

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101623\
 Data File : BM042297.D
 Acq On : 16 Oct 2023 14:04
 Operator : MA/JU
 Sample : 03573-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Oct 16 16:30:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 15:38:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	118848	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	544002	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	333151	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	694217	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	643680	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	696904	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	27105	7.126	ng/uL	0.00
4) Pyridine-d5	3.805	84	347552	30.852	ng/u1	0.00
7) Phenol-d5	7.163	99	377222	28.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	265886	29.876	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	258210	28.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	285701	27.390	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	133369	28.867	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	139734	28.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	242289	26.882	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	386085	27.206	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	805823	27.903	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	928271	29.368	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	152891	26.321	ng/u1	0.00
60) Fluorene-d10	15.651	176	690738	29.095	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	109823	22.583	ng/u1	0.00
73) Anthracene-d10	17.510	188	1040891	29.270	ng/u1	0.00
81) Pyrene-d10	19.804	212	1190496	30.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1172978	30.664	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	5580	1.338	ng/uL	97
5) Pyridine	3.828	79	55387	4.749	ng/u1#	70
6) Benzaldehyde	7.175	77	46231	6.866	ng/u1	98
8) Phenol	7.193	94	60467	4.546	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.451	93	52865	4.786	ng/u1	99
12) 2-Chlorophenol	7.569	128	43952	4.644	ng/u1	96
13) 2-Methylphenol	8.457	108	39764	4.005	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	90642m	4.813	ng/u1	
16) Acetophenone	8.863	105	75991	4.693	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.834	70	42656	4.451	ng/u1	98
18) 4-Methylphenol	8.787	108	45581	4.166	ng/u1	98
19) Hexachloroethane	9.081	117	18564	4.649	ng/u1	90
22) Nitrobenzene	9.257	77	62345	4.771	ng/u1	95
23) Isophorone	9.763	82	107407	4.239	ng/u1	98
25) 2-Nitrophenol	9.957	139	23990	4.439	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	48718	4.242	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.251	93	74423	4.697	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	38685	4.395	ng/u1	94
30) Naphthalene	10.892	128	148134	4.645	ng/u1	100
32) 4-Chloroaniline	11.022	127	61859	4.510	ng/u1	99
33) Hexachlorobutadiene	11.116	225	22975	4.521	ng/u1	96
34) Caprolactam	11.851	113	19859	6.179	ng/u1	96
35) 4-Chloro-3-methylphenol	12.116	107	42639	3.933	ng/u1	98
36) 2-Methylnaphthalene	12.492	142	98138	4.496	ng/u1	98

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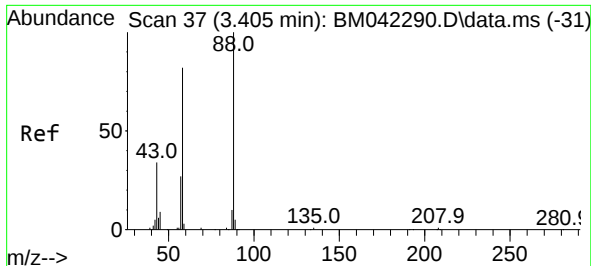
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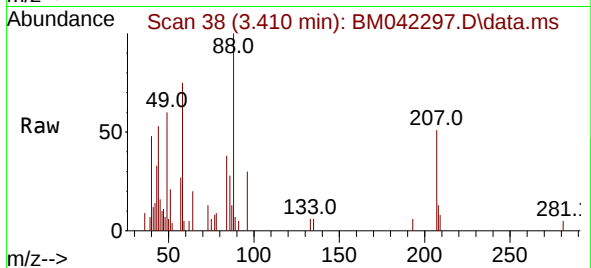
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	102498	4.646	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	46630	4.445	ng/ul	94
40) Hexachlorocyclopentadiene	12.786	237	37748	5.560	ng/ul	99
41) 2,4,6-Trichlorophenol	13.092	196	26737	3.812	ng/ul	97
42) 2,4,5-Trichlorophenol	13.163	196	29800	3.958	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	130750	4.579	ng/ul	98
44) 2-Chloronaphthalene	13.545	162	100445	4.589	ng/ul	97
45) 2-Nitroaniline	13.780	65	29480	3.747	ng/ul	97
47) Dimethylphthalate	14.116	163	130470	4.540	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	18775	3.609	ng/ul	95
50) Acenaphthylene	14.386	152	169142	4.634	ng/ul	99
51) 3-Nitroaniline	14.604	138	21257	3.466	ng/ul	96
52) Acenaphthene	14.722	153	113233	4.618	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	24923	7.078	ng/ul	95
55) 4-Nitrophenol	14.880	109	20145	4.275	ng/ul	89
56) Dibenzofuran	15.057	168	153428	4.657	ng/ul	98
57) 2,4-Dinitrotoluene	15.045	165	29010	3.782	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.274	232	23979	3.795	ng/ul	96
59) Diethylphthalate	15.469	149	126633	4.317	ng/ul	99
61) Fluorene	15.704	166	125912	4.608	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.692	204	58155	4.408	ng/ul	95
63) 4-Nitroaniline	15.763	138	24192	4.411	ng/ul#	70
66) 4,6-Dinitro-2-methylph...	15.786	198	19942	3.921	ng/ul#	64
67) N-Nitrosodiphenylamine	15.916	169	98922	4.479	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	30862	4.133	ng/ul	99
69) Hexachlorobenzene	16.674	284	37357	4.400	ng/ul	97
70) Atrazine	16.863	200	29620	3.909	ng/ul	99
71) Pentachlorophenol	17.039	266	32573	5.662	ng/ul	98
72) Phenanthrene	17.451	178	194867	4.576	ng/ul	99
74) Anthracene	17.545	178	197771	4.617	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	45177	4.392	ng/uL	98
76) Pentachlorobenzene	14.951	250	48159	4.768	ng/uL	95
77) Carbazole	17.827	167	168965	4.331	ng/ul	100
78) Di-n-butylphthalate	18.351	149	199510	4.040	ng/ul	99
80) Fluoranthene	19.462	202	203527	4.381	ng/ul	97
82) Pyrene	19.827	202	231592	4.742	ng/ul#	94
83) Butylbenzylphthalate	20.709	149	77684	3.731	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.515	252	59316	3.858	ng/ul	96
85) Benzo(a)anthracene	21.574	228	209757	4.296	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	116054	3.773	ng/ul	100
87) Chrysene	21.627	228	201380	4.485	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	200675	3.565	ng/ul	100
90) Benzo(b)fluoranthene	23.297	252	196172m	4.143	ng/ul	
91) Benzo(k)fluoranthene	23.350	252	202652	4.327	ng/ul	98
93) Benzo(a)pyrene	23.956	252	192755	4.350	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.662	276	217776	4.046	ng/ul	96
95) Dibenzo(a,h)anthracene	26.680	278	180274	4.038	ng/ul	97
96) Benzo(g,h,i)perylene	27.474	276	167697	3.983	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.338 ng/uL
RT: 3.410 min Scan# 37
Delta R.T. 0.006 min
Lab File: BM042297.D
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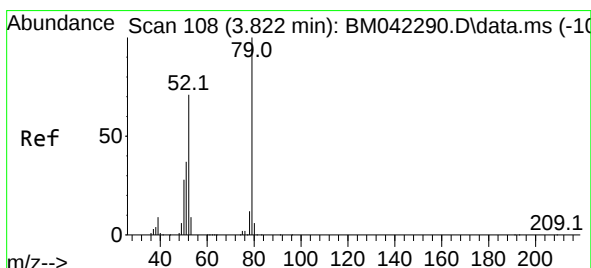
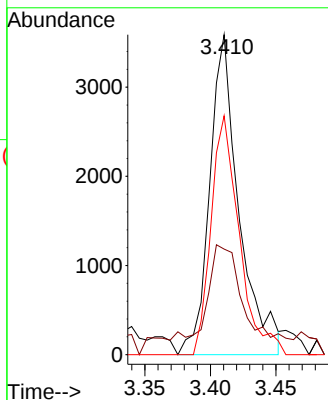
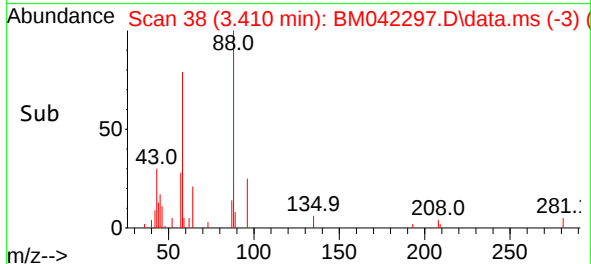
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 88 Resp: 5580
Ion Ratio Lower Upper
88 100
43 33.0 27.5 41.3
58 74.7 61.8 92.8

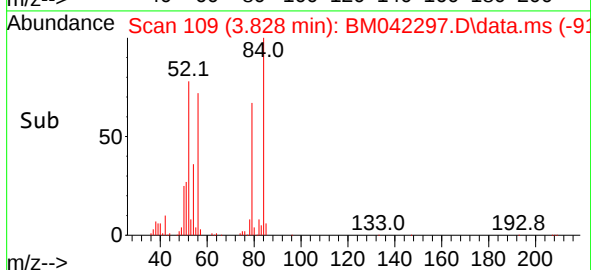
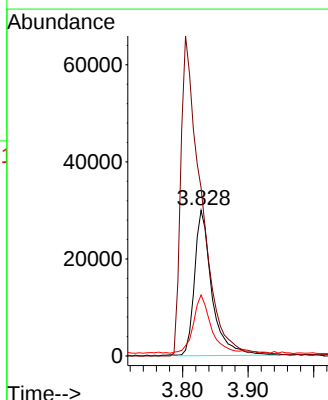
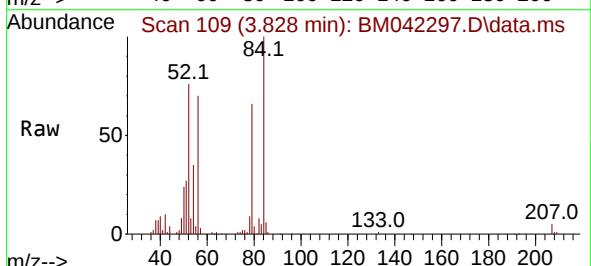
Manual Integrations
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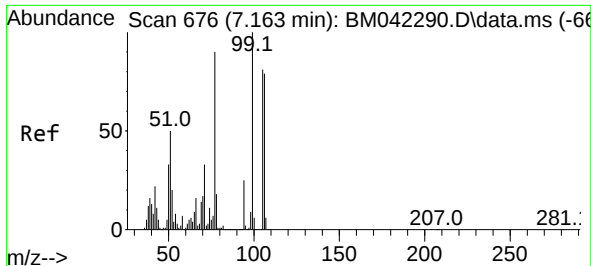
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.749 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

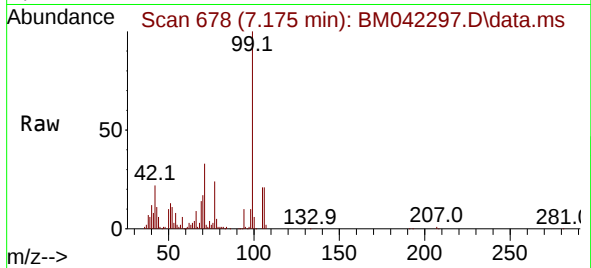
Tgt Ion: 79 Resp: 55387
Ion Ratio Lower Upper
79 100
52 115.4 63.8 95.6#
51 41.9 30.2 45.2





#6
Benzaldehyde
Concen: 6.866 ng/ul
RT: 7.175 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

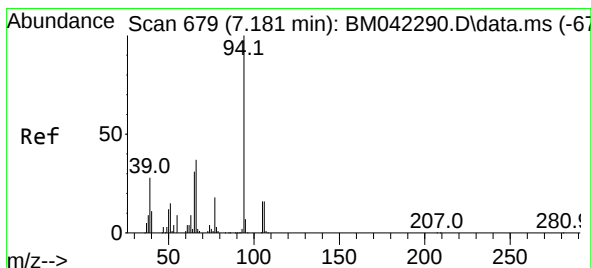
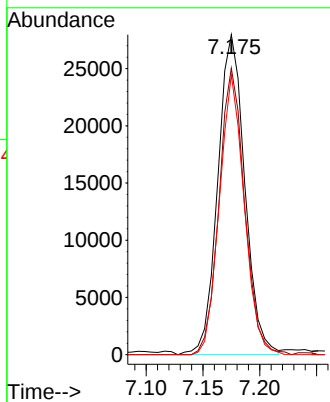
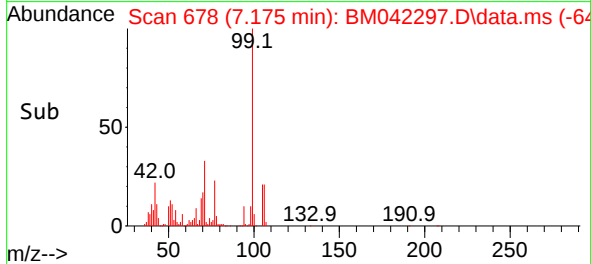
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



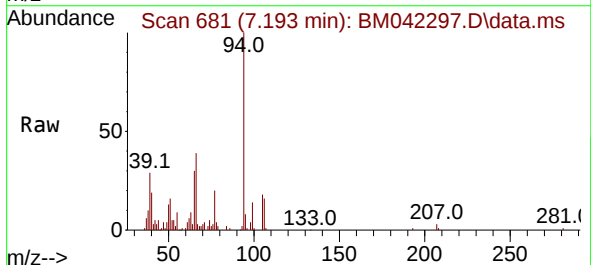
Tgt Ion: 77 Resp: 4623
Ion Ratio Lower Upper
77 100
105 89.5 70.6 105.8
106 87.5 71.6 107.4

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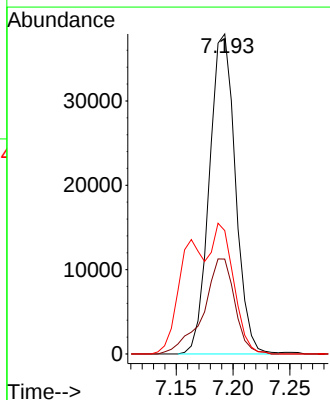
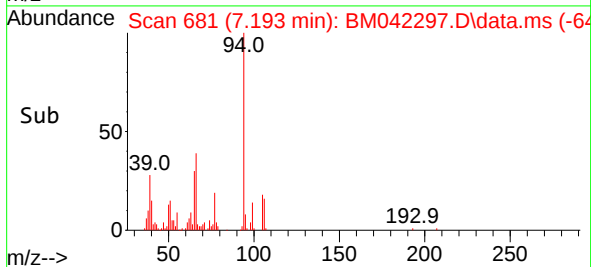
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

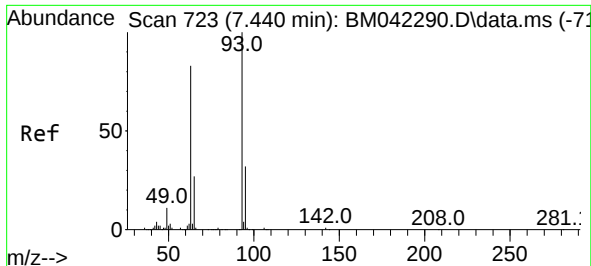


#8
Phenol
Concen: 4.546 ng/ul
RT: 7.193 min Scan# 681
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



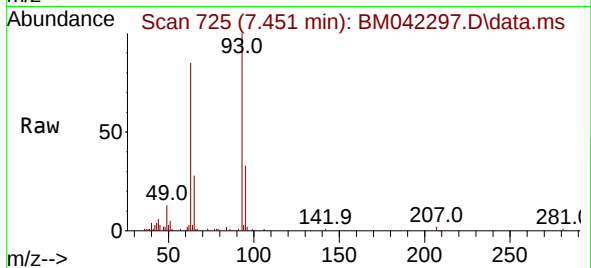
Tgt Ion: 94 Resp: 60467
Ion Ratio Lower Upper
94 100
65 29.7 24.1 36.1
66 38.6 30.7 46.1





#10
Bis(2-Chloroethyl)ether
Concen: 4.786 ng/ul
RT: 7.451 min Scan# 725
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

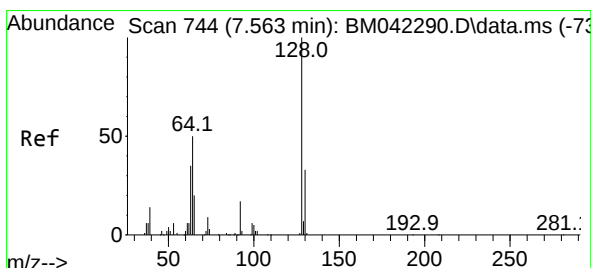
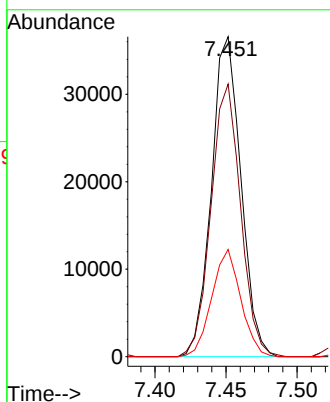
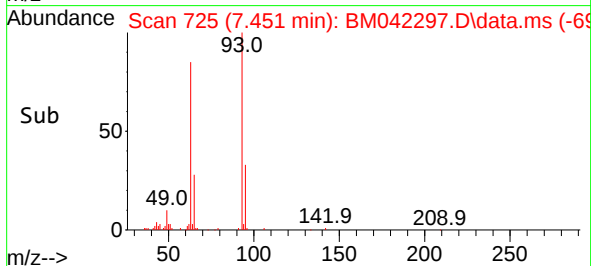
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 93 Resp: 5286
Ion Ratio Lower Upper
93 100
63 85.2 67.3 100.9
95 33.5 26.7 40.1

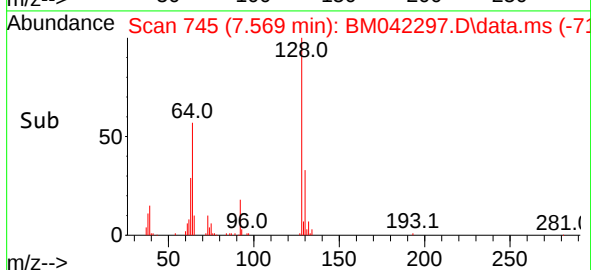
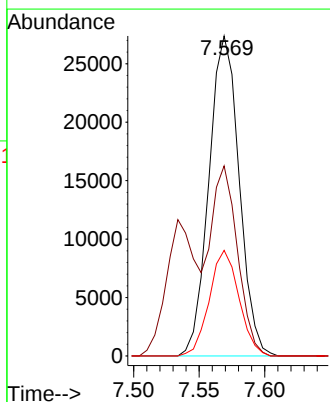
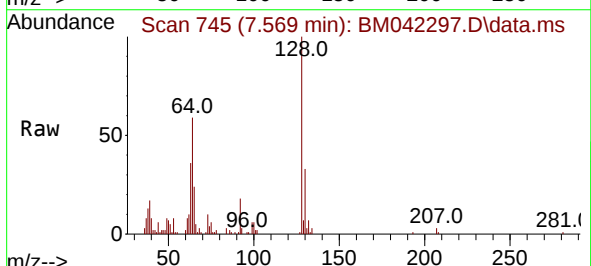
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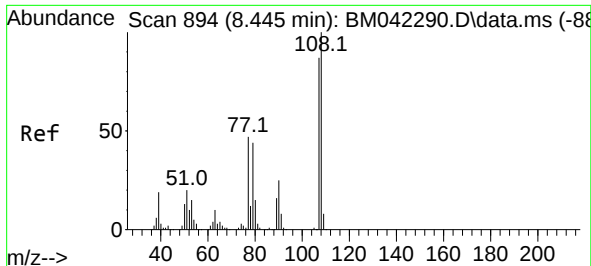
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 4.644 ng/ul
RT: 7.569 min Scan# 745
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion:128 Resp: 43952
Ion Ratio Lower Upper
128 100
64 59.4 43.8 65.6
130 33.0 25.9 38.9





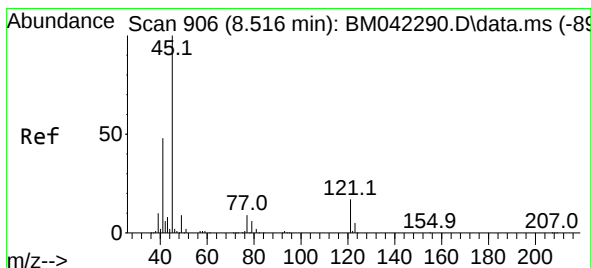
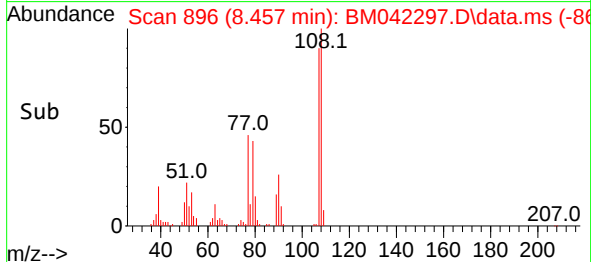
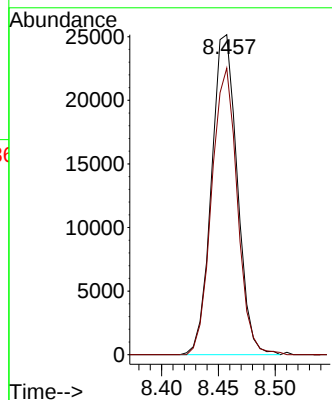
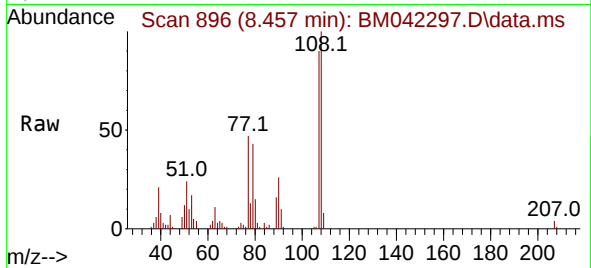
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2-Methylphenol
Concen: 4.005 ng/ul
RT: 8.457 min Scan# 894
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

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BNA_M
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Tgt Ion:108 Resp: 39764
Ion Ratio Lower Upper
108 100
107 89.5 70.6 106.0

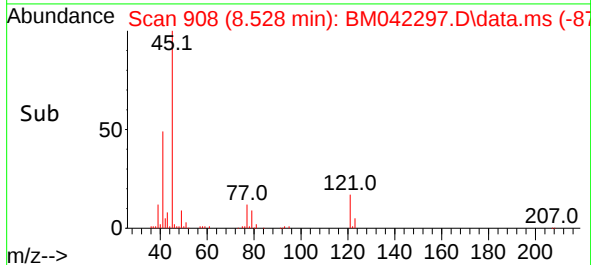
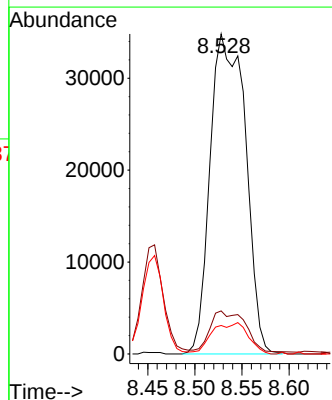
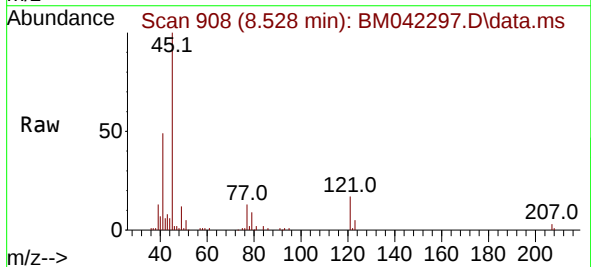
Manual Integrations
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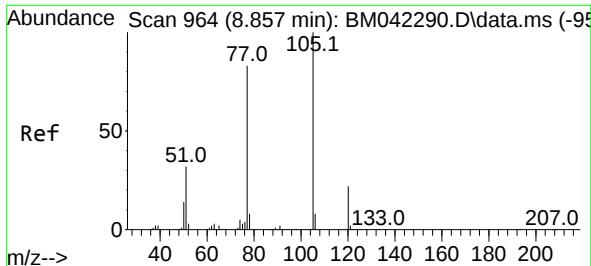
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.813 ng/ul m
RT: 8.528 min Scan# 908
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion: 45 Resp: 90642
Ion Ratio Lower Upper
45 100
77 13.5 10.5 15.7
79 8.9 7.3 10.9





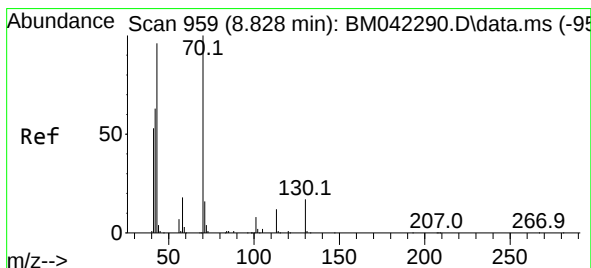
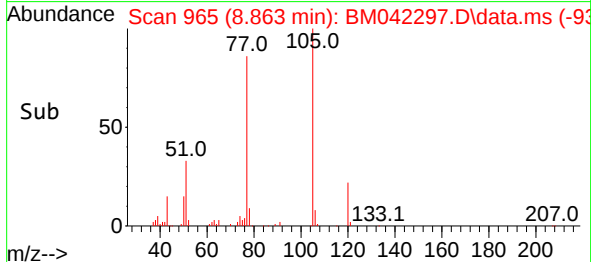
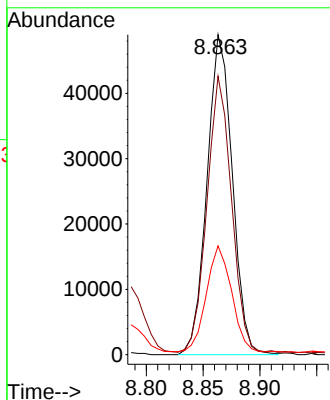
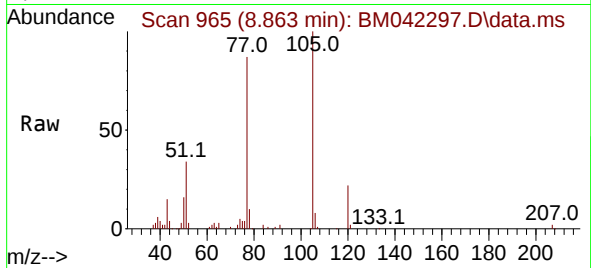
#16
Acetophenone
Concen: 4.693 ng/ul
RT: 8.863 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:105 Resp: 7599
Ion Ratio Lower Upper
105 100
77 87.0 67.8 101.8
51 34.0 26.9 40.3

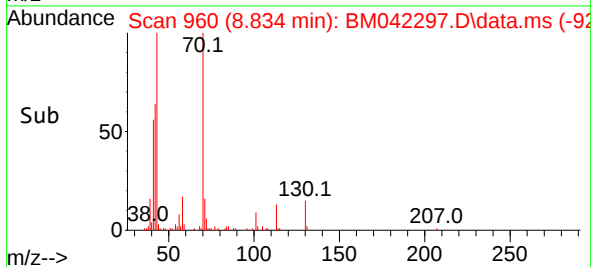
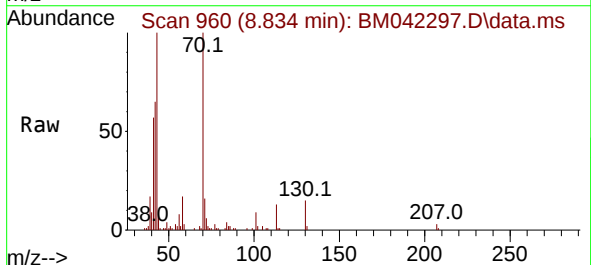
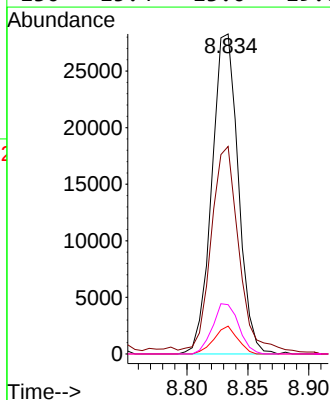
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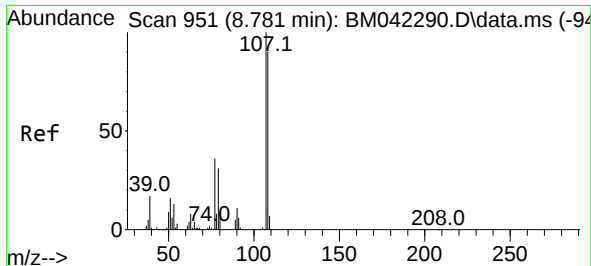
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.451 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

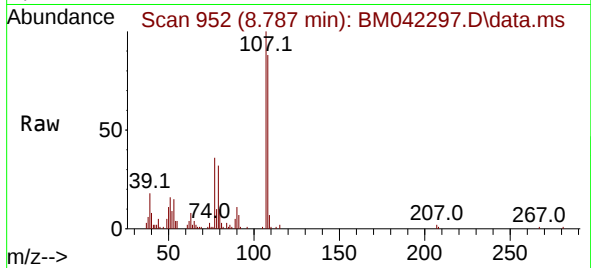
Tgt Ion: 70 Resp: 42656
Ion Ratio Lower Upper
70 100
42 64.9 51.0 76.4
101 8.7 6.7 10.1
130 15.4 13.0 19.6





#18
4-Methylphenol
Concen: 4.166 ng/ul
RT: 8.787 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

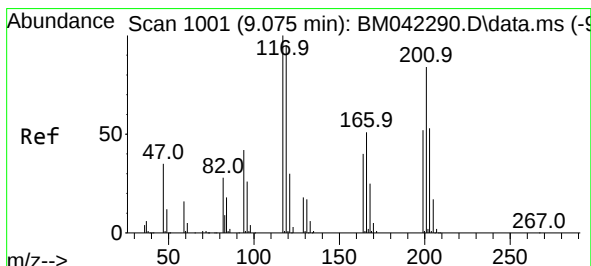
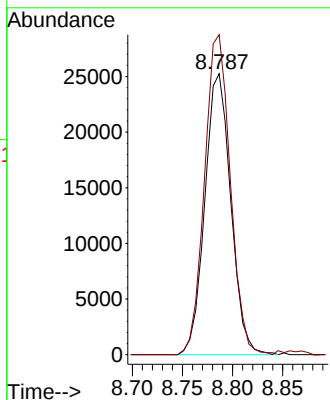
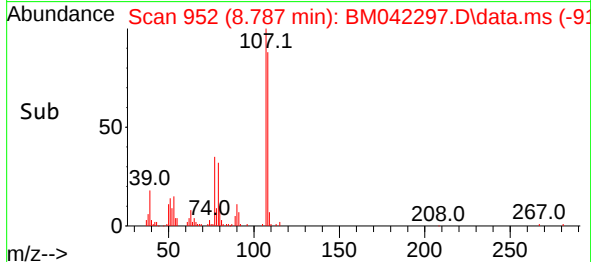
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:108 Resp: 4558
Ion Ratio Lower Upper
108 100
107 113.9 89.0 133.6

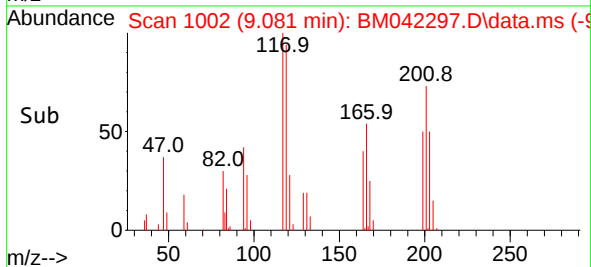
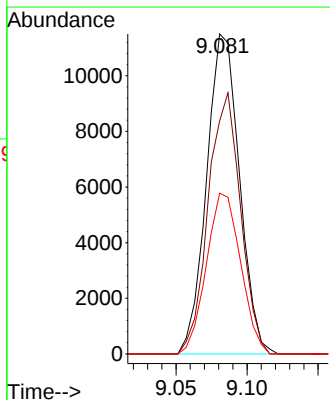
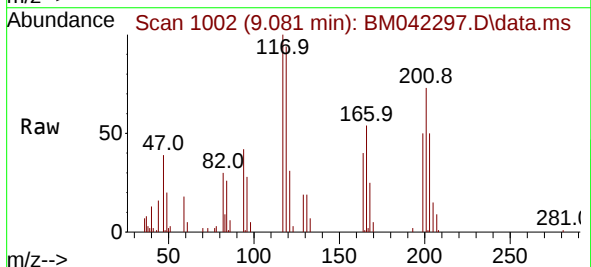
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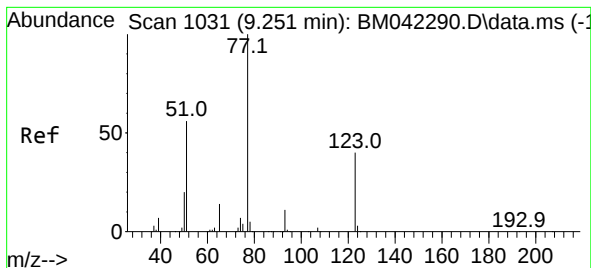
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.649 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion:117 Resp: 18564
Ion Ratio Lower Upper
117 100
201 72.8 69.8 104.8
199 50.3 40.8 61.2





#22

Nitrobenzene

Concen: 4.771 ng/ul

RT: 9.257 min Scan# 1031

Delta R.T. 0.006 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05

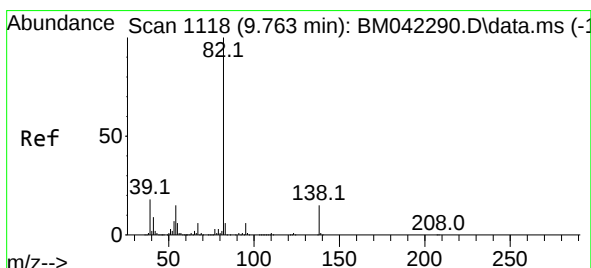
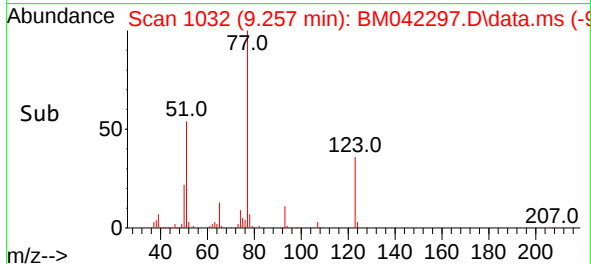
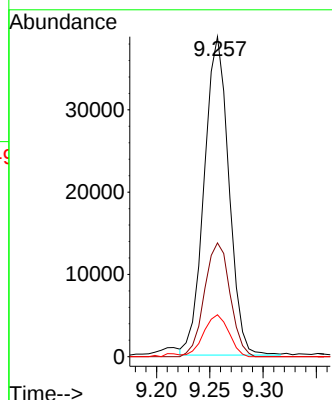
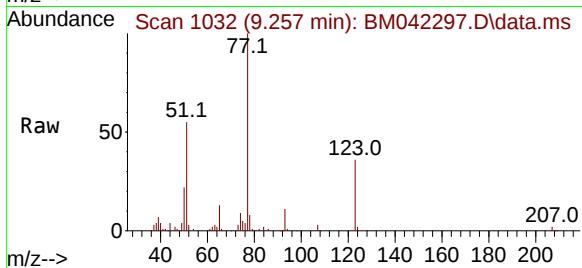
Tgt Ion: 77	Resp: 6234
Ion Ratio	Lower Upper
77 100	
123 35.5	31.3 46.9
65 13.1	10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#23

Isophorone

Concen: 4.239 ng/ul

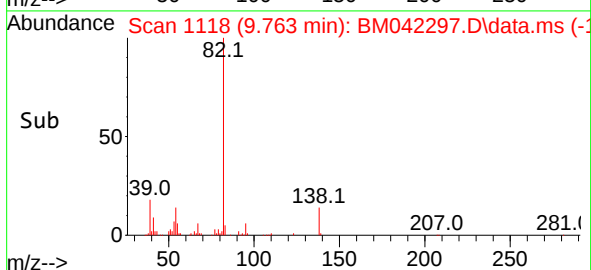
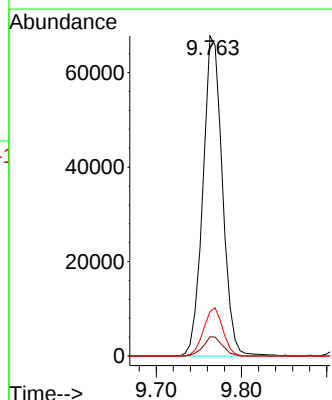
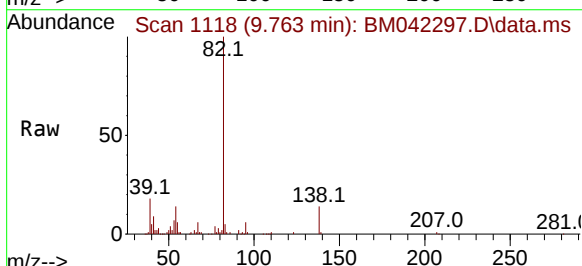
RT: 9.763 min Scan# 1118

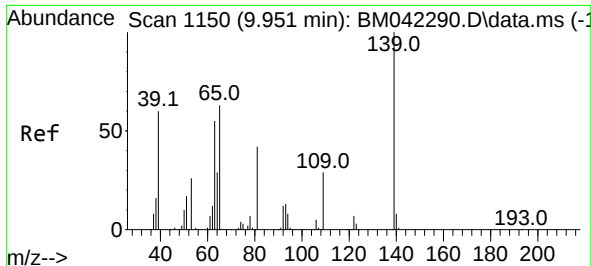
Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Tgt Ion: 82	Resp: 107407
Ion Ratio	Lower Upper
82 100	
95 6.0	5.0 7.4
138 13.9	11.8 17.6





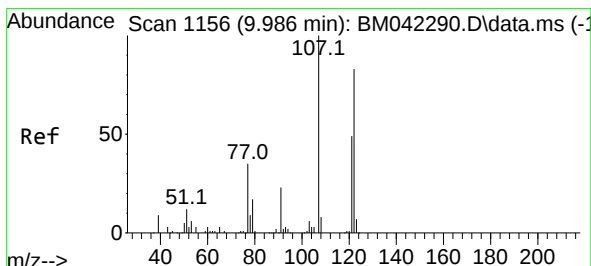
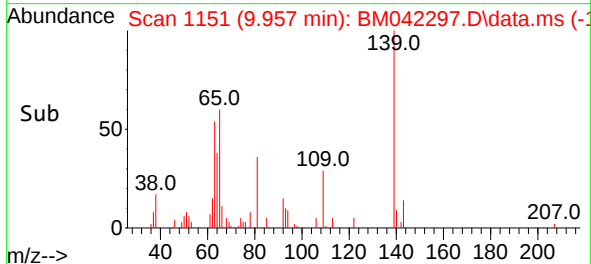
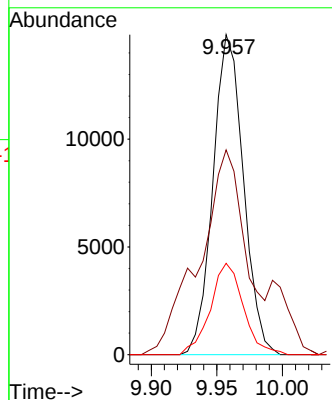
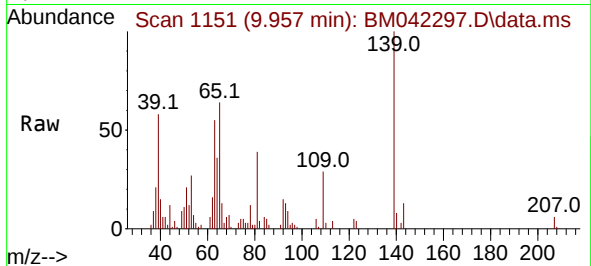
#25
2-Nitrophenol
Concen: 4.439 ng/ul
RT: 9.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:139 Resp: 23990
Ion Ratio Lower Upper
139 100
65 64.0 49.4 74.2
109 28.5 24.0 36.0

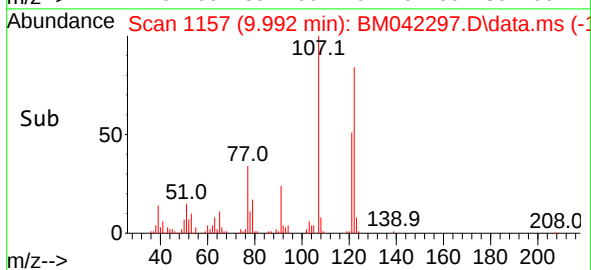
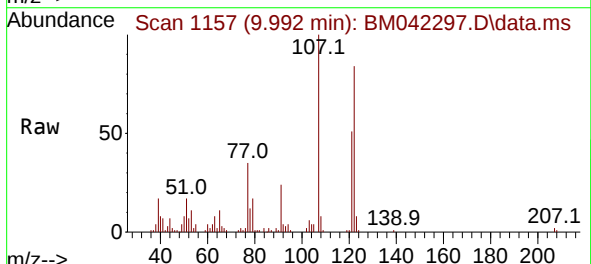
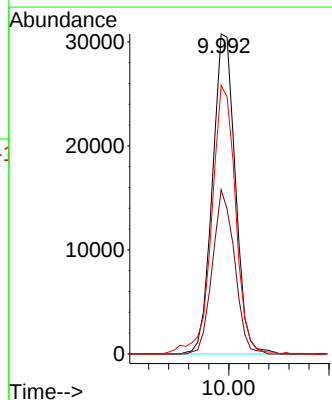
Manual Integrations
APPROVED

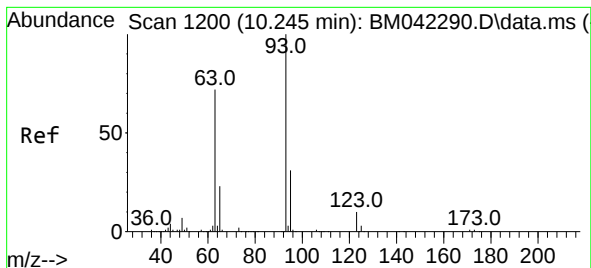
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 4.242 ng/ul
RT: 9.992 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion:107 Resp: 48718
Ion Ratio Lower Upper
107 100
121 51.3 38.4 57.6
122 83.9 68.6 102.8





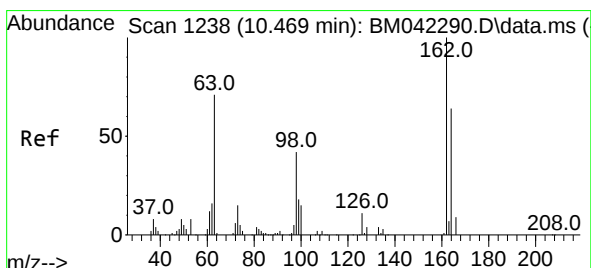
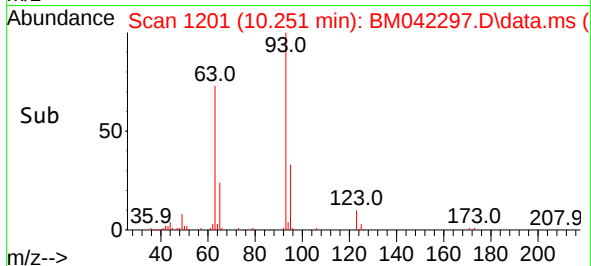
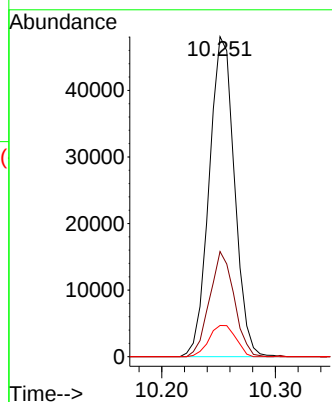
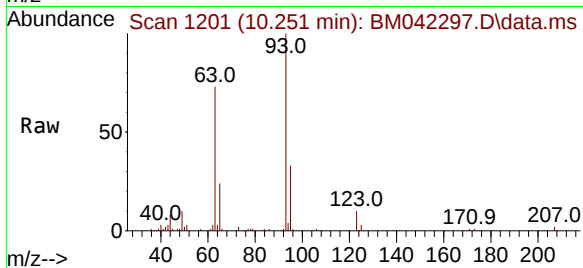
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.697 ng/ul
 RT: 10.251 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: BM042297.D
 Acq: 16 Oct 2023 14:04

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Tgt Ion: 93 Resp: 7442
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 9.8 8.1 12.1

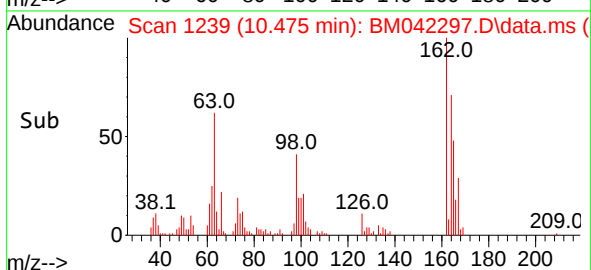
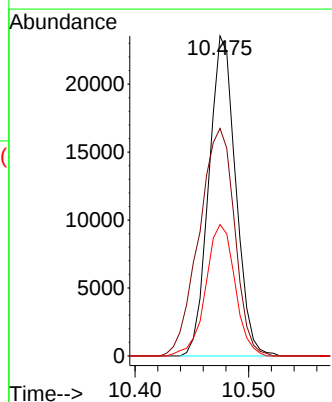
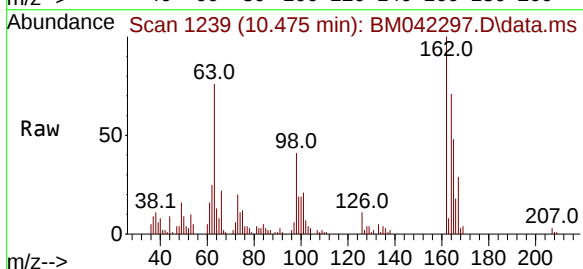
Manual Integrations
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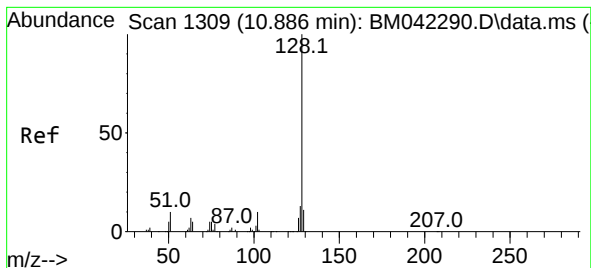
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#29
 2,4-Dichlorophenol
 Concen: 4.395 ng/ul
 RT: 10.475 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: BM042297.D
 Acq: 16 Oct 2023 14:04

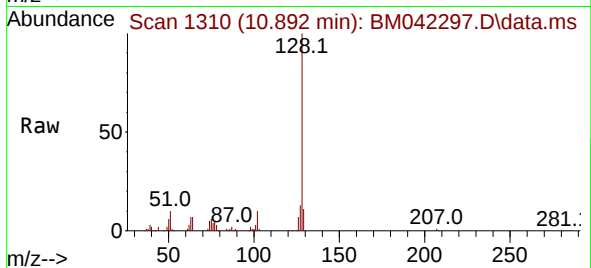
Tgt Ion:162 Resp: 38685
 Ion Ratio Lower Upper
 162 100
 164 71.1 52.4 78.6
 98 41.1 34.6 52.0





#30
Naphthalene
Concen: 4.645 ng/ul
RT: 10.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

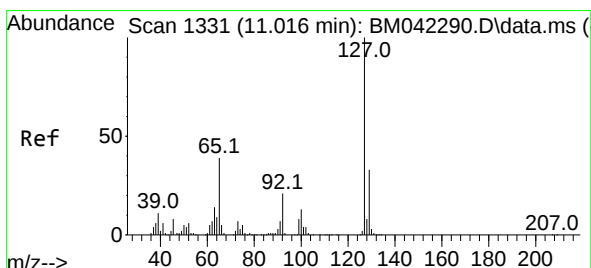
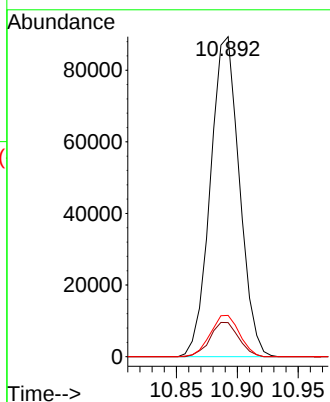
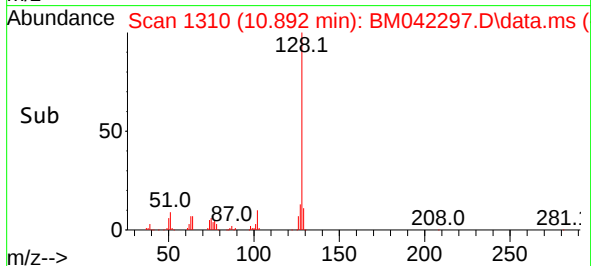
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:128 Resp: 148134
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 10.4 15.6

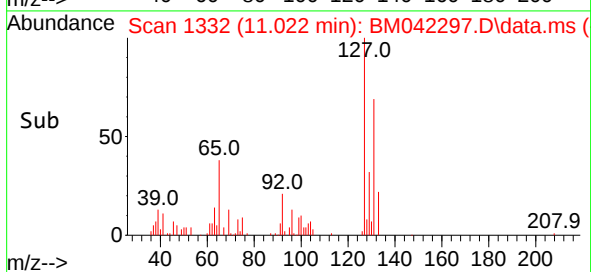
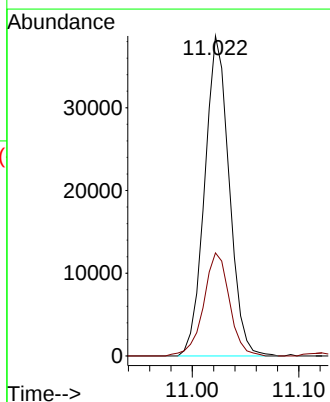
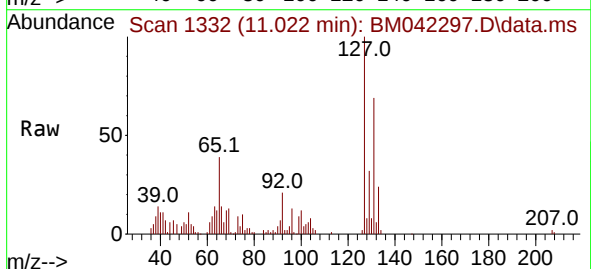
Manual Integrations
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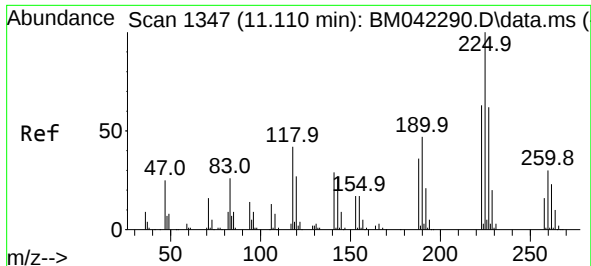
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 4.510 ng/ul
RT: 11.022 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

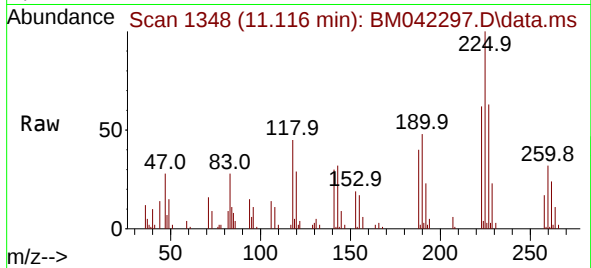
Tgt Ion:127 Resp: 61859
Ion Ratio Lower Upper
127 100
129 32.2 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.521 ng/uI
RT: 11.116 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

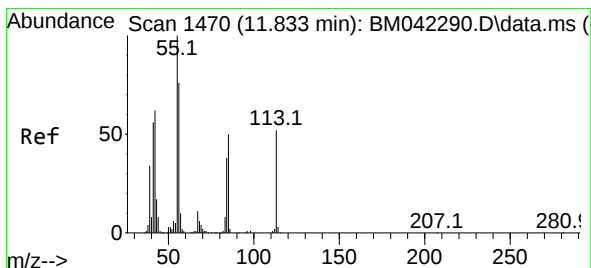
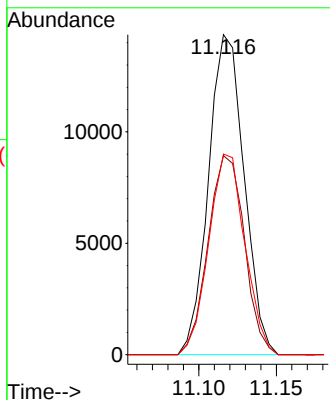
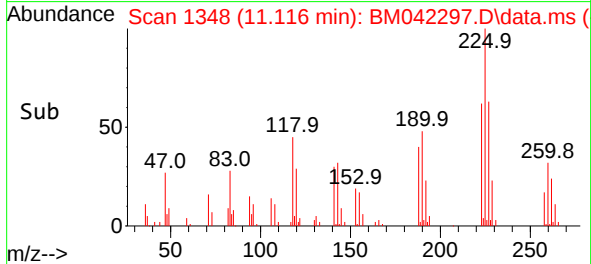
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



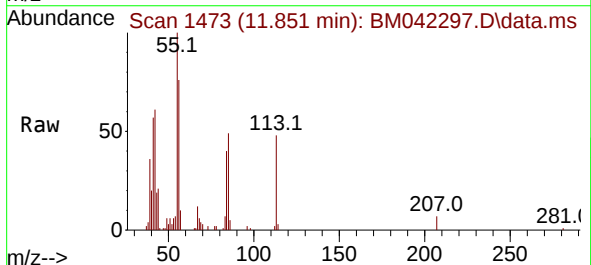
Tgt Ion:225 Resp: 2297
Ion Ratio Lower Upper
225 100
223 62.2 51.3 76.9
227 62.7 53.4 80.0

Manual Integrations
APPROVED

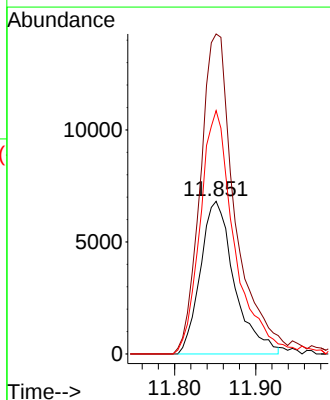
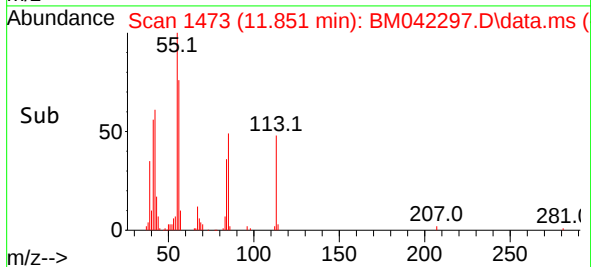
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

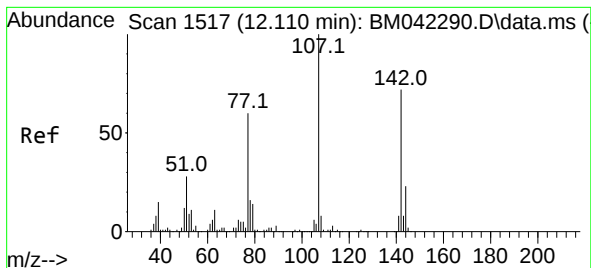


#34
Caprolactam
Concen: 6.179 ng/uI
RT: 11.851 min Scan# 1473
Delta R.T. 0.018 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



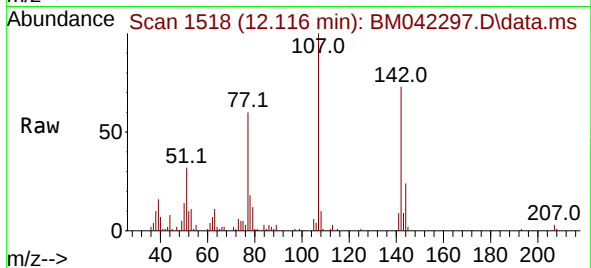
Tgt Ion:113 Resp: 19859
Ion Ratio Lower Upper
113 100
55 209.6 162.1 243.1
56 159.4 124.2 186.2





#35
4-Chloro-3-methylphenol
Concen: 3.933 ng/ul
RT: 12.116 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

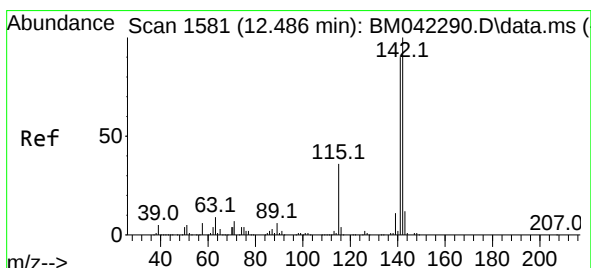
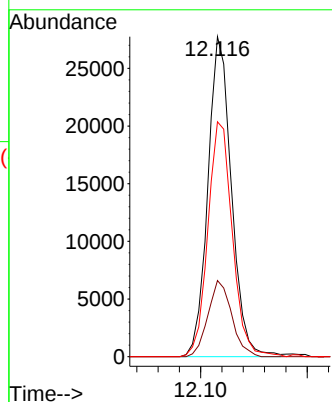
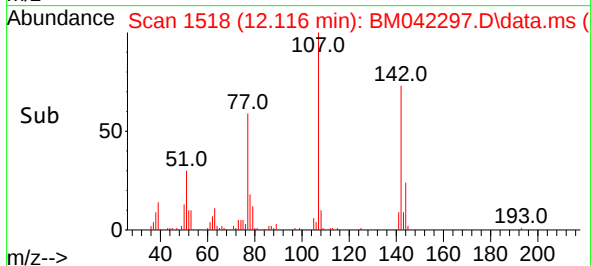
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:107 Resp: 42639
Ion Ratio Lower Upper
107 100
144 23.8 19.3 28.9
142 73.4 60.6 91.0

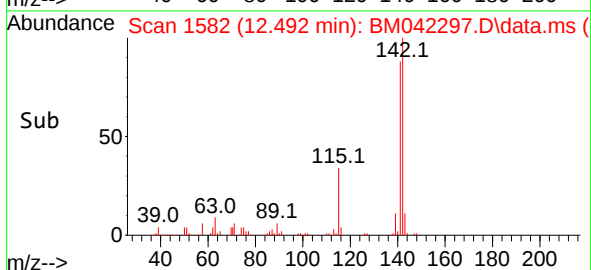
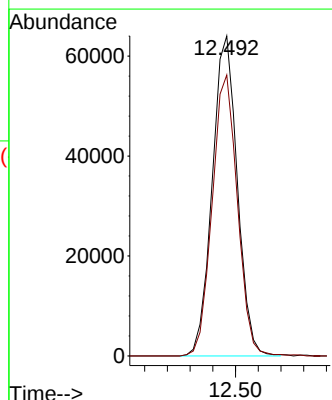
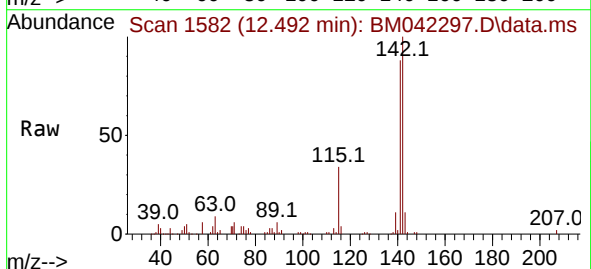
Manual Integrations
APPROVED

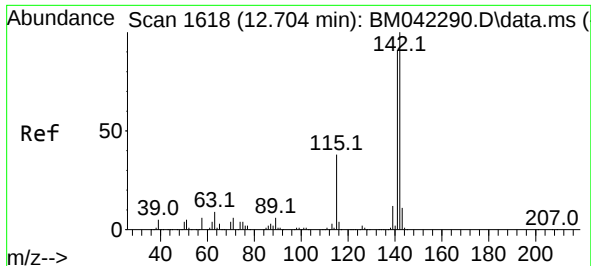
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.496 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion:142 Resp: 98138
Ion Ratio Lower Upper
142 100
141 87.8 71.5 107.3





#37

1-Methylnaphthalene

Concen: 4.646 ng/ul

RT: 12.710 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BM042297.D

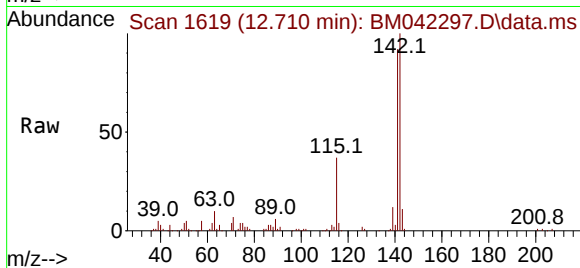
Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05



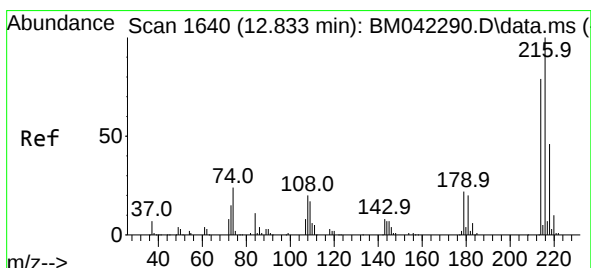
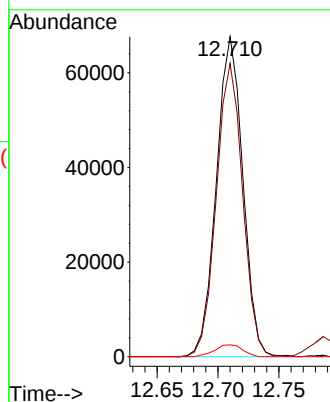
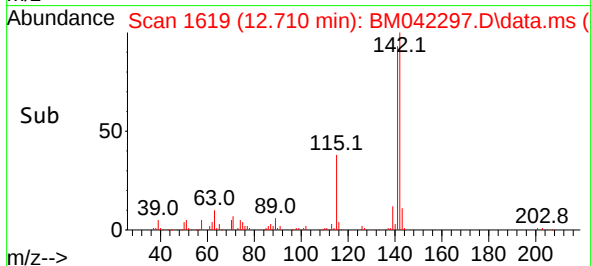
Tgt Ion:	142	Resp:	102498
Ion Ratio	100	Lower	Upper
142	100		
141	91.6	74.6	111.8
116	3.7	3.2	4.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.445 ng/ul

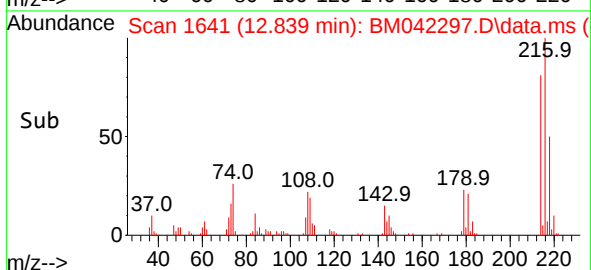
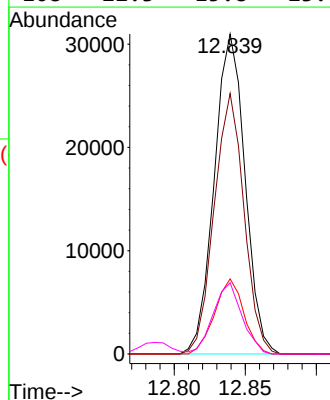
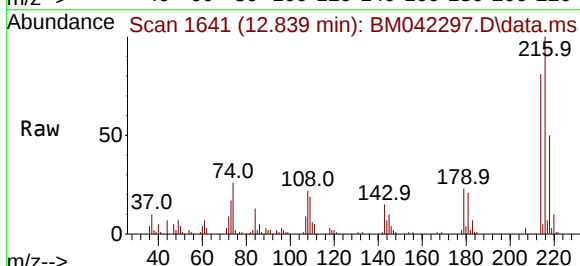
RT: 12.839 min Scan# 1641

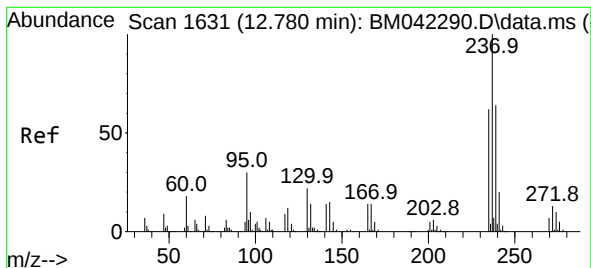
Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Tgt Ion:	216	Resp:	46630
Ion Ratio	100	Lower	Upper
216	100		
214	81.4	60.6	90.8
179	23.4	16.9	25.3
108	22.3	15.8	23.8





#40

Hexachlorocyclopentadiene

Concen: 5.560 ng/ul

RT: 12.786 min Scan# 1631

Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05

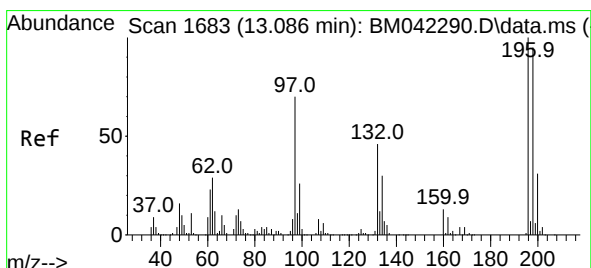
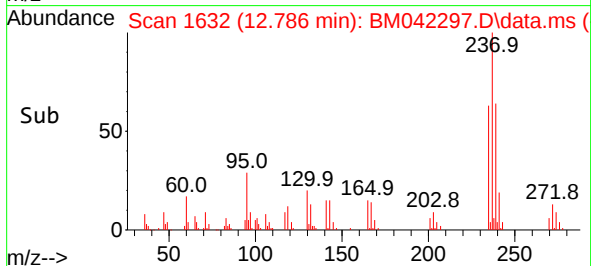
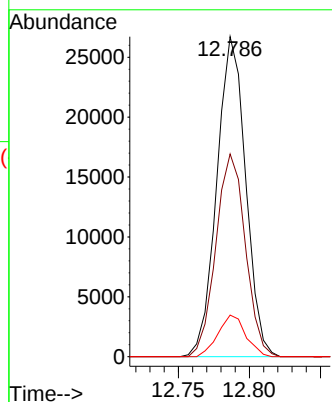
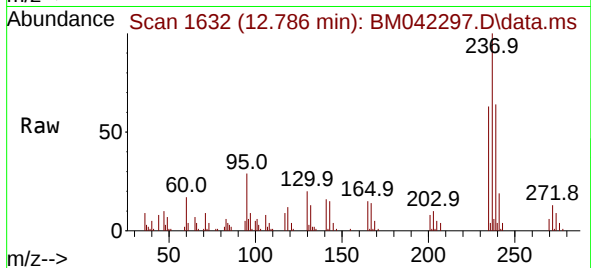
Tgt Ion:	237	Resp:	3774
Ion Ratio	Lower	Upper	
237	100		
235	63.4	51.5	77.3
272	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#41

2,4,6-Trichlorophenol

Concen: 3.812 ng/ul

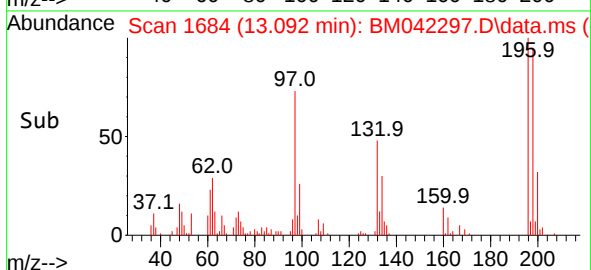
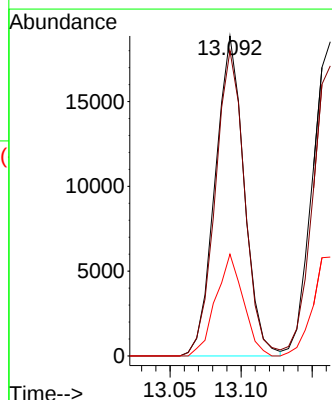
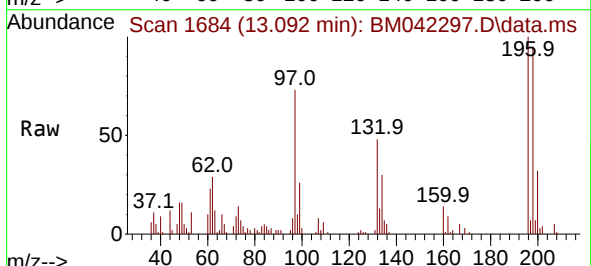
RT: 13.092 min Scan# 1684

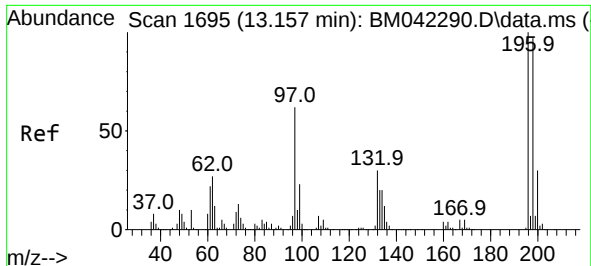
Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

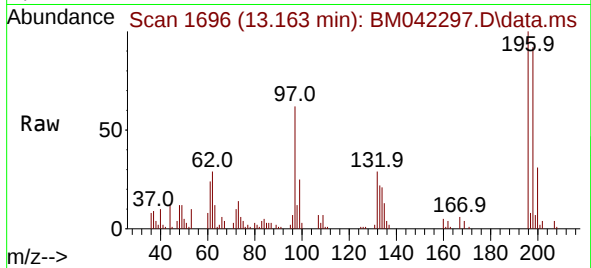
Tgt Ion:	196	Resp:	26737
Ion Ratio	Lower	Upper	
196	100		
198	95.4	79.5	119.3
200	31.8	25.3	37.9





#42
2,4,5-Trichlorophenol
Concen: 3.958 ng/ul
RT: 13.163 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

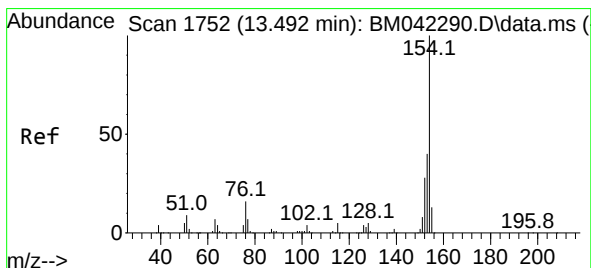
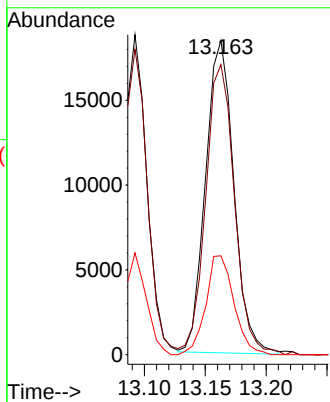
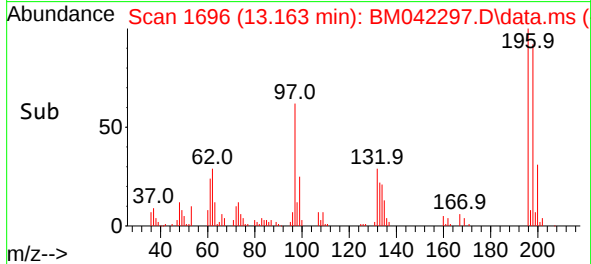
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



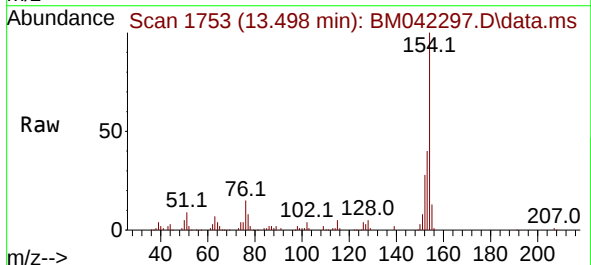
Tgt Ion:	196	Resp:	29800
Ion Ratio	Lower	Upper	
196	100		
198	92.3	76.4	114.6
200	31.5	24.3	36.5

Manual Integrations
APPROVED

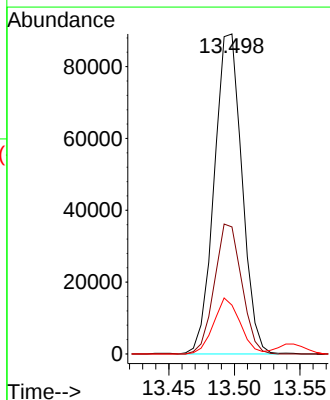
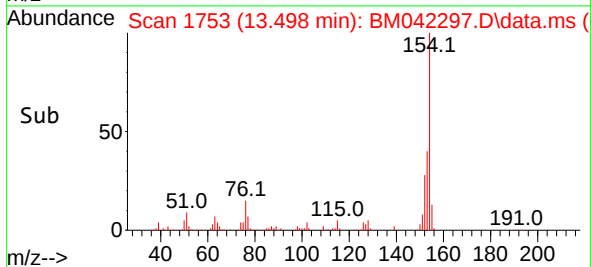
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

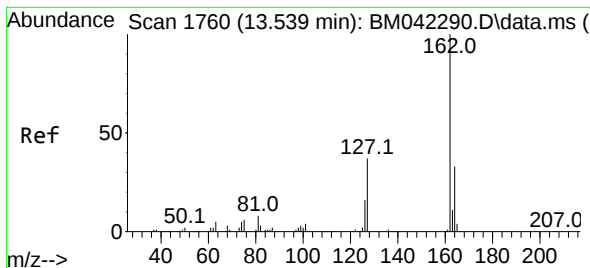


#43
1,1'-Biphenyl
Concen: 4.579 ng/ul
RT: 13.498 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



Tgt Ion:	154	Resp:	130750
Ion Ratio	Lower	Upper	
154	100		
153	39.7	32.9	49.3
76	15.3	13.0	19.4





#44

2-Chloronaphthalene

Concen: 4.589 ng/ul

RT: 13.545 min Scan# 1760

Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

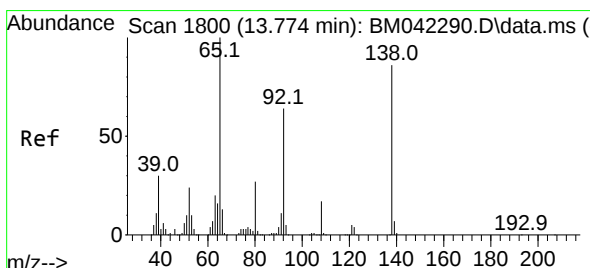
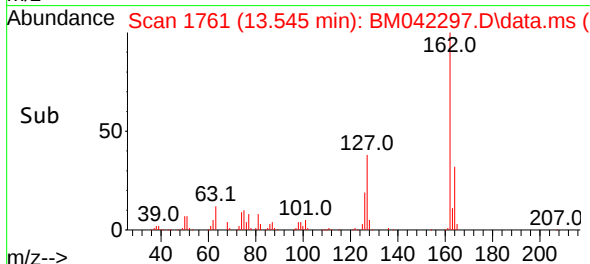
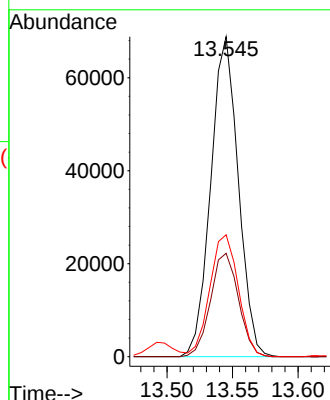
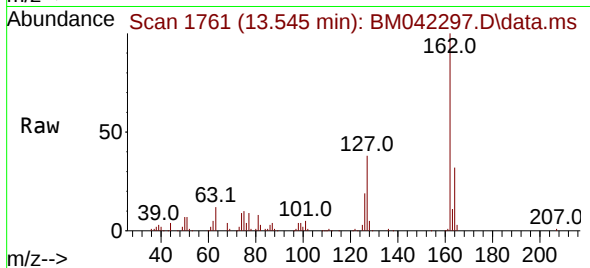
ClientSampleId :

MDL-WATER-QT3-2023-05

Tgt Ion:	162	Resp:	10044
Ion Ratio	Lower	Upper	
162	100		
164	32.3	26.9	40.3
127	38.1	32.1	48.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#45

2-Nitroaniline

Concen: 3.747 ng/ul

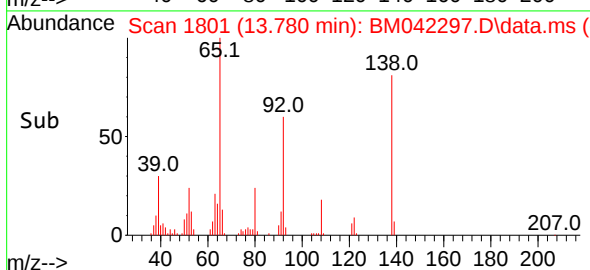
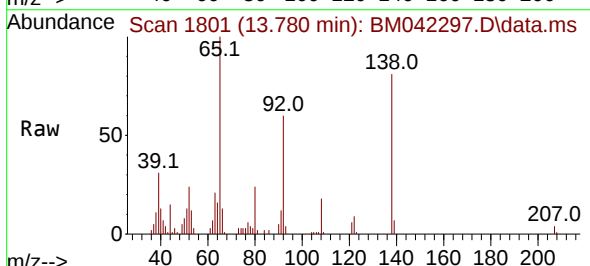
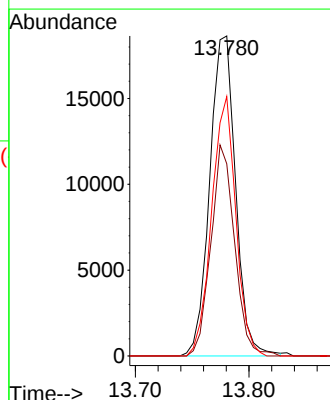
RT: 13.780 min Scan# 1801

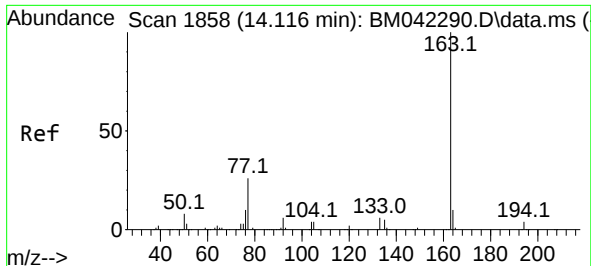
Delta R.T. 0.006 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

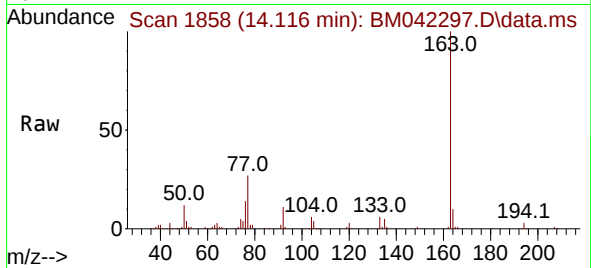
Tgt Ion:	65	Resp:	29480
Ion Ratio	Lower	Upper	
65	100		
92	60.1	50.0	75.0
138	81.0	66.4	99.6





#47
Dimethylphthalate
Concen: 4.540 ng/ul
RT: 14.116 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

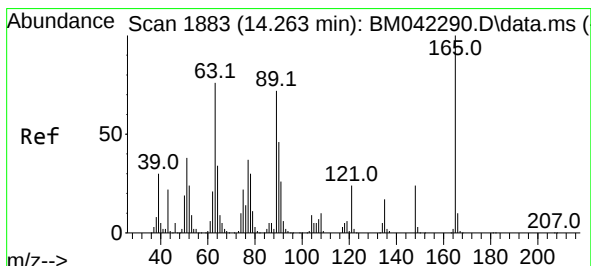
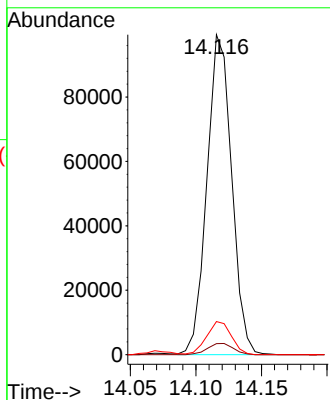
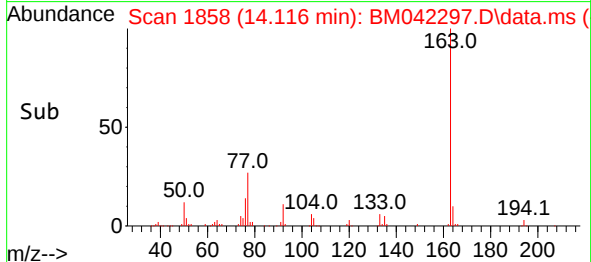
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



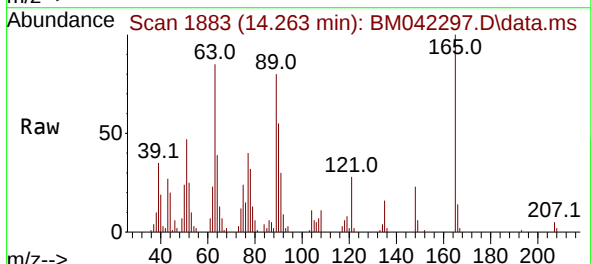
Tgt Ion:163 Resp: 130470
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.4 8.1 12.1

Manual Integrations
APPROVED

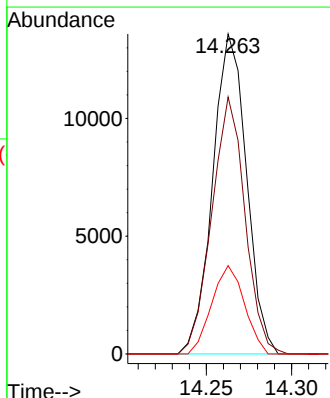
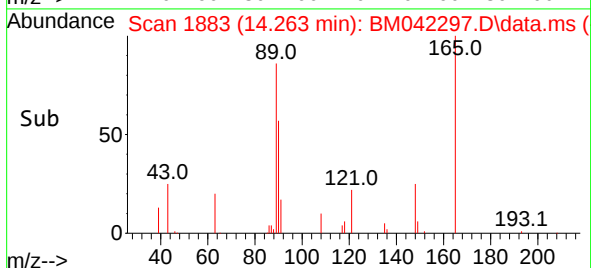
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

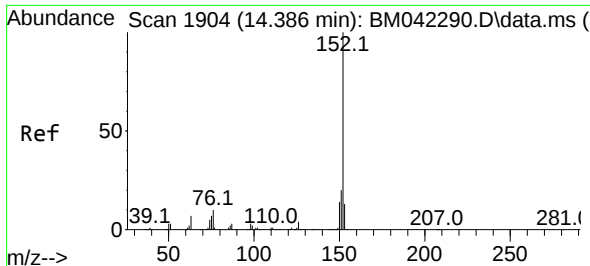


#48
2,6-Dinitrotoluene
Concen: 3.609 ng/ul
RT: 14.263 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



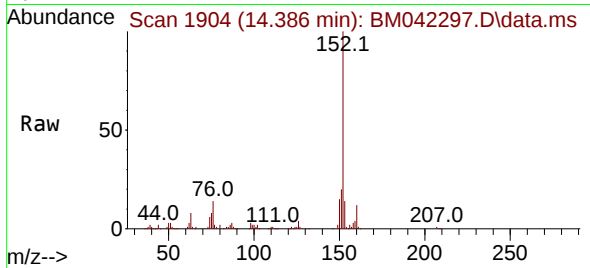
Tgt Ion:165 Resp: 18775
Ion Ratio Lower Upper
165 100
89 80.3 60.3 90.5
121 27.6 20.2 30.4





#50
Acenaphthylene
Concen: 4.634 ng/ul
RT: 14.386 min Scan# 1904
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

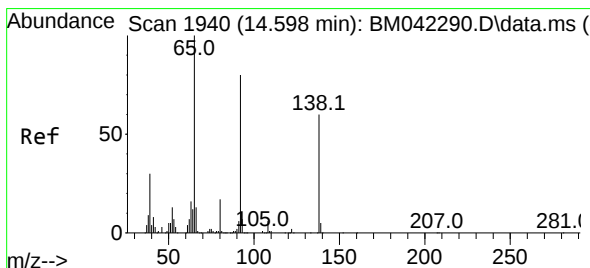
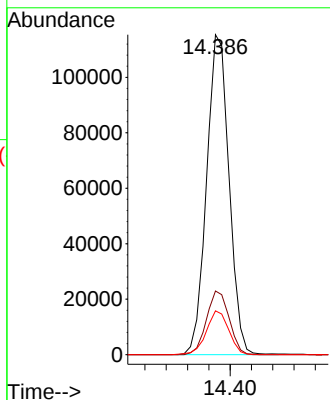
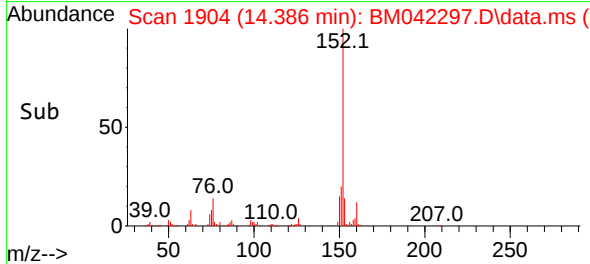
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:152 Resp: 16914
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.7 10.3 15.5

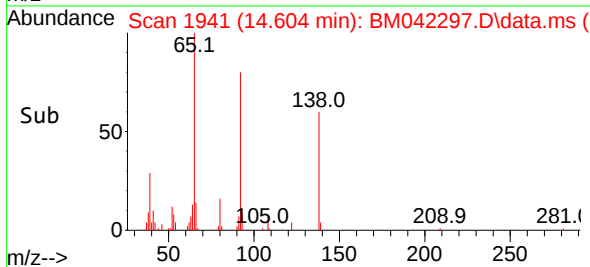
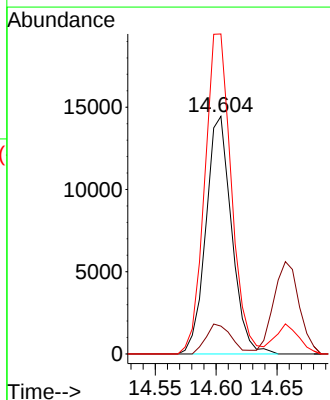
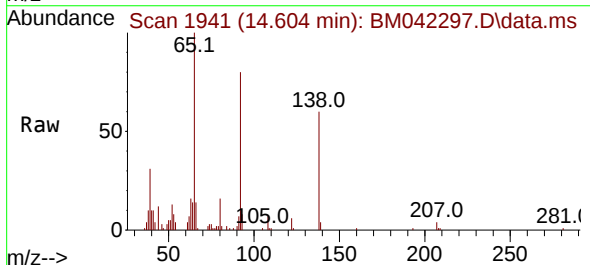
Manual Integrations
APPROVED

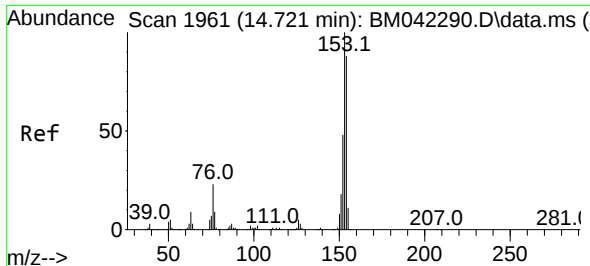
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#51
3-Nitroaniline
Concen: 3.466 ng/ul
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

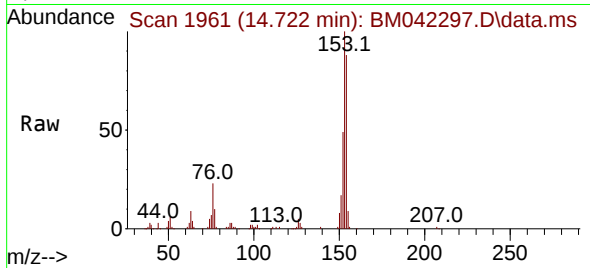
Tgt Ion:138 Resp: 21257
Ion Ratio Lower Upper
138 100
108 11.7 8.5 12.7
92 134.7 103.8 155.6





#52
Acenaphthene
Concen: 4.618 ng/ul
RT: 14.722 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

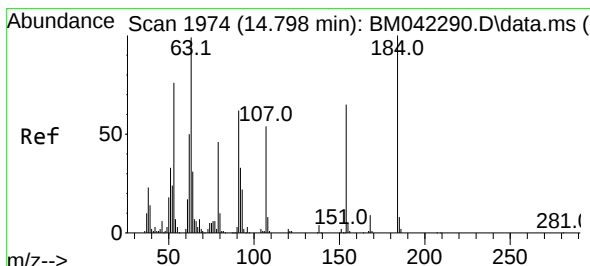
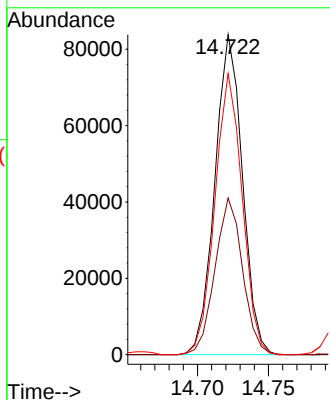
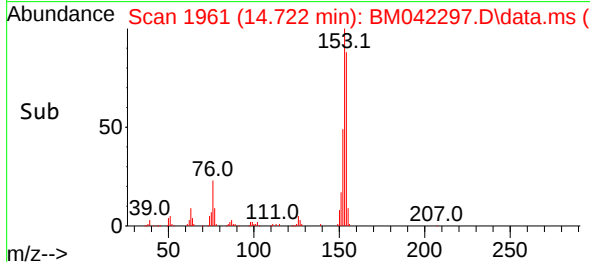
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



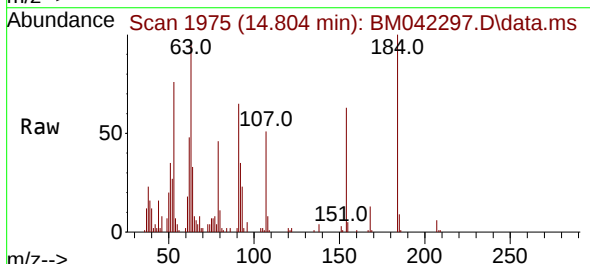
Tgt Ion:153 Resp: 11323
Ion Ratio Lower Upper
153 100
152 48.9 39.0 58.4
154 87.8 70.4 105.6

Manual Integrations
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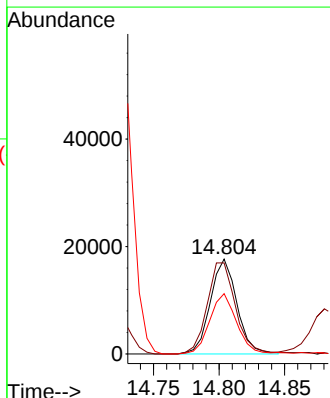
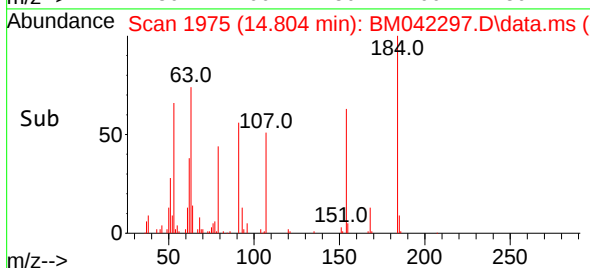
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

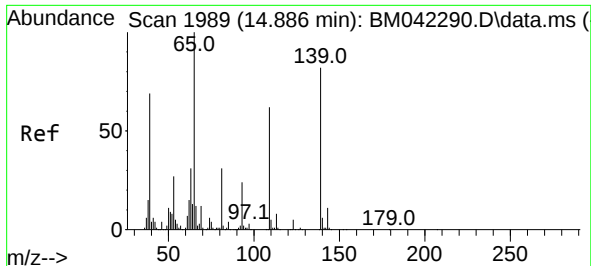


#53
2,4-Dinitrophenol
Concen: 7.078 ng/ul
RT: 14.804 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



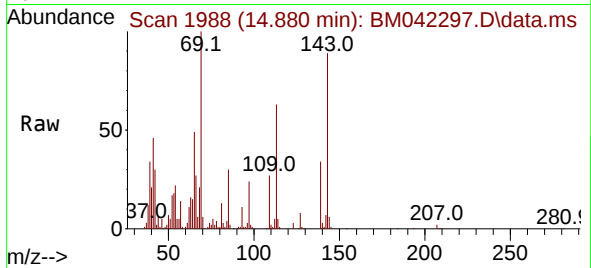
Tgt Ion:184 Resp: 24923
Ion Ratio Lower Upper
184 100
63 96.0 70.6 106.0
154 63.5 50.1 75.1





#55
4-Nitrophenol
Concen: 4.275 ng/ul
RT: 14.880 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

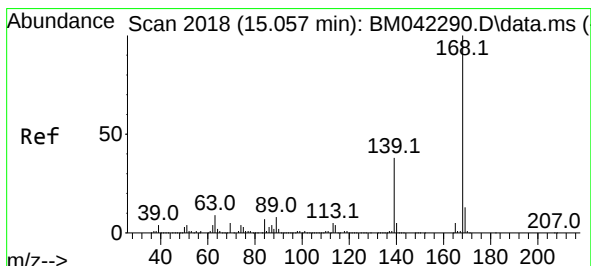
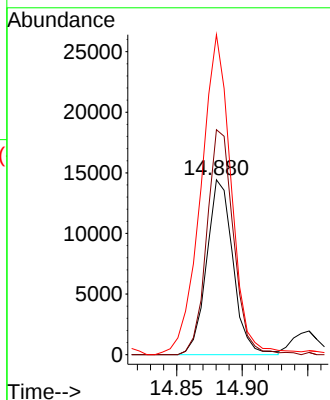
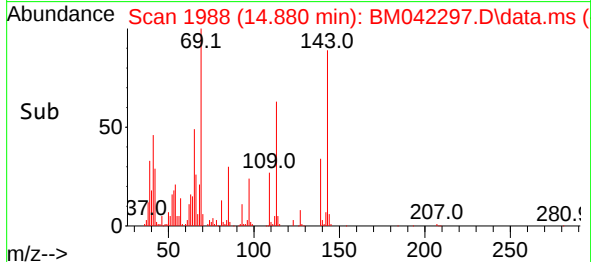
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:109 Resp: 2014
Ion Ratio Lower Upper
109 100
139 128.6 102.5 153.7
65 182.9 126.6 189.8

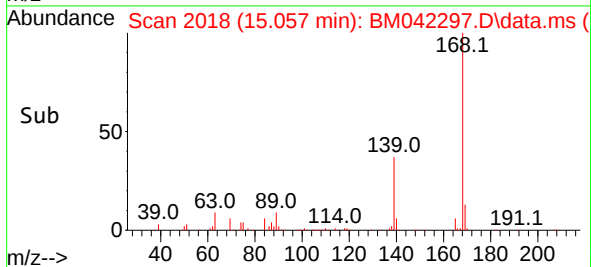
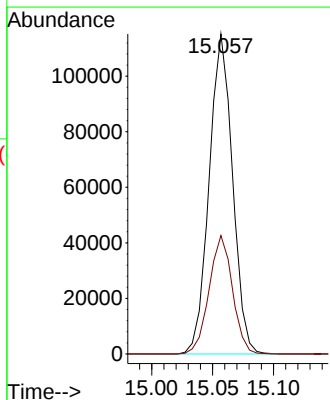
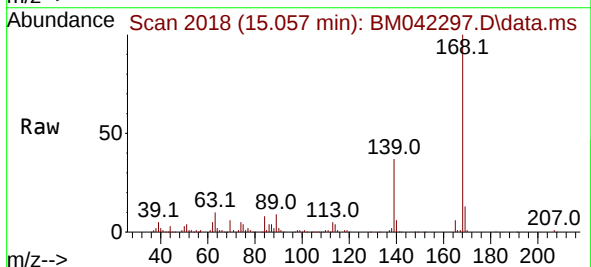
Manual Integrations
APPROVED

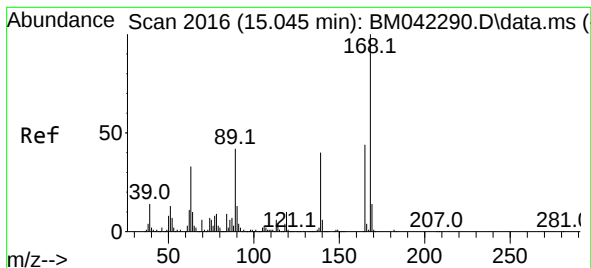
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.657 ng/ul
RT: 15.057 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

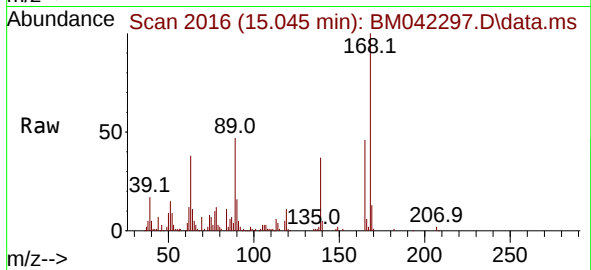
Tgt Ion:168 Resp: 153428
Ion Ratio Lower Upper
168 100
139 37.0 30.7 46.1





#57
2,4-Dinitrotoluene
Concen: 3.782 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

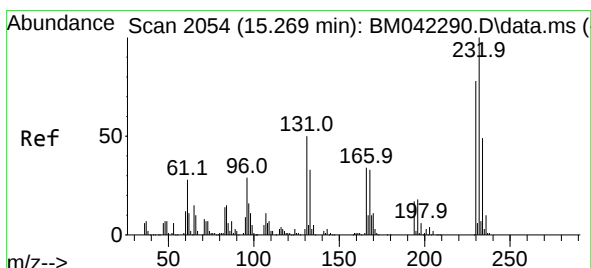
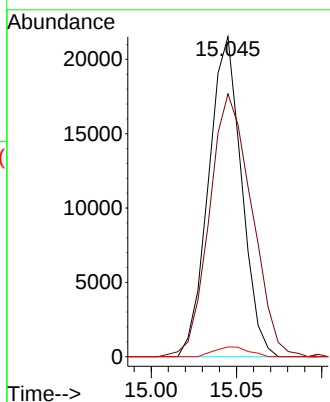
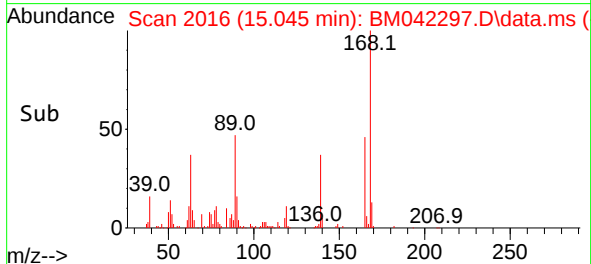
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:165 Resp: 29010
Ion Ratio Lower Upper
165 100
63 82.1 57.5 86.3
182 3.1 2.0 3.0

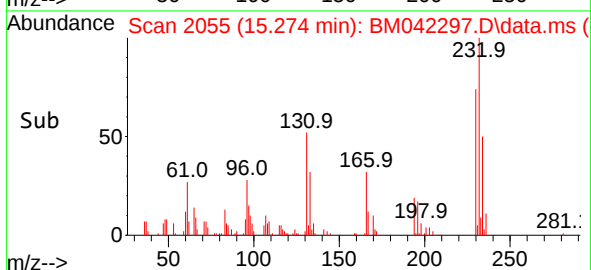
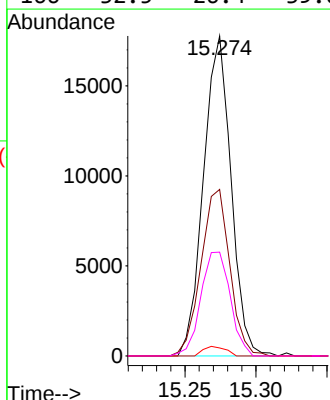
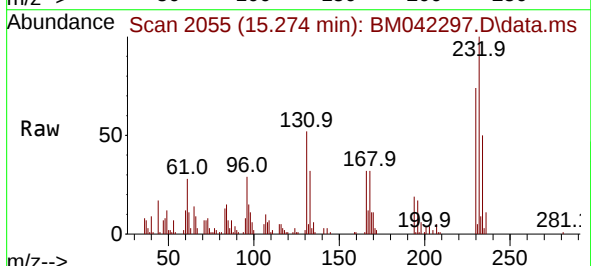
Manual Integrations
APPROVED

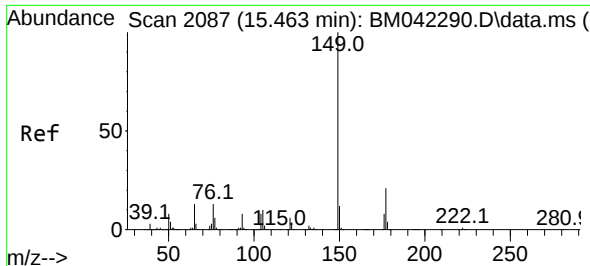
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.795 ng/ul
RT: 15.274 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

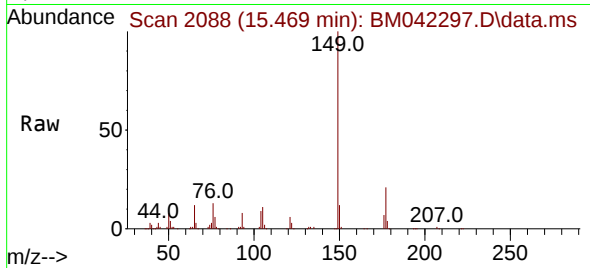
Tgt Ion:232 Resp: 23979
Ion Ratio Lower Upper
232 100
131 52.1 38.2 57.4
130 2.5 2.2 3.4
166 32.5 26.4 39.6





#59
Diethylphthalate
Concen: 4.317 ng/ul
RT: 15.469 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

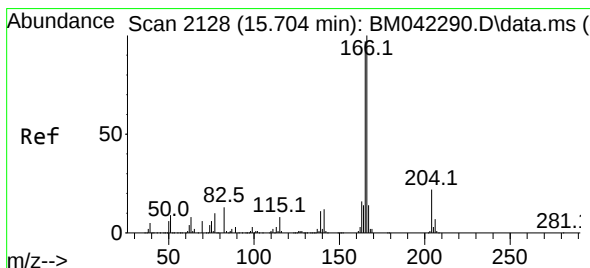
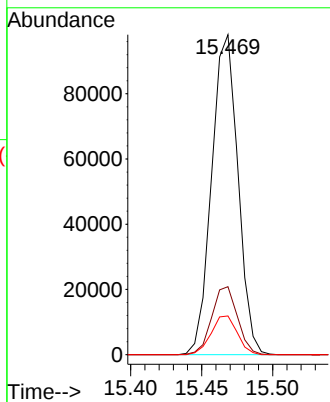
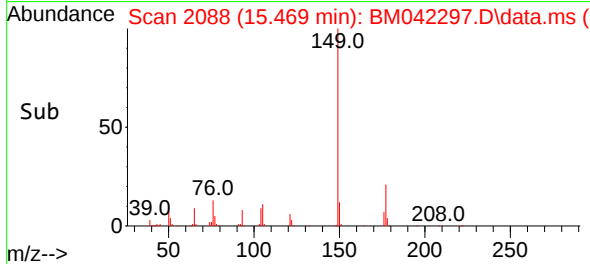
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:149 Resp: 12663
Ion Ratio Lower Upper
149 100
177 21.3 16.6 25.0
150 12.1 9.7 14.5

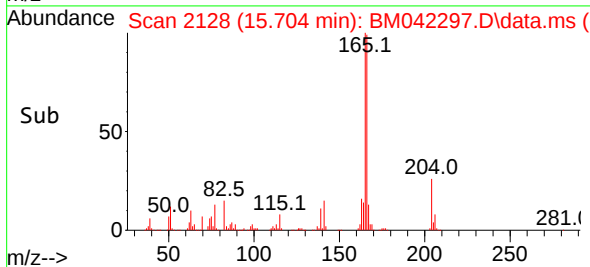
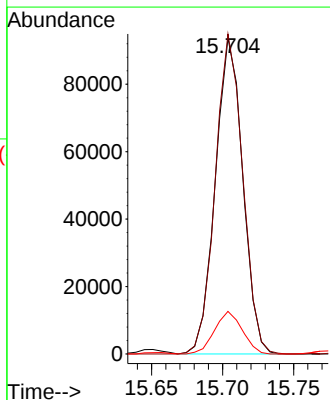
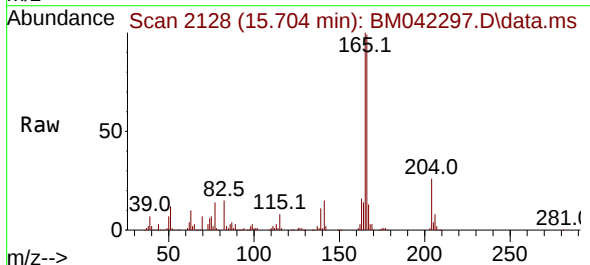
Manual Integrations
APPROVED

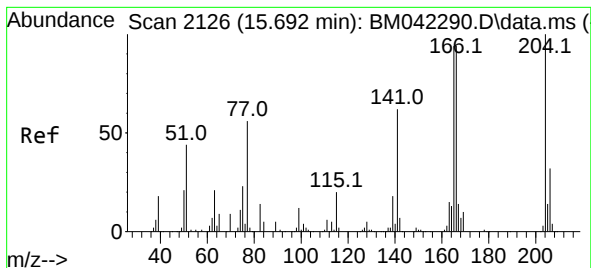
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 4.608 ng/ul
RT: 15.704 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

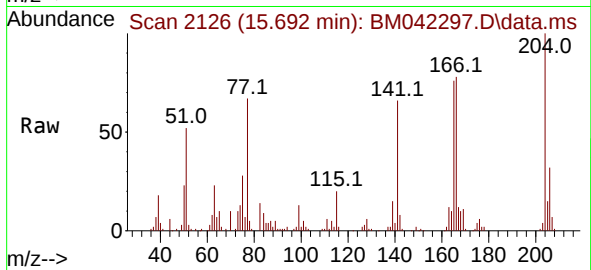
Tgt Ion:166 Resp: 125912
Ion Ratio Lower Upper
166 100
165 101.4 78.7 118.1
167 13.5 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.408 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

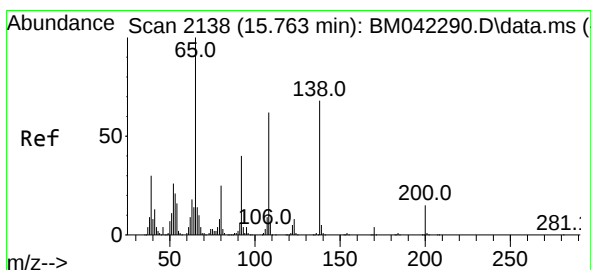
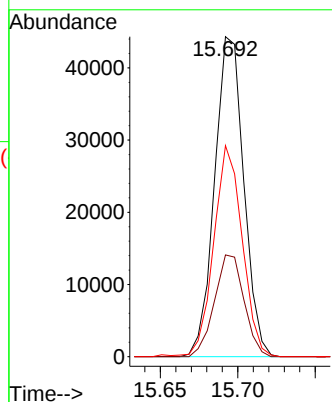
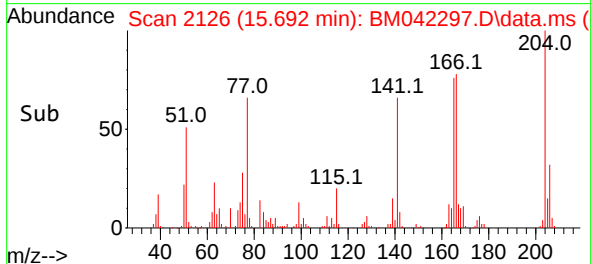
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



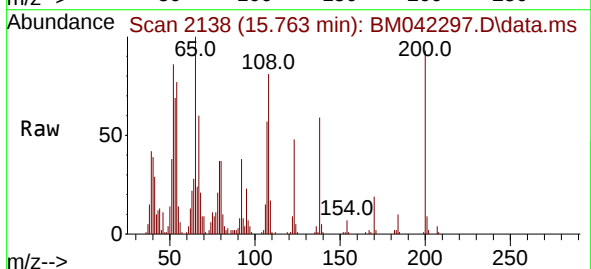
Tgt Ion:204 Resp: 5815
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 65.9 48.5 72.7

Manual Integrations
APPROVED

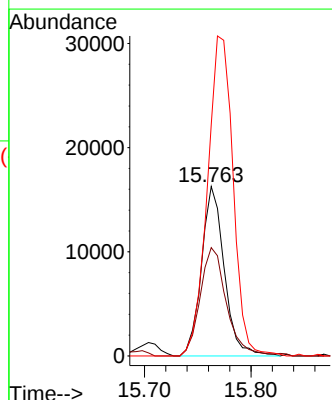
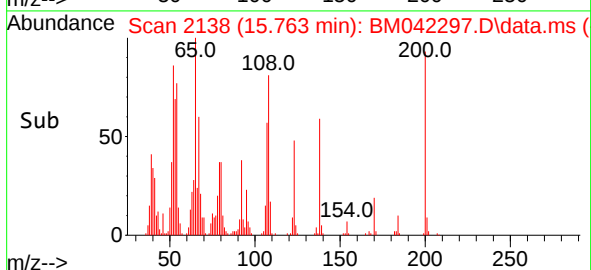
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

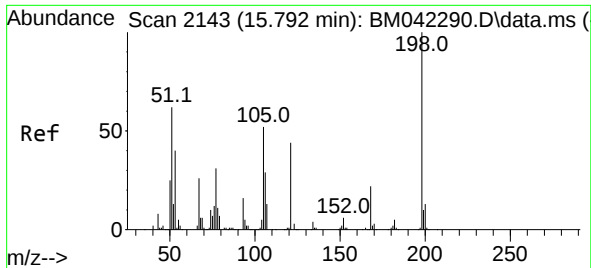


#63
4-Nitroaniline
Concen: 4.411 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



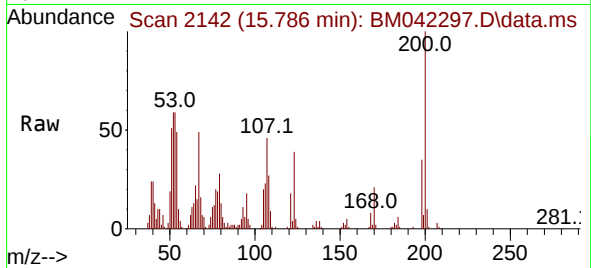
Tgt Ion:138 Resp: 24192
Ion Ratio Lower Upper
138 100
92 63.9 49.5 74.3
108 136.5 72.5 108.7#





#66
4,6-Dinitro-2-methylphenol
Concen: 3.921 ng/ul
RT: 15.786 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

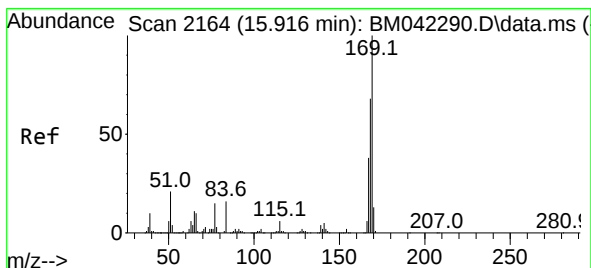
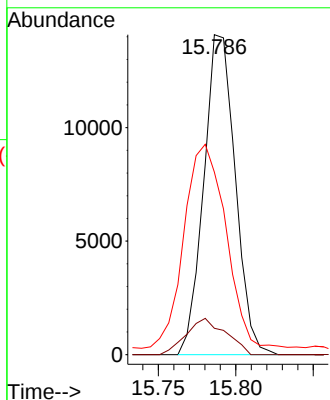
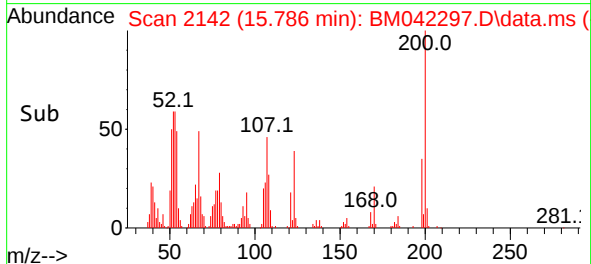
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:198 Resp: 1994
Ion Ratio Lower Upper
198 100
182 8.2 4.2 6.2
77 57.1 27.4 41.0

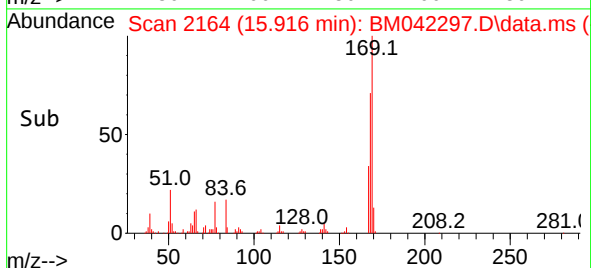
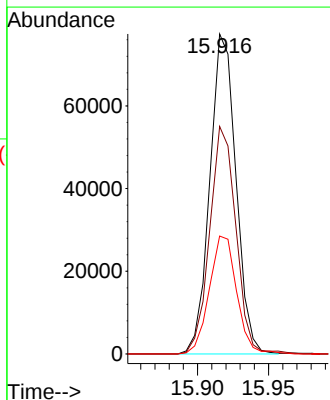
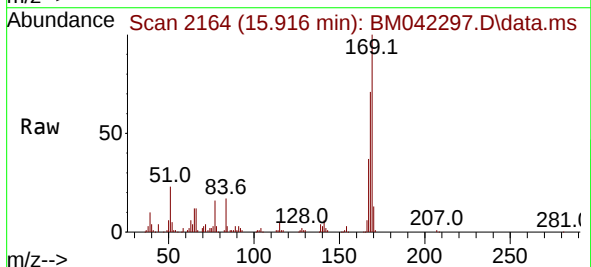
Manual Integrations
APPROVED

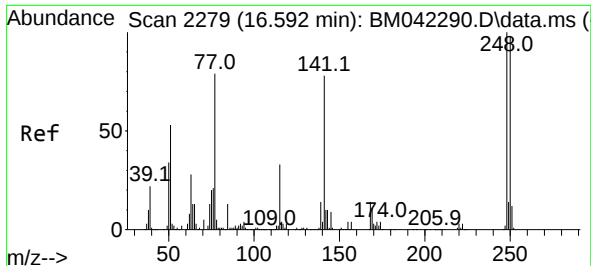
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.479 ng/ul
RT: 15.916 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

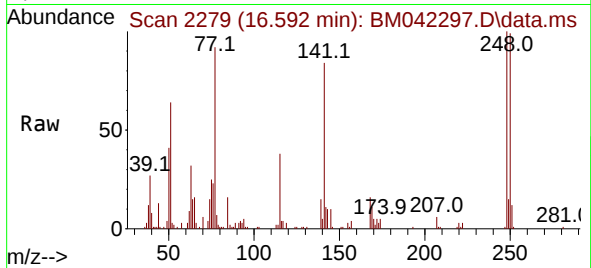
Tgt Ion:169 Resp: 98922
Ion Ratio Lower Upper
169 100
168 71.1 55.8 83.8
167 36.9 29.8 44.8





#68
4-Bromophenyl-phenylether
Concen: 4.133 ng/ul
RT: 16.592 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

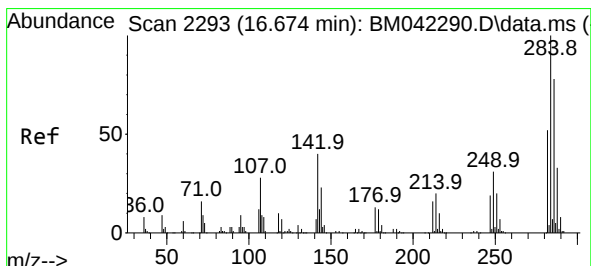
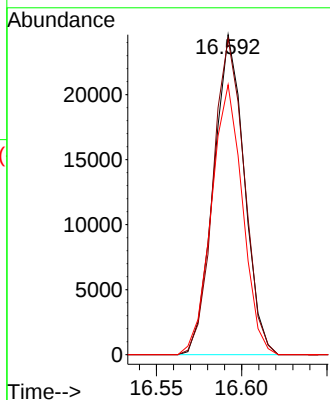
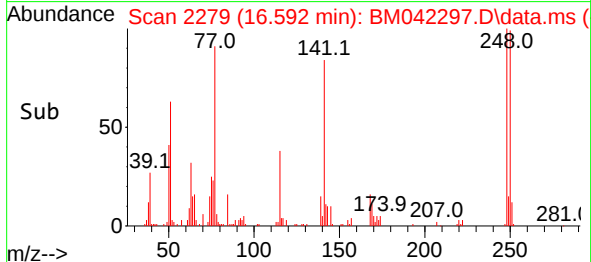
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



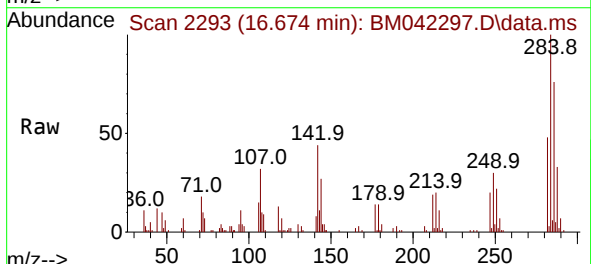
Tgt Ion:248 Resp: 30862
Ion Ratio Lower Upper
248 100
250 98.8 79.4 119.0
141 84.4 66.5 99.7

Manual Integrations
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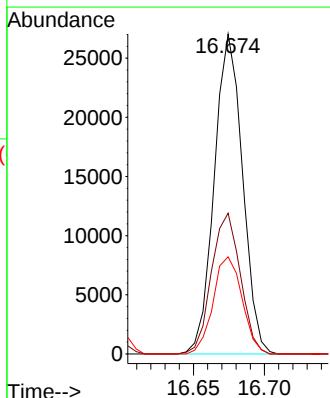
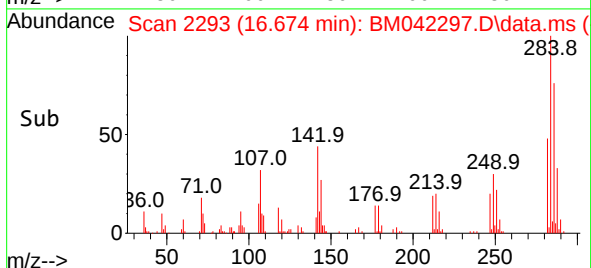
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

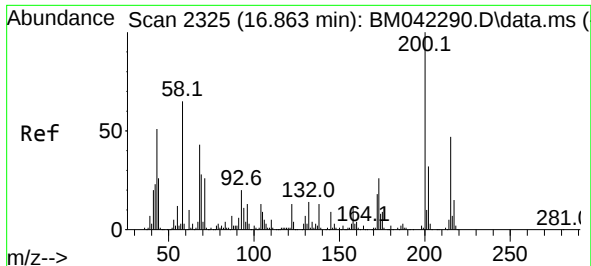


#69
Hexachlorobenzene
Concen: 4.400 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



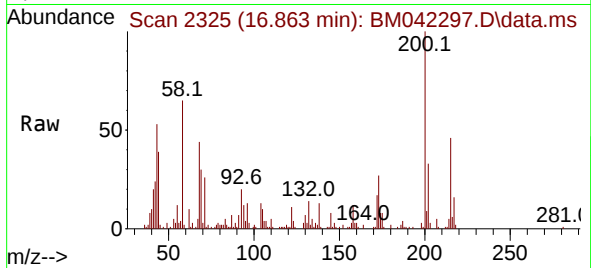
Tgt Ion:284 Resp: 37357
Ion Ratio Lower Upper
284 100
142 44.0 33.8 50.6
249 30.3 25.4 38.0





#70
Atrazine
Concen: 3.909 ng/ul
RT: 16.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

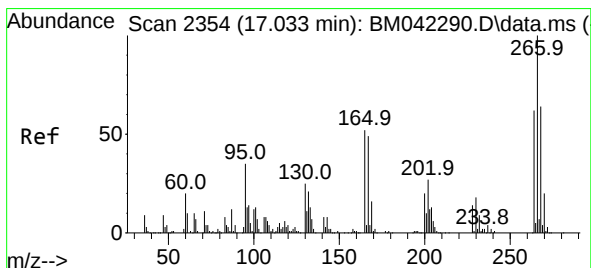
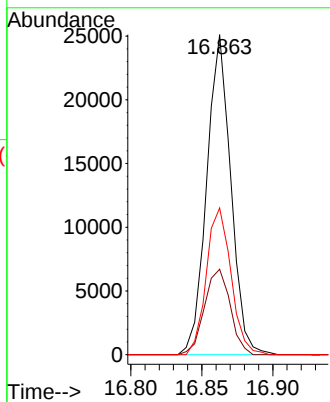
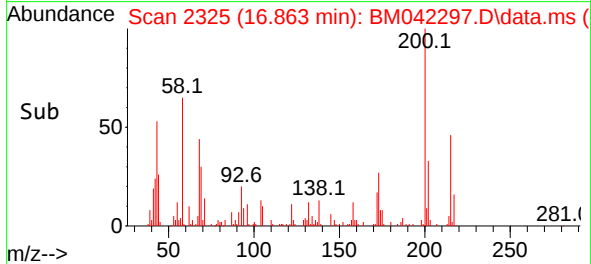
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



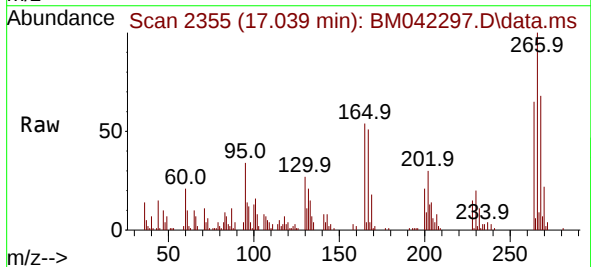
Tgt Ion:200 Resp: 29620
Ion Ratio Lower Upper
200 100
173 26.7 21.0 31.6
215 45.9 36.1 54.1

Manual Integrations
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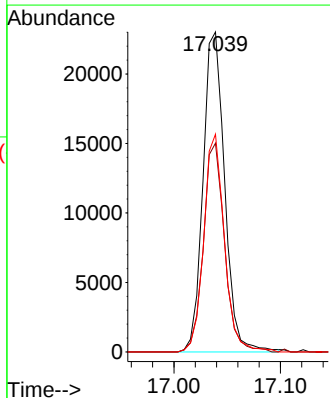
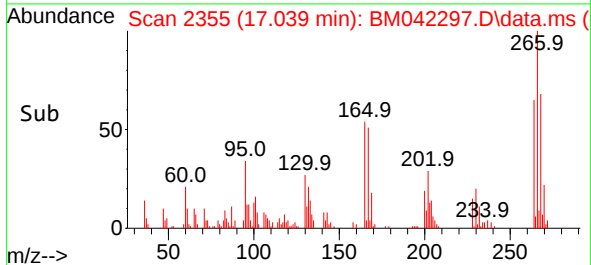
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

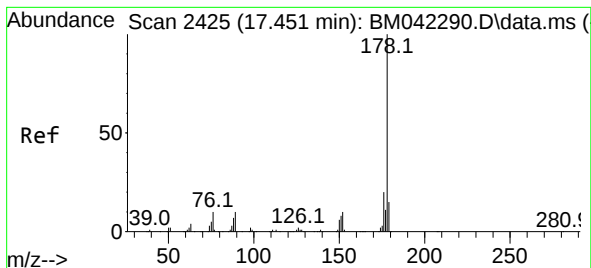


#71
Pentachlorophenol
Concen: 5.662 ng/ul
RT: 17.039 min Scan# 2355
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04



Tgt Ion:266 Resp: 32573
Ion Ratio Lower Upper
266 100
264 65.3 51.2 76.8
268 68.0 52.6 78.8





#72

Phenanthrene

Concen: 4.576 ng/ul

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05

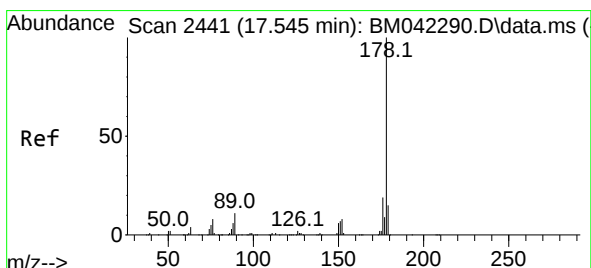
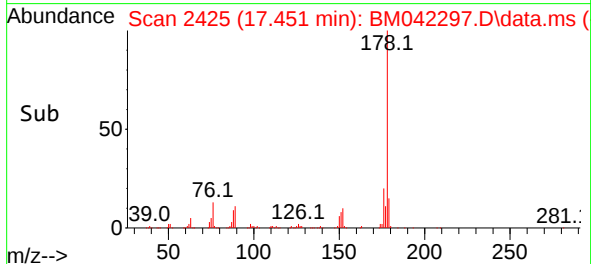
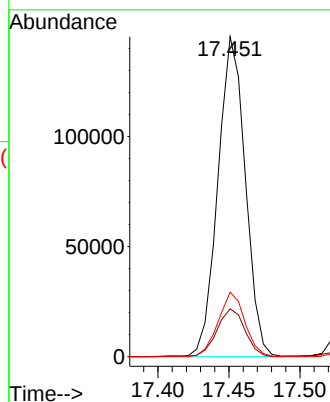
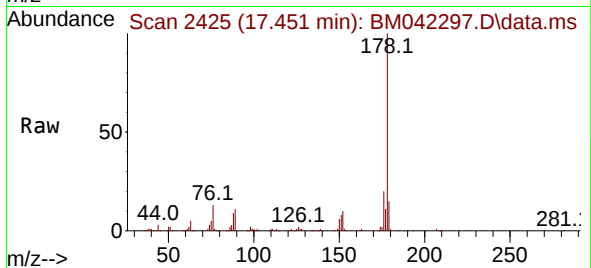
Tgt Ion:178 Resp: 19486
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.2 18.4
 176 20.2 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#74

Anthracene

Concen: 4.617 ng/ul

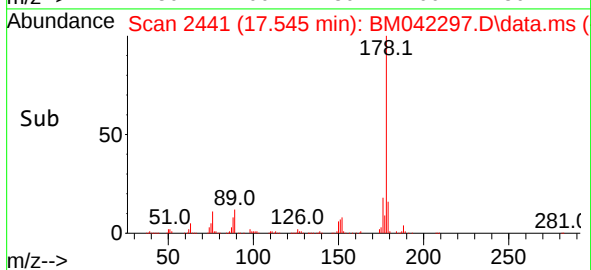
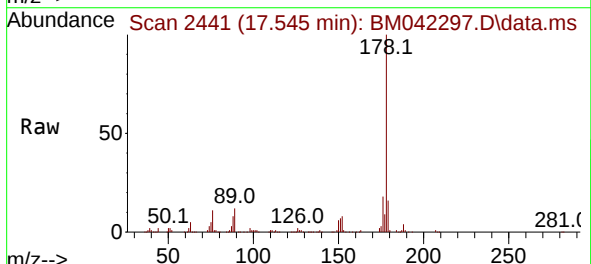
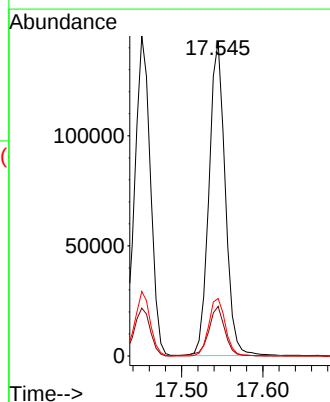
RT: 17.545 min Scan# 2441

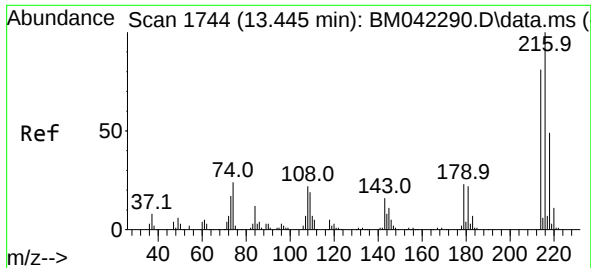
Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Tgt Ion:178 Resp: 197771
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.2 18.2
 176 18.2 15.0 22.4





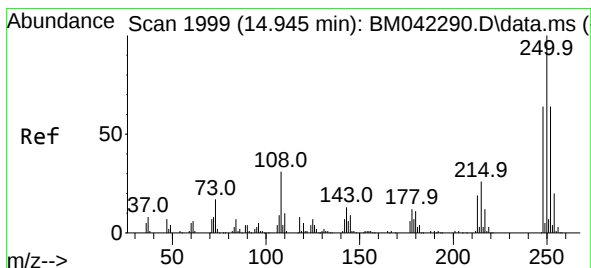
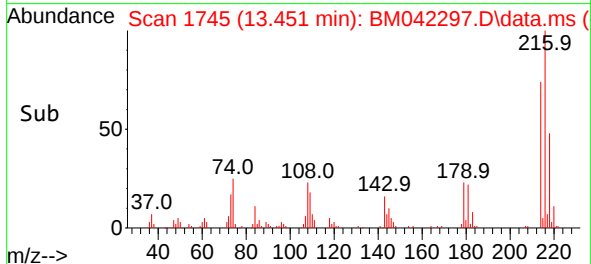
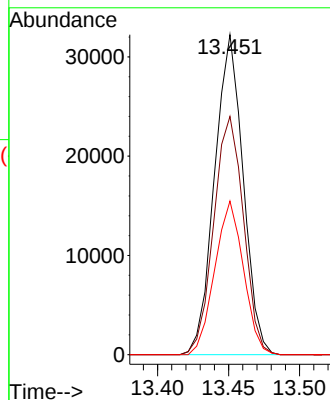
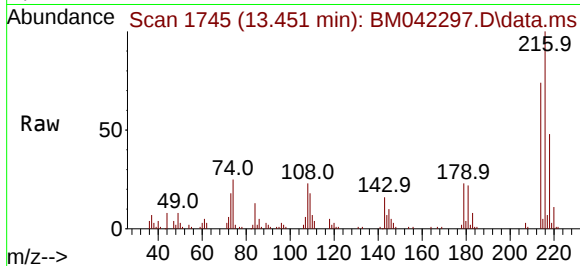
#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.392 ng/uL
RT: 13.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:216 Resp: 4517
Ion Ratio Lower Upper
216 100
214 74.4 62.0 93.0
218 48.0 38.8 58.2

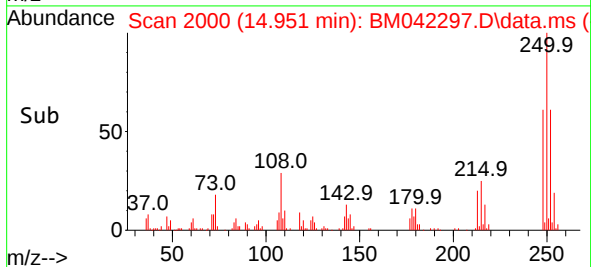
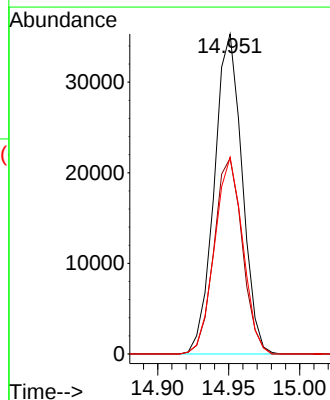
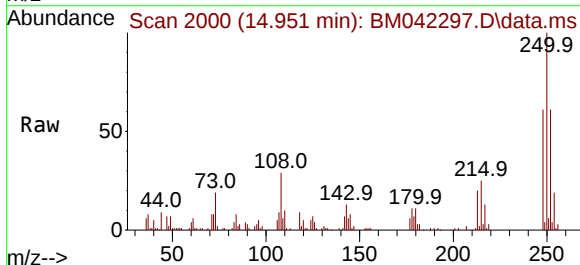
Manual Integrations
APPROVED

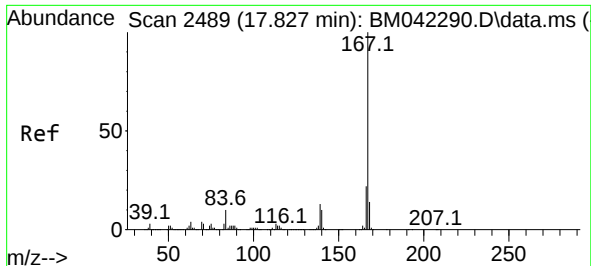
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#76
Pentachlorobenzene
Concen: 4.768 ng/uL
RT: 14.951 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

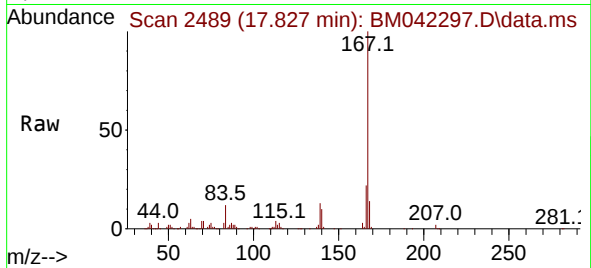
Tgt Ion:250 Resp: 48159
Ion Ratio Lower Upper
250 100
248 61.2 51.1 76.7
252 61.5 52.9 79.3





#77
 Carbazole
 Concen: 4.331 ng/ul
 RT: 17.827 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BM042297.D
 Acq: 16 Oct 2023 14:04

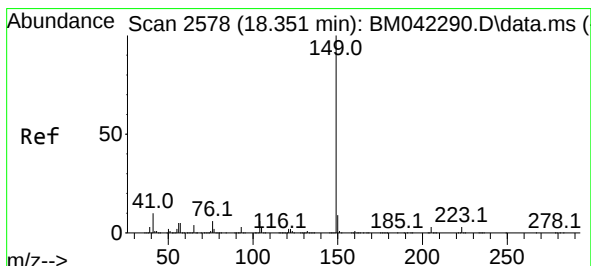
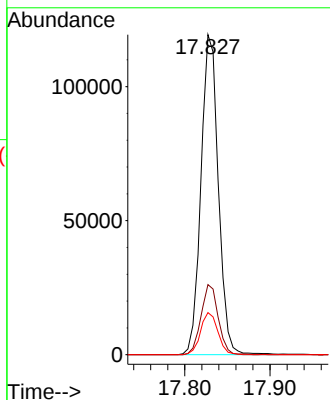
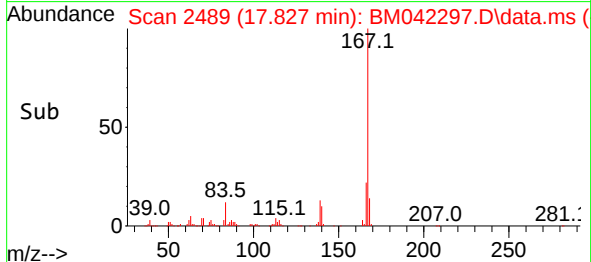
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-QT3-2023-05



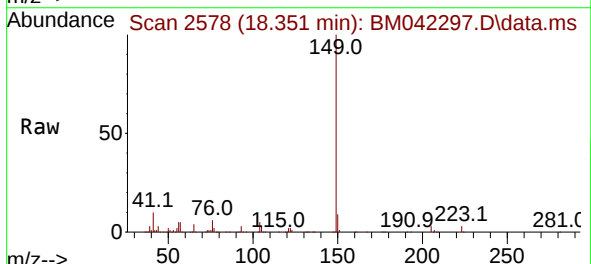
Tgt Ion:167 Resp: 16896
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.1 10.6 16.0

Manual Integrations
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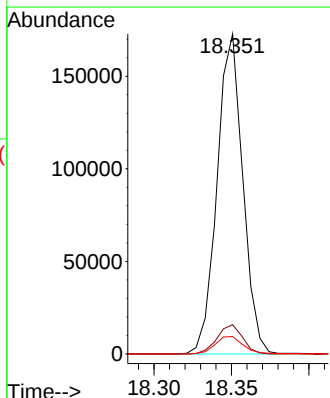
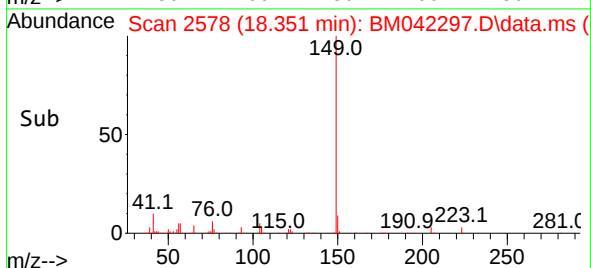
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

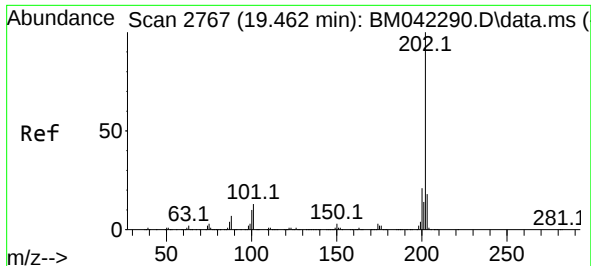


#78
 Di-n-butylphthalate
 Concen: 4.040 ng/ul
 RT: 18.351 min Scan# 2578
 Delta R.T. 0.000 min
 Lab File: BM042297.D
 Acq: 16 Oct 2023 14:04



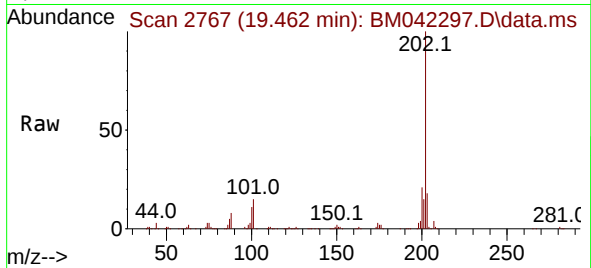
Tgt Ion:149 Resp: 199510
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.4 4.6 6.8





#80
Fluoranthene
Concen: 4.381 ng/u1
RT: 19.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

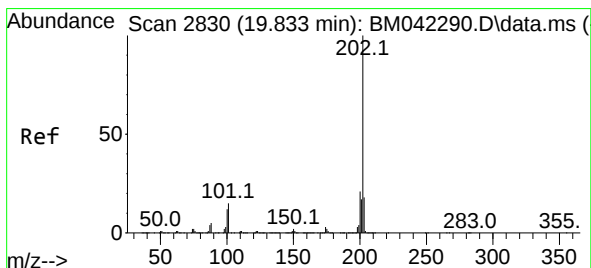
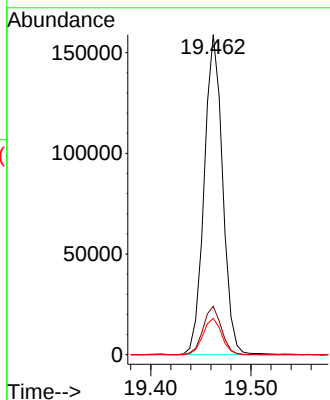
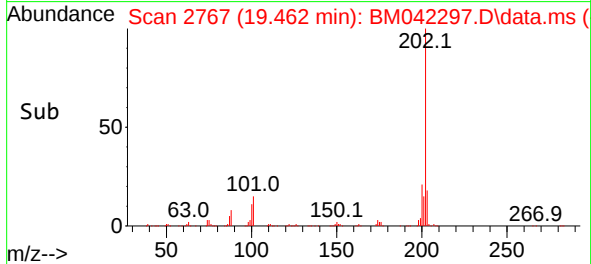
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:202 Resp: 20352
Ion Ratio Lower Upper
202 100
101 15.1 10.8 16.2
100 11.4 8.3 12.5

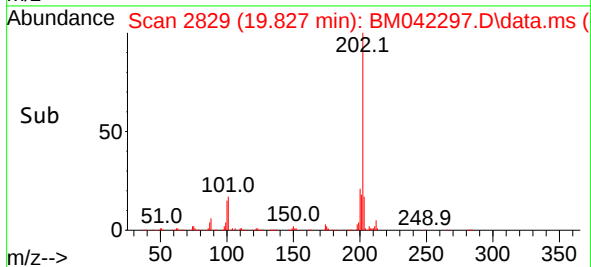
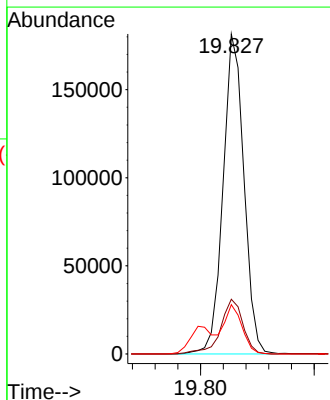
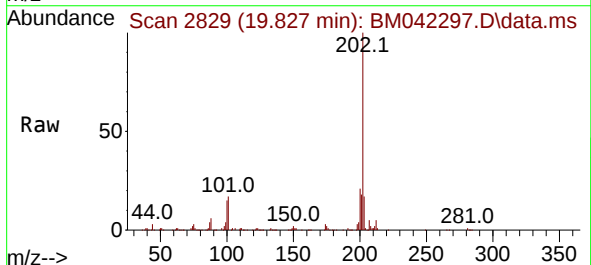
Manual Integrations
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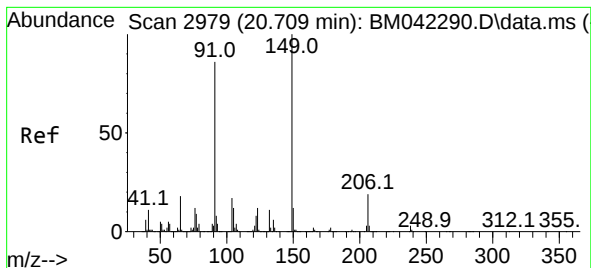
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#82
Pyrene
Concen: 4.742 ng/u1
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion:202 Resp: 231592
Ion Ratio Lower Upper
202 100
101 17.1 11.9 17.9
100 15.4 9.9 14.9#





#83

Butylbenzylphthalate

Concen: 3.731 ng/ul

RT: 20.709 min Scan# 2979

Delta R.T. 0.000 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05

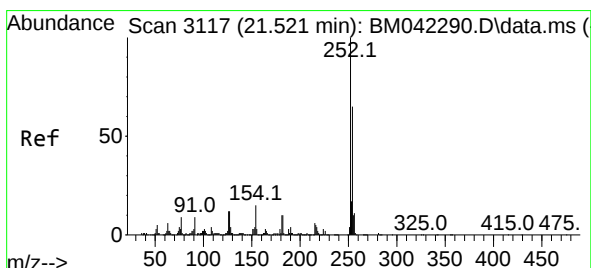
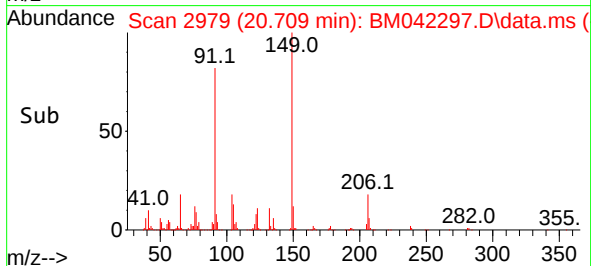
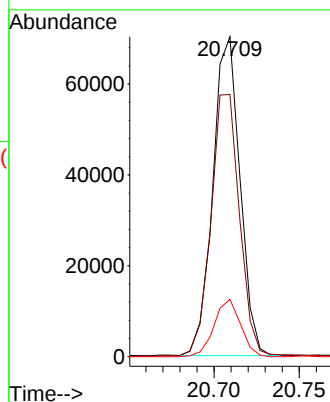
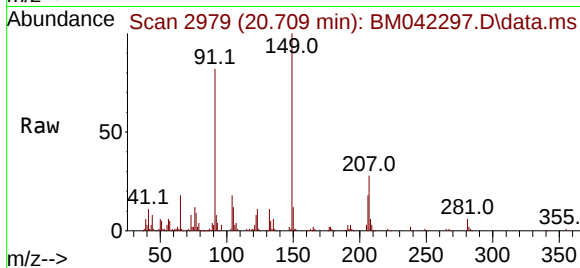
Tgt Ion:149	Resp:	77684
Ion Ratio	Lower	Upper
149	100	
91	81.9	67.1
206	17.9	14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.858 ng/ul

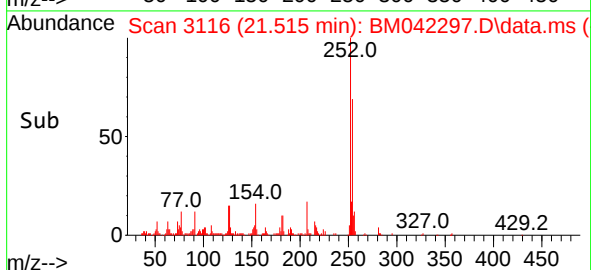
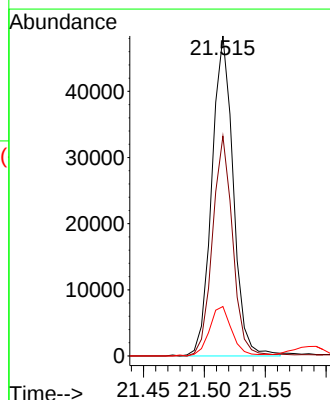
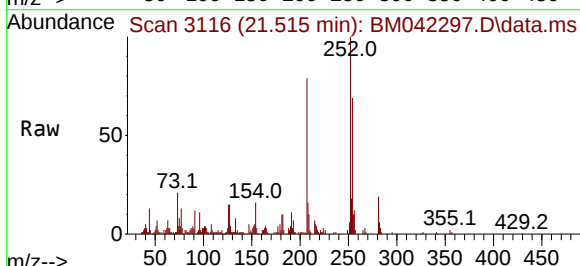
RT: 21.515 min Scan# 3116

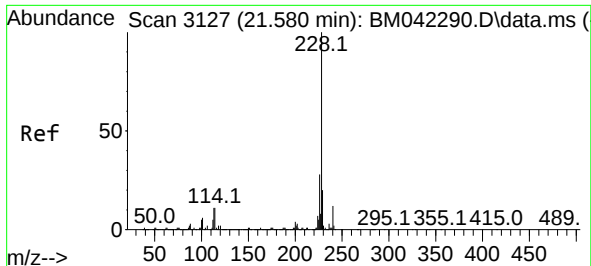
Delta R.T. -0.006 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

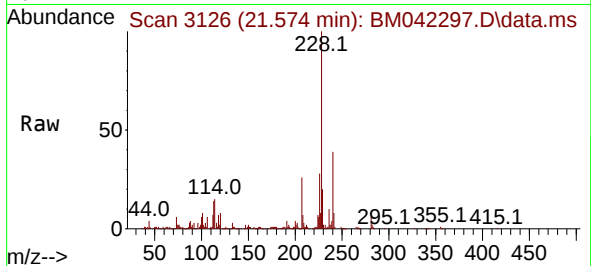
Tgt Ion:252	Resp:	59316
Ion Ratio	Lower	Upper
252	100	
254	68.7	52.5
126	15.4	10.4





#85
Benzo(a)anthracene
Concen: 4.296 ng/ul
RT: 21.574 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

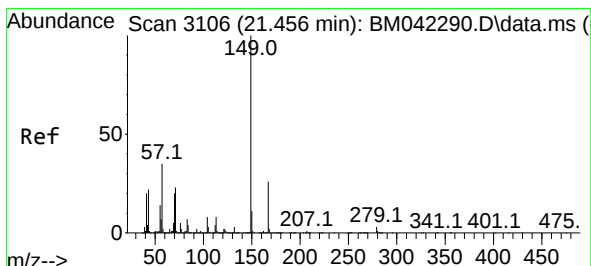
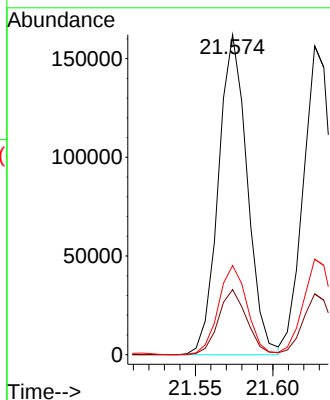
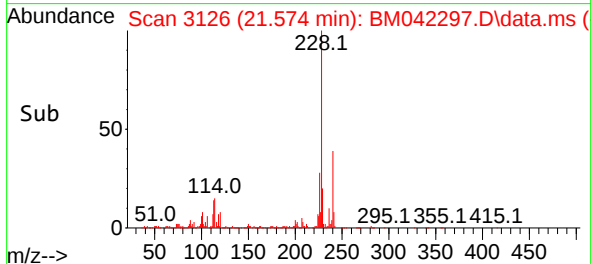
Instrument : BNA_M
ClientSampleId : MDL-WATER-QT3-2023-05



Tgt Ion:228 Resp: 20975
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.9 22.2 33.4

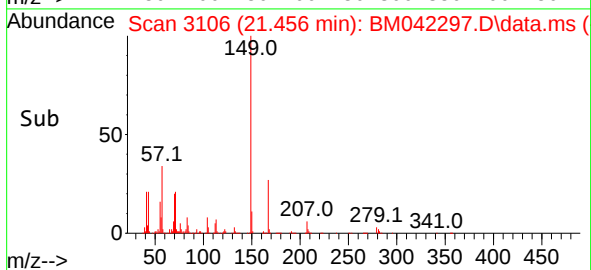
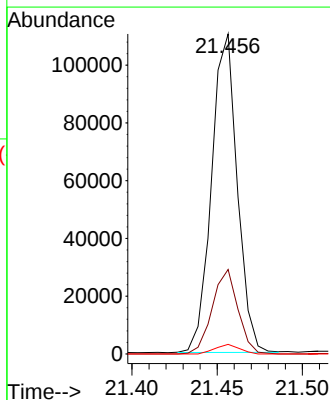
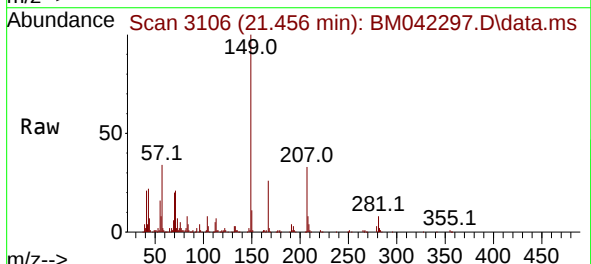
Manual Integrations
APPROVED

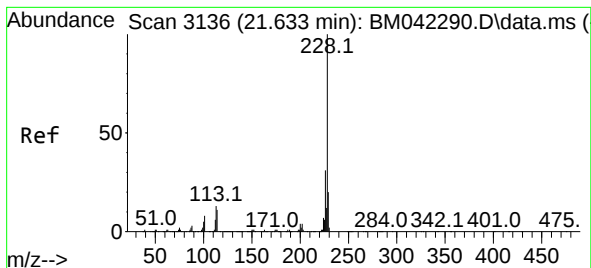
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.773 ng/ul
RT: 21.456 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion:149 Resp: 116054
Ion Ratio Lower Upper
149 100
167 26.4 21.1 31.7
279 3.0 2.4 3.6





#87

Chrysene

Concen: 4.485 ng/u1

RT: 21.627 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05

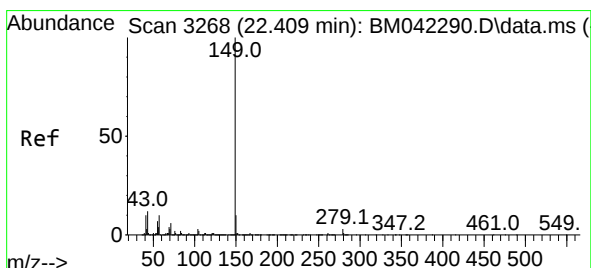
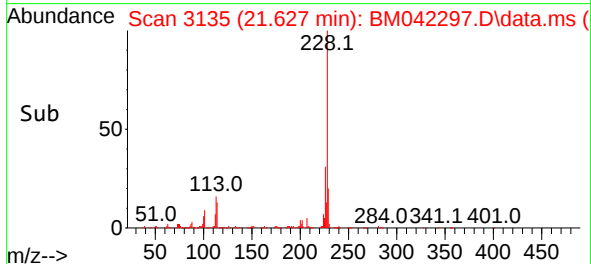
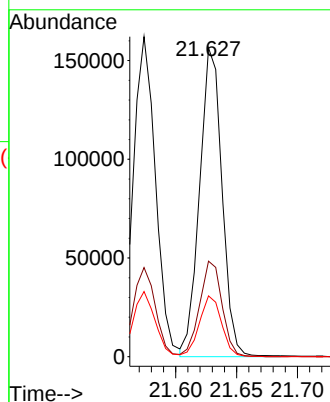
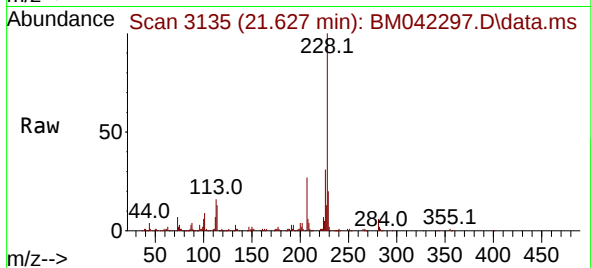
Tgt Ion:228 Resp: 201380
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.565 ng/u1

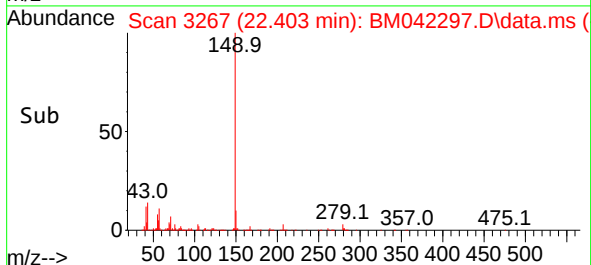
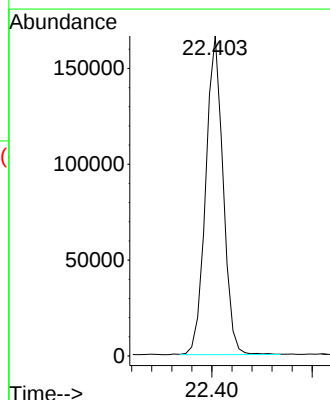
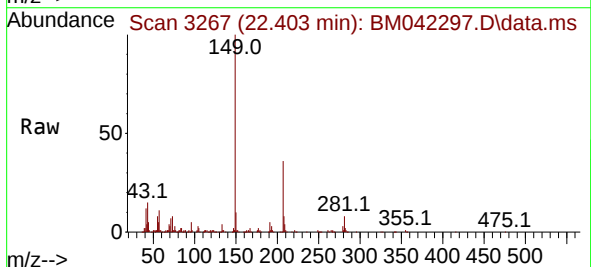
RT: 22.403 min Scan# 3267

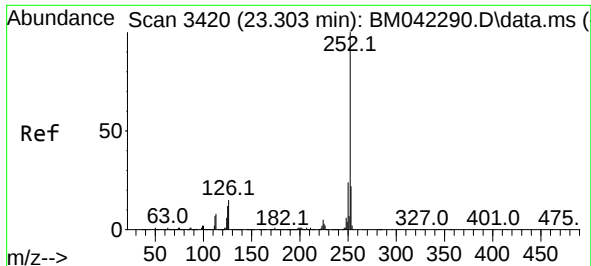
Delta R.T. -0.006 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

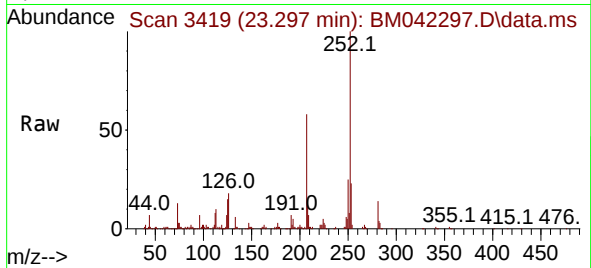
Tgt Ion:149 Resp: 200675





#90
Benzo(b)fluoranthene
Concen: 4.143 ng/ul m
RT: 23.297 min Scan# 3419
Delta R.T. -0.012 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

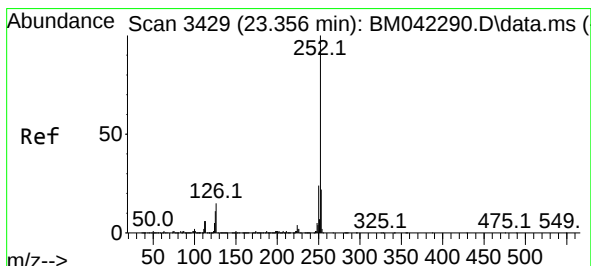
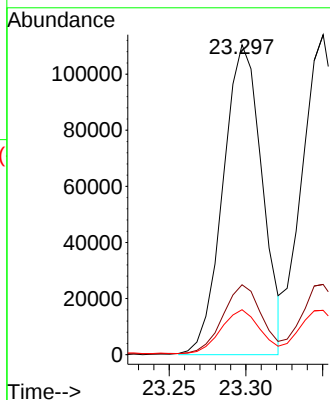
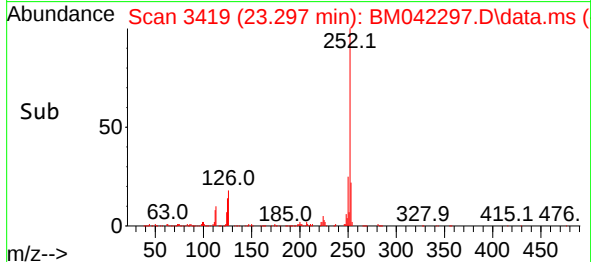
Instrument : BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:252 Resp: 196172
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 14.5 9.4 14.2

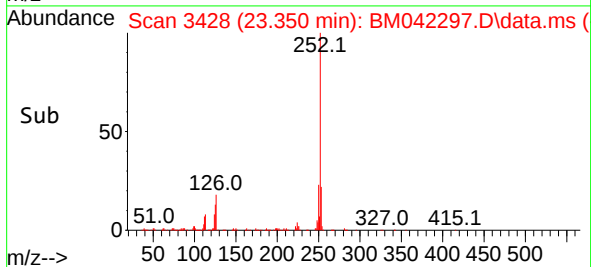
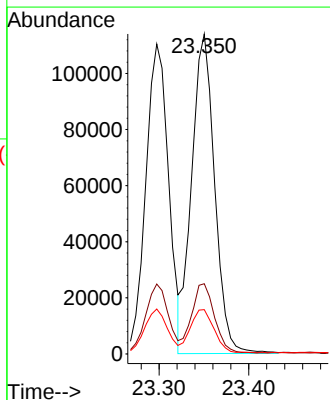
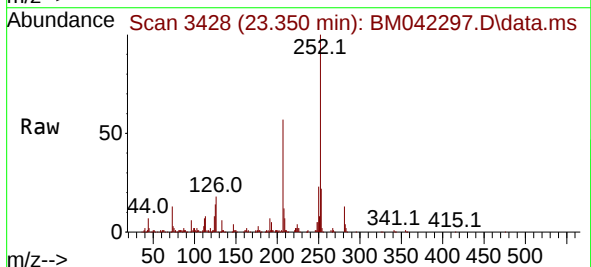
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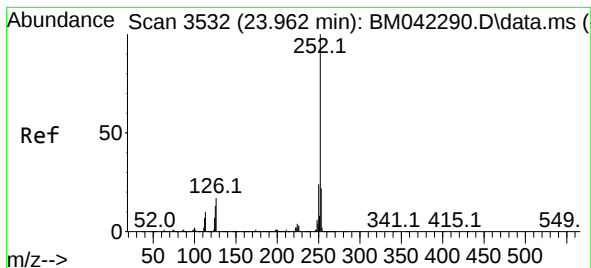
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.327 ng/ul
RT: 23.350 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BM042297.D
Acq: 16 Oct 2023 14:04

Tgt Ion:252 Resp: 202652
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 13.9 9.8 14.6





#93

Benzo(a)pyrene

Concen: 4.350 ng/ul

RT: 23.956 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05

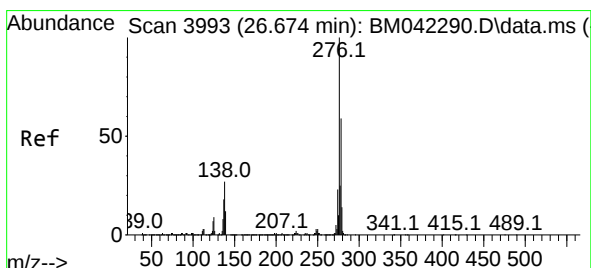
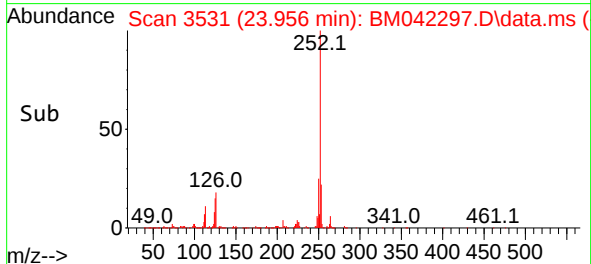
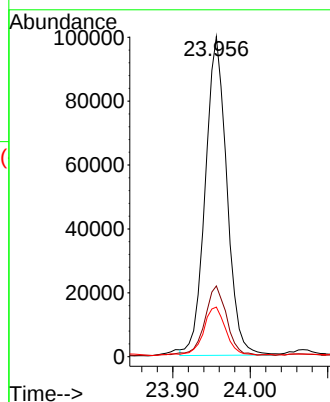
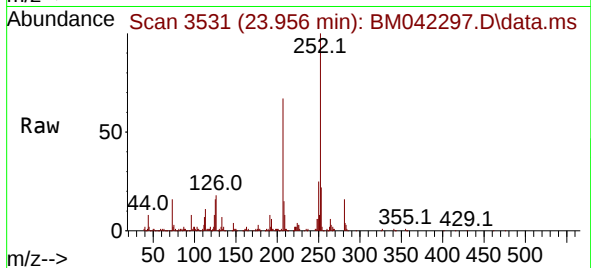
Tgt Ion:	252	Resp:	19275
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	15.5	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.046 ng/ul

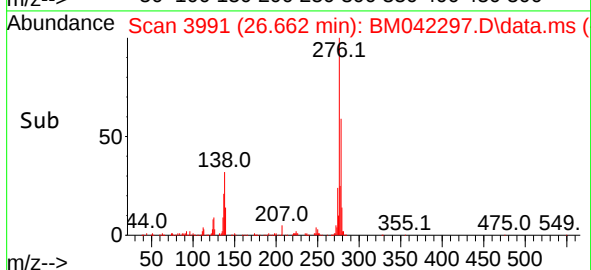
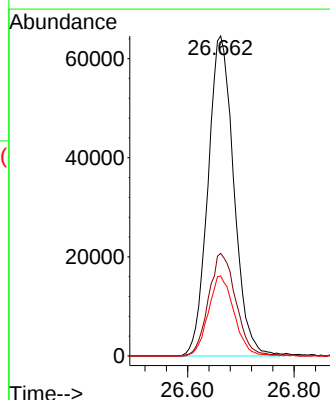
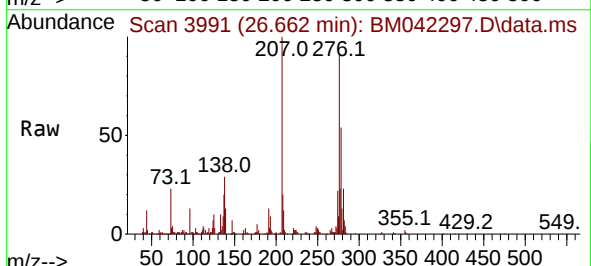
RT: 26.662 min Scan# 3991

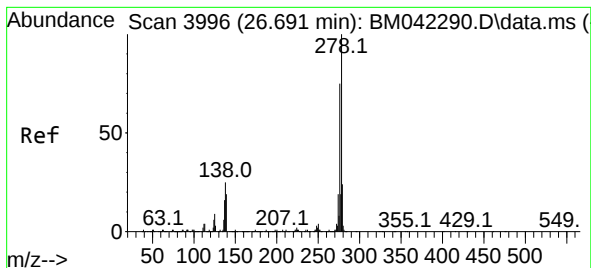
Delta R.T. -0.012 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Tgt Ion:	276	Resp:	217776
Ion Ratio	Lower	Upper	
276	100		
138	32.0	22.8	34.2
277	25.0	20.0	30.0





#95

Dibenzo(a,h)anthracene

Concen: 4.038 ng/ul

RT: 26.680 min Scan# 3996

Delta R.T. -0.012 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-QT3-2023-05

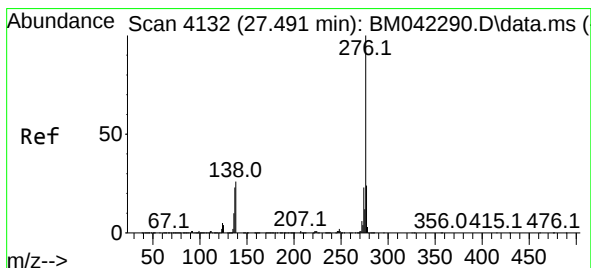
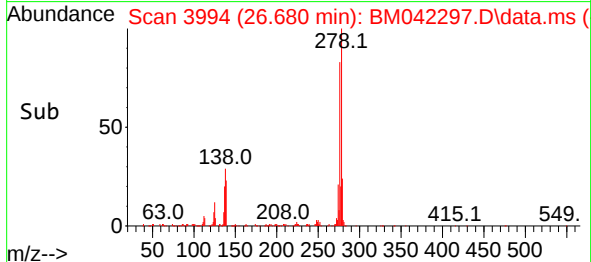
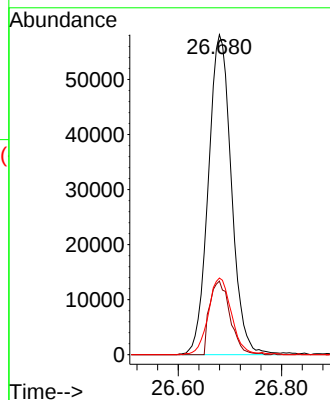
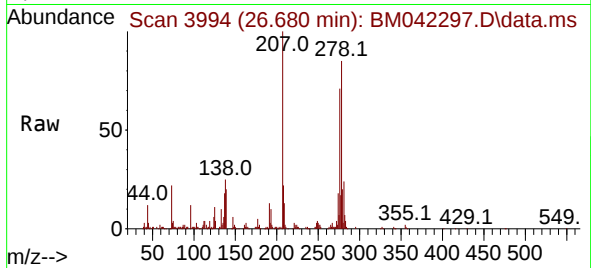
Tgt Ion:	278	Resp:	180274
Ion Ratio	Lower	Upper	
278	100		
139	23.0	15.8	23.8
279	24.0	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 3.983 ng/ul

RT: 27.474 min Scan# 4129

Delta R.T. -0.018 min

Lab File: BM042297.D

Acq: 16 Oct 2023 14:04

Tgt Ion:	276	Resp:	167697
Ion Ratio	Lower	Upper	
276	100		
138	30.8	22.1	33.1
277	23.8	19.4	29.0

