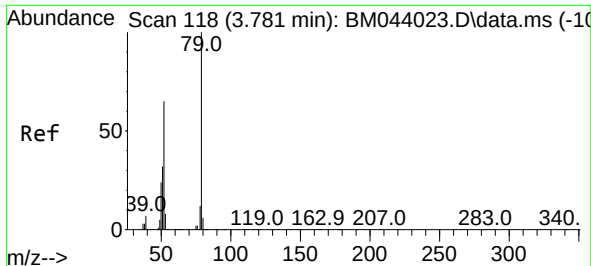
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 4.244 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

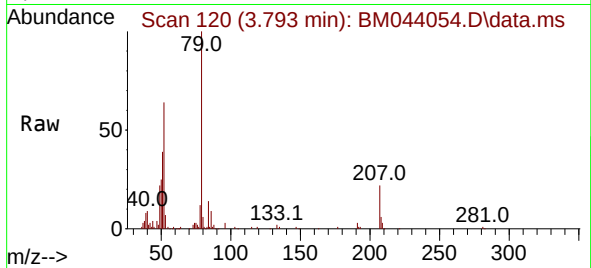
Tgt Ion: 88 Resp: 41129
Ion Ratio Lower Upper
88 100
58 75.0 58.1 87.1
43 27.2 21.1 31.7





#3
Pyridine
Concen: 4.020 ng
RT: 3.793 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

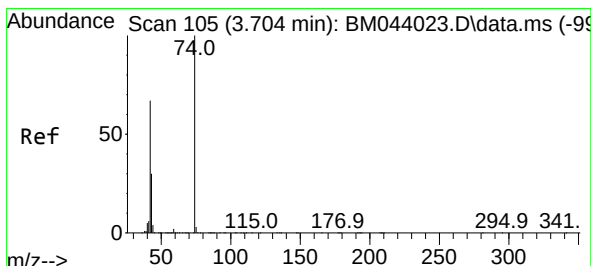
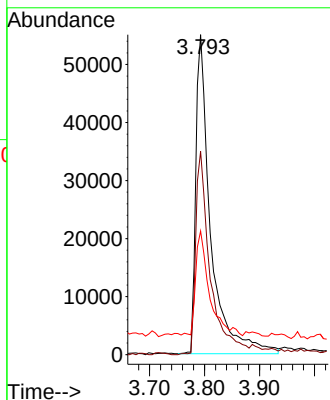
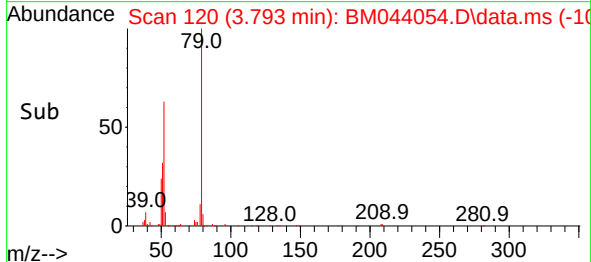
Instrument :
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MDL-WATER-03-QT3-2023



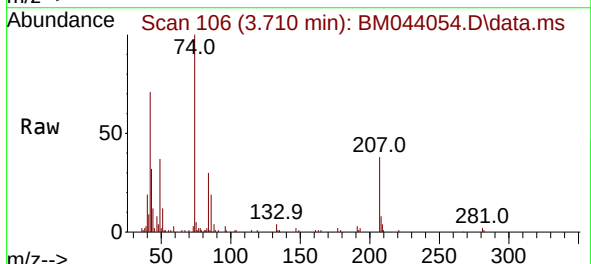
Tgt Ion: 79 Resp: 10285
Ion Ratio Lower Upper
79 100
52 63.6 52.2 78.2
51 38.6 26.2 39.4

Manual Integrations
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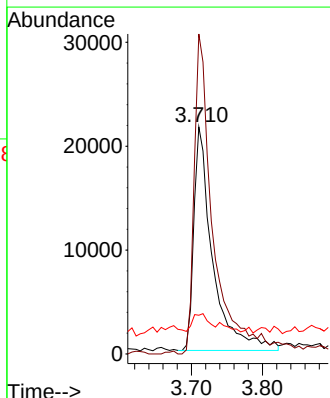
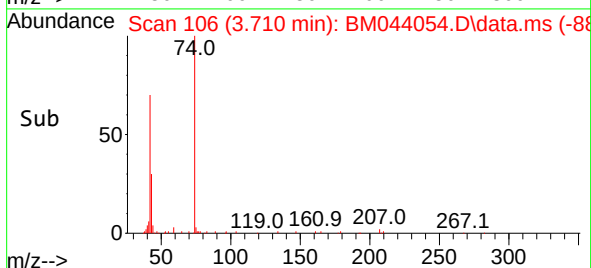
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Supervised By :mohammad ahmed 02/14/2024

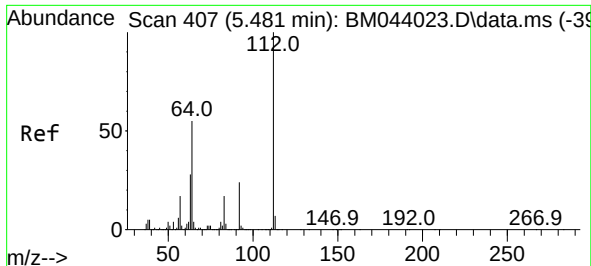


#4
n-Nitrosodimethylamine
Concen: 4.091 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



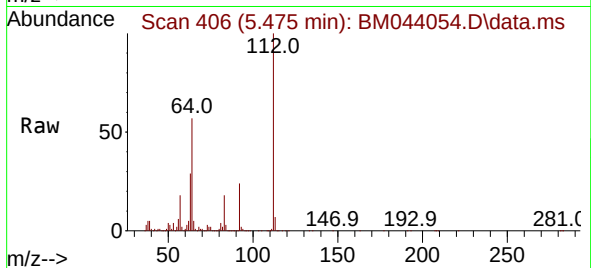
Tgt Ion: 42 Resp: 39710
Ion Ratio Lower Upper
42 100
74 141.0 118.6 178.0
44 17.0 5.6 8.4





#5
2-Fluorophenol
Concen: 144.062 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

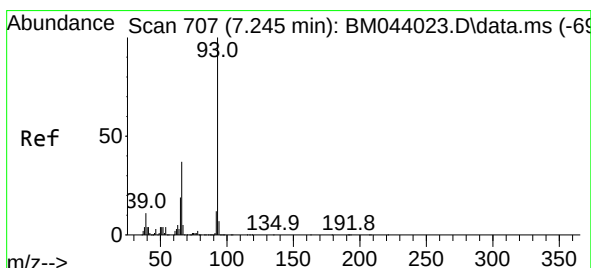
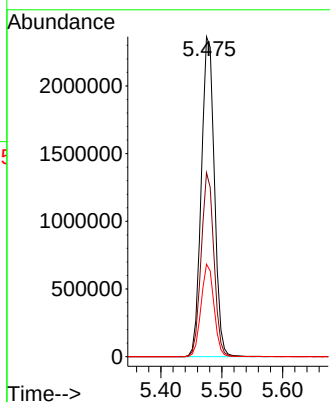
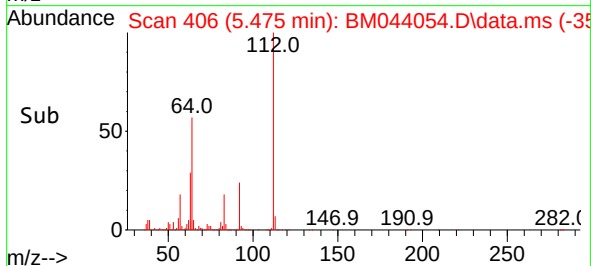
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 112 Resp: 3517634
Ion Ratio Lower Upper
112 100
64 57.5 44.2 66.4
63 28.9 22.6 34.0

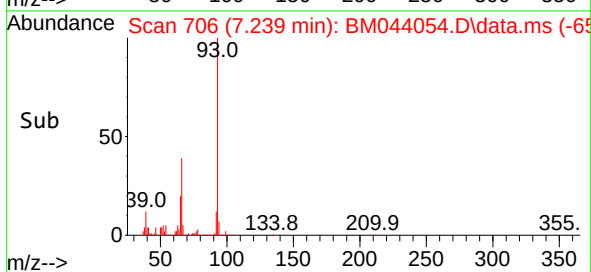
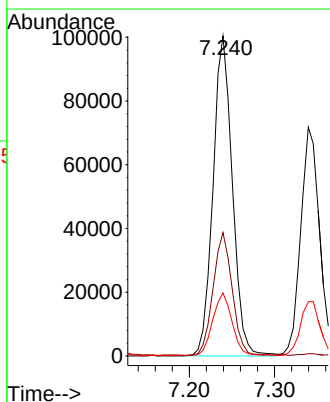
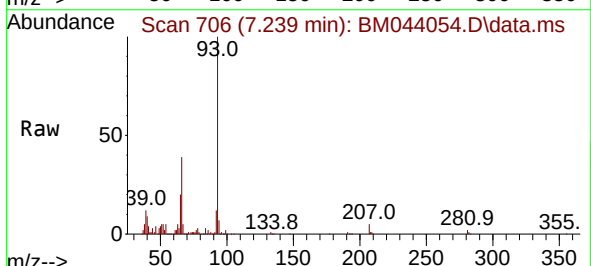
Manual Integrations
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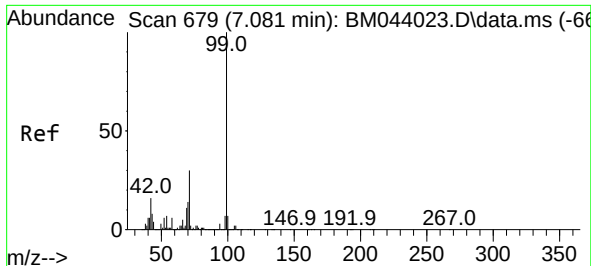
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 5.203 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

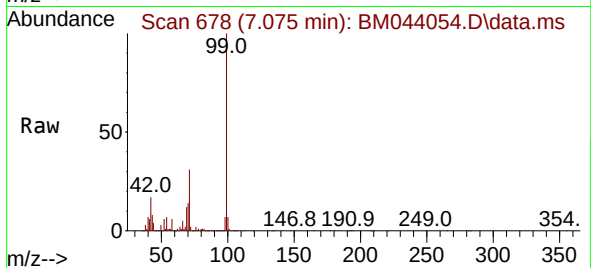
Tgt Ion: 93 Resp: 158923
Ion Ratio Lower Upper
93 100
66 38.6 29.4 44.0
65 19.7 15.2 22.8





#7
Phenol-d6
Concen: 157.069 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

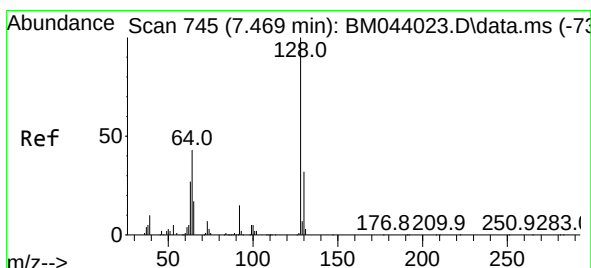
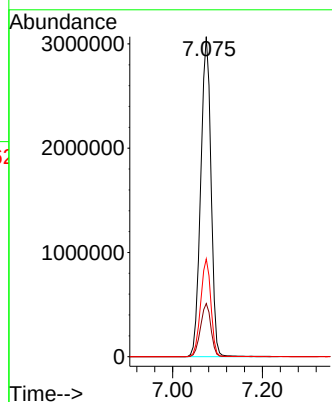
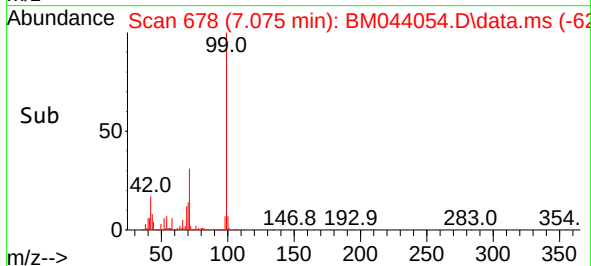
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



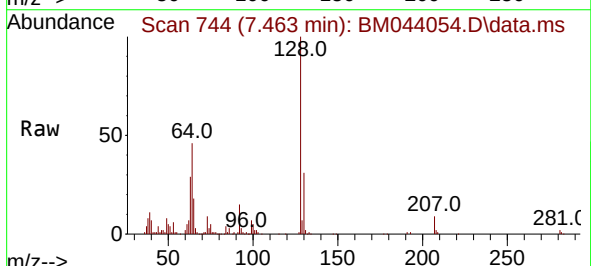
Tgt Ion: 99 Resp: 487973
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.5 23.9 35.9

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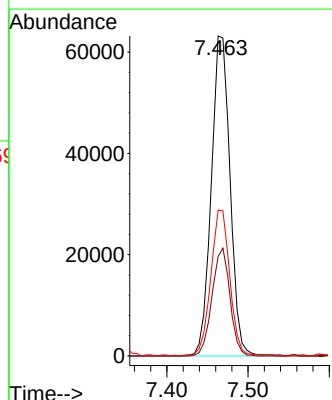
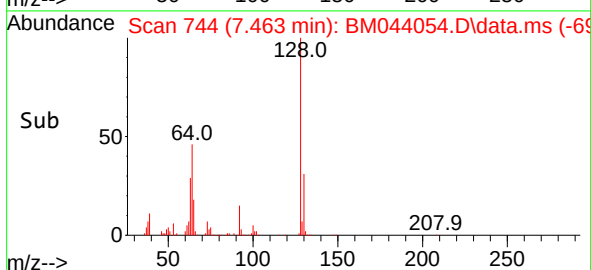
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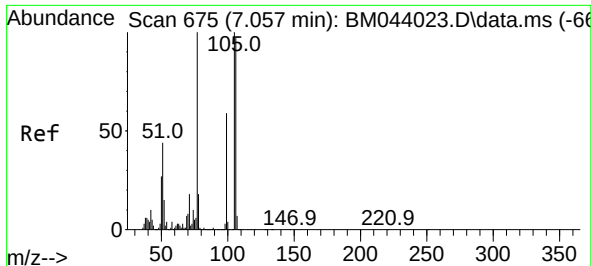


#8
2-Chlorophenol
Concen: 3.978 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



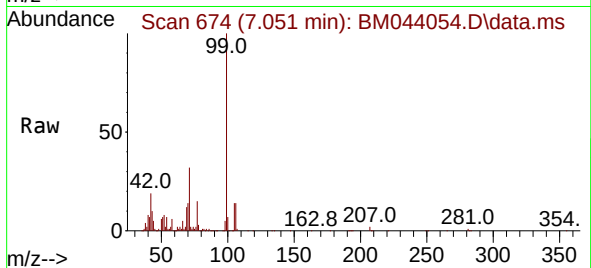
Tgt Ion:128 Resp: 101423
Ion Ratio Lower Upper
128 100
130 31.1 12.1 52.1
64 45.6 26.0 66.0





#9
Benzaldehyde
Concen: 5.610 ng m
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

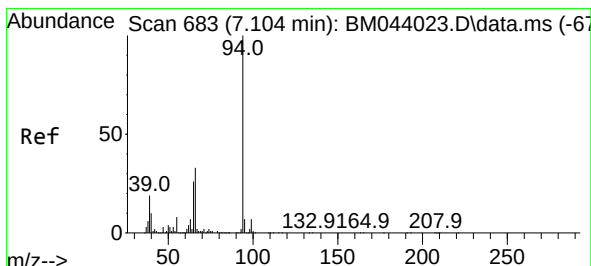
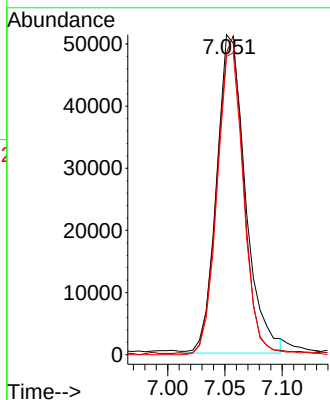
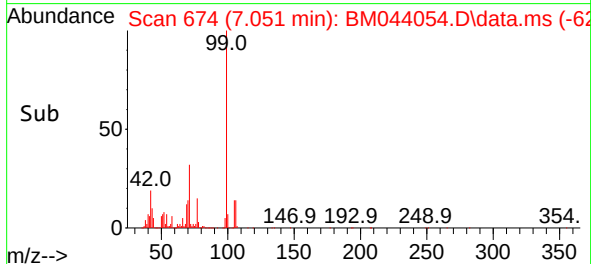
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



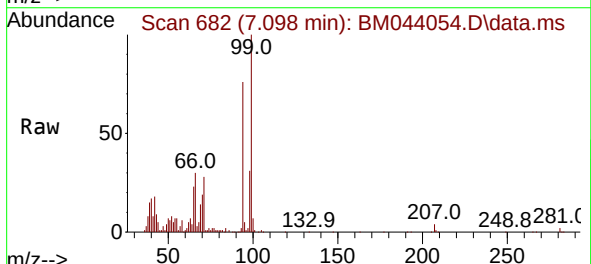
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Ion Ratio Lower Upper
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106 93.2 76.8 116.8

Manual Integrations
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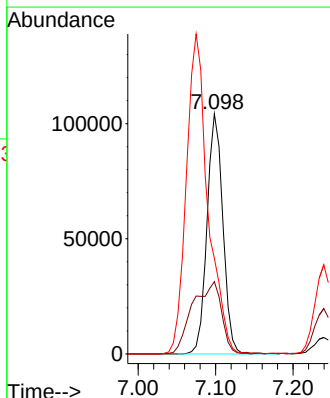
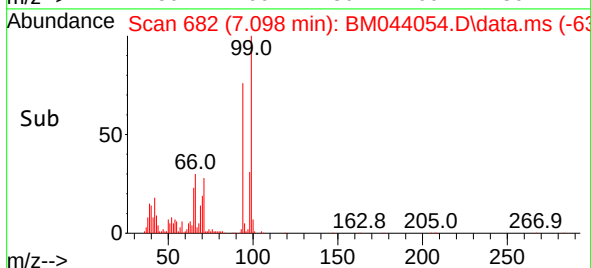
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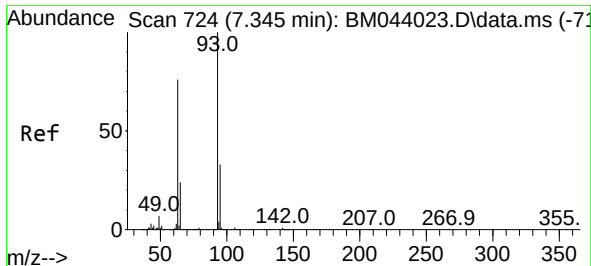


#10
Phenol
Concen: 4.736 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



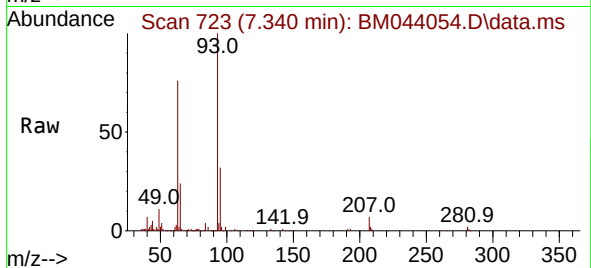
Tgt Ion: 94 Resp: 148498
Ion Ratio Lower Upper
94 100
65 30.1 6.4 46.4
66 39.8 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 4.245 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

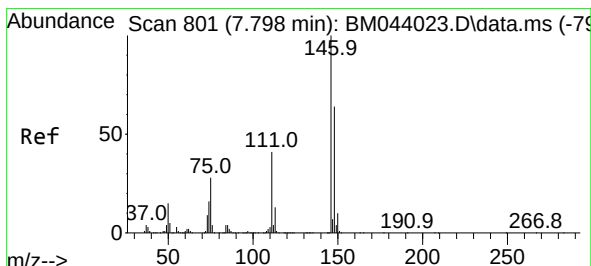
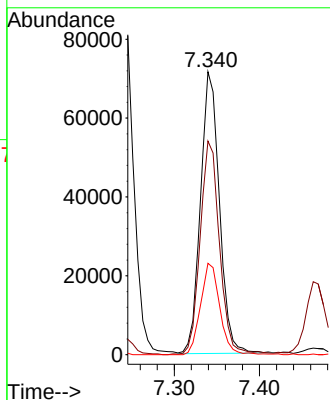
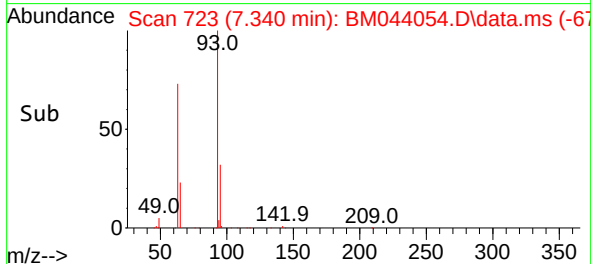
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 93 Resp: 110210
Ion Ratio Lower Upper
93 100
63 75.5 55.9 95.9
95 32.3 13.0 53.0

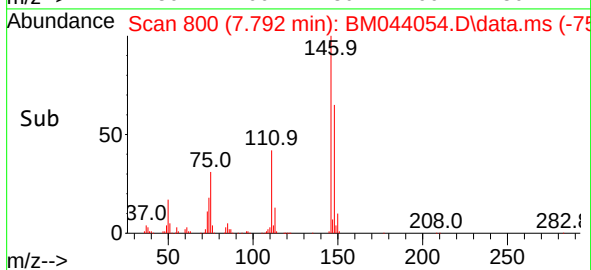
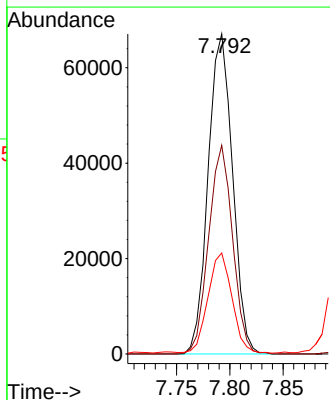
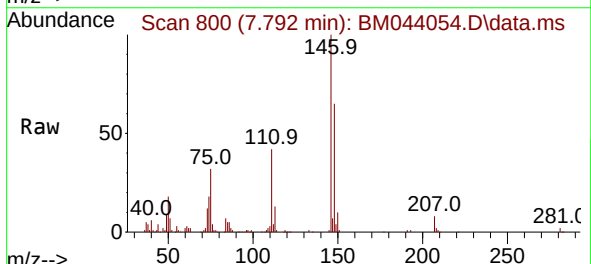
Manual Integrations
APPROVED

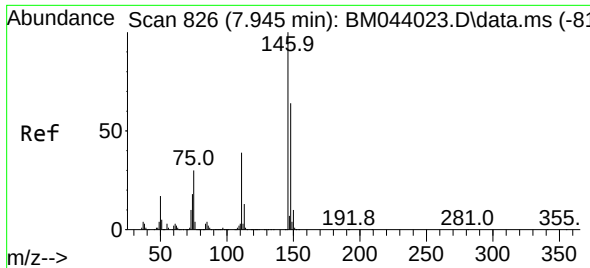
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#12
1,3-Dichlorobenzene
Concen: 3.694 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

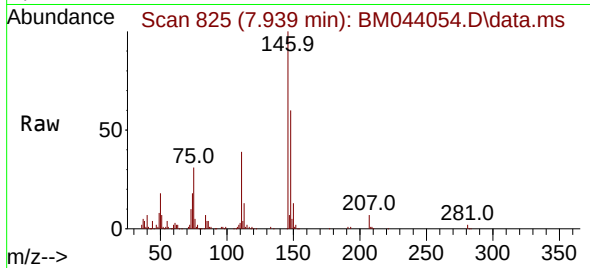
Tgt Ion:146 Resp: 106933
Ion Ratio Lower Upper
146 100
148 65.2 51.3 76.9
75 31.6 22.7 34.1





#13
1,4-Dichlorobenzene
Concen: 3.736 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

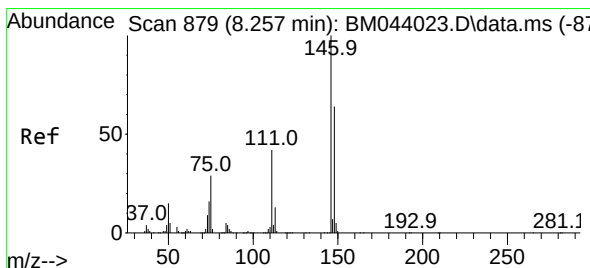
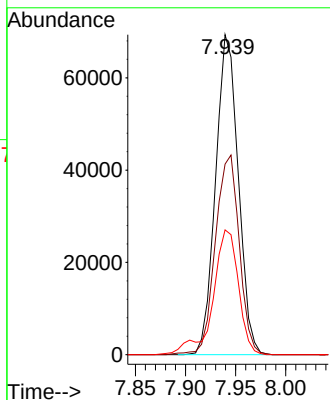
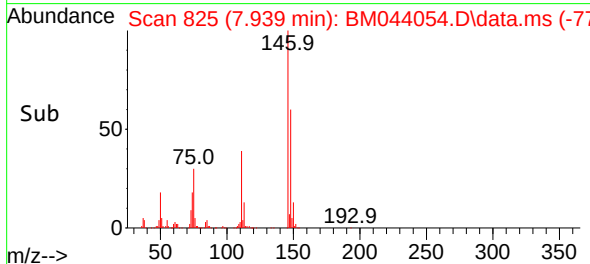
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



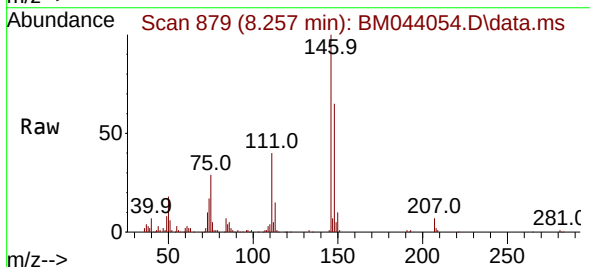
Tgt Ion:146 Resp: 109024
Ion Ratio Lower Upper
146 100
148 59.6 51.2 76.8
111 39.0 31.2 46.8

Manual Integrations
APPROVED

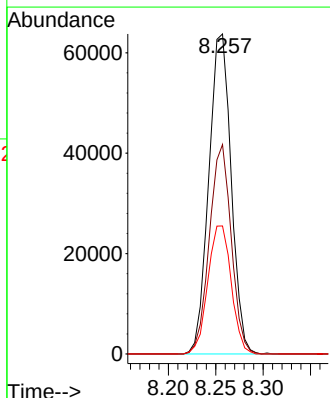
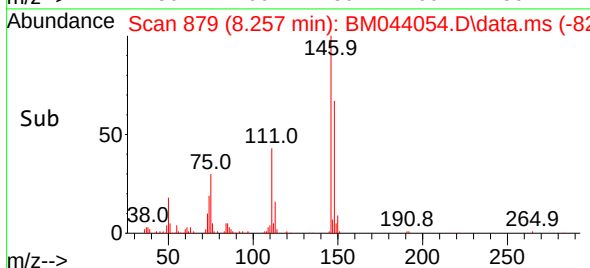
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

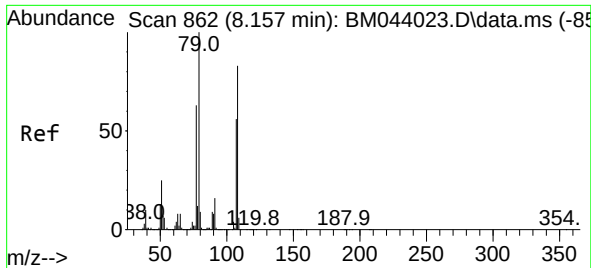


#14
1,2-Dichlorobenzene
Concen: 3.767 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



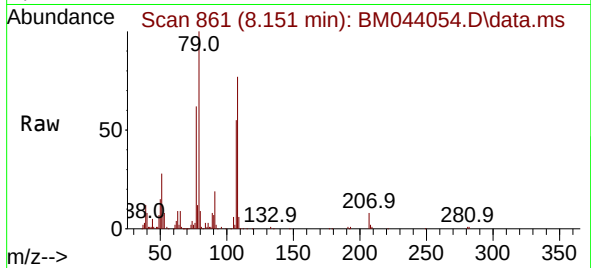
Tgt Ion:146 Resp: 104756
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
111 40.0 33.7 50.5





#15
Benzyl Alcohol
Concen: 4.633 ng
RT: 8.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

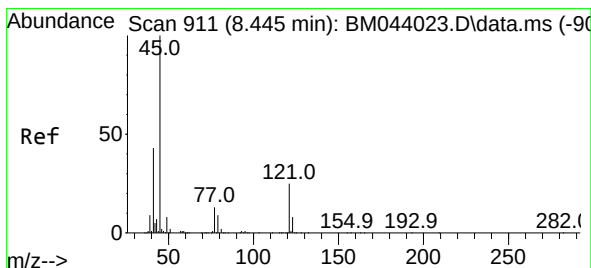
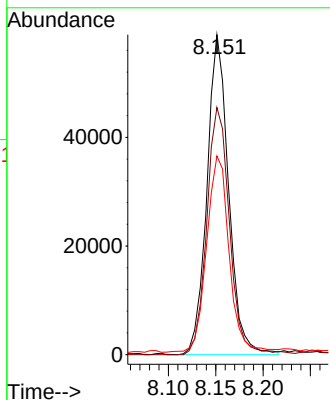
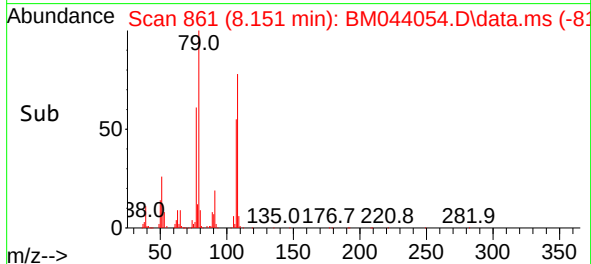
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



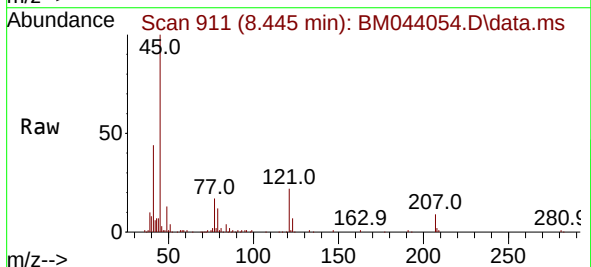
Tgt Ion: 79 Resp: 93718
Ion Ratio Lower Upper
79 100
108 77.2 66.0 99.0
77 62.1 50.4 75.6

Manual Integrations
APPROVED

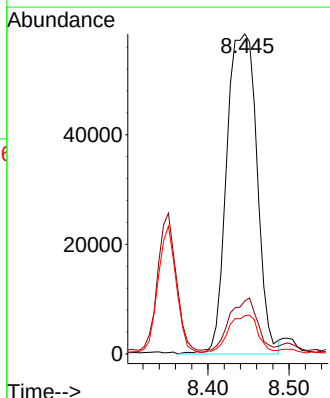
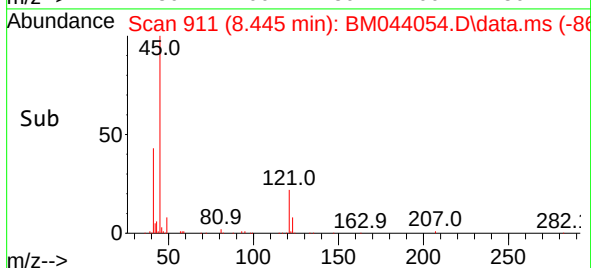
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

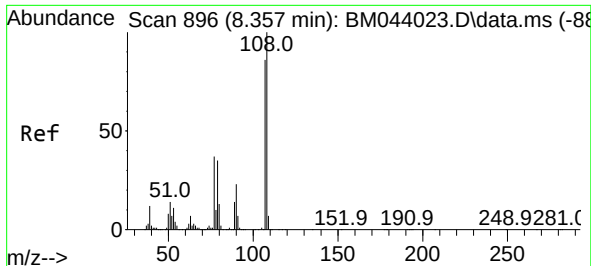


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.590 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



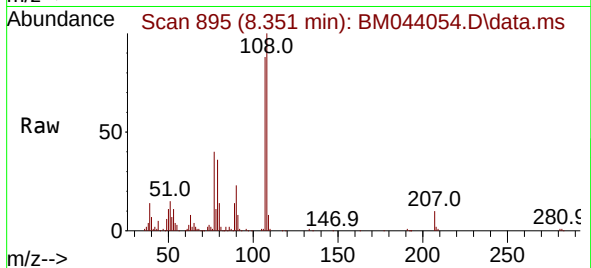
Tgt Ion: 45 Resp: 151097
Ion Ratio Lower Upper
45 100
77 16.6 0.0 35.1
79 12.0 0.0 31.5





#17
2-Methylphenol
Concen: 4.304 ng
RT: 8.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

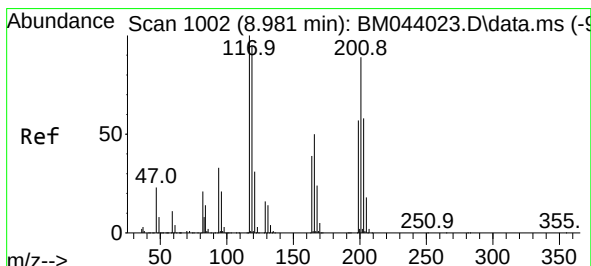
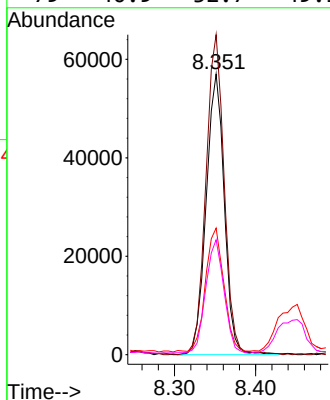
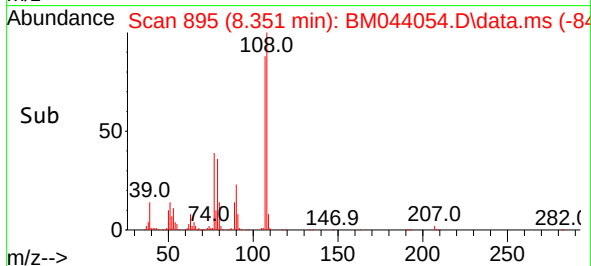
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:	107	Resp:	88592
Ion Ratio	Lower	Upper	
107	100		
108	114.0	93.4	140.2
77	45.1	34.7	52.1
79	40.9	32.7	49.1

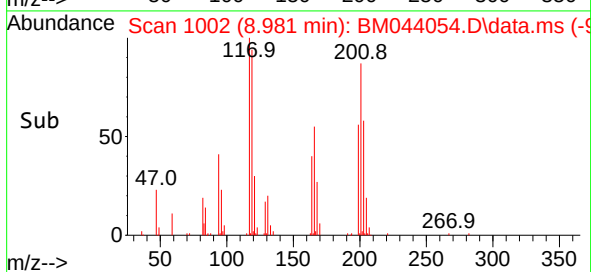
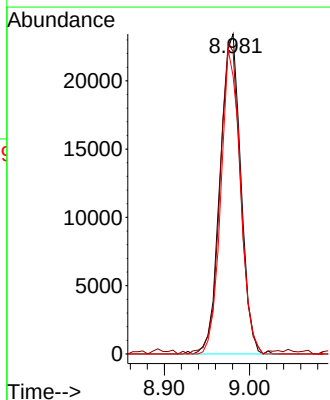
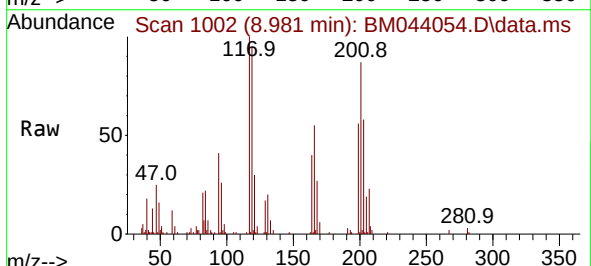
Manual Integrations
APPROVED

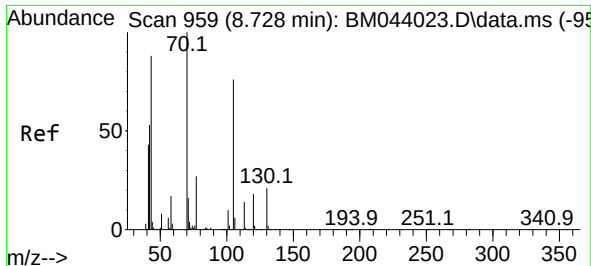
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 3.617 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

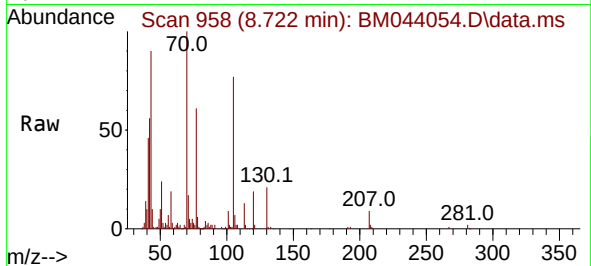
Tgt Ion:	117	Resp:	39520
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.7	113.5
201	88.5	71.5	107.3





#19
n-Nitroso-di-n-propylamine
Concen: 4.556 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

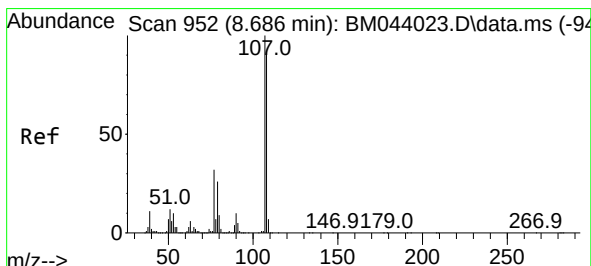
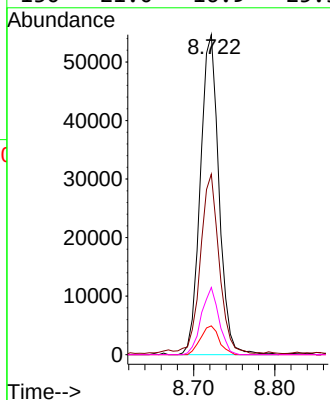
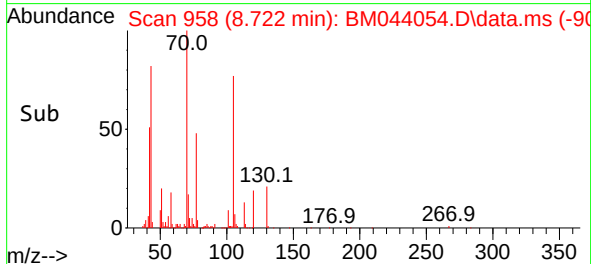
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 70 Resp: 8690
Ion Ratio Lower Upper
70 100
42 56.4 42.6 64.0
101 9.0 7.8 11.6
130 21.0 16.9 25.3

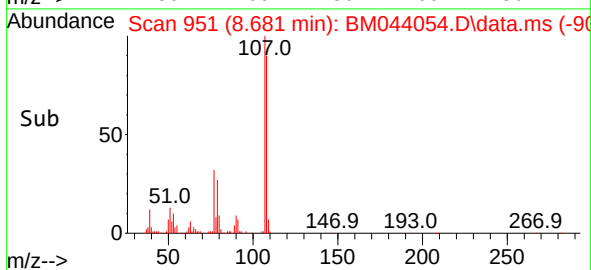
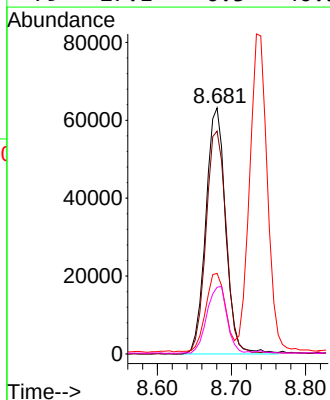
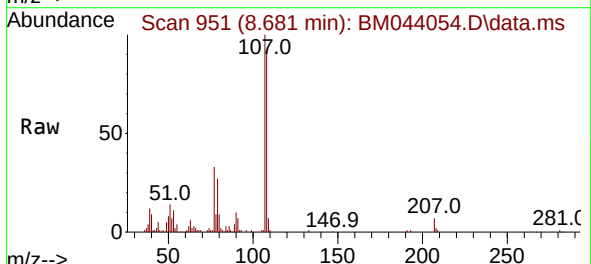
Manual Integrations
APPROVED

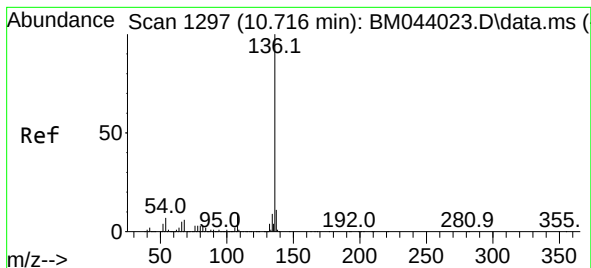
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#20
3+4-Methylphenols
Concen: 4.160 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

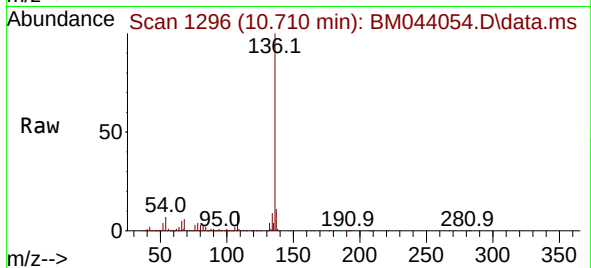
Tgt Ion:107 Resp: 117847
Ion Ratio Lower Upper
107 100
108 90.5 71.5 111.5
77 32.8 11.8 51.8
79 27.1 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

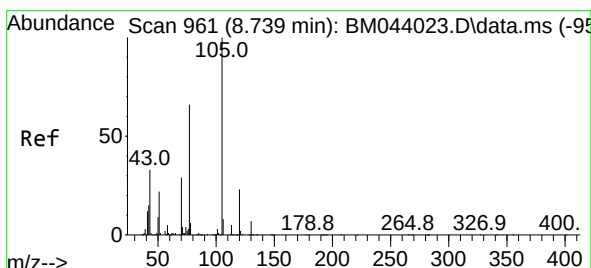
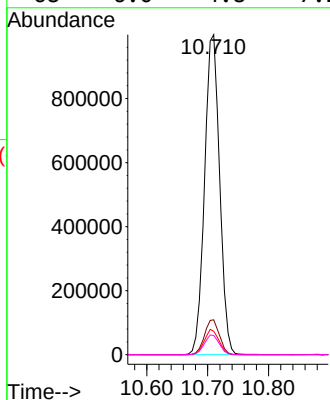
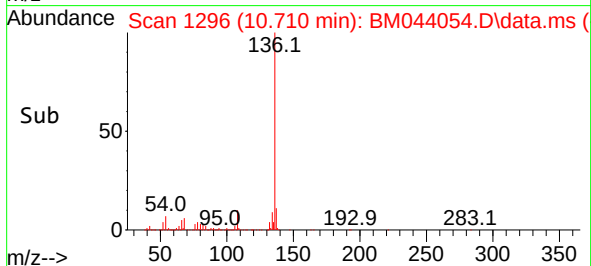
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion:136 Resp: 171488
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 5.9 8.9
68 6.0 4.8 7.2

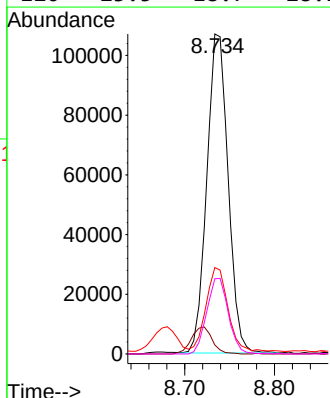
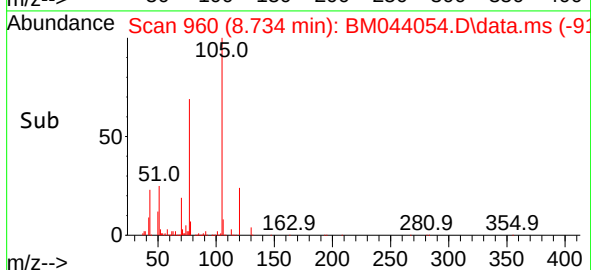
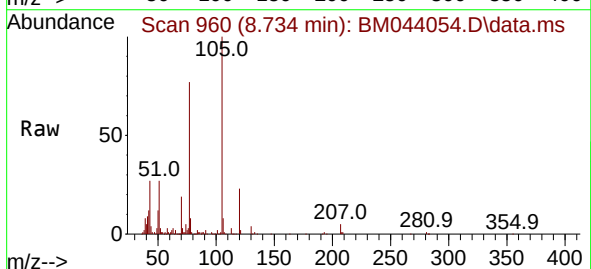
Manual Integrations
APPROVED

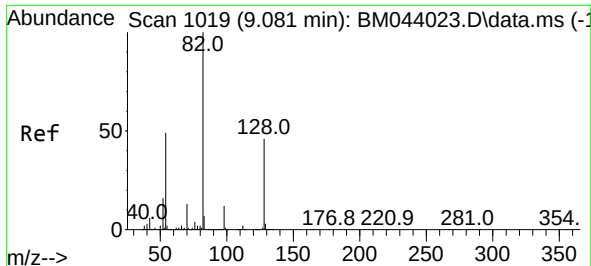
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#22
Acetophenone
Concen: 4.048 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

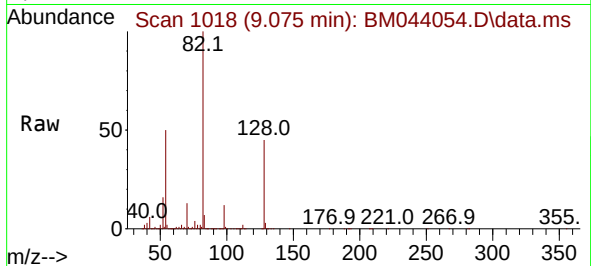
Tgt Ion:105 Resp: 176191
Ion Ratio Lower Upper
105 100
71 2.8 4.0 6.0#
51 27.0 20.1 30.1
120 23.5 18.7 28.1





#23
Nitrobenzene-d5
Concen: 81.161 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

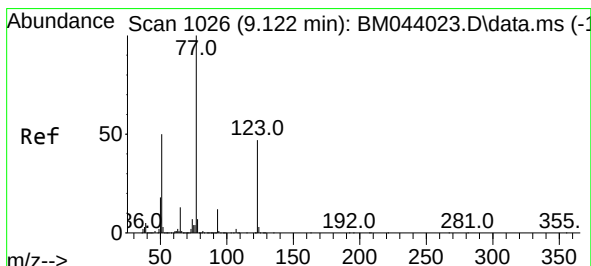
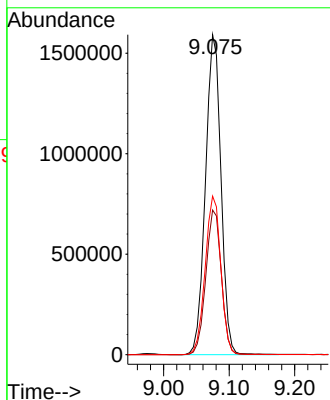
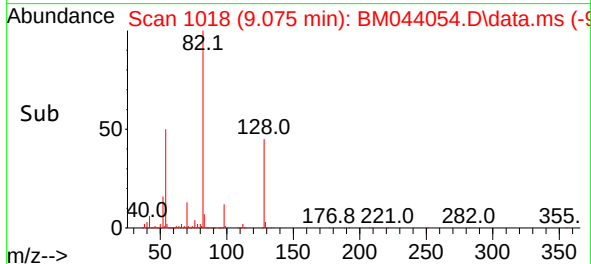
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 82 Resp: 2622920
Ion Ratio Lower Upper
82 100
128 45.2 37.1 55.7
54 49.6 38.9 58.3

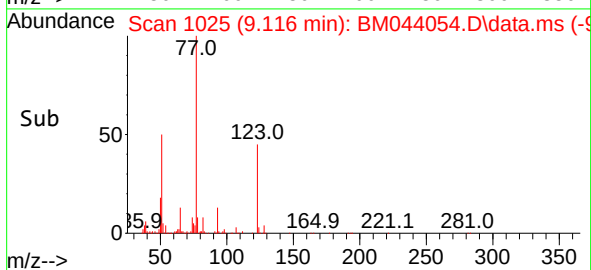
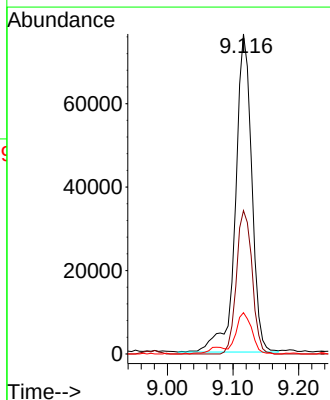
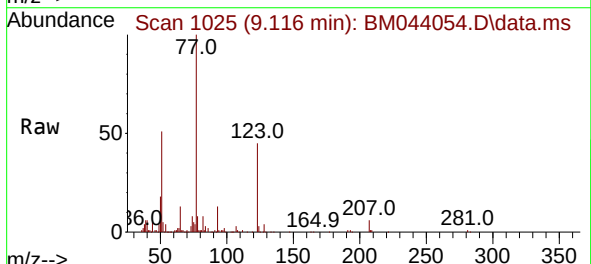
Manual Integrations
APPROVED

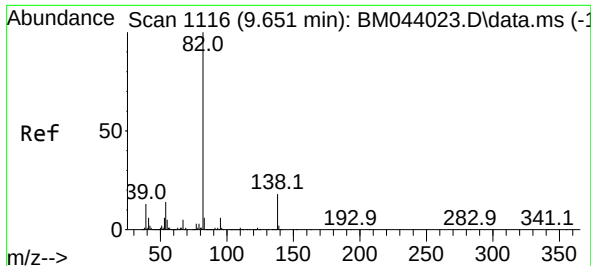
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#24
Nitrobenzene
Concen: 3.992 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

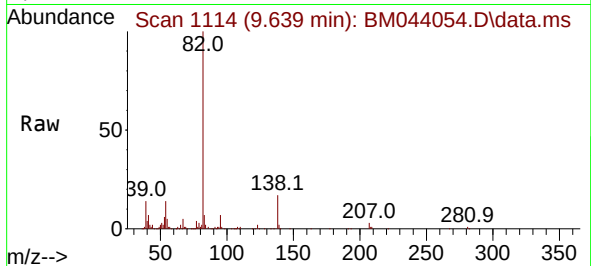
Tgt Ion: 77 Resp: 132119
Ion Ratio Lower Upper
77 100
123 44.8 37.8 56.8
65 12.9 10.5 15.7





#25
Isophorone
Concen: 3.630 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

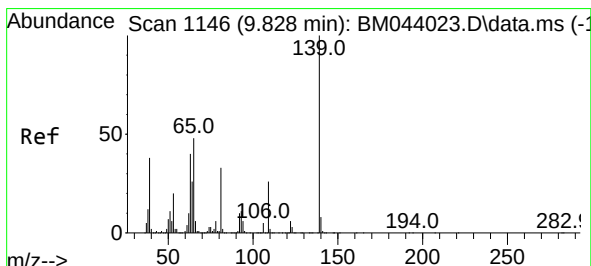
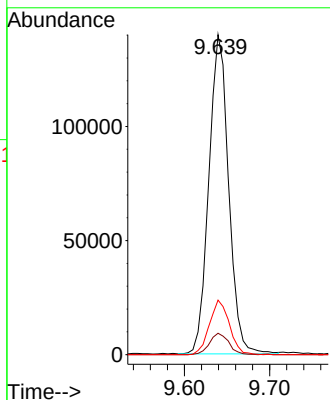
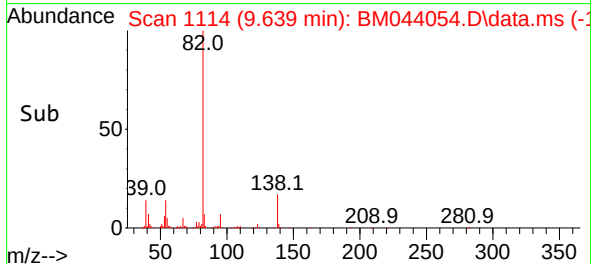
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



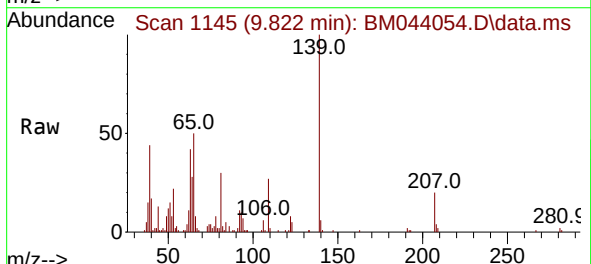
Tgt Ion: 82 Resp: 22589
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.1 14.3 21.5

Manual Integrations
APPROVED

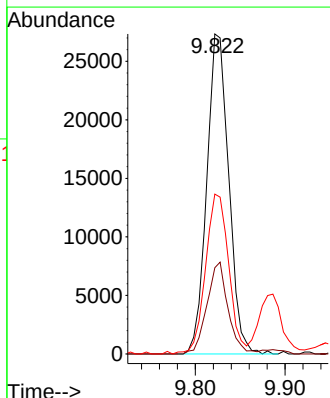
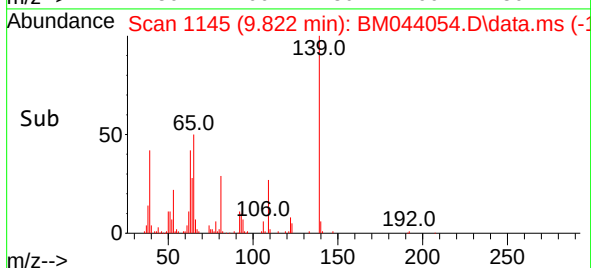
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

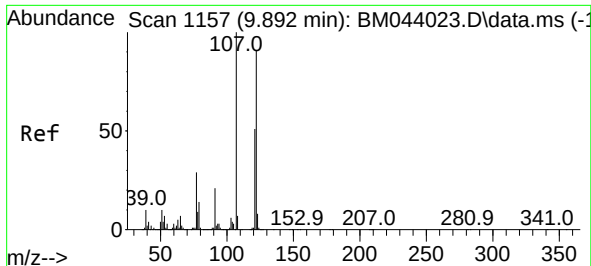


#26
2-Nitrophenol
Concen: 3.036 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



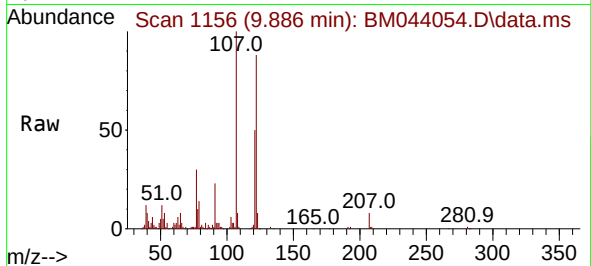
Tgt Ion:139 Resp: 46582
Ion Ratio Lower Upper
139 100
109 26.9 21.2 31.8
65 49.9 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 4.353 ng
RT: 9.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

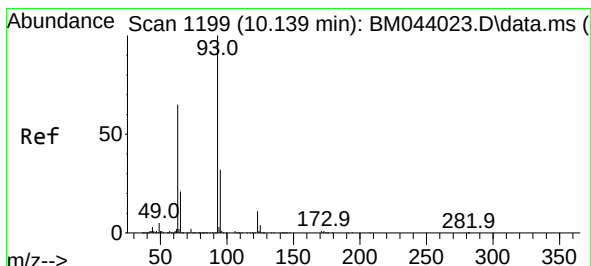
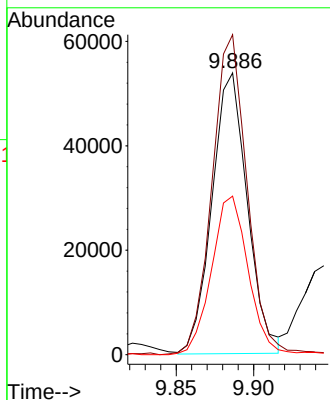
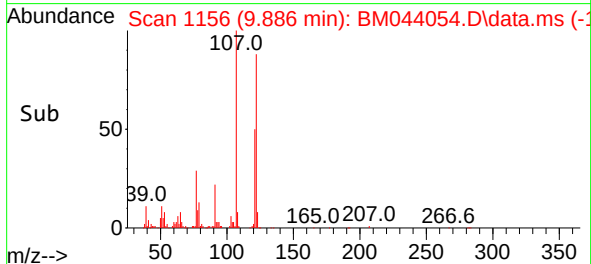
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion:122 Resp: 85399
Ion Ratio Lower Upper
122 100
107 113.6 87.8 131.8
121 56.3 44.7 67.1

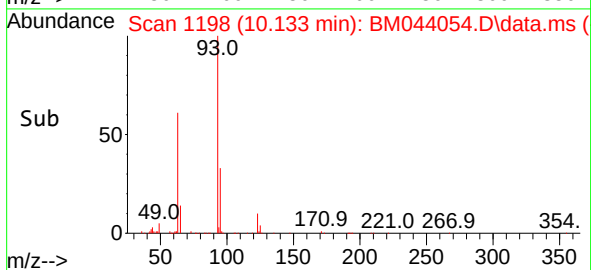
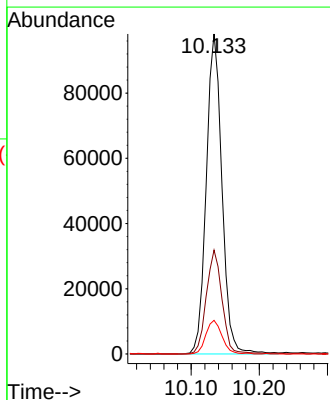
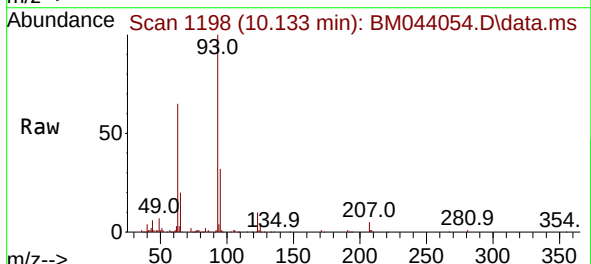
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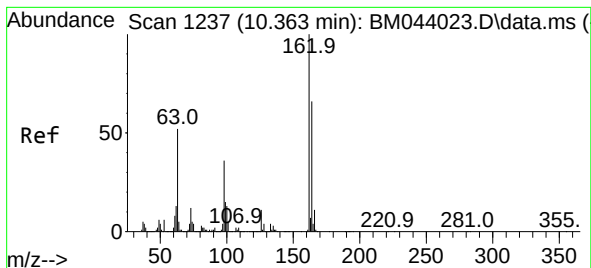
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.907 ng
RT: 10.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion: 93 Resp: 157227
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 10.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 3.421 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044054.D

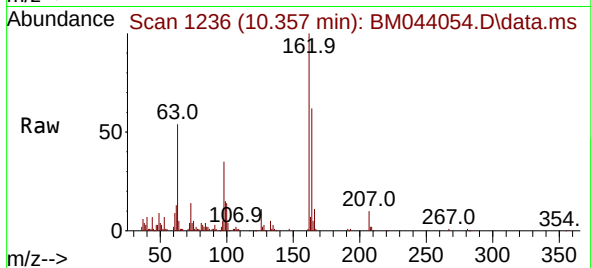
Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



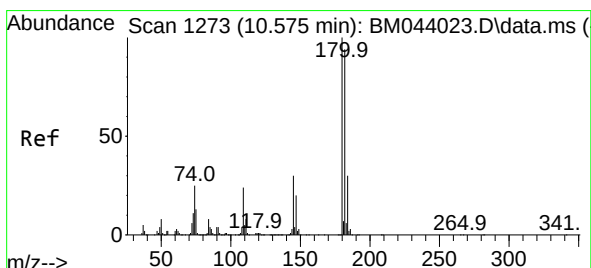
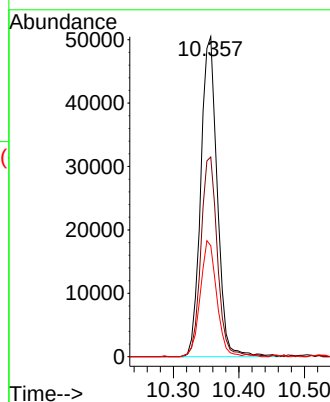
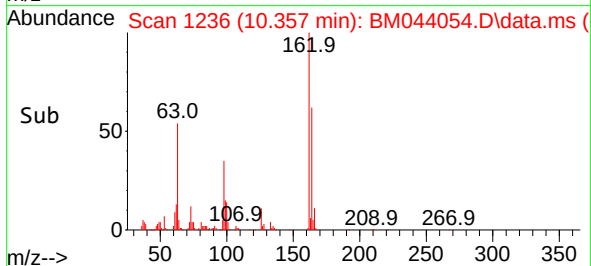
Tgt Ion:	162	Resp:	8836
Ion Ratio	Lower	Upper	
162	100		
164	62.4	46.1	86.1
98	34.7	15.9	55.9

Manual Integrations

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Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 3.504 ng

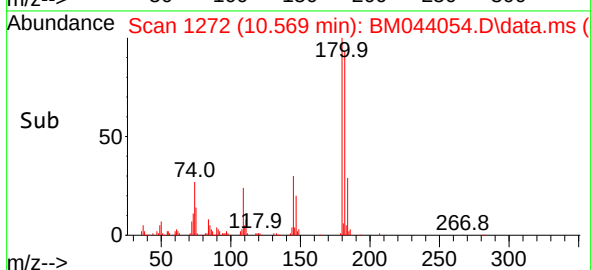
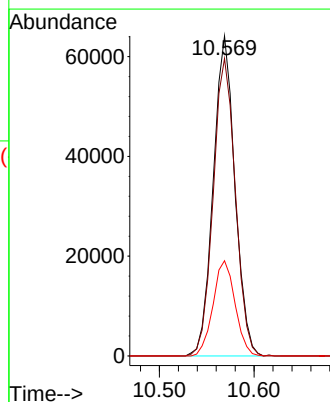
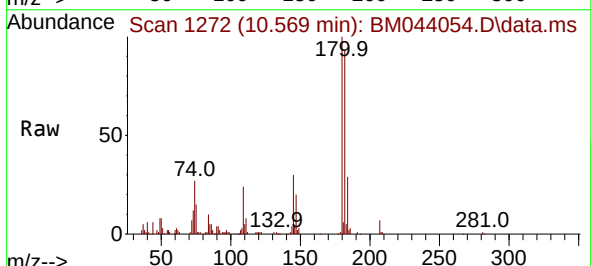
RT: 10.569 min Scan# 1272

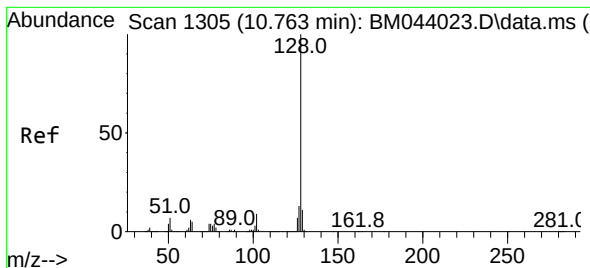
Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Tgt Ion:	180	Resp:	101762
Ion Ratio	Lower	Upper	
180	100		
182	92.9	75.2	112.8
145	29.7	24.3	36.5





#31

Naphthalene

Concen: 3.758 ng

RT: 10.757 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

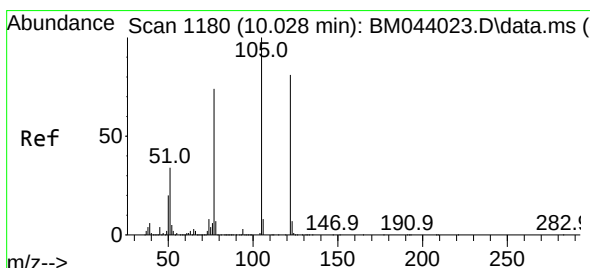
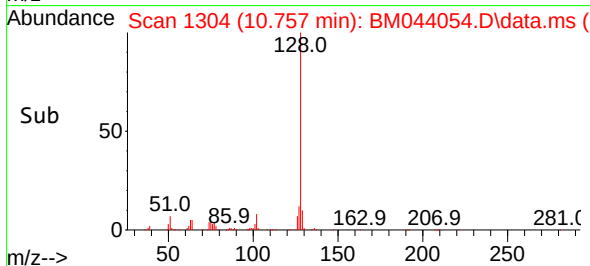
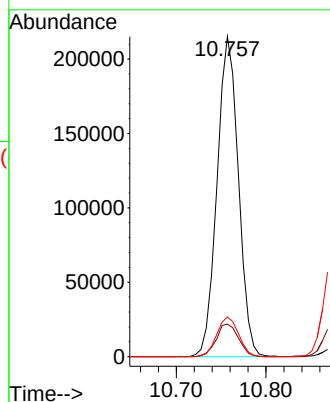
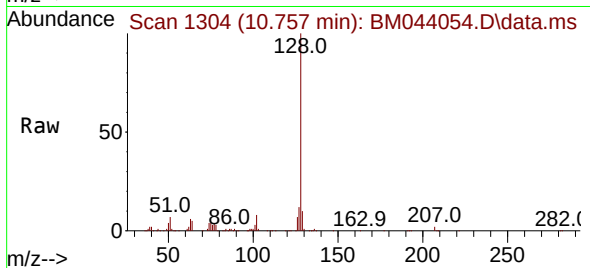
ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:128 Resp: 355708
 Ion Ratio Lower Upper
 128 100
 129 10.2 9.0 13.4
 127 12.4 10.3 15.5

Manual Integrations
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Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#32

Benzoic acid

Concen: 1.759 ng

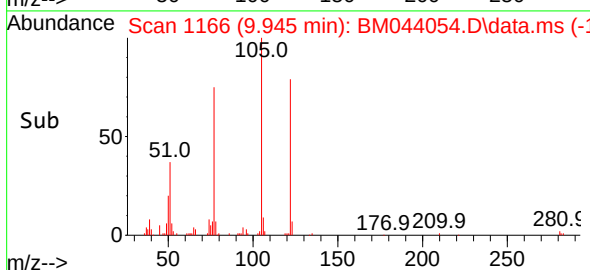
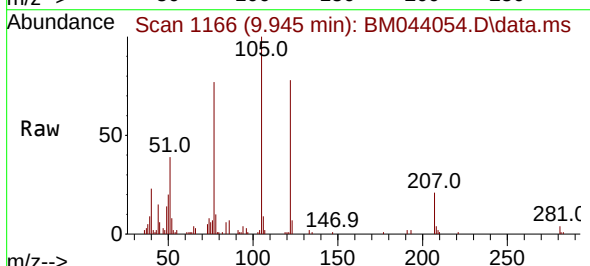
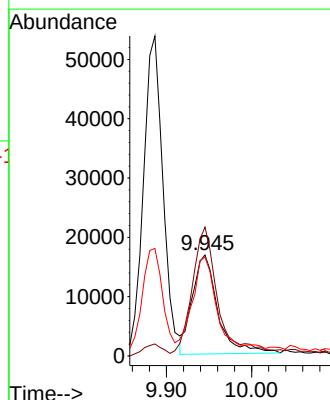
RT: 9.945 min Scan# 1166

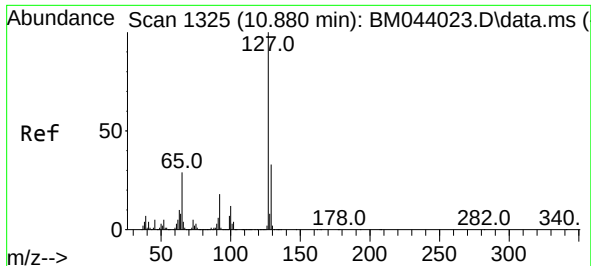
Delta R.T. -0.083 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

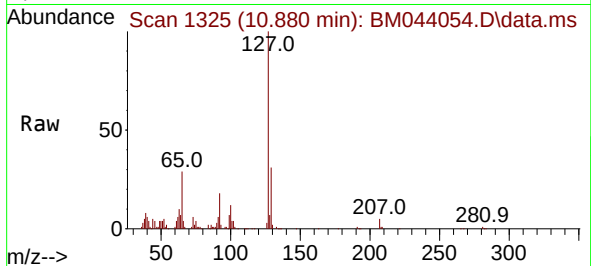
Tgt Ion:122 Resp: 34754
 Ion Ratio Lower Upper
 122 100
 105 127.4 100.1 140.1
 77 97.7 69.6 109.6





#33
4-Chloroaniline
Concen: 3.974 ng
RT: 10.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

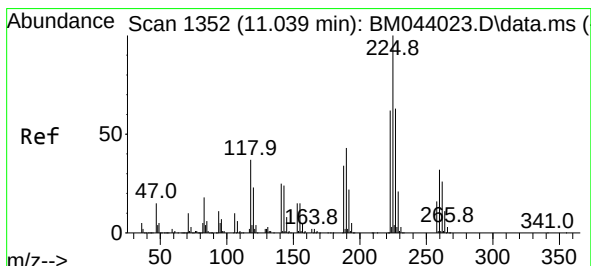
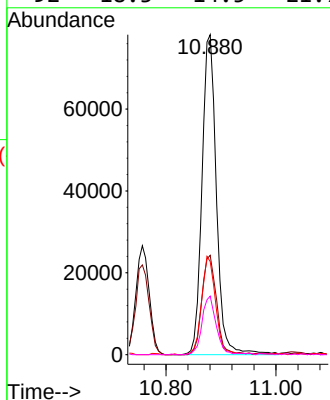
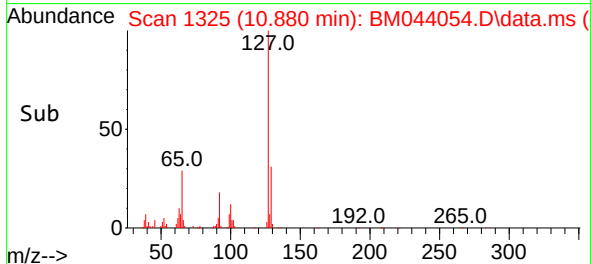
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:127 Resp: 142410
Ion Ratio Lower Upper
127 100
129 31.1 26.0 39.0
65 29.1 23.0 34.6
92 18.3 14.5 21.7

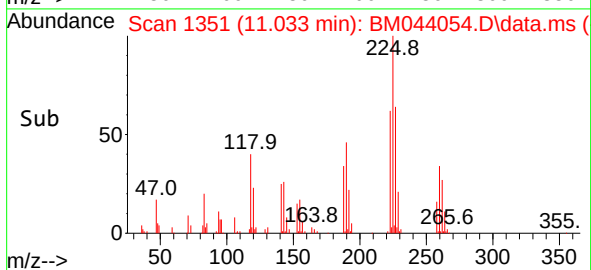
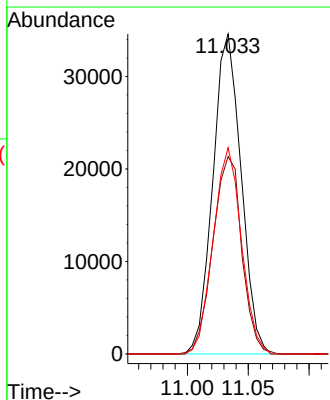
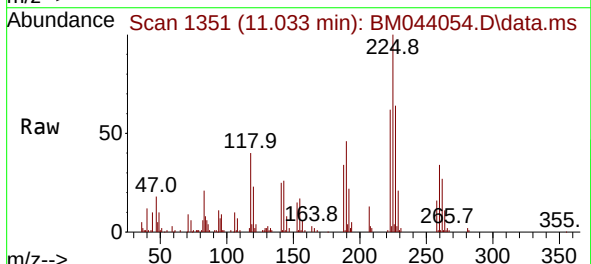
Manual Integrations
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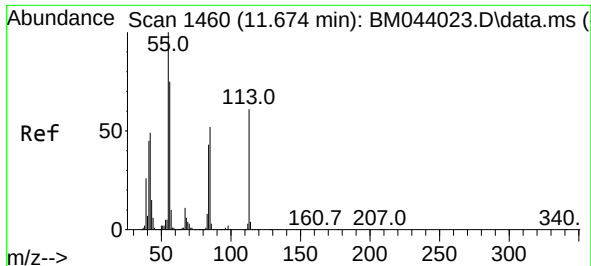
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#34
Hexachlorobutadiene
Concen: 3.353 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

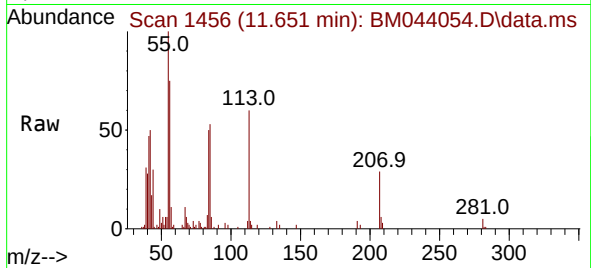
Tgt Ion:225 Resp: 55752
Ion Ratio Lower Upper
225 100
223 61.7 49.9 74.9
227 64.4 50.6 76.0





#35
Caprolactam
Concen: 2.971 ng m
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

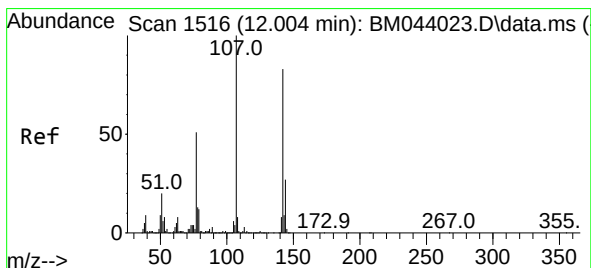
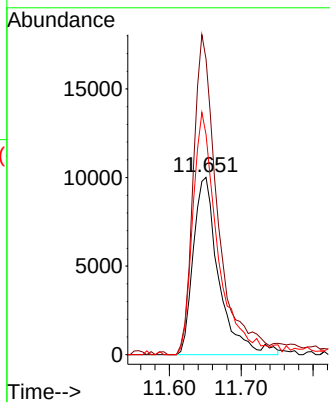
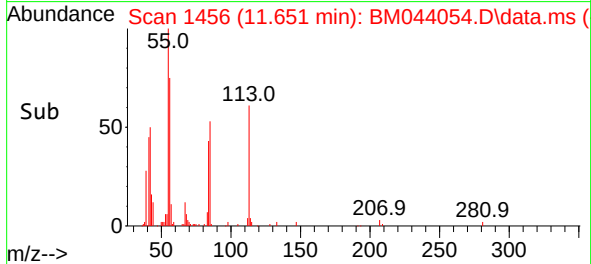
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



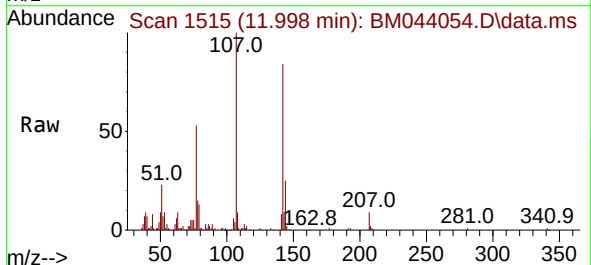
Tgt Ion:113 Resp: 2469
Ion Ratio Lower Upper
113 100
55 166.6 145.6 185.6
56 124.2 103.3 143.3

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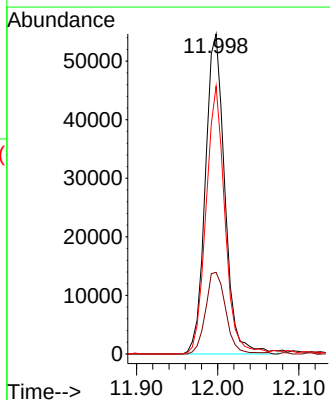
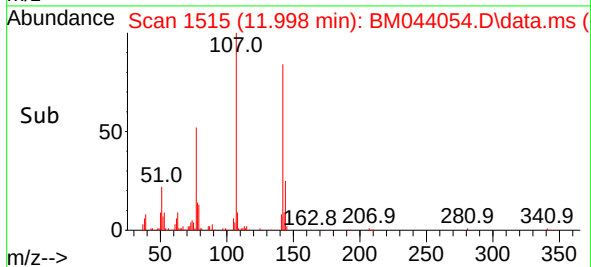
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

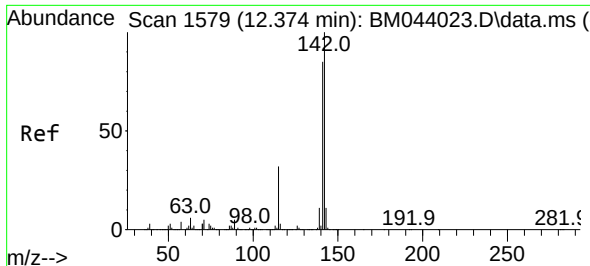


#36
4-Chloro-3-methylphenol
Concen: 3.259 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



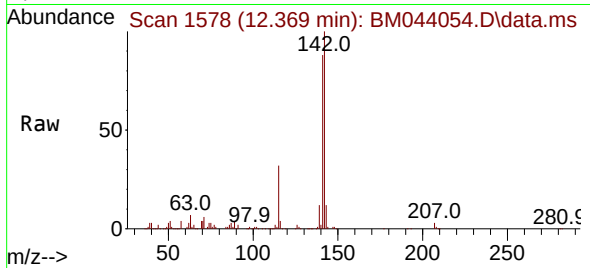
Tgt Ion:107 Resp: 91151
Ion Ratio Lower Upper
107 100
144 25.5 21.3 31.9
142 83.7 66.2 99.4





#37
2-Methylnaphthalene
Concen: 3.791 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

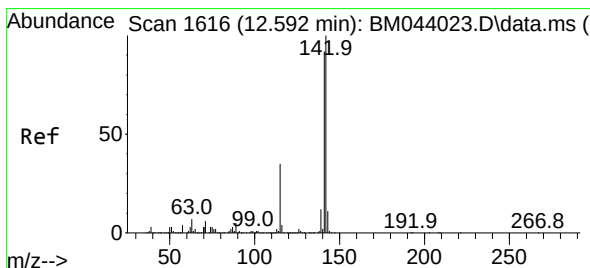
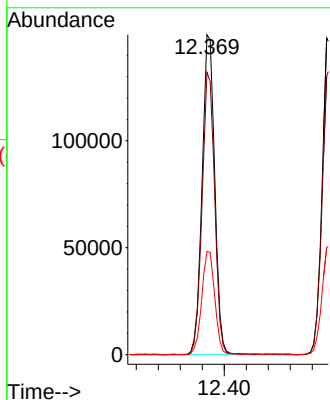
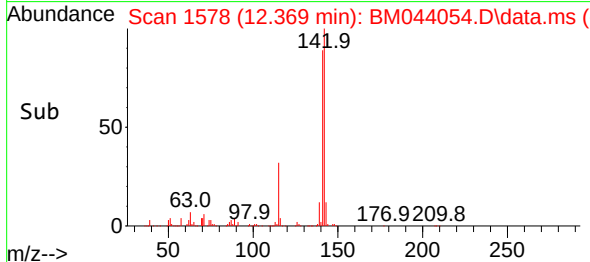
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



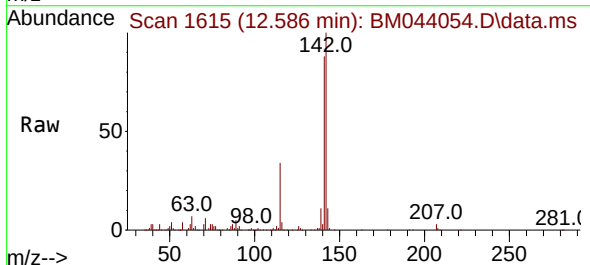
Tgt Ion:142 Resp: 239029
Ion Ratio Lower Upper
142 100
141 88.3 68.3 102.5
115 32.3 25.7 38.5

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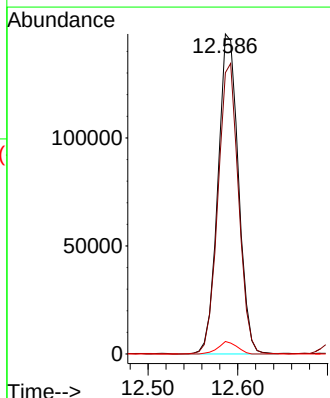
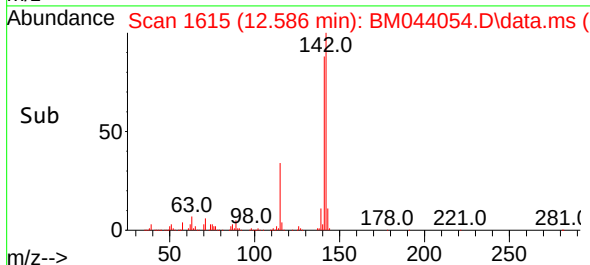
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

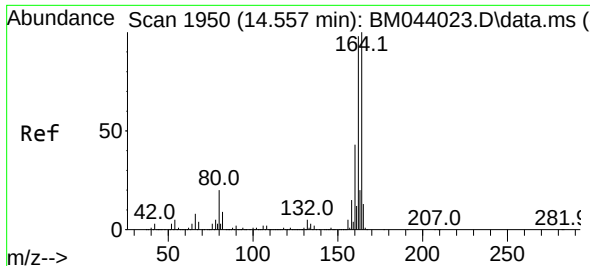


#38
1-Methylnaphthalene
Concen: 3.788 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



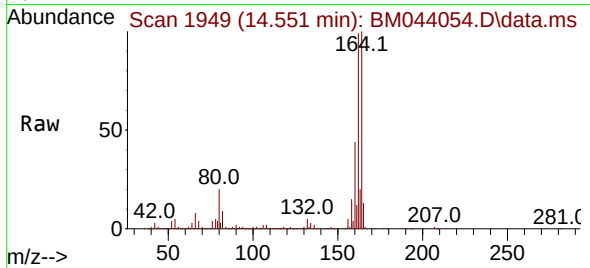
Tgt Ion:142 Resp: 234667
Ion Ratio Lower Upper
142 100
141 87.9 73.4 110.0
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

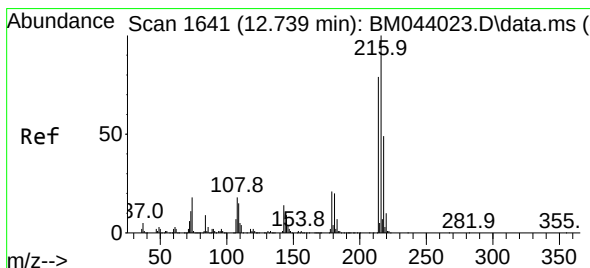
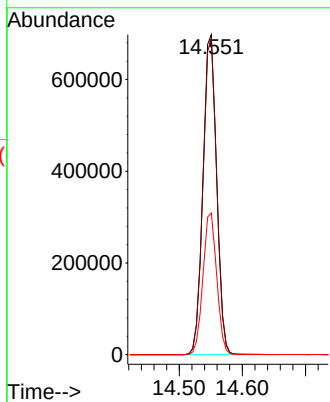
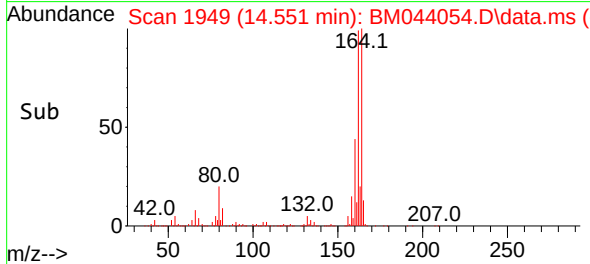
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:164 Resp: 104627
Ion Ratio Lower Upper
164 100
162 98.8 78.4 117.6
160 44.3 34.6 51.8

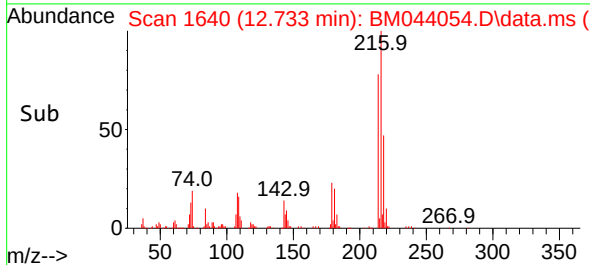
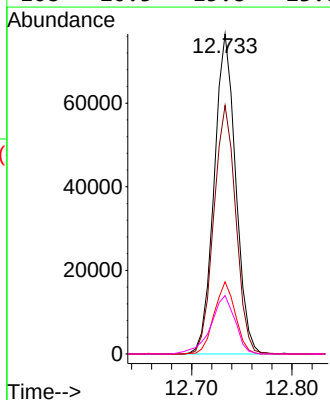
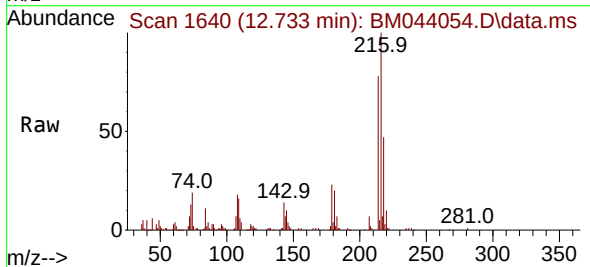
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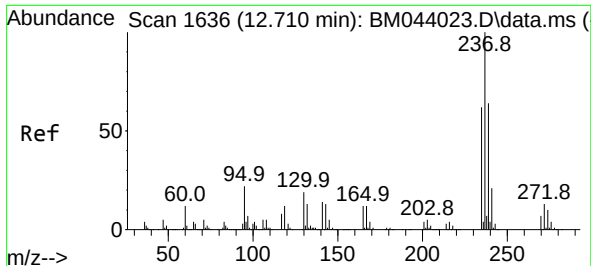
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.754 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

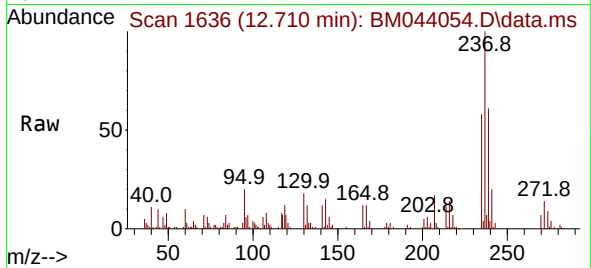
Tgt Ion:216 Resp: 114154
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 22.1 17.0 25.6
108 20.5 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 3.993 ng
RT: 12.710 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

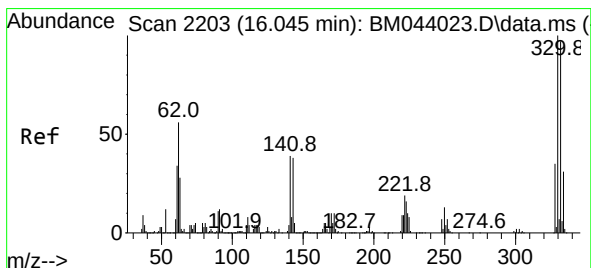
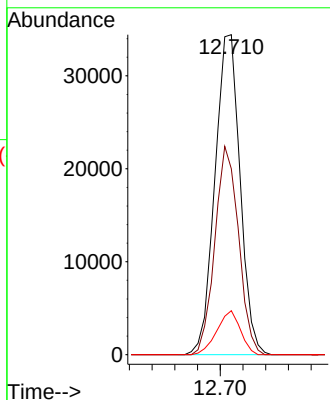
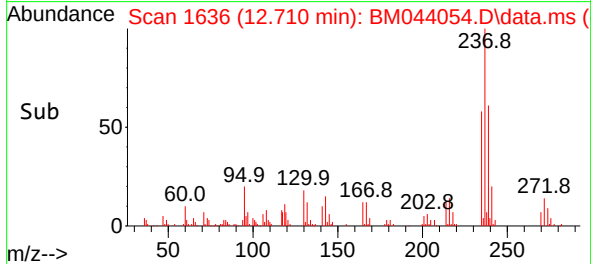
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



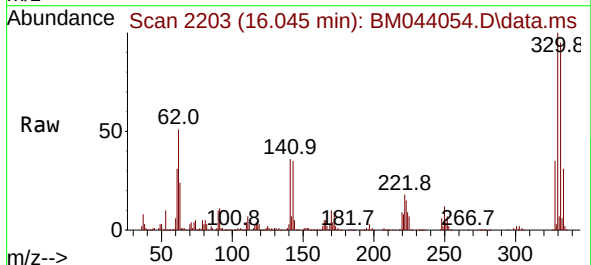
Tgt Ion: 237 Resp: 52998
Ion Ratio Lower Upper
237 100
235 58.1 42.4 82.4
272 13.7 0.0 33.3

Manual Integrations
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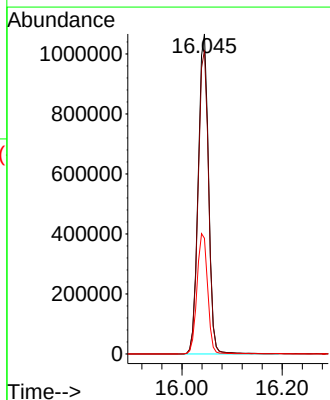
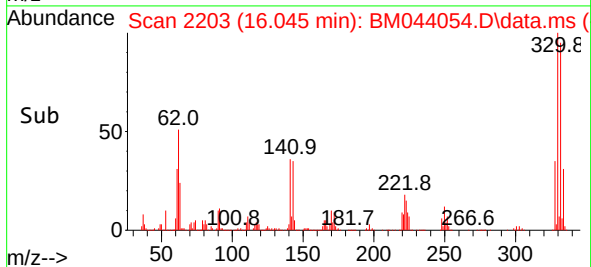
Reviewed By : Yogesh Patel 02/14/2024
Supervised By : mohammad ahmed 02/14/2024

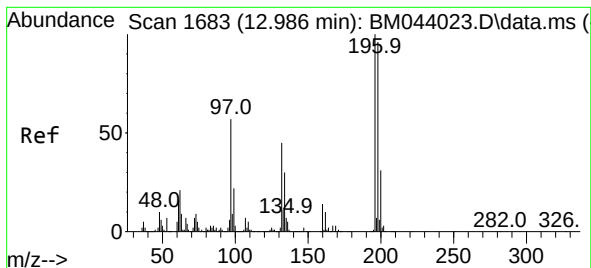


#42
2,4,6-Tribromophenol
Concen: 134.646 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



Tgt Ion: 330 Resp: 1525299
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 38.9 31.0 46.4





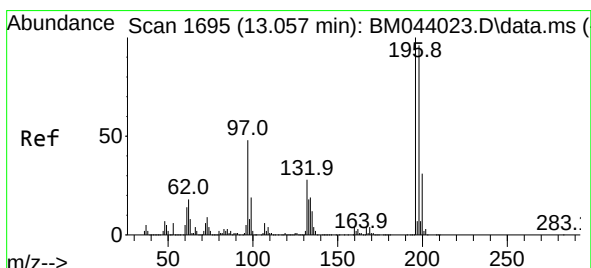
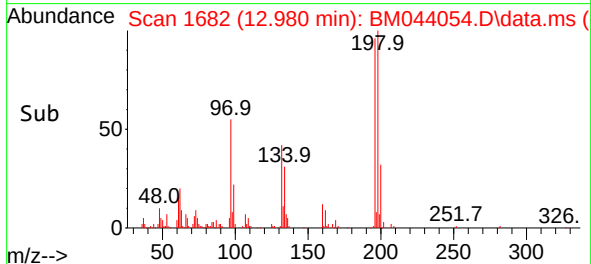
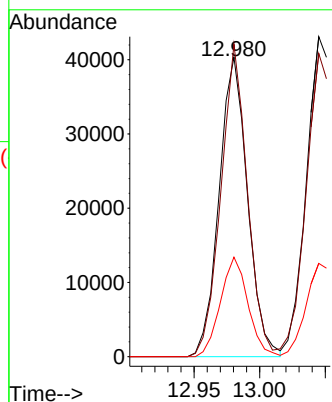
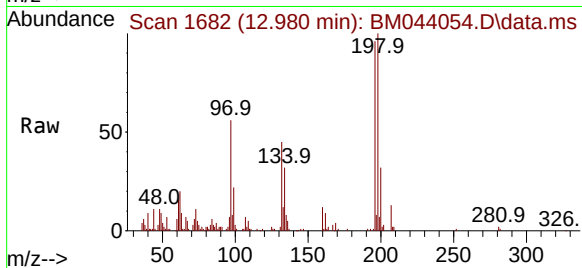
#43
2,4,6-Trichlorophenol
Concen: 2.940 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion:196 Resp: 60852
Ion Ratio Lower Upper
196 100
198 104.3 76.8 115.2
200 33.2 24.6 37.0

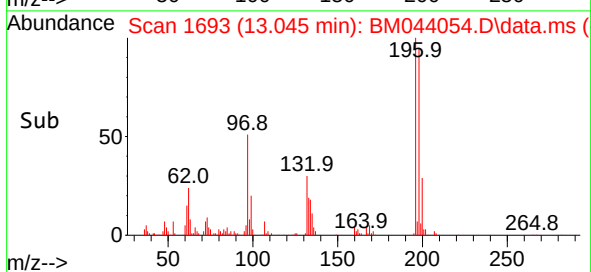
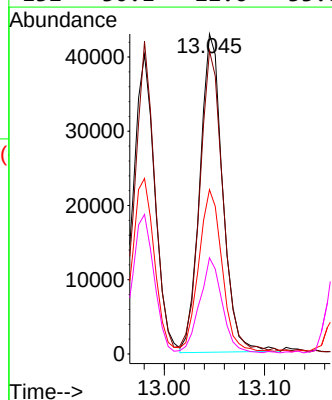
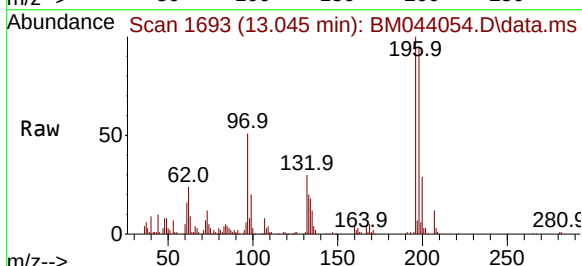
Manual Integrations
APPROVED

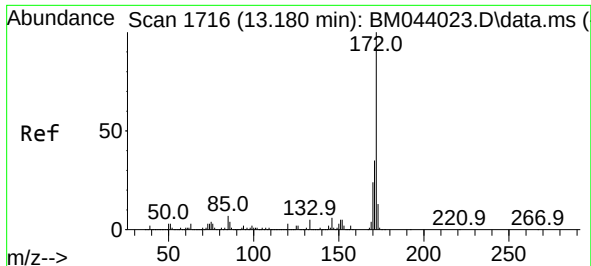
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#44
2,4,5-Trichlorophenol
Concen: 2.992 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

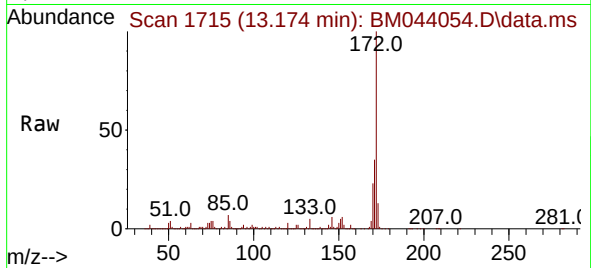
Tgt Ion:196 Resp: 67945
Ion Ratio Lower Upper
196 100
198 94.7 76.9 115.3
97 51.4 39.0 58.4
132 30.1 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 78.948 ng
RT: 13.174 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

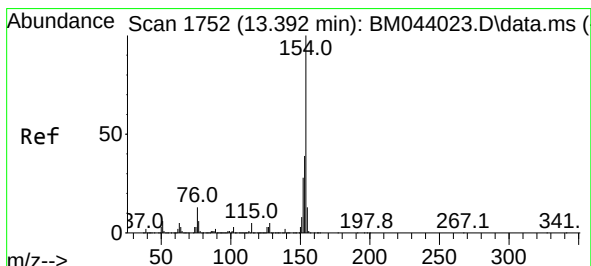
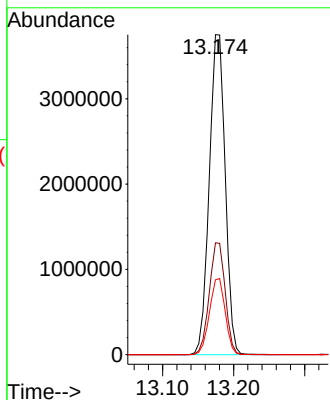
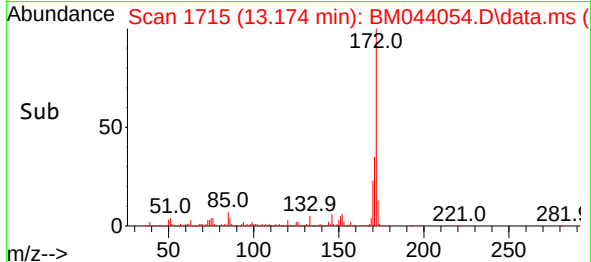
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:172 Resp: 5852748
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 19.0 28.4

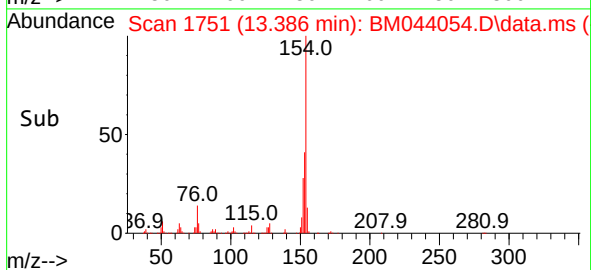
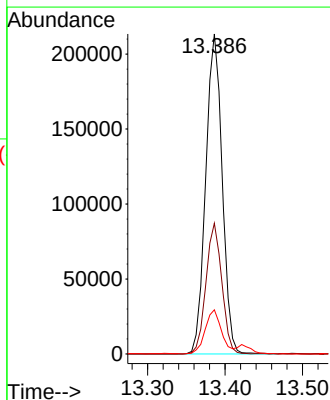
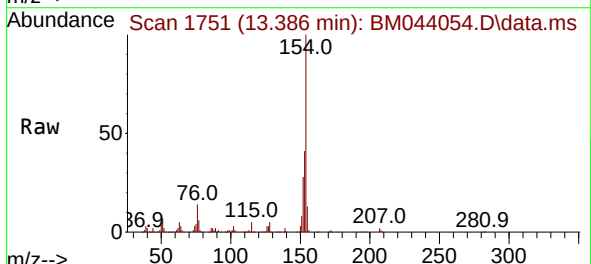
Manual Integrations
APPROVED

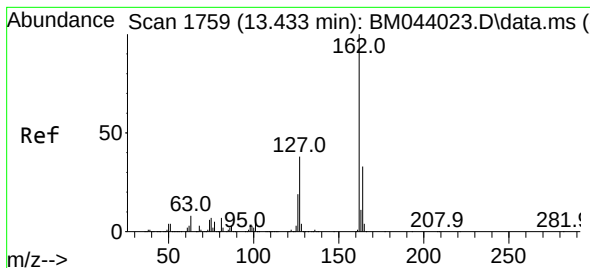
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#46
1,1'-Biphenyl
Concen: 3.814 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

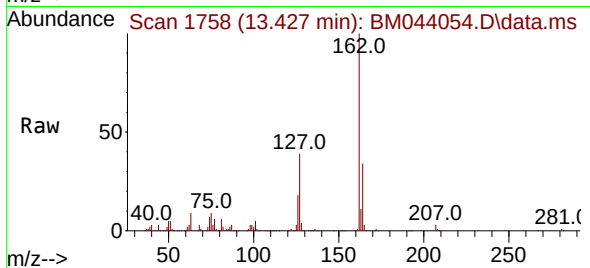
Tgt Ion:154 Resp: 314896
Ion Ratio Lower Upper
154 100
153 40.8 19.4 59.4
76 13.8 0.0 32.9





#47
2-Chloronaphthalene
Concen: 3.624 ng
RT: 13.427 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

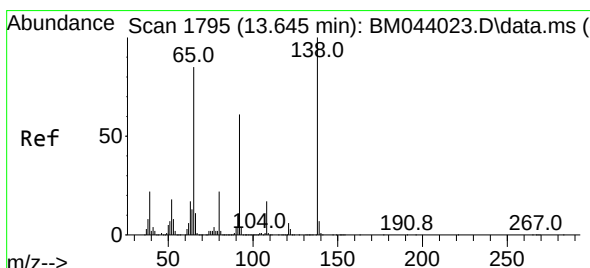
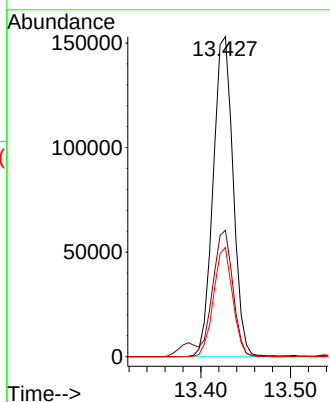
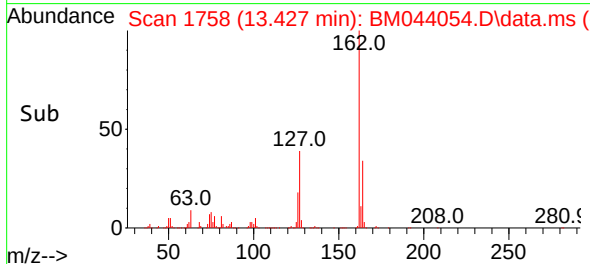
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



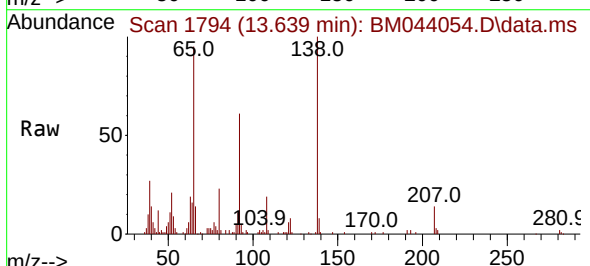
Tgt Ion:162 Resp: 237029
Ion Ratio Lower Upper
162 100
127 39.5 30.9 46.3
164 34.1 26.4 39.6

Manual Integrations
APPROVED

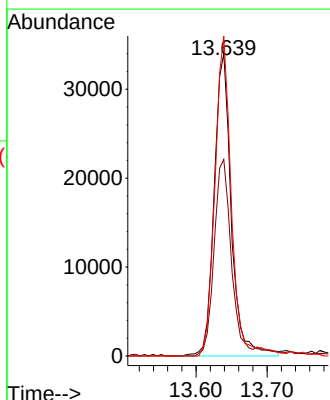
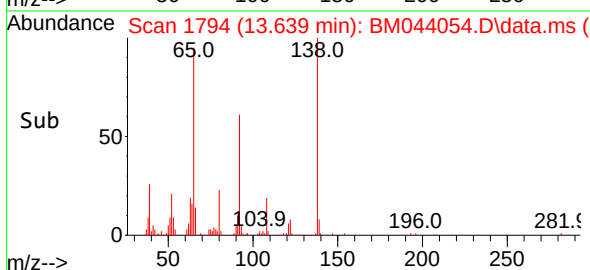
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

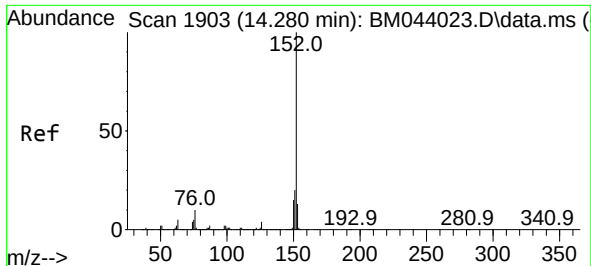


#48
2-Nitroaniline
Concen: 3.082 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



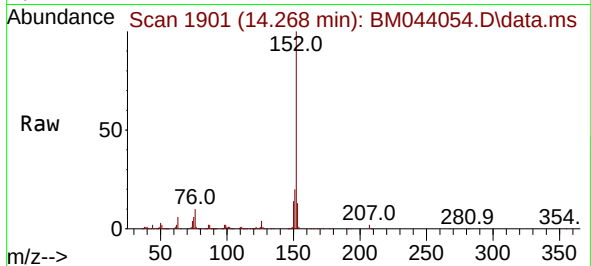
Tgt Ion: 65 Resp: 56707
Ion Ratio Lower Upper
65 100
92 64.9 58.1 87.1
138 105.8 94.6 142.0





#49
Acenaphthylene
Concen: 3.836 ng
RT: 14.268 min Scan# 1903
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

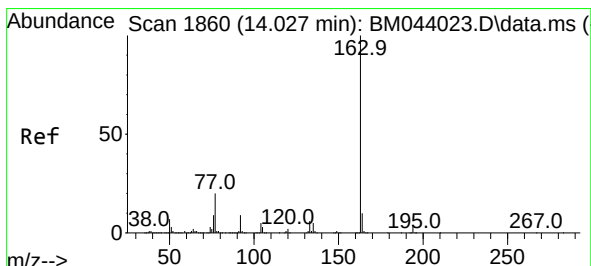
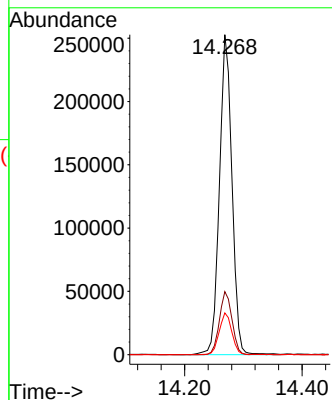
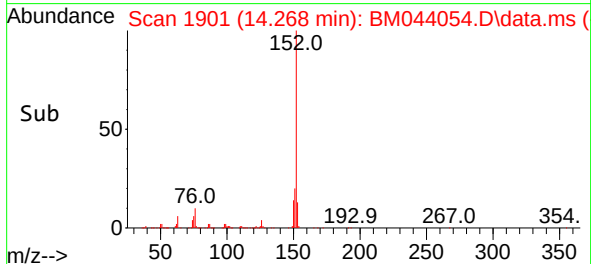
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



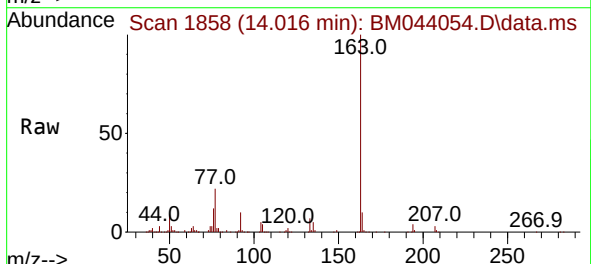
Tgt Ion:152 Resp: 37423
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.0 10.5 15.7

Manual Integrations
APPROVED

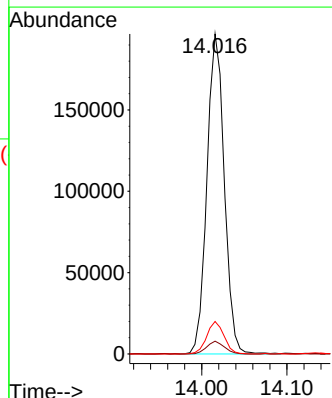
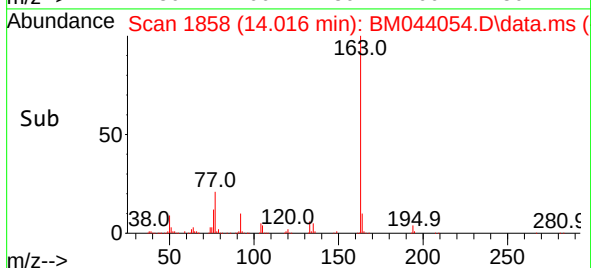
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

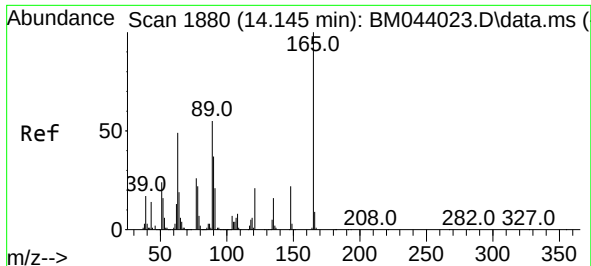


#50
Dimethylphthalate
Concen: 3.594 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



Tgt Ion:163 Resp: 278777
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2





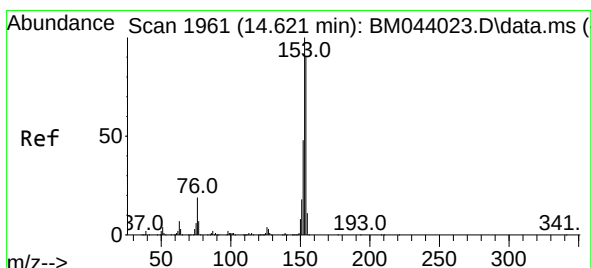
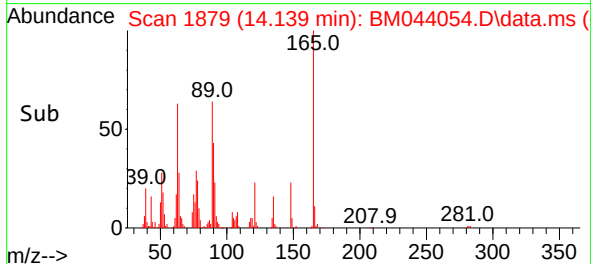
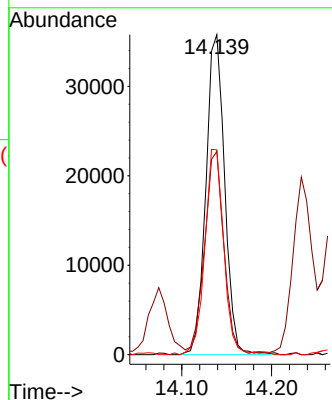
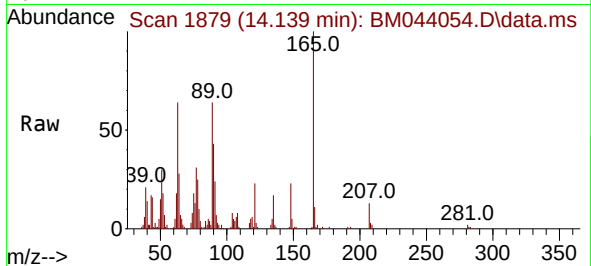
#51
2,6-Dinitrotoluene
Concen: 3.040 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:165 Resp: 52028
Ion Ratio Lower Upper
165 100
63 63.5 43.5 65.3
89 64.0 44.4 66.6

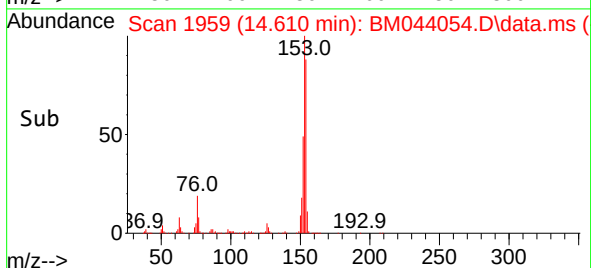
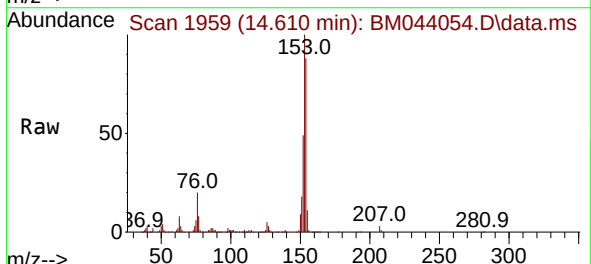
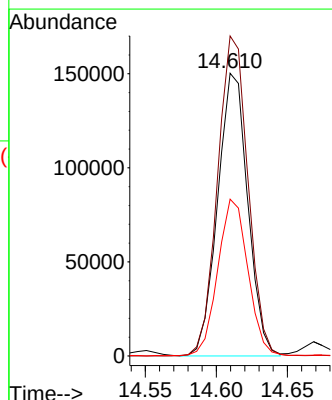
Manual Integrations
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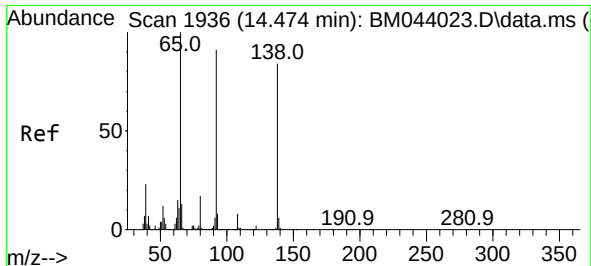
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#52
Acenaphthene
Concen: 3.678 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:154 Resp: 222064
Ion Ratio Lower Upper
154 100
153 113.2 89.3 133.9
152 55.4 43.0 64.6





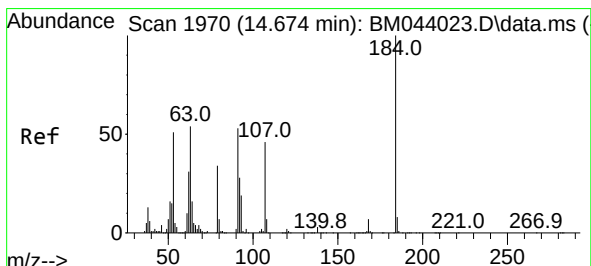
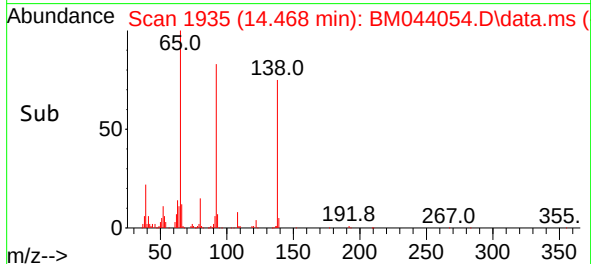
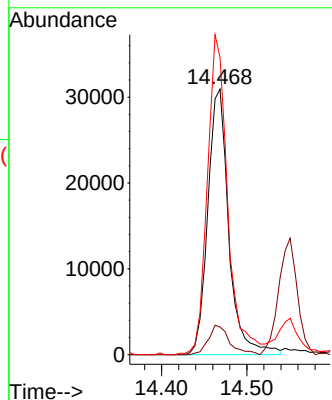
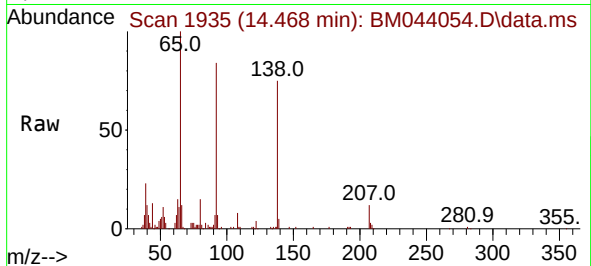
#53
3-Nitroaniline
Concen: 2.875 ng
RT: 14.468 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion:138 Resp: 5287
Ion Ratio Lower Upper
138 100
108 10.4 7.6 11.4
92 111.9 86.5 129.7

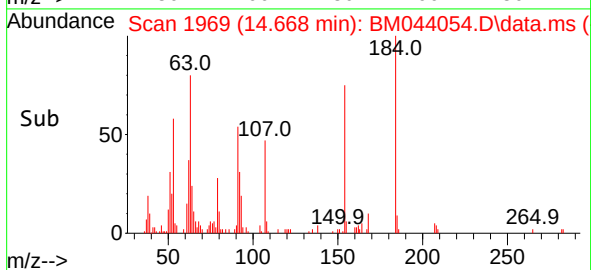
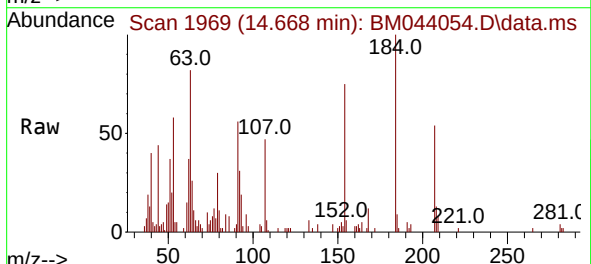
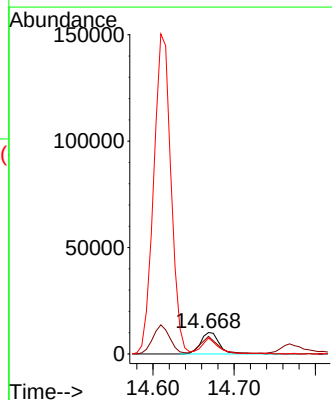
Manual Integrations
APPROVED

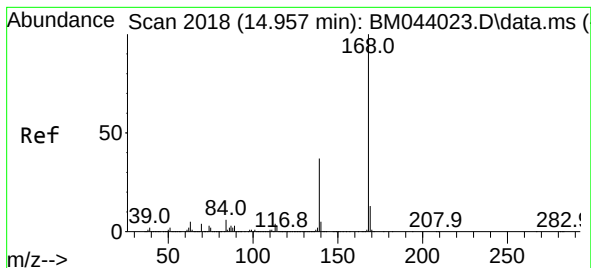
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#54
2,4-Dinitrophenol
Concen: 7.057 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:184 Resp: 16231
Ion Ratio Lower Upper
184 100
63 81.8 55.4 83.2
154 74.8 49.2 73.8#





#55

Dibenzofuran

Concen: 3.879 ng

RT: 14.951 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BM044054.D

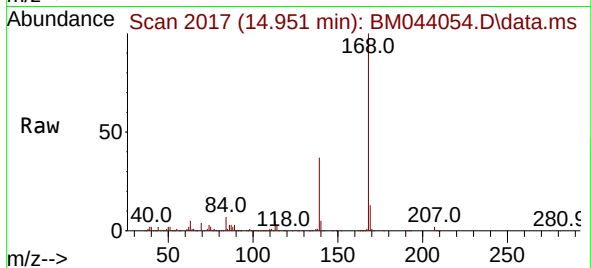
Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:168 Resp: 362579

Ion Ratio Lower Upper

168 100

139 37.0 29.6 44.4

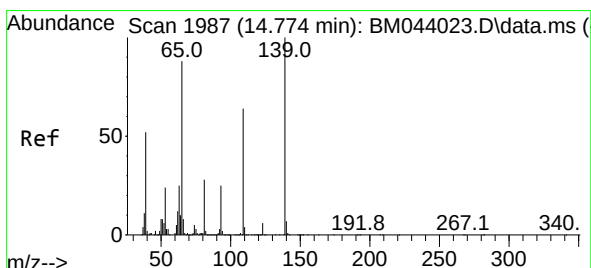
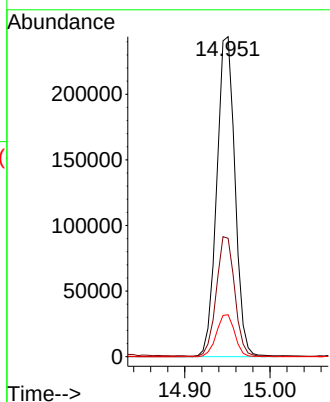
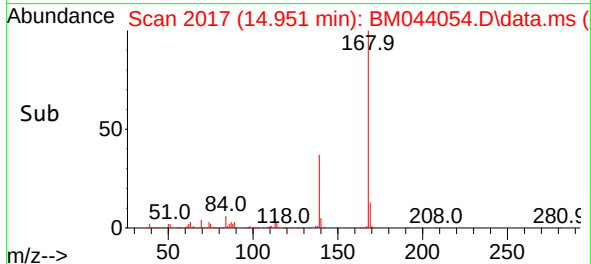
169 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#56

4-Nitrophenol

Concen: 2.310 ng

RT: 14.768 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

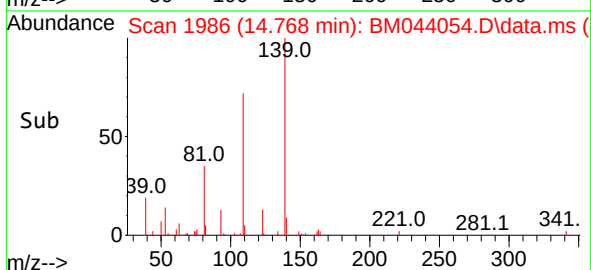
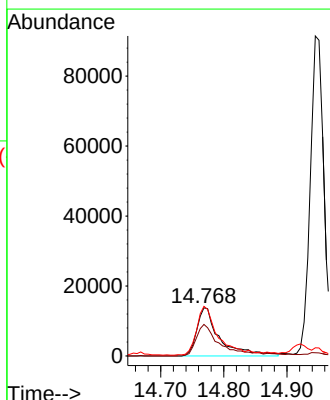
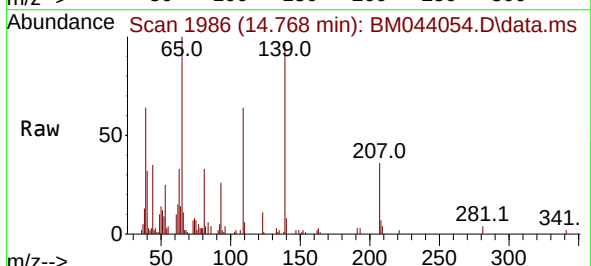
Tgt Ion:139 Resp: 34547

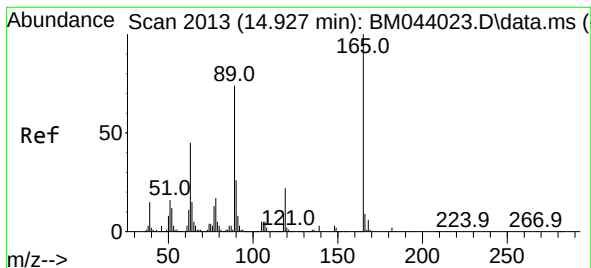
Ion Ratio Lower Upper

139 100

109 65.5 43.8 83.8

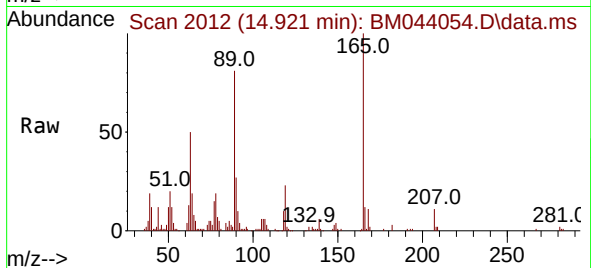
65 103.1 67.7 107.7





#57
2,4-Dinitrotoluene
Concen: 2.671 ng
RT: 14.921 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

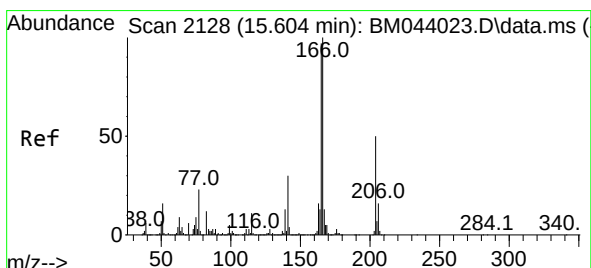
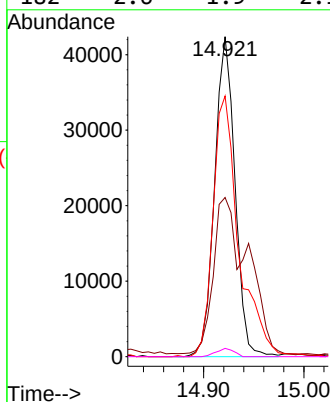
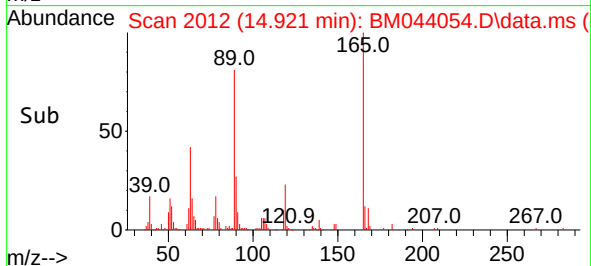
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:165 Resp: 5974
Ion Ratio Lower Upper
165 100
63 49.7 35.9 53.9
89 81.4 58.9 88.3
182 2.6 1.9 2.9

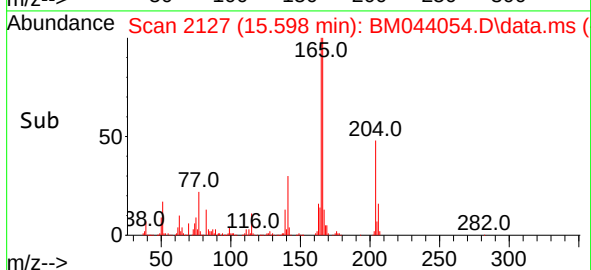
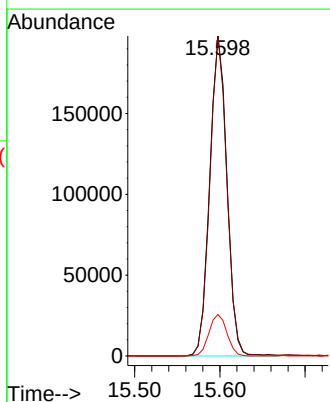
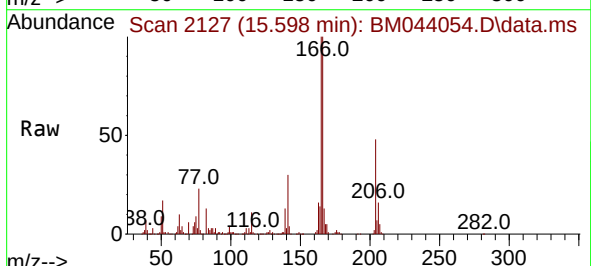
Manual Integrations
APPROVED

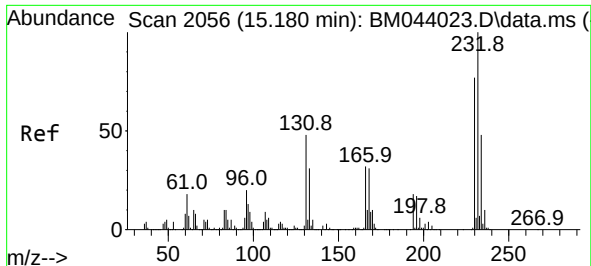
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#58
Fluorene
Concen: 3.847 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:166 Resp: 277836
Ion Ratio Lower Upper
166 100
165 99.9 77.7 116.5
167 13.0 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.271 ng

RT: 15.174 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BM044054.D

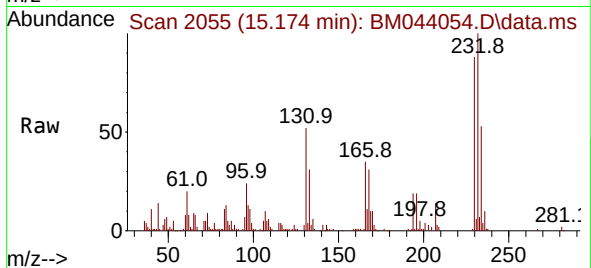
Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:232 Resp: 58304

Ion Ratio Lower Upper

232 100

131 54.6 39.5 59.3

130 2.2 2.0 3.0

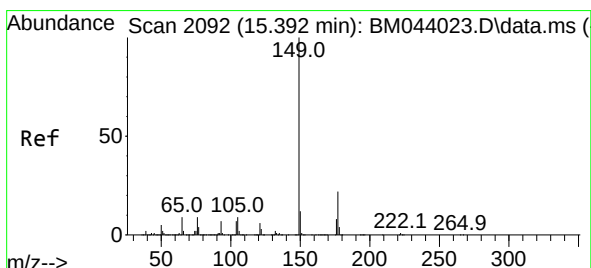
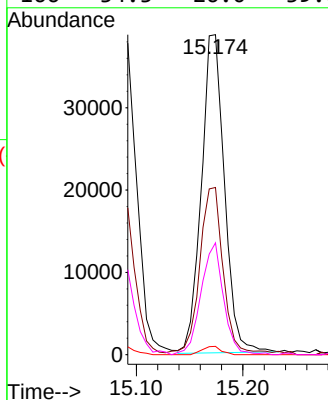
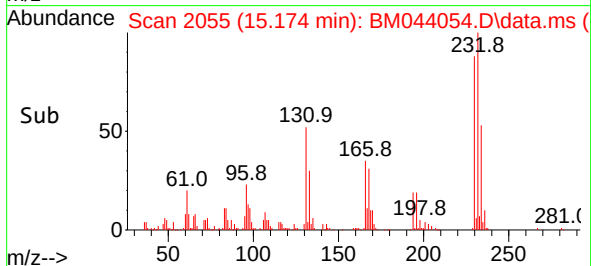
166 34.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#60

Diethylphthalate

Concen: 3.375 ng

RT: 15.380 min Scan# 2090

Delta R.T. -0.012 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

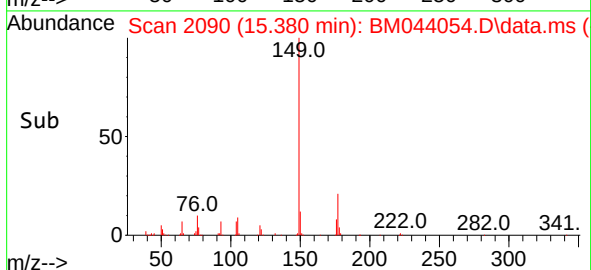
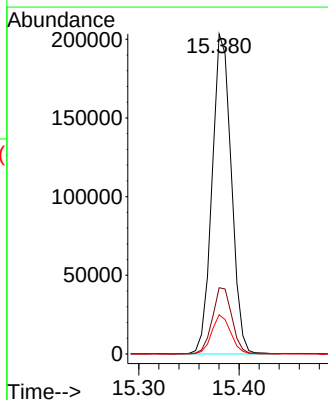
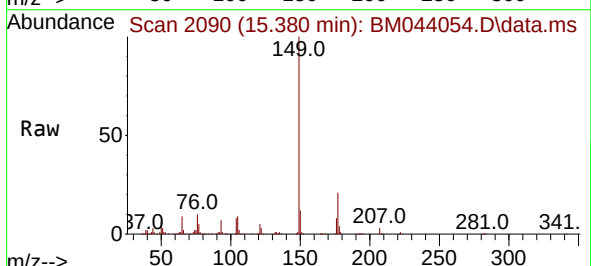
Tgt Ion:149 Resp: 270592

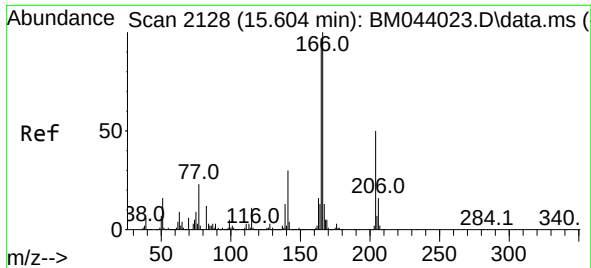
Ion Ratio Lower Upper

149 100

177 20.7 17.5 26.3

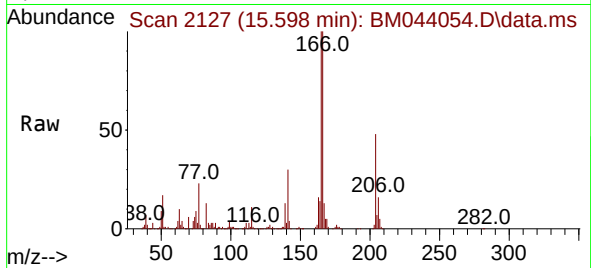
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 3.787 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

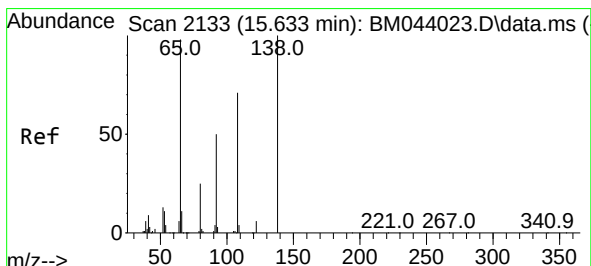
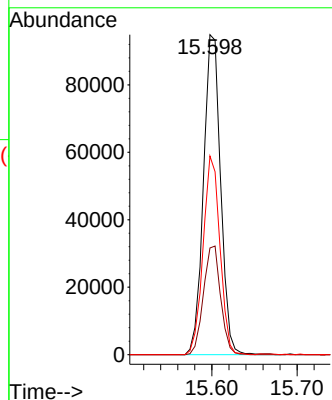
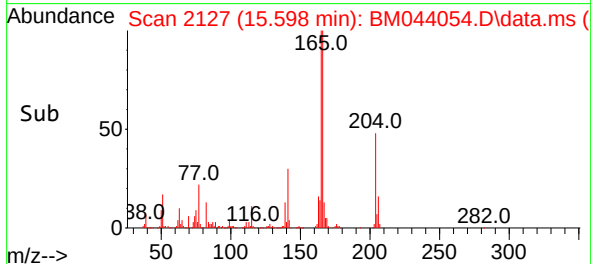
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:204 Resp: 13252
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 62.1 47.7 71.5

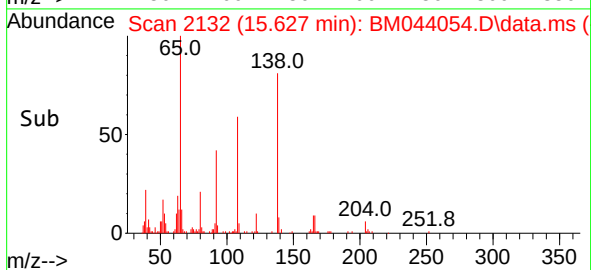
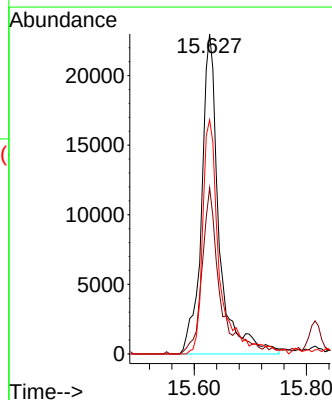
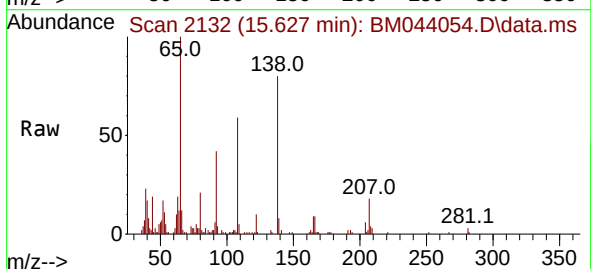
Manual Integrations
APPROVED

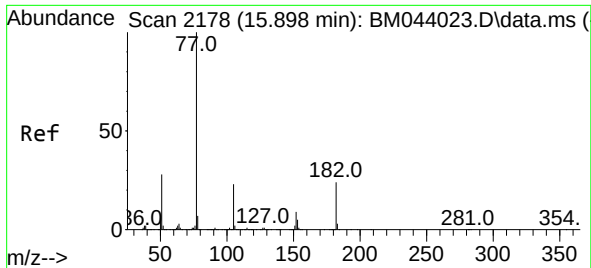
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 2.687 ng m
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

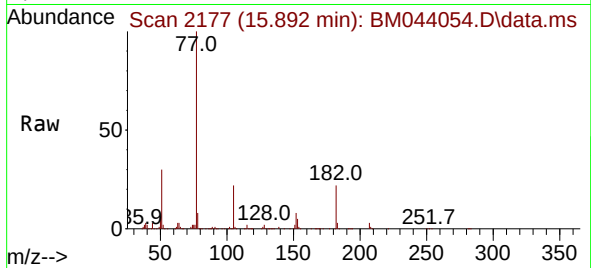
Tgt Ion:138 Resp: 49748
Ion Ratio Lower Upper
138 100
92 51.9 29.6 69.6
108 73.2 47.8 87.8





#63
Azobenzene
Concen: 3.478 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

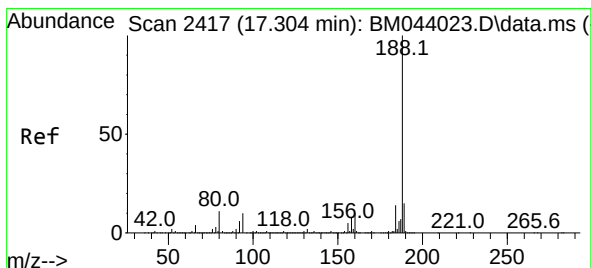
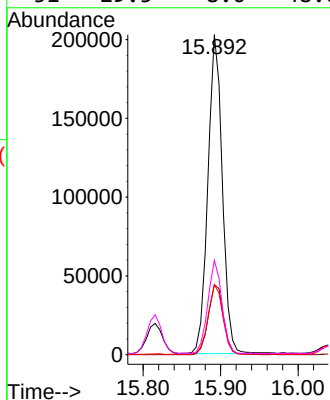
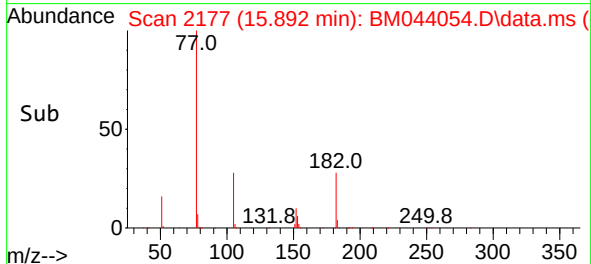
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 77 Resp: 261620
Ion Ratio Lower Upper
77 100
182 21.8 4.0 44.0
105 21.9 3.3 43.3
51 29.5 8.0 48.0

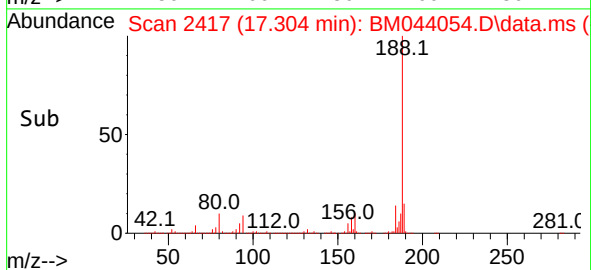
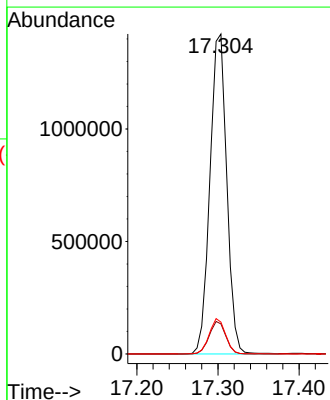
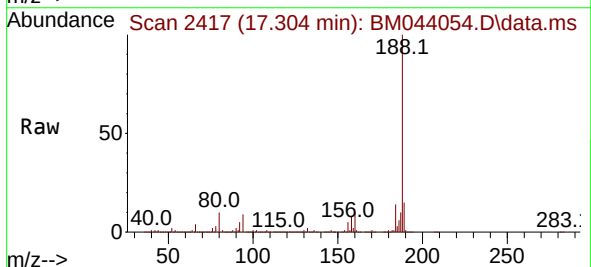
Manual Integrations
APPROVED

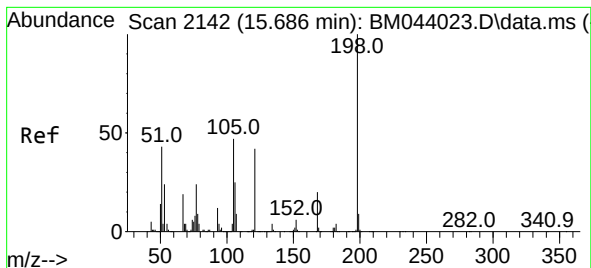
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:188 Resp: 2046600
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.0 8.8 13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 2.067 ng

RT: 15.680 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

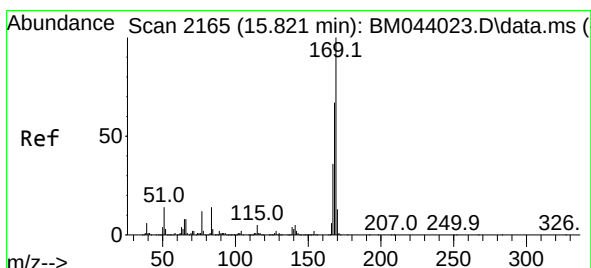
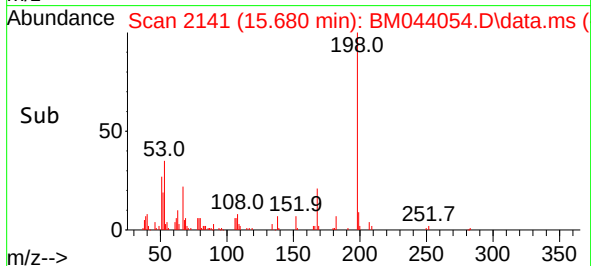
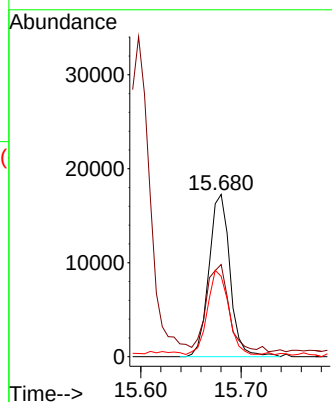
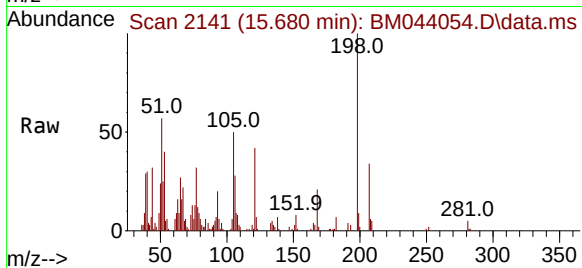
Tgt Ion:198	Resp:	2520
Ion Ratio	Lower	Upper
198	100	
51	56.8	29.9 69.9
105	49.5	28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#66

n-Nitrosodiphenylamine

Concen: 3.626 ng

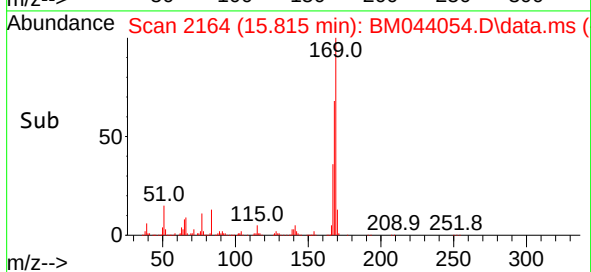
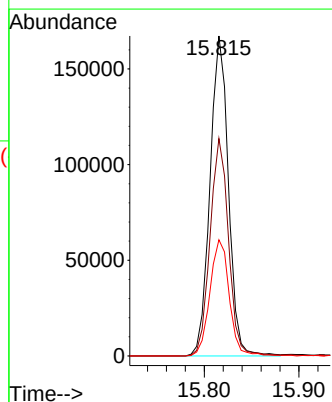
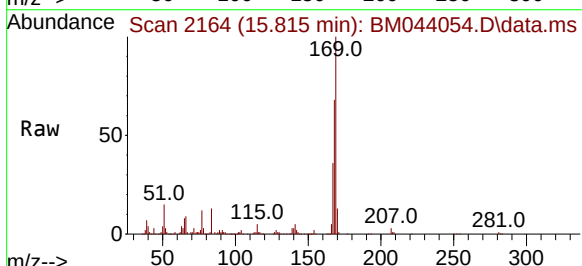
RT: 15.815 min Scan# 2164

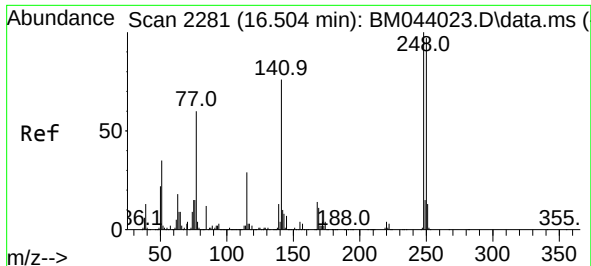
Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

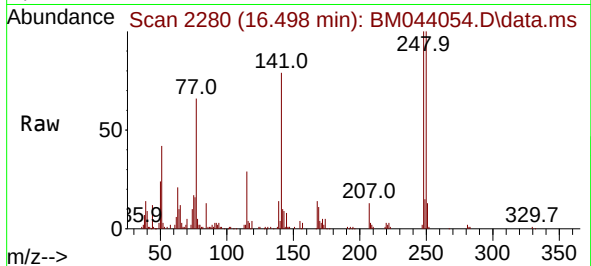
Tgt Ion:169	Resp:	225477
Ion Ratio	Lower	Upper
169	100	
168	67.9	53.8 80.8
167	36.3	29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 3.260 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

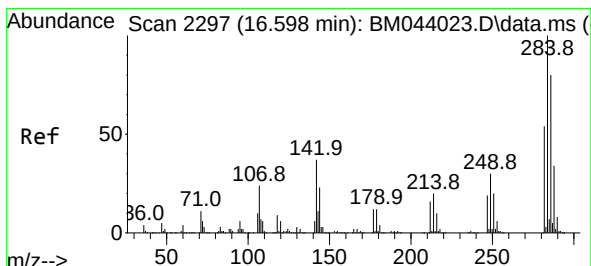
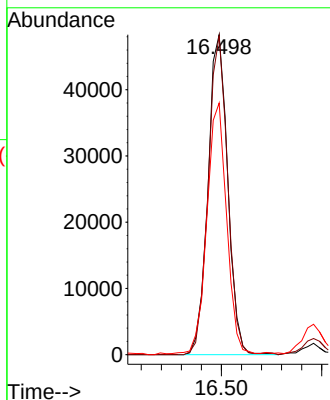
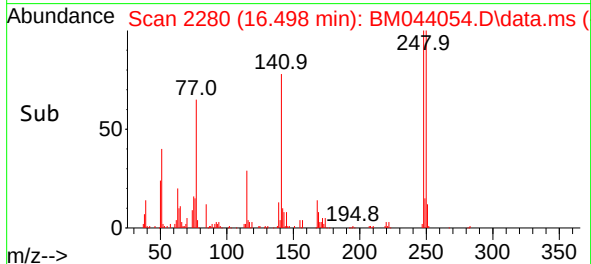
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



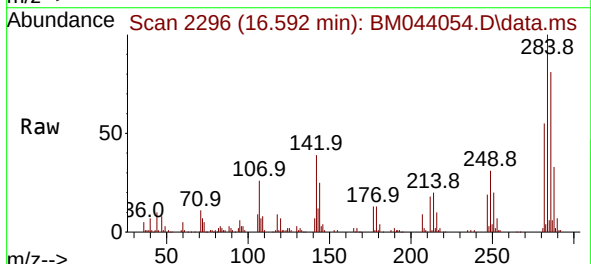
Tgt Ion:248 Resp: 6597
Ion Ratio Lower Upper
248 100
250 99.6 77.4 116.2
141 78.7 61.0 91.6

Manual Integrations
APPROVED

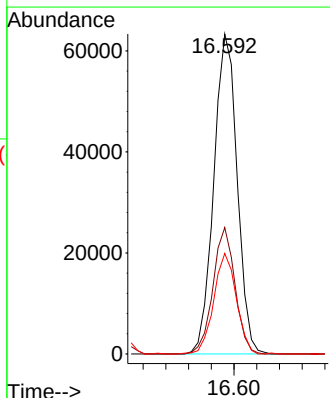
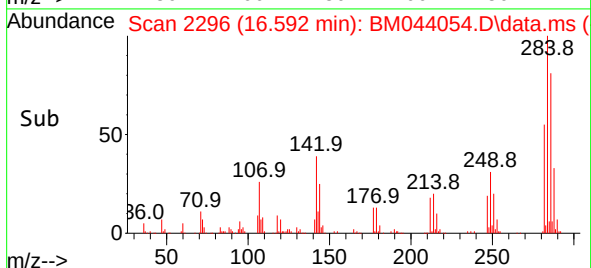
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

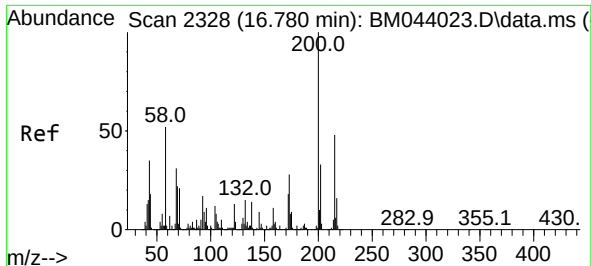


#68
Hexachlorobenzene
Concen: 3.646 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29



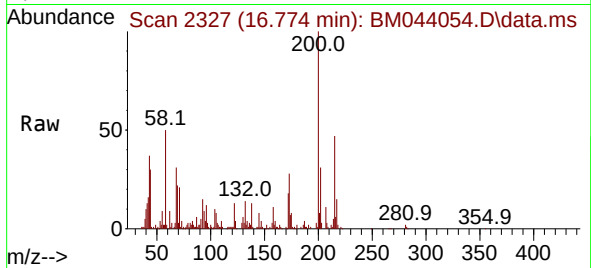
Tgt Ion:284 Resp: 90363
Ion Ratio Lower Upper
284 100
142 39.5 30.0 45.0
249 31.4 24.1 36.1





#69
Atrazine
Concen: 4.092 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

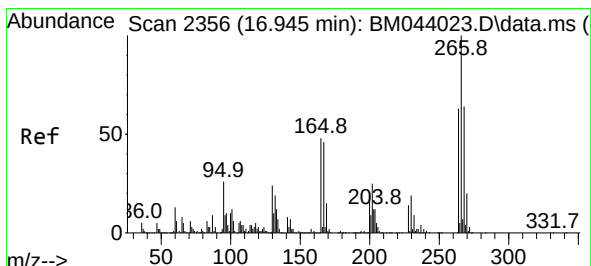
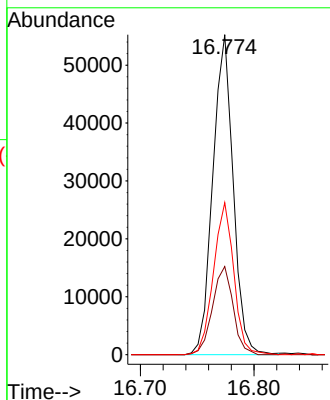
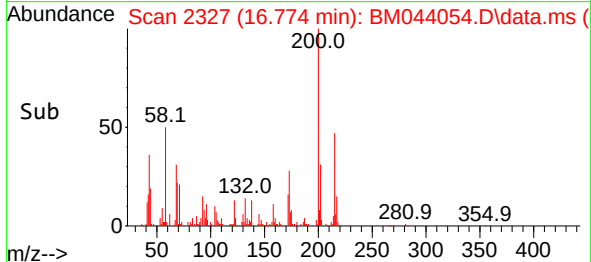
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:200 Resp: 6889
Ion Ratio Lower Upper
200 100
173 27.5 7.9 47.9
215 47.5 27.9 67.9

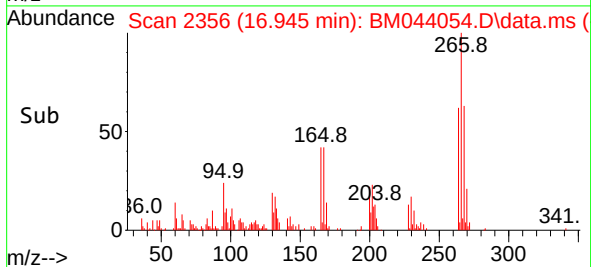
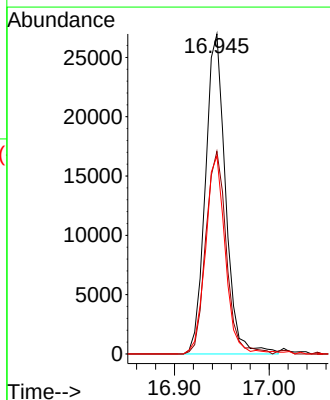
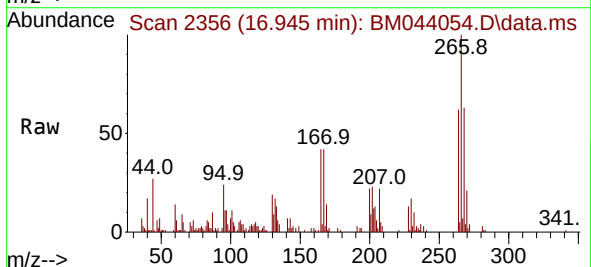
Manual Integrations
APPROVED

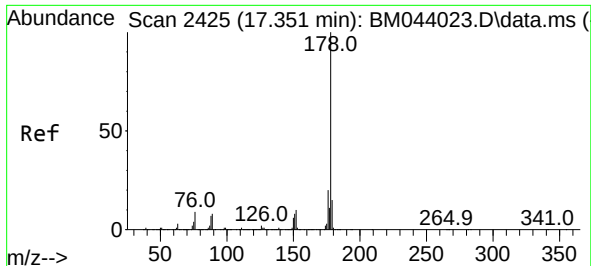
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#70
Pentachlorophenol
Concen: 2.474 ng
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

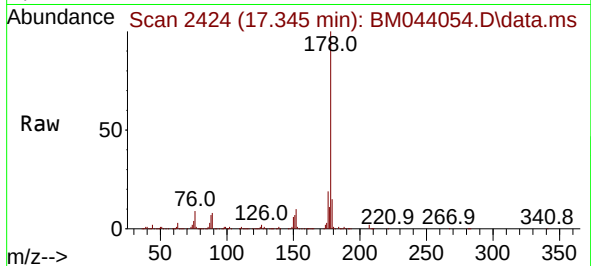
Tgt Ion:266 Resp: 39900
Ion Ratio Lower Upper
266 100
268 63.3 51.1 76.7
264 61.9 50.5 75.7





#71
Phenanthrene
Concen: 3.976 ng
RT: 17.345 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

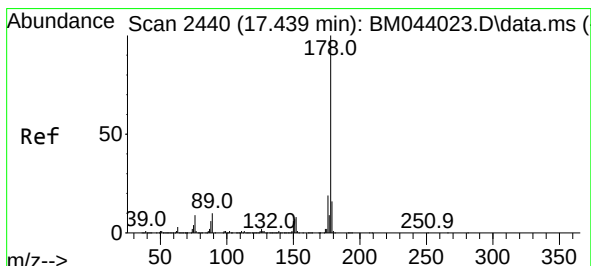
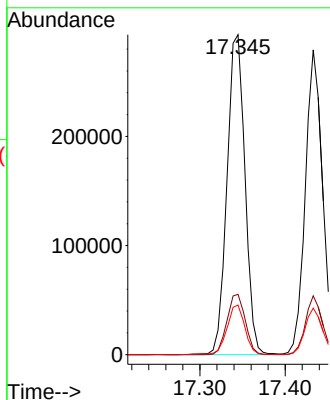
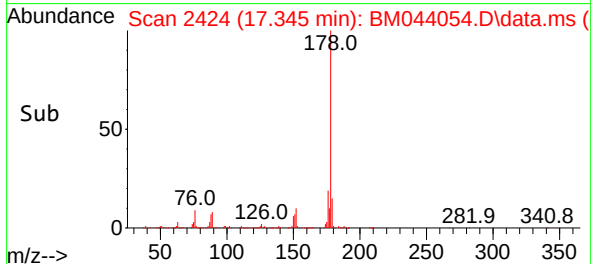
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:178 Resp: 42973
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.5 12.2 18.4

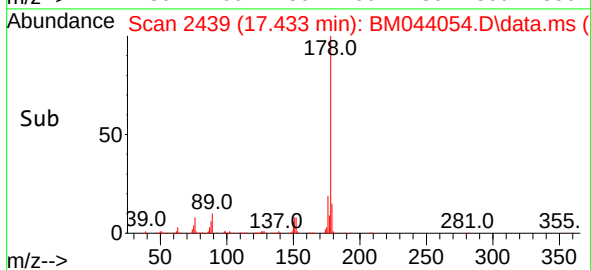
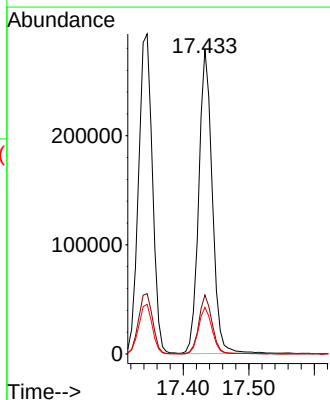
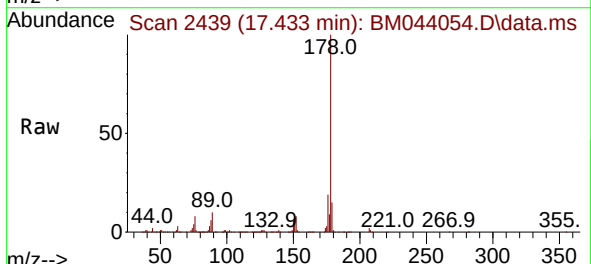
Manual Integrations
APPROVED

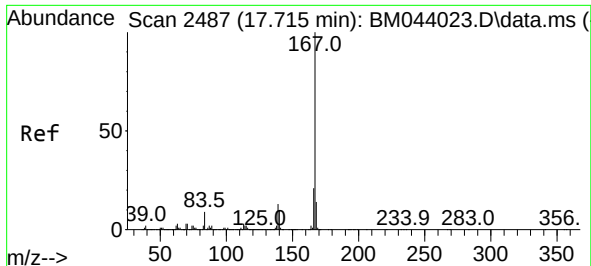
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#72
Anthracene
Concen: 3.729 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

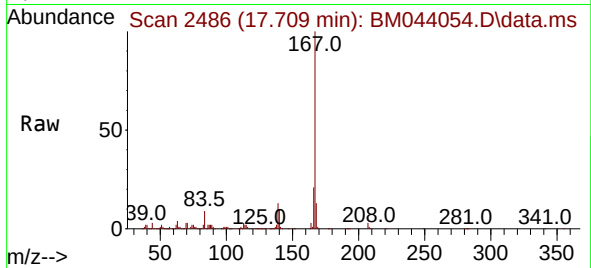
Tgt Ion:178 Resp: 398995
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 3.522 ng
 RT: 17.709 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

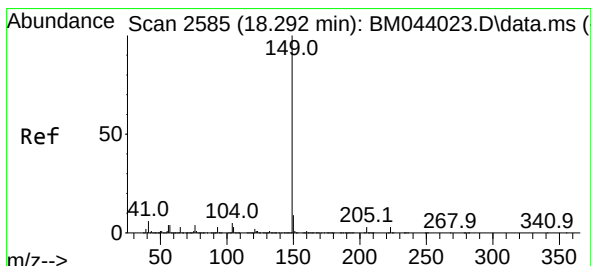
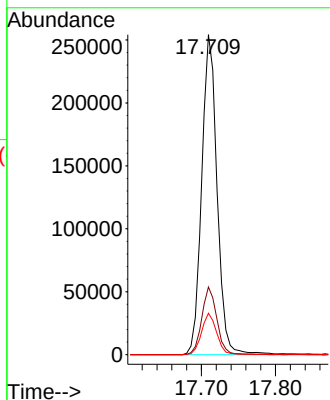
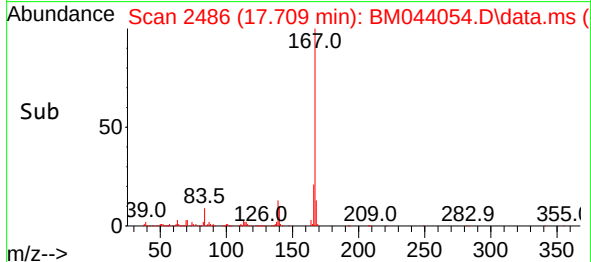
Instrument : BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023



Tgt Ion:167 Resp: 366493
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.8 25.2
 139 13.0 10.4 15.6

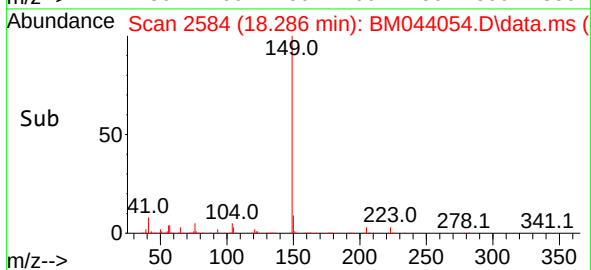
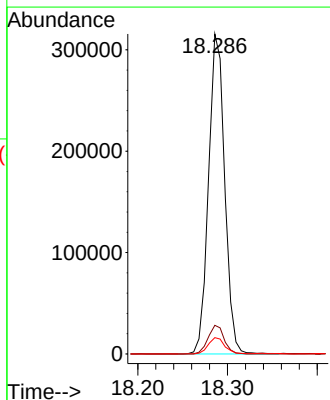
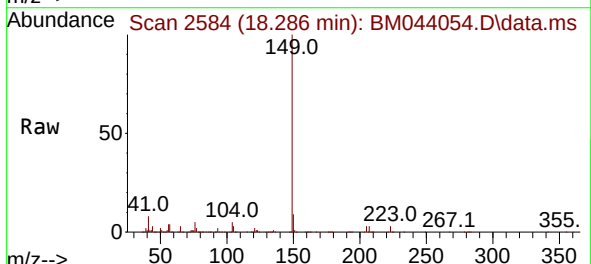
Manual Integrations
 APPROVED

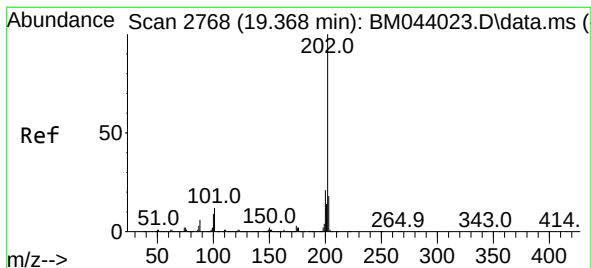
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#74
 Di-n-butylphthalate
 Concen: 2.917 ng
 RT: 18.286 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

Tgt Ion:149 Resp: 394496
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 3.8 5.6





#75

Fluoranthene

Concen: 3.574 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

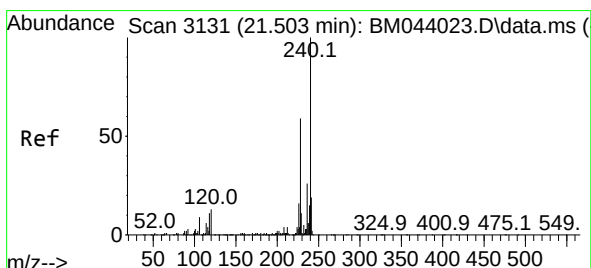
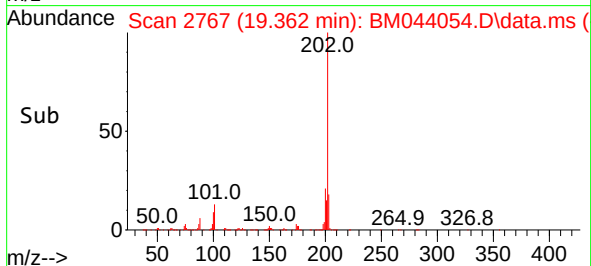
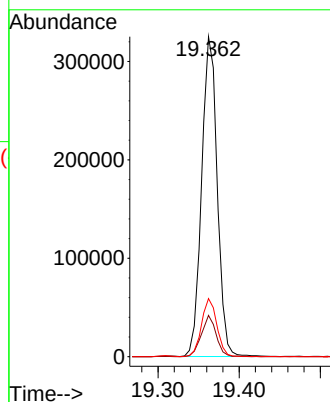
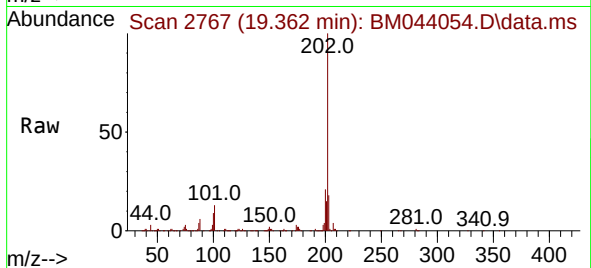
Tgt Ion:202 Resp: 433890
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 32.4
 203 18.1 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#76

Chrysene-d12

Concen: 20.000 ng

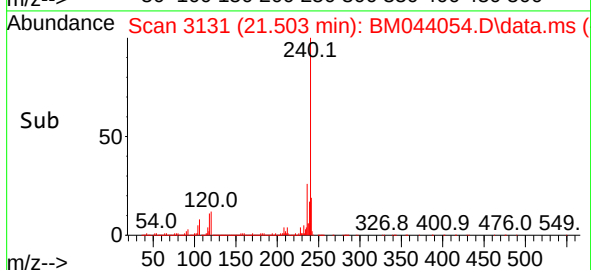
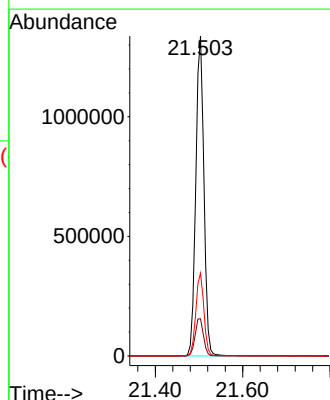
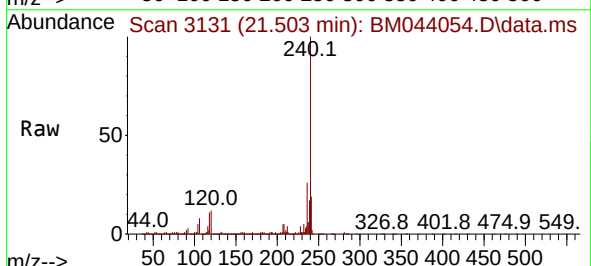
RT: 21.503 min Scan# 3131

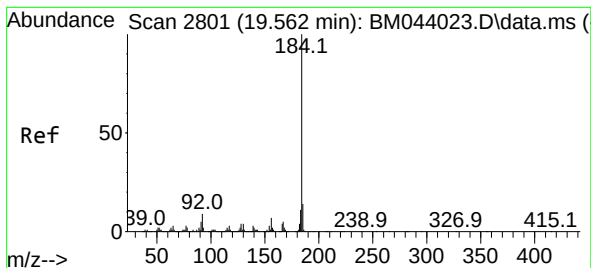
Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Tgt Ion:240 Resp: 1734146
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.1 15.1
 236 25.9 20.6 31.0





#77

Benzidine

Concen: 3.653 ng

RT: 19.562 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM044054.D

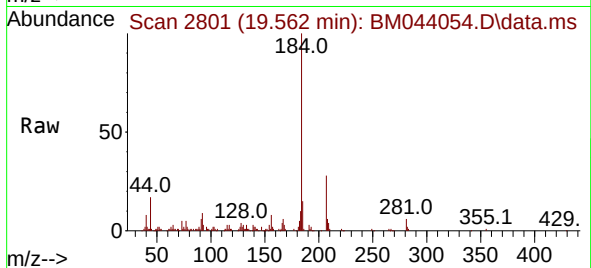
Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



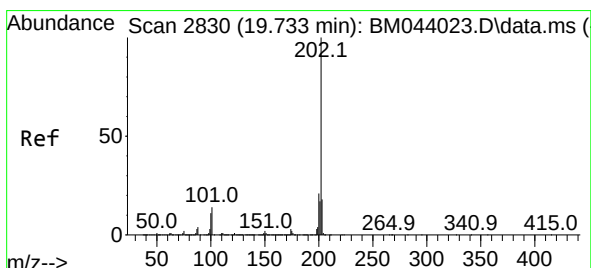
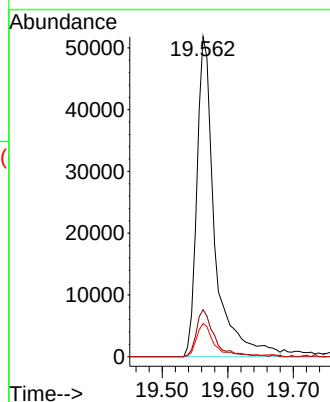
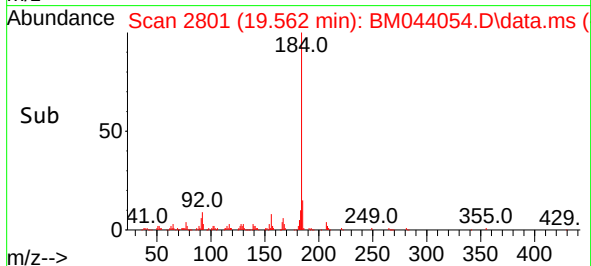
Tgt Ion:	184	Resp:	98449
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.0	16.6
183	10.4	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#78

Pyrene

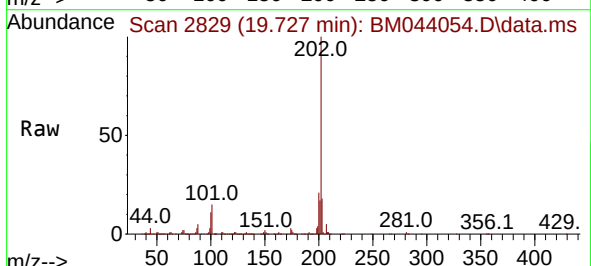
Concen: 3.420 ng

RT: 19.727 min Scan# 2829

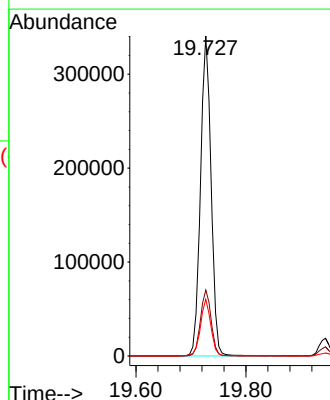
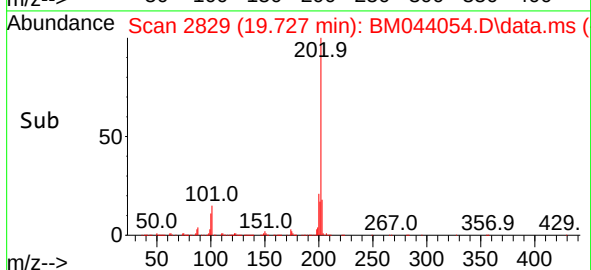
Delta R.T. -0.006 min

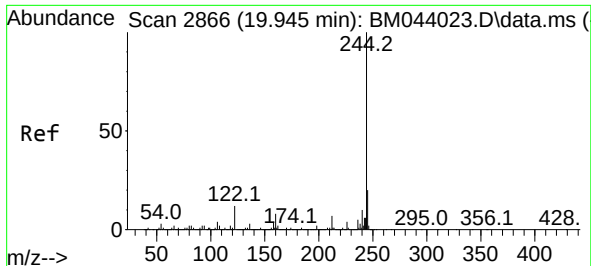
Lab File: BM044054.D

Acq: 12 Feb 2024 13:29



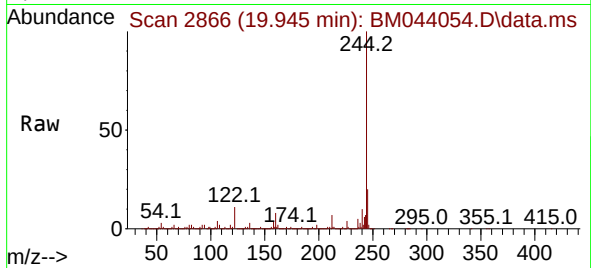
Tgt Ion:	202	Resp:	456774
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	17.7	14.0	21.0





#79
 Terphenyl-d14
 Concen: 76.735 ng
 RT: 19.945 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29

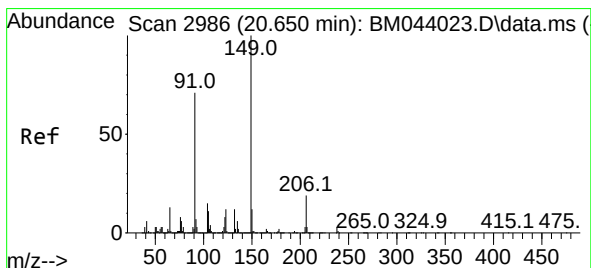
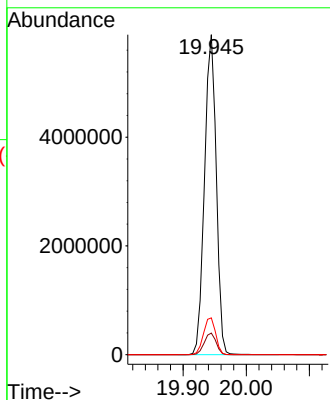
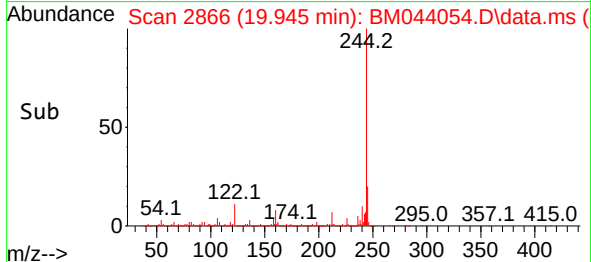
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023



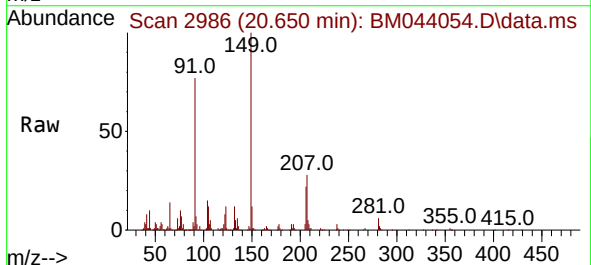
Tgt Ion:244 Resp: 759085
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 9.5 14.3

Manual Integrations
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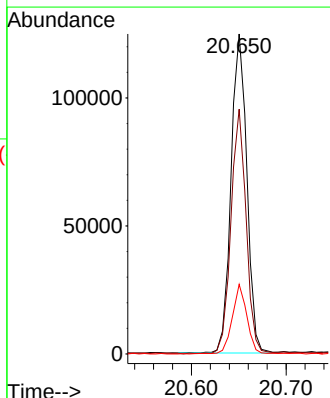
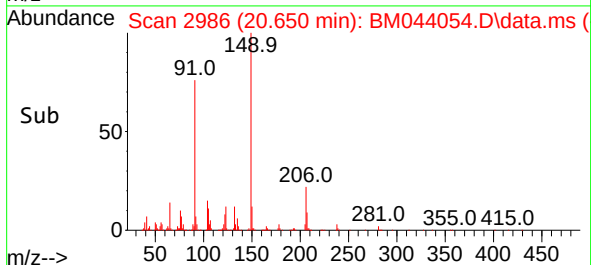
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

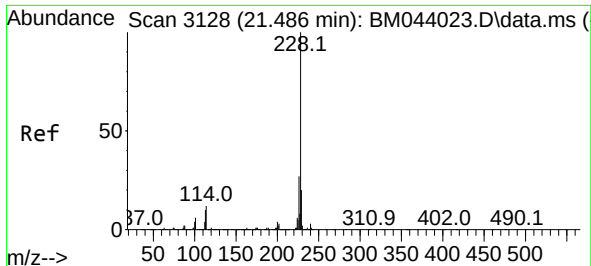


#80
 Butylbenzylphthalate
 Concen: 2.429 ng
 RT: 20.650 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BM044054.D
 Acq: 12 Feb 2024 13:29



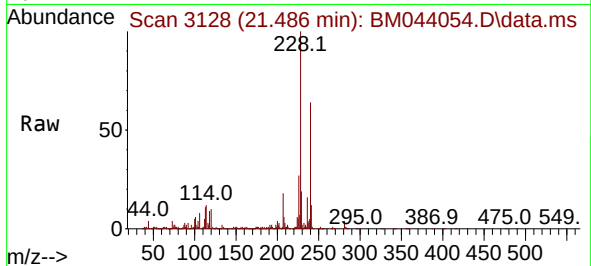
Tgt Ion:149 Resp: 144223
 Ion Ratio Lower Upper
 149 100
 91 76.5 56.8 85.2
 206 21.8 15.0 22.6





#81
Benzo(a)anthracene
Concen: 3.657 ng
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

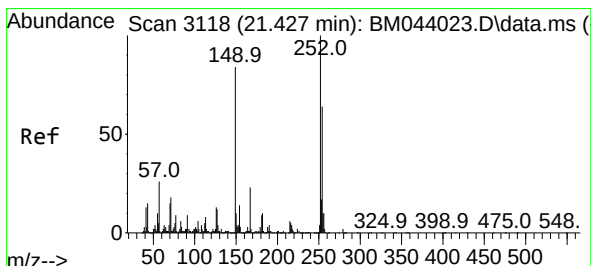
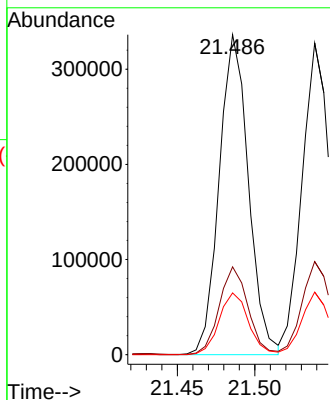
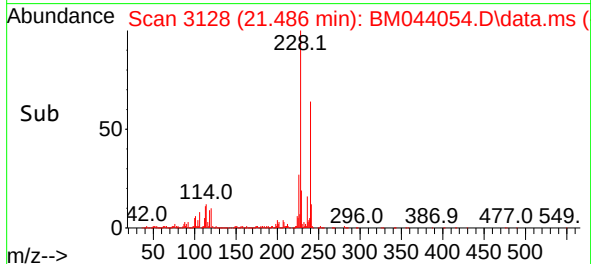
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:228 Resp: 441111
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.2
229 19.3 15.9 23.9

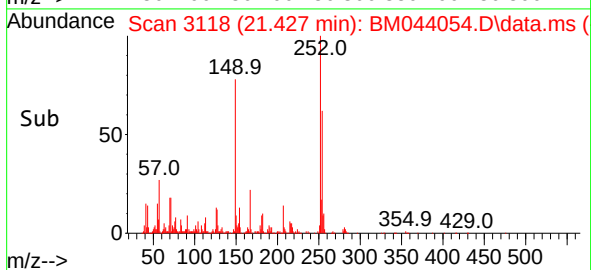
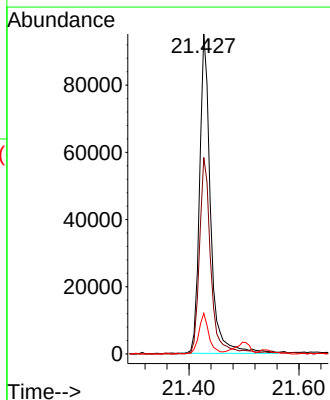
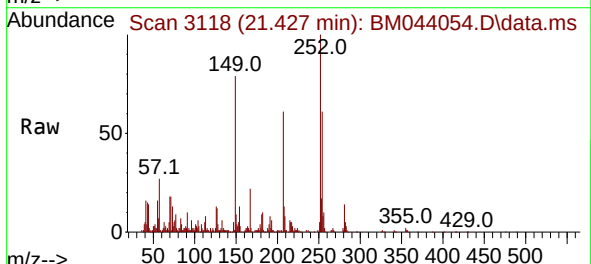
Manual Integrations
APPROVED

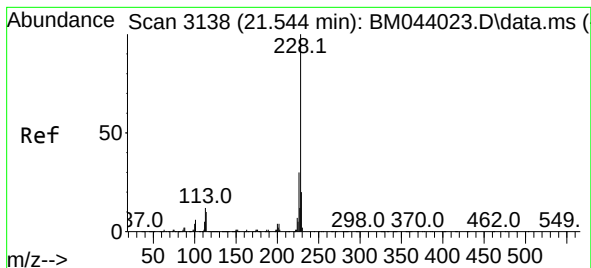
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#82
3,3'-Dichlorobenzidine
Concen: 3.336 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:252 Resp: 132023
Ion Ratio Lower Upper
252 100
254 61.4 51.2 76.8
126 12.7 10.2 15.4





#83

Chrysene

Concen: 3.665 ng

RT: 21.539 min Scan# 3138

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

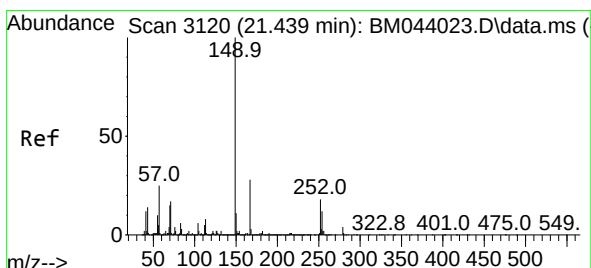
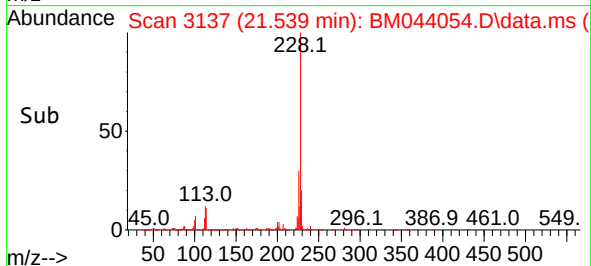
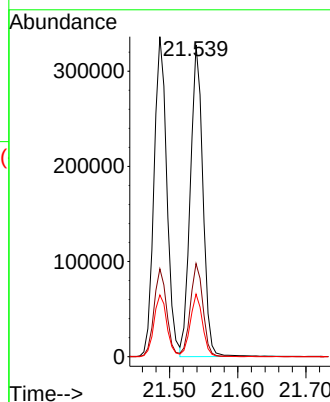
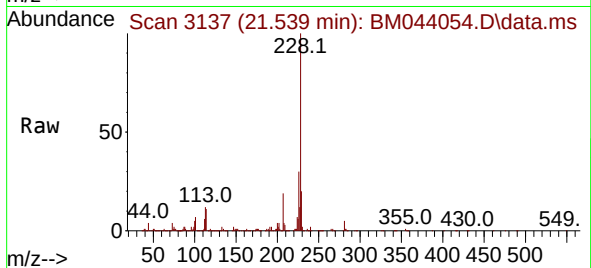
ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:228 Resp: 41771
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 20.1 15.8 23.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.557 ng

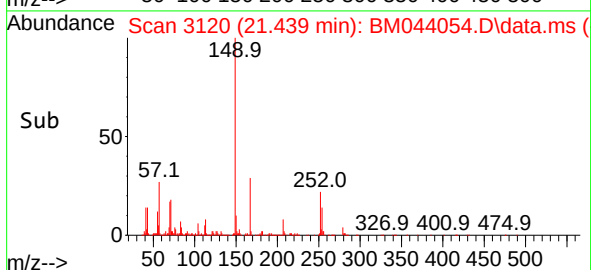
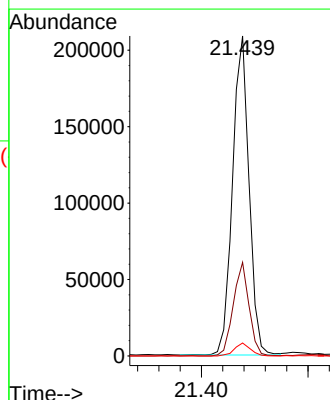
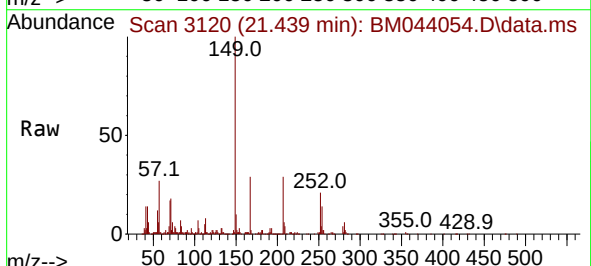
RT: 21.439 min Scan# 3120

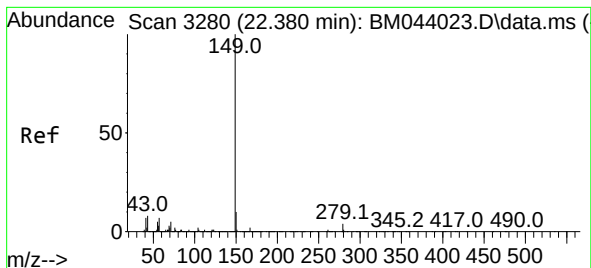
Delta R.T. 0.000 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Tgt Ion:149 Resp: 223978
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.6 33.8
 279 4.1 3.1 4.7





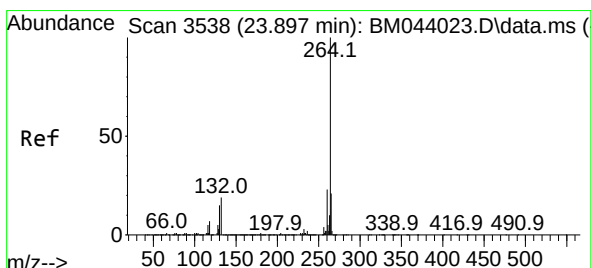
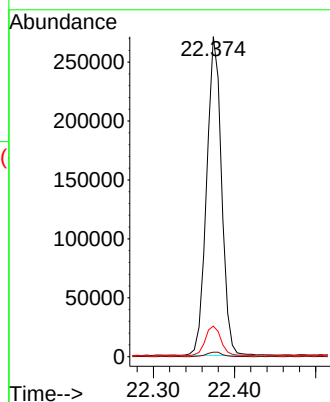
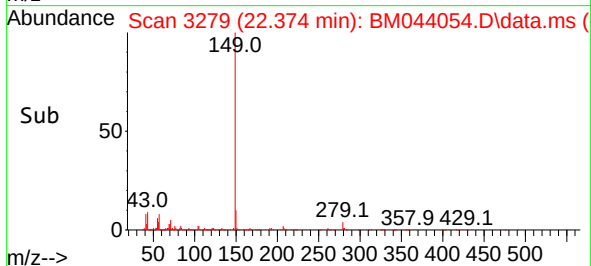
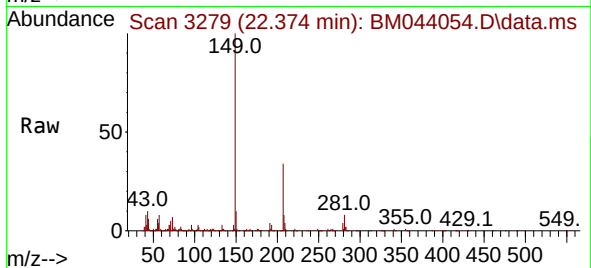
#85
Di-n-octyl phthalate
Concen: 2.252 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:149 Resp: 34445
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 7.0 10.4

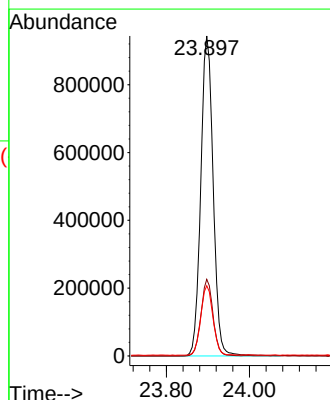
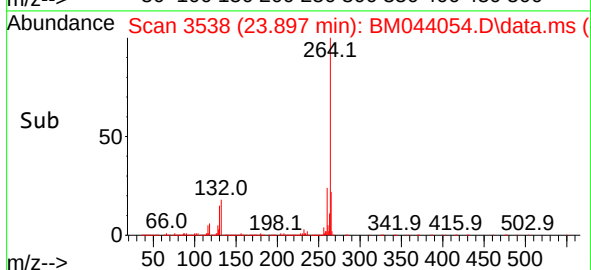
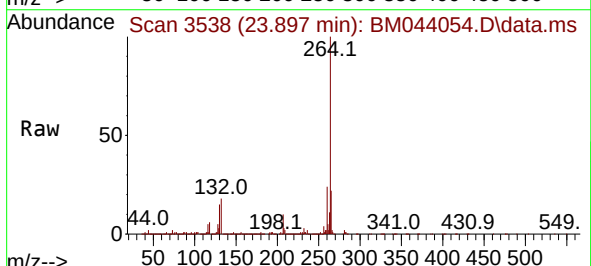
Manual Integrations
APPROVED

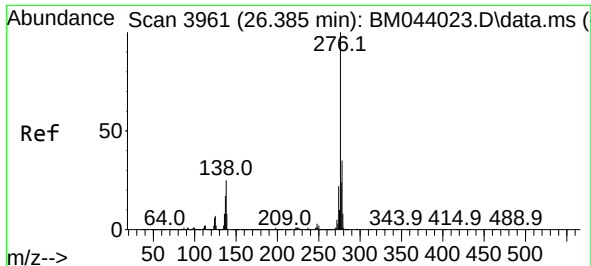
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:264 Resp: 1955615
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.9 17.3 25.9





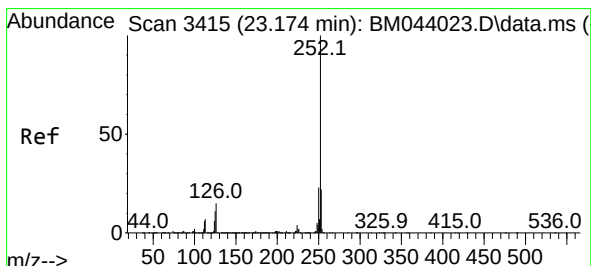
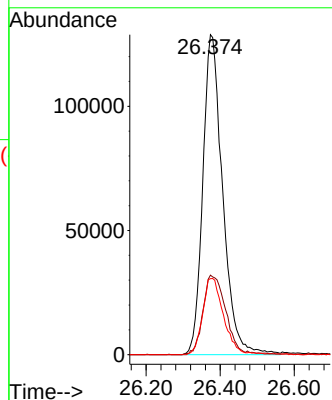
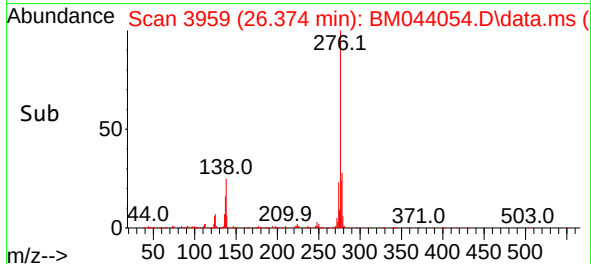
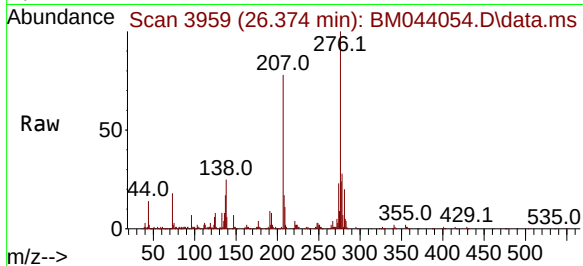
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.464 ng
RT: 26.374 min Scan# 3959
Delta R.T. -0.012 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:276 Resp: 479450
Ion Ratio Lower Upper
276 100
138 28.6 22.6 34.0
277 25.0 20.2 30.2

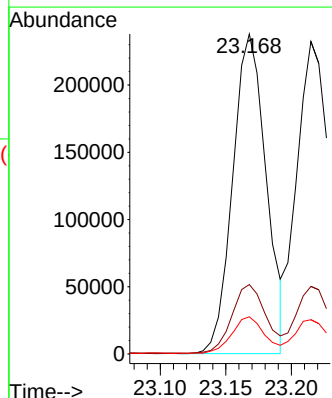
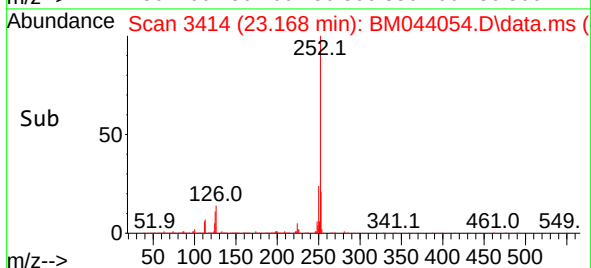
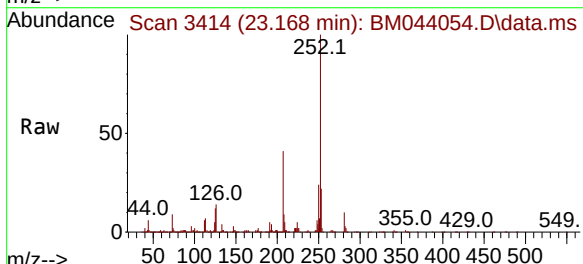
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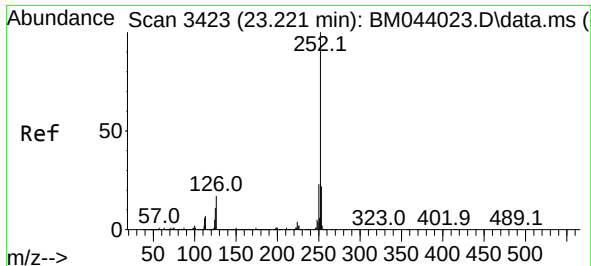
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#88
Benzo(b)fluoranthene
Concen: 3.445 ng
RT: 23.168 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:252 Resp: 421144
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 11.6 8.8 13.2





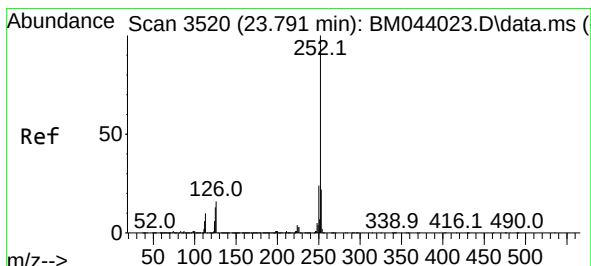
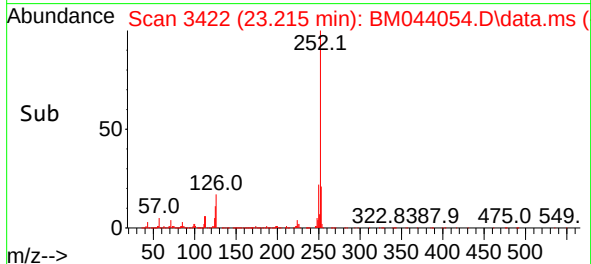
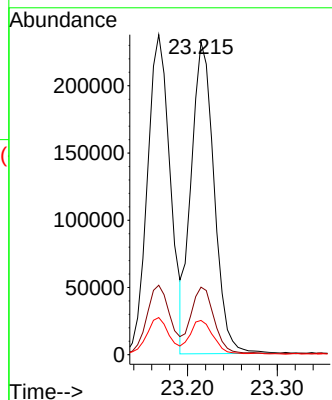
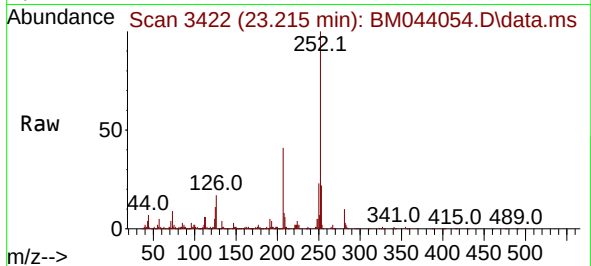
#89
Benzo(k)fluoranthene
Concen: 3.540 ng
RT: 23.215 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:252 Resp: 411240
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 10.9 9.0 13.4

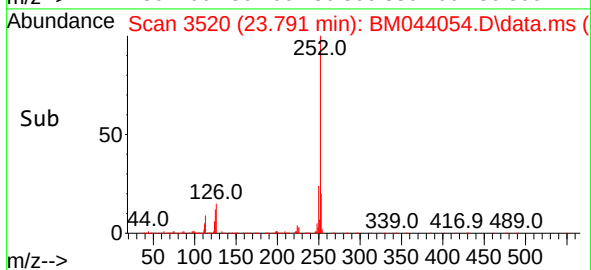
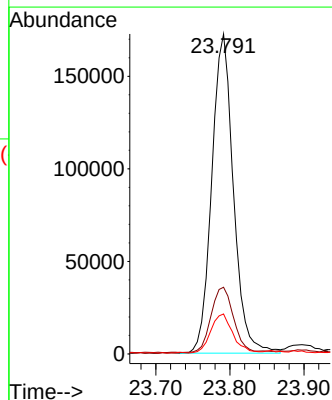
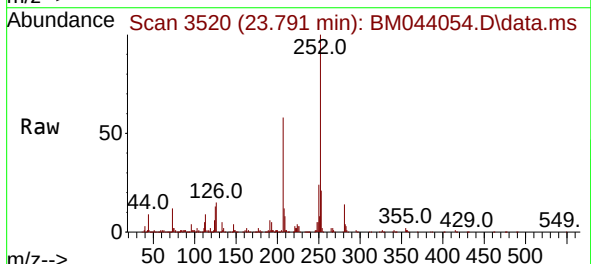
Manual Integrations
APPROVED

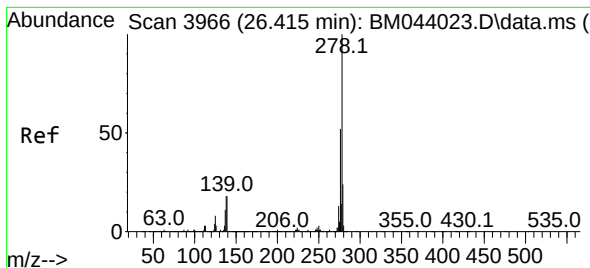
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#90
Benzo(a)pyrene
Concen: 3.279 ng
RT: 23.791 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BM044054.D
Acq: 12 Feb 2024 13:29

Tgt Ion:252 Resp: 350136
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 12.5 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 3.549 ng

RT: 26.409 min Scan# 3966

Delta R.T. -0.006 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

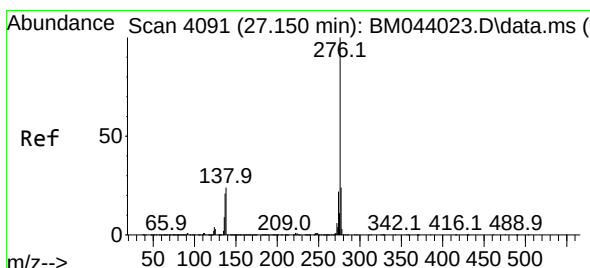
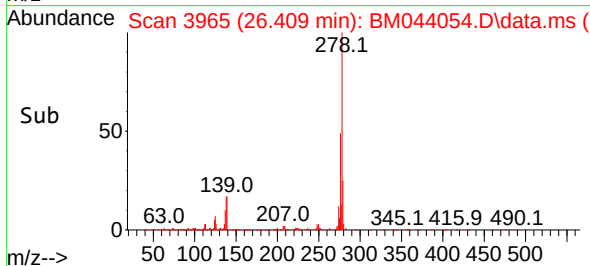
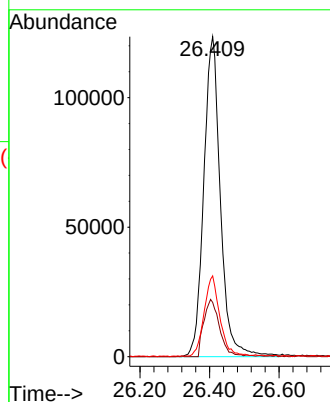
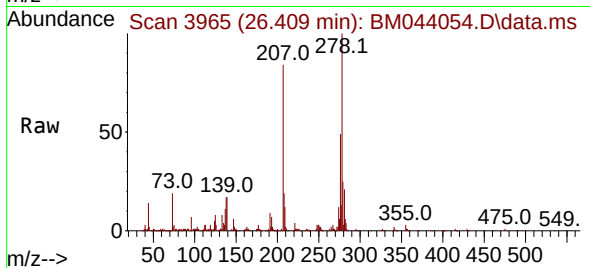
Tgt Ion:	278	Resp:	41088
Ion Ratio	Lower	Upper	
278	100		
139	16.9	14.5	21.7
279	25.3	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#92

Benzo(g,h,i)perylene

Concen: 3.381 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044054.D

Acq: 12 Feb 2024 13:29

Tgt Ion:	276	Resp:	396998
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.4
138	23.4	19.1	28.7

