

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048230.D
 Acq On : 25 Oct 2024 10:07
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER-4 ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 25 10:50:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	309405	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1270558	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	813145	20.000	ng	0.00
64) Phenanthrene-d10	17.103	188	1579972	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1330868	20.000	ng	0.00
86) Perylene-d12	24.279	264	1387185	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1941479	105.477	ng	0.00
7) Phenol-d6	6.898	99	2573785	107.369	ng	0.00
23) Nitrobenzene-d5	8.875	82	1688458	75.034	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1019652	102.447	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	3789185	71.506	ng	0.00
79) Terphenyl-d14	19.733	244	4353880	66.762	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.204	88	27154	3.604	ng	98
3) Pyridine	3.616	79	59885m	2.992	ng	
4) n-Nitrosodimethylamine	3.516	42	29121	3.427	ng	# 97
6) Aniline	7.051	93	87434	4.394	ng	98
8) 2-Chlorophenol	7.286	128	72231	3.612	ng	96
9) Benzaldehyde	6.863	77	60449m	5.133	ng	
10) Phenol	6.922	94	86808	3.599	ng	87
11) bis(2-Chloroethyl)ether	7.145	93	71685	3.732	ng	99
12) 1,3-Dichlorobenzene	7.604	146	81320	3.527	ng	99
13) 1,4-Dichlorobenzene	7.751	146	82479	3.521	ng	98
14) 1,2-Dichlorobenzene	8.069	146	80110	3.539	ng	98
15) Benzyl Alcohol	7.963	79	50469	3.300	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.239	45	108893	3.876	ng	99
17) 2-Methylphenol	8.169	107	50918	3.177	ng	97
18) Hexachloroethane	8.792	117	29766	3.467	ng	100
19) n-Nitroso-di-n-propyla...	8.522	70	52737	3.477	ng	97
20) 3+4-Methylphenols	8.498	107	69987	3.153	ng	96
22) Acetophenone	8.539	105	110420	3.561	ng	# 97
24) Nitrobenzene	8.916	77	84464	3.623	ng	99
25) Isophorone	9.445	82	134384	3.258	ng	99
26) 2-Nitrophenol	9.633	139	30997	2.879	ng	94
27) 2,4-Dimethylphenol	9.698	122	27964	2.141	ng	98
28) bis(2-Chloroethoxy)met...	9.927	93	86229	3.304	ng	97
29) 2,4-Dichlorophenol	10.175	162	56113	2.987	ng	98
30) 1,2,4-Trichlorobenzene	10.375	180	73141	3.399	ng	99
31) Naphthalene	10.557	128	227430	3.432	ng	100
32) Benzoic acid	9.780	122	26265m	1.807	ng	
33) 4-Chloroaniline	10.686	127	76139	3.543	ng	97
34) Hexachlorobutadiene	10.845	225	44333	3.324	ng	99
35) Caprolactam	11.457	113	14578	2.389	ng	93
36) 4-Chloro-3-methylphenol	11.810	107	57789	2.946	ng	100
37) 2-Methylnaphthalene	12.174	142	147799	3.338	ng	98
38) 1-Methylnaphthalene	12.398	142	138937	3.165	ng	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	80810	3.477	ng	99
41) Hexachlorocyclopentadiene	12.527	237	15016	1.909	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	46138	2.991	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	49973	2.905	ng	97
46) 1,1'-Biphenyl	13.192	154	210724	3.630	ng	100
47) 2-Chloronaphthalene	13.233	162	152725	3.336	ng	98
48) 2-Nitroaniline	13.451	65	35292	2.843	ng	95
49) Acenaphthylene	14.080	152	231620	3.468	ng	98
50) Dimethylphthalate	13.821	163	182328	3.285	ng	99
51) 2,6-Dinitrotoluene	13.939	165	33933	2.740	ng	90
52) Acenaphthene	14.427	154	140328	3.307	ng	100
53) 3-Nitroaniline	14.280	138	29849	2.555	ng	98
54) 2,4-Dinitrophenol	14.498	184	11590	1.601	ng	94
55) Dibenzofuran	14.762	168	232846	3.454	ng	98
56) 4-Nitrophenol	14.615	139	17872	1.714	ng	92
57) 2,4-Dinitrotoluene	14.739	165	41515	2.538	ng	97
58) Fluorene	15.409	166	178276	3.344	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	45415	3.186	ng	99
60) Diethylphthalate	15.186	149	173985	3.096	ng	99
61) 4-Chlorophenyl-phenyle...	15.409	204	90651	3.401	ng	95
62) 4-Nitroaniline	15.445	138	24219	2.003	ng	93
63) Azobenzene	15.698	77	155881	3.094	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	18788	2.049	ng	97
66) n-Nitrosodiphenylamine	15.621	169	142969	3.296	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	53246	3.324	ng	96
68) Hexachlorobenzene	16.415	284	64042	3.329	ng	99
69) Atrazine	16.574	200	46436	3.826	ng	96
70) Pentachlorophenol	16.768	266	32062	2.538	ng	96
71) Phenanthrene	17.145	178	277589	3.548	ng	99
72) Anthracene	17.239	178	242866	3.207	ng	99
73) Carbazole	17.515	167	225143	3.032	ng	98
74) Di-n-butylphthalate	18.074	149	265228	2.870	ng	100
75) Fluoranthene	19.162	202	286002	3.065	ng	100
77) Benzidine	19.356	184	41041	2.672	ng	98
78) Pyrene	19.527	202	298376	3.350	ng	100
80) Butylbenzylphthalate	20.421	149	102698	2.757	ng	94
81) Benzo(a)anthracene	21.309	228	287913	3.385	ng	100
82) 3,3'-Dichlorobenzidine	21.244	252	81632	2.802	ng	99
83) Chrysene	21.374	228	281400	3.447	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	149958	2.770	ng	99
85) Di-n-octyl phthalate	22.344	149	219031	2.336	ng	99
87) Indeno(1,2,3-cd)pyrene	27.597	276	287625	3.136	ng	99
88) Benzo(b)fluoranthene	23.344	252	261683	3.290	ng	99
89) Benzo(k)fluoranthene	23.409	252	266095	3.460	ng	98
90) Benzo(a)pyrene	24.138	252	224454	3.246	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	238789	3.126	ng	98
92) Benzo(g,h,i)perylene	28.638	276	232608	2.974	ng	98

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

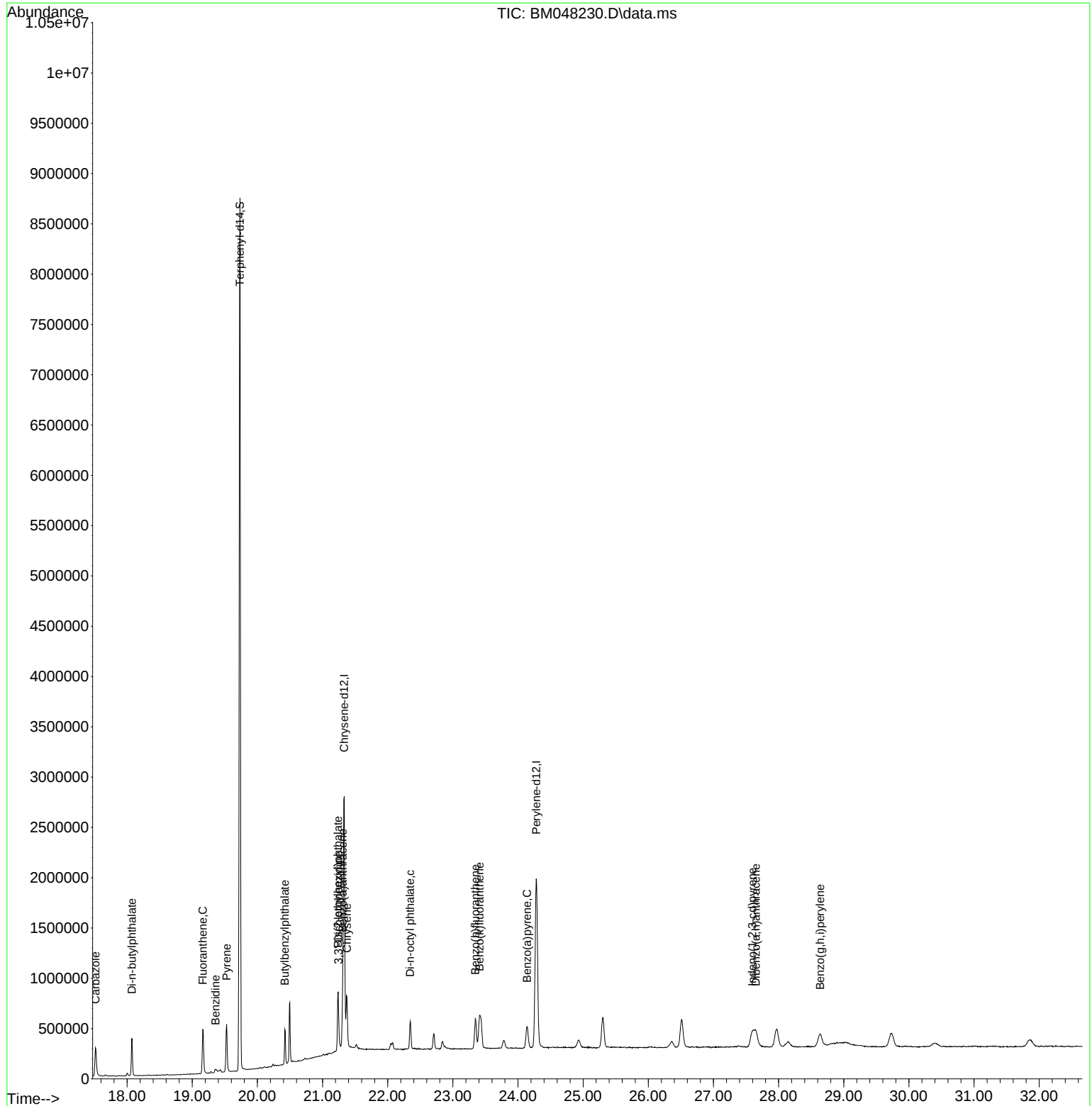
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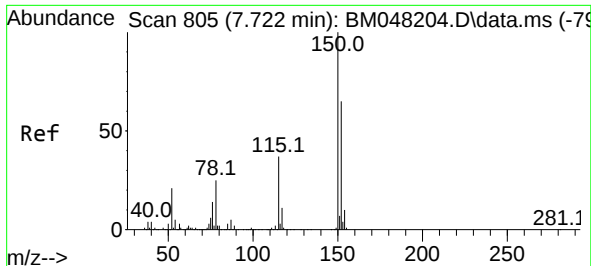
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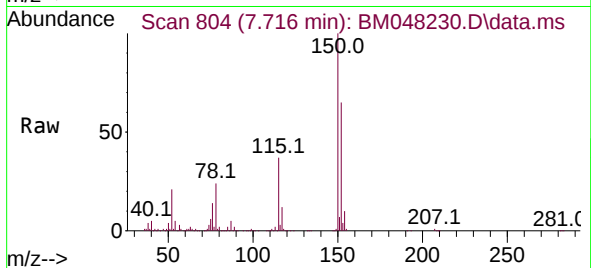
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

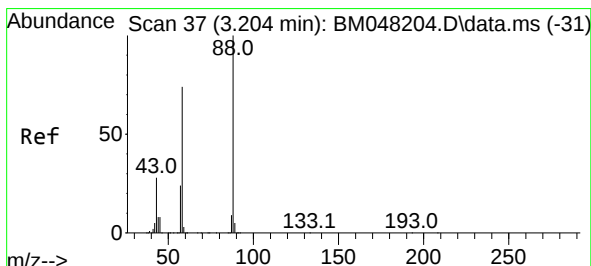
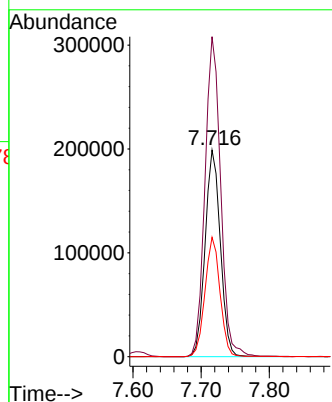
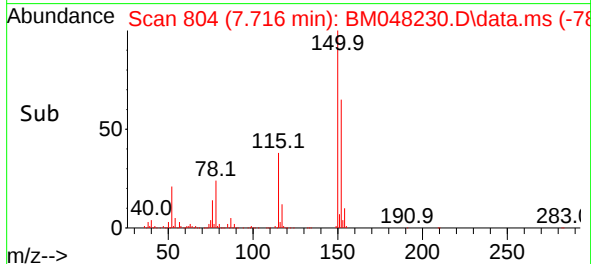
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:152 Resp: 30940
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.6
115 57.8 45.8 68.6

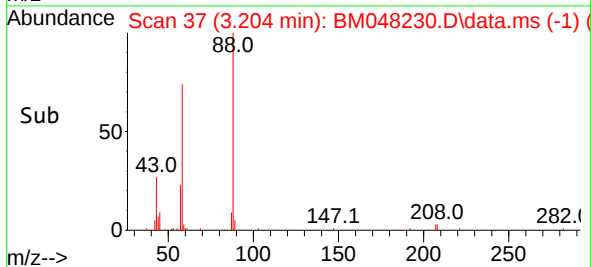
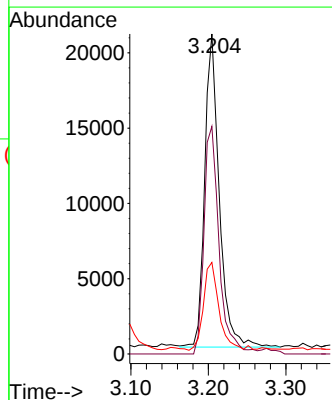
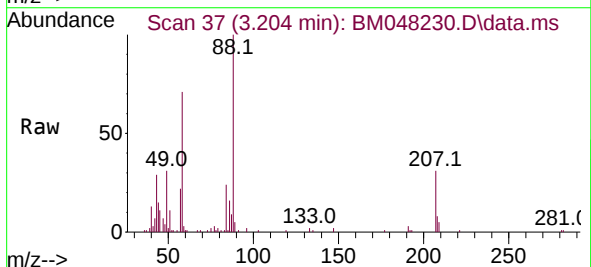
Manual Integrations
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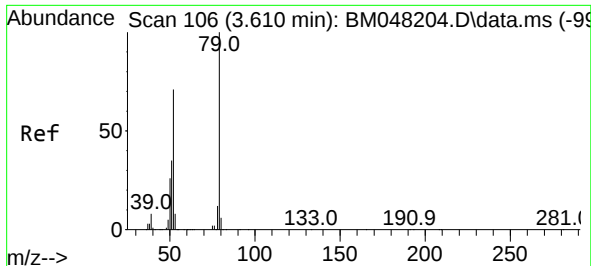
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#2
1,4-Dioxane
Concen: 3.604 ng
RT: 3.204 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

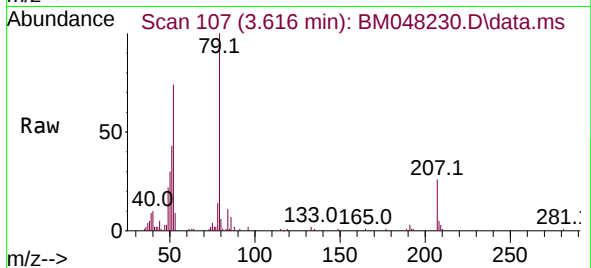
Tgt Ion: 88 Resp: 27154
Ion Ratio Lower Upper
88 100
58 75.5 59.7 89.5
43 29.8 22.6 33.8





#3
Pyridine
Concen: 2.992 ng m
RT: 3.616 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

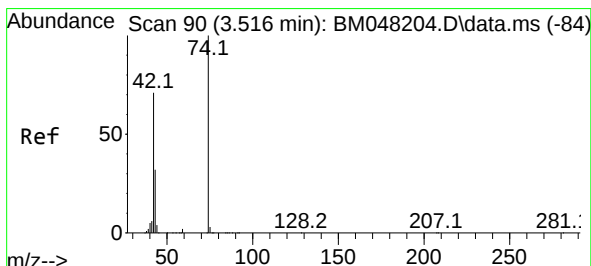
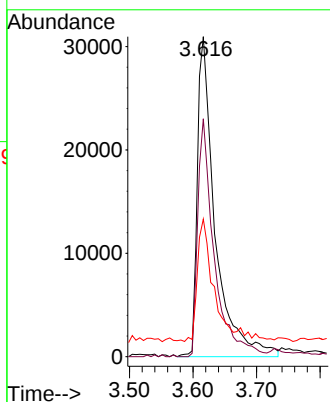
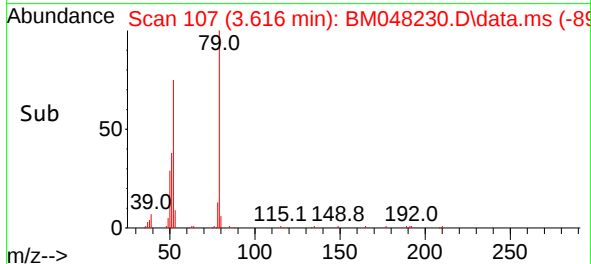
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



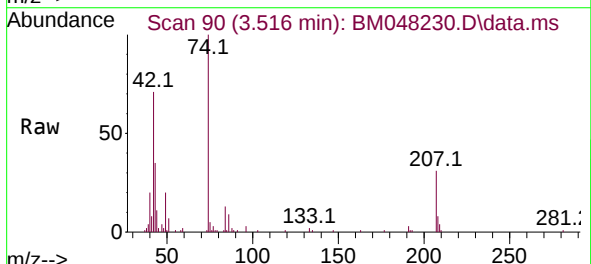
Tgt Ion: 79 Resp: 5988
Ion Ratio Lower Upper
79 100
52 74.4 56.5 84.7
51 43.0 28.5 42.7

Manual Integrations
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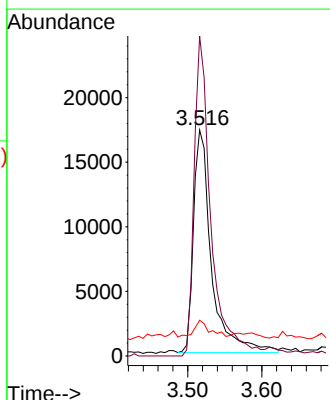
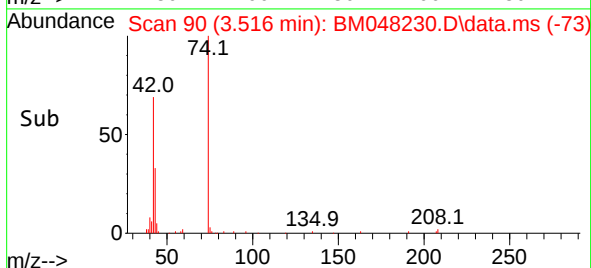
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

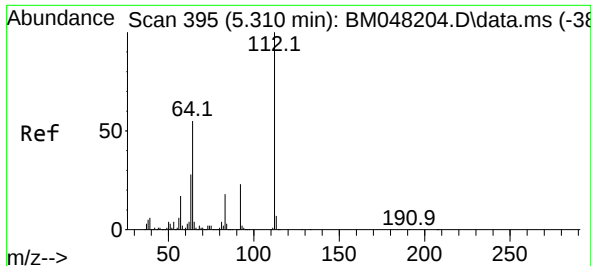


#4
n-Nitrosodimethylamine
Concen: 3.427 ng
RT: 3.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07



Tgt Ion: 42 Resp: 29121
Ion Ratio Lower Upper
42 100
74 141.7 111.8 167.6
44 15.8 6.0 9.0





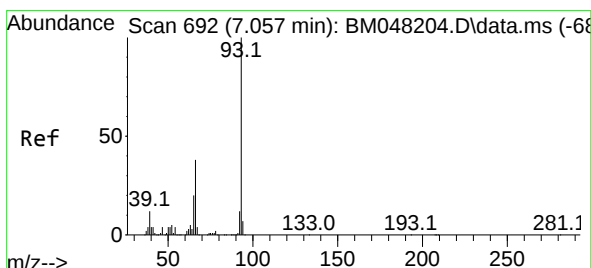
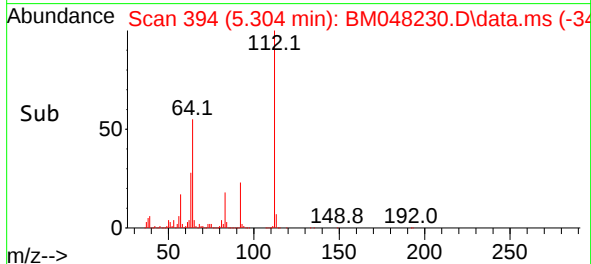
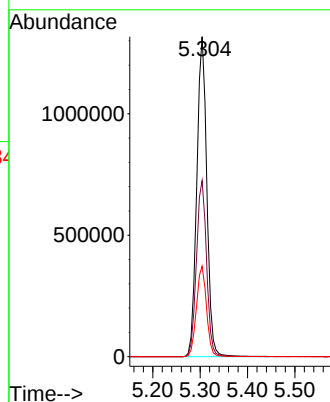
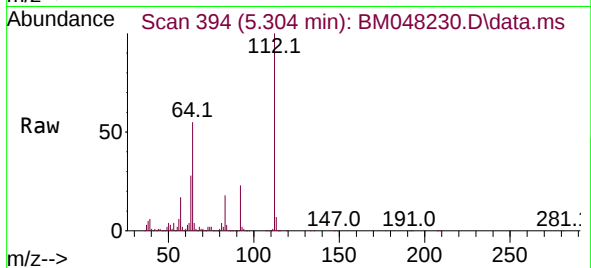
#5
2-Fluorophenol
Concen: 105.477 ng
RT: 5.304 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 112 Resp: 1941479
Ion Ratio Lower Upper
112 100
64 55.0 44.2 66.2
63 28.3 22.7 34.1

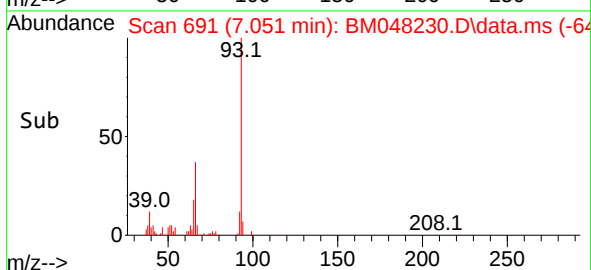
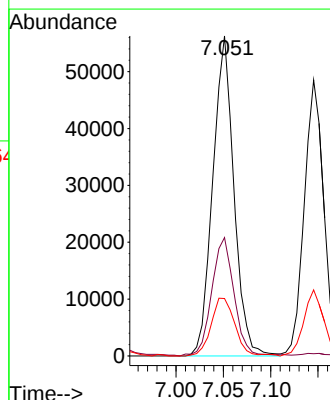
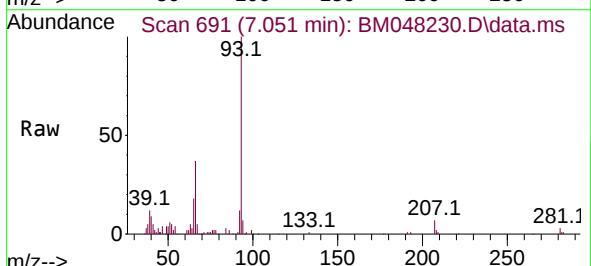
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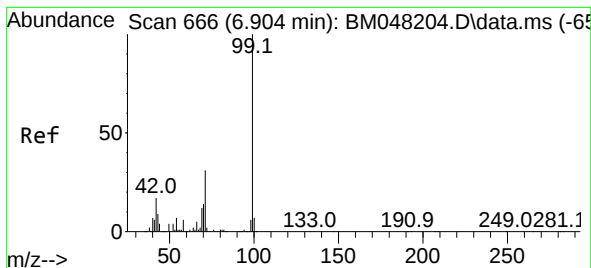
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#6
Aniline
Concen: 4.394 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion: 93 Resp: 87434
Ion Ratio Lower Upper
93 100
66 37.0 30.2 45.2
65 18.0 16.2 24.2





#7

Phenol-d6

Concen: 107.369 ng

RT: 6.898 min Scan# 60

Delta R.T. -0.006 min

Lab File: BM048230.D

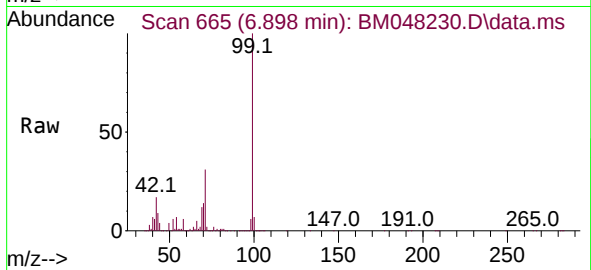
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Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 99 Resp: 257378

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.8

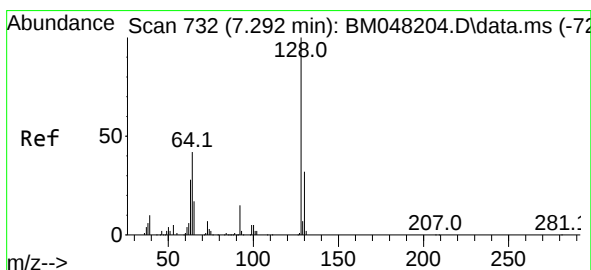
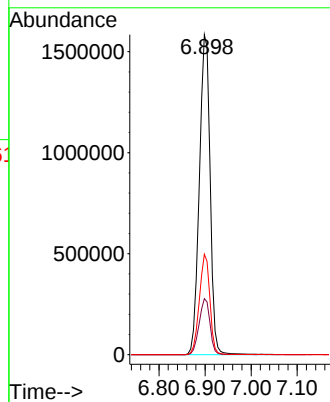
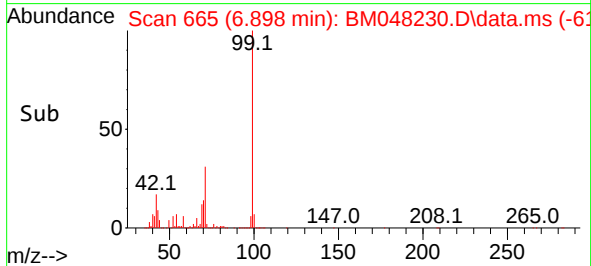
71 31.4 24.9 37.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/28/2024



#8

2-Chlorophenol

Concen: 3.612 ng

RT: 7.286 min Scan# 731

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

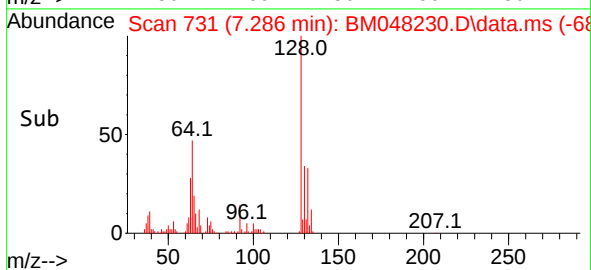
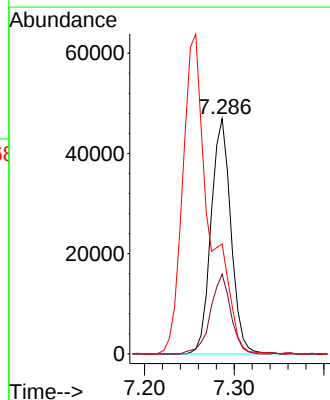
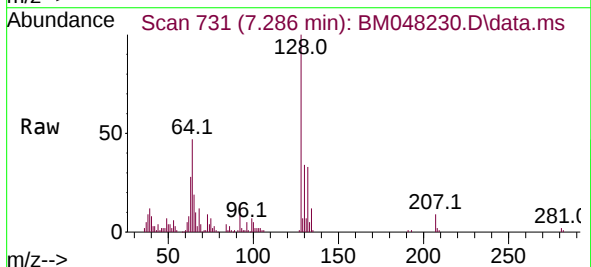
Tgt Ion:128 Resp: 72231

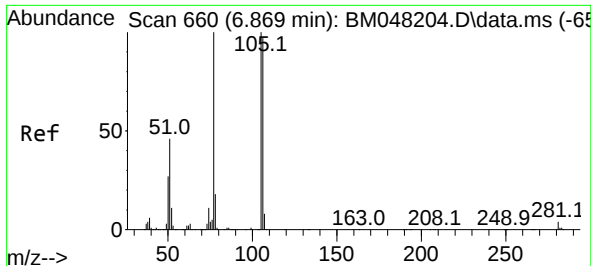
Ion Ratio Lower Upper

128 100

130 33.8 12.1 52.1

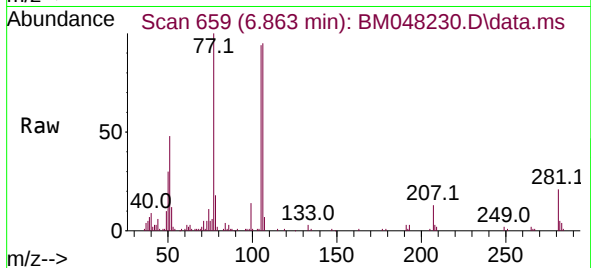
64 46.7 23.8 63.8





#9
Benzaldehyde
Concen: 5.133 ng m
RT: 6.863 min Scan# 604
Delta R.T. -0.006 min
Lab File: BM048230.D
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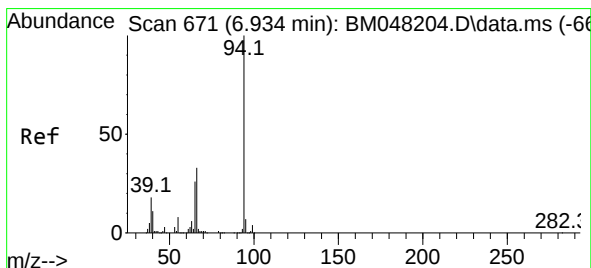
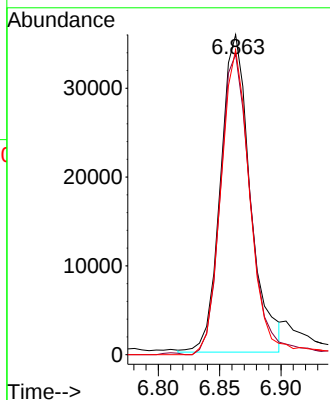
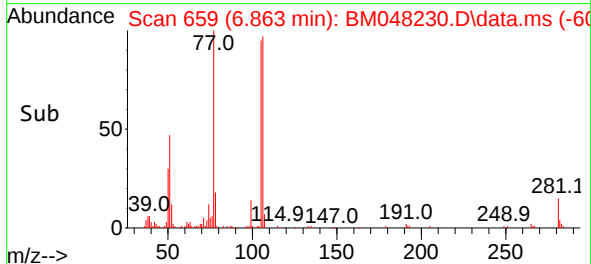
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 77 Resp: 60449
Ion Ratio Lower Upper
77 100
105 93.8 79.6 119.6
106 95.3 77.0 117.0

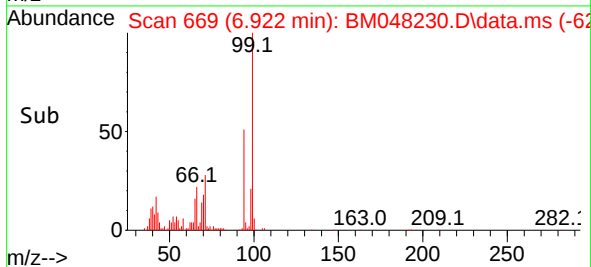
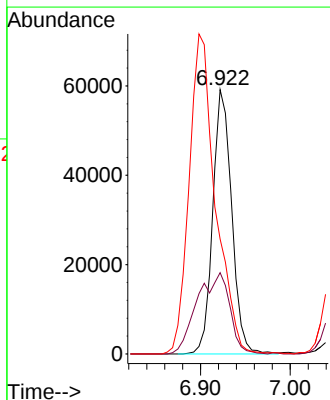
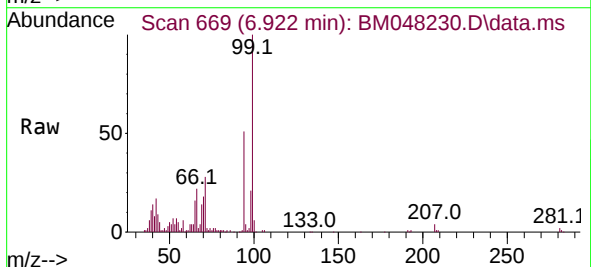
Manual Integrations
APPROVED

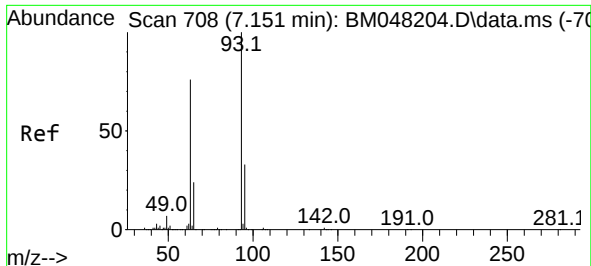
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#10
Phenol
Concen: 3.599 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

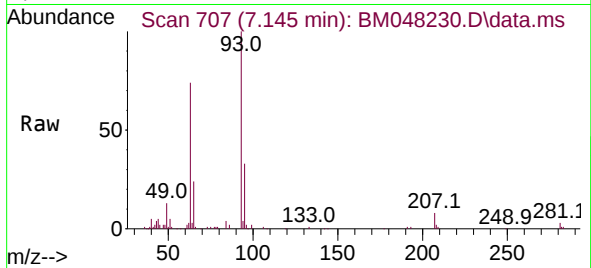
Tgt Ion: 94 Resp: 86808
Ion Ratio Lower Upper
94 100
65 30.7 6.5 46.5
66 43.4 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 3.732 ng
RT: 7.145 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

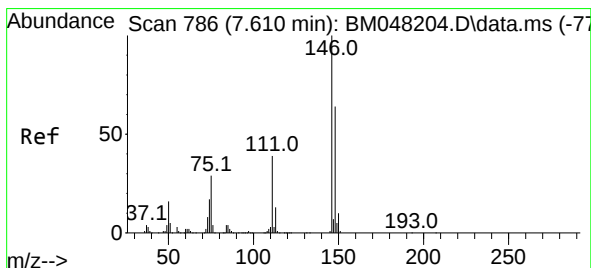
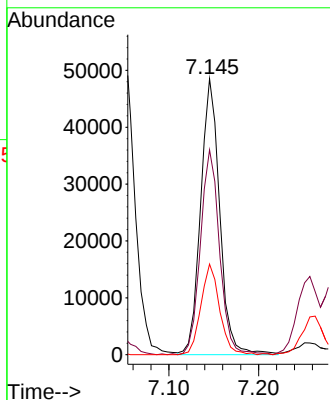
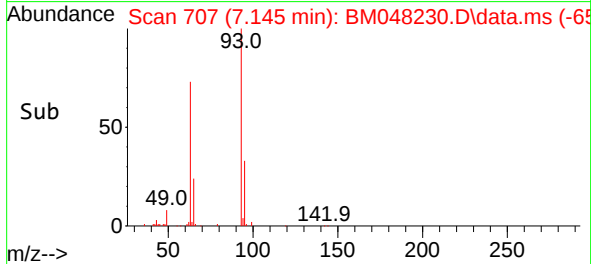
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 93 Resp: 7168
Ion Ratio Lower Upper
93 100
63 74.2 55.3 95.3
95 32.8 12.4 52.4

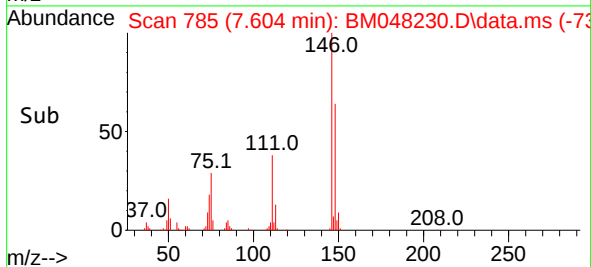
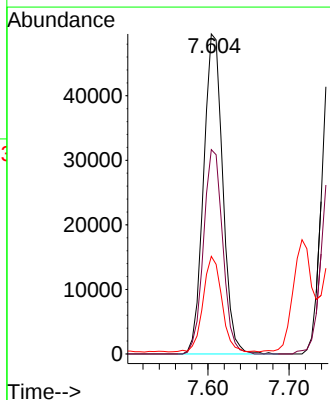
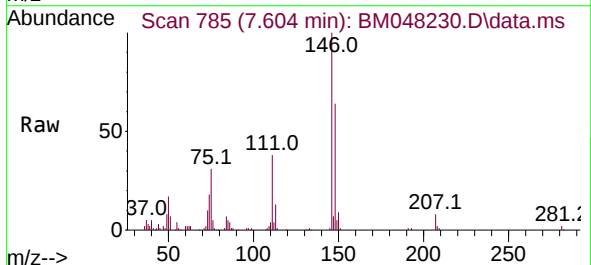
Manual Integrations
APPROVED

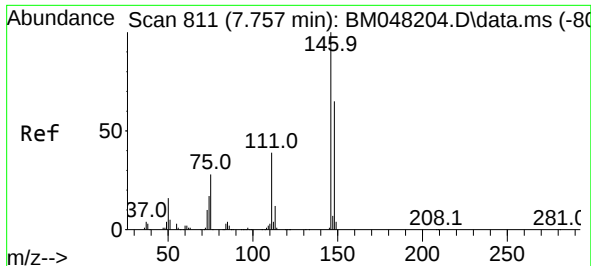
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#12
1,3-Dichlorobenzene
Concen: 3.527 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

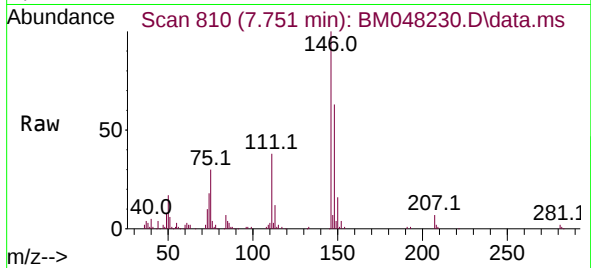
Tgt Ion:146 Resp: 81320
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 30.5 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 3.521 ng
RT: 7.751 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

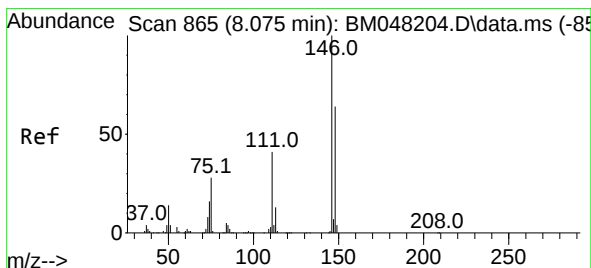
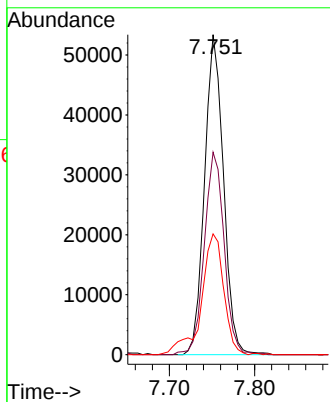
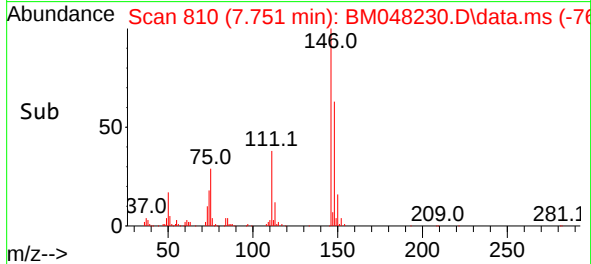
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:146 Resp: 82479
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 37.7 31.4 47.2

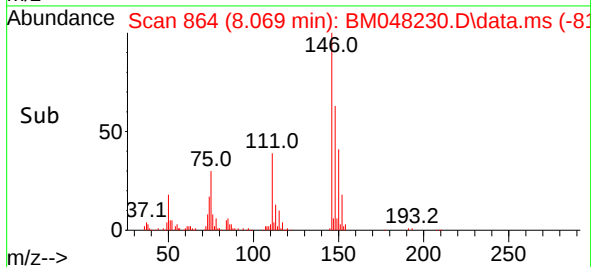
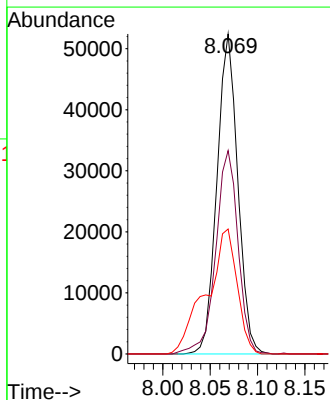
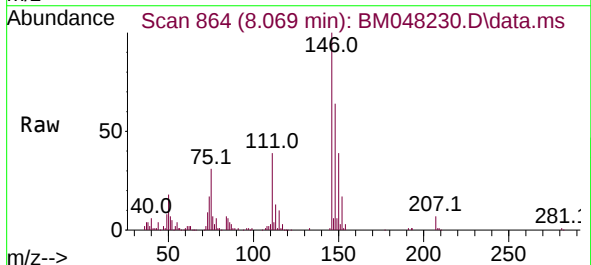
Manual Integrations
APPROVED

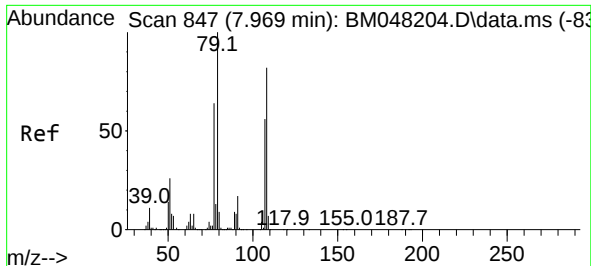
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#14
1,2-Dichlorobenzene
Concen: 3.539 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:146 Resp: 80110
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 39.1 32.7 49.1





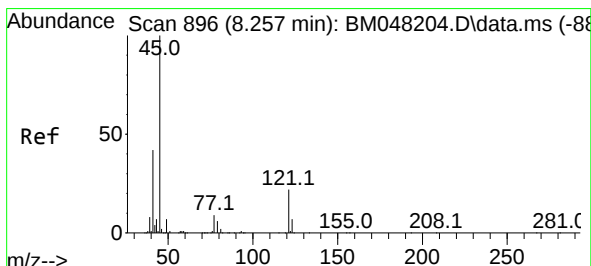
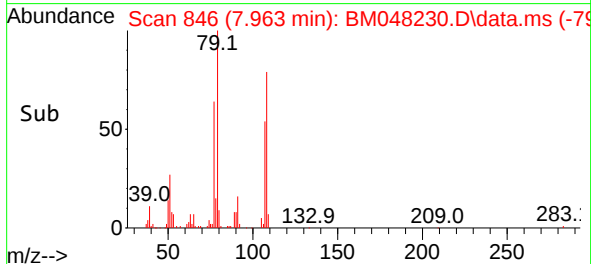
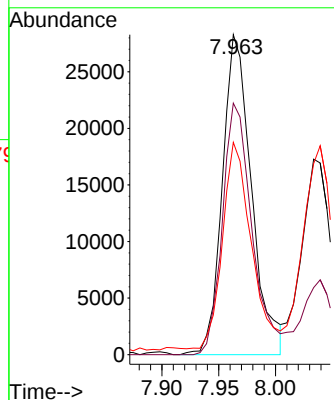
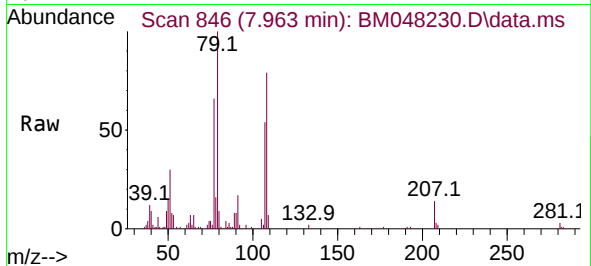
#15
Benzyl Alcohol
Concen: 3.300 ng
RT: 7.963 min Scan# 847
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 79 Resp: 50469
Ion Ratio Lower Upper
79 100
108 78.6 65.2 97.8
77 66.3 51.4 77.2

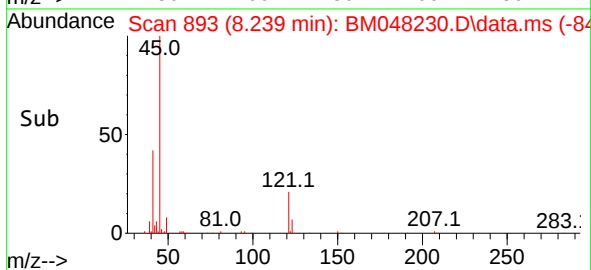
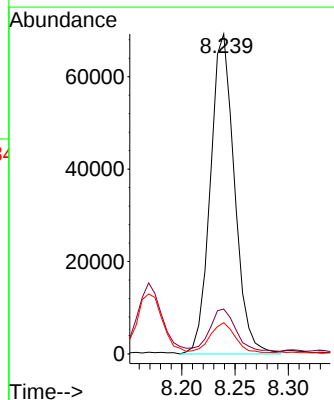
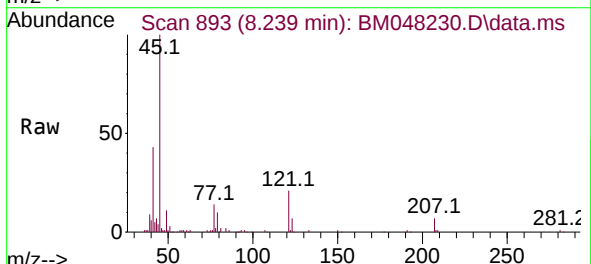
Manual Integrations
APPROVED

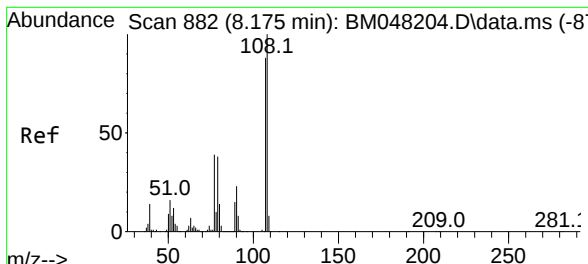
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.876 ng
RT: 8.239 min Scan# 893
Delta R.T. -0.018 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

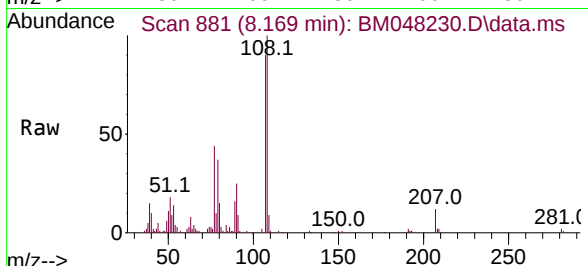
Tgt Ion: 45 Resp: 108893
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.2
79 9.8 0.0 30.7





#17
2-Methylphenol
Concen: 3.177 ng
RT: 8.169 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

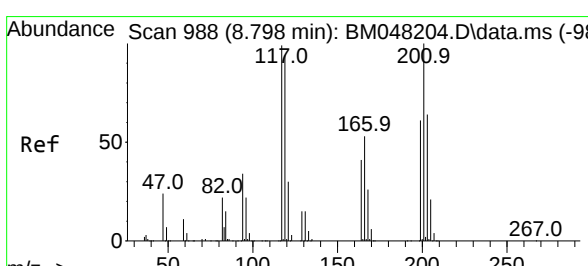
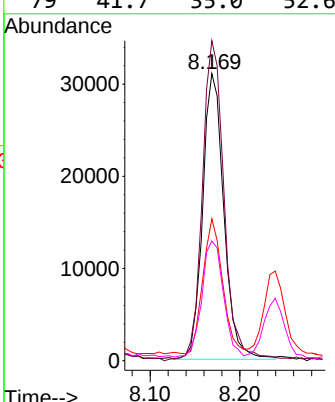
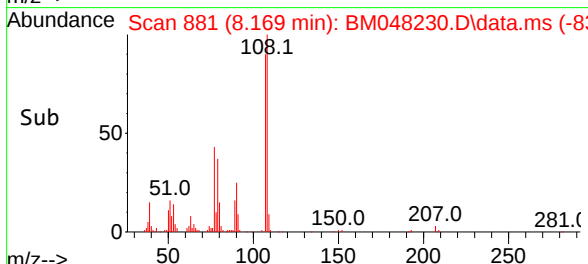
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:	107	Resp:	50918
Ion Ratio	Lower	Upper	
107	100		
108	111.5	91.3	136.9
77	49.4	36.2	54.2
79	41.7	35.0	52.6

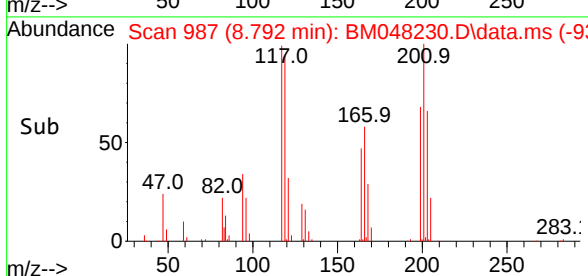
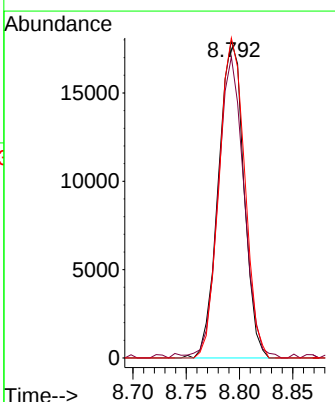
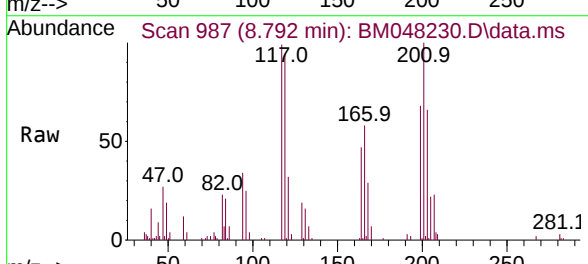
Manual Integrations
APPROVED

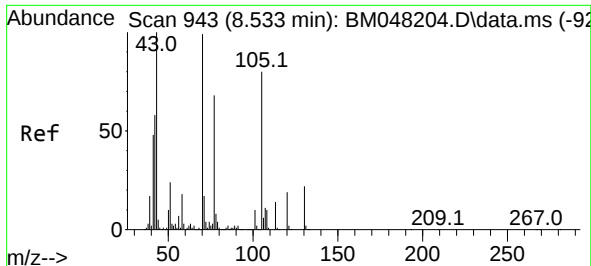
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#18
Hexachloroethane
Concen: 3.467 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

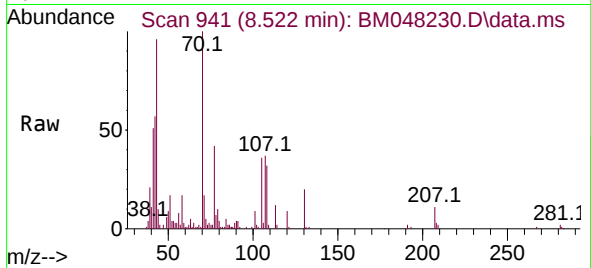
Tgt Ion:	117	Resp:	29766
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.5	114.7
201	100.8	80.9	121.3





#19
n-Nitroso-di-n-propylamine
Concen: 3.477 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.012 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

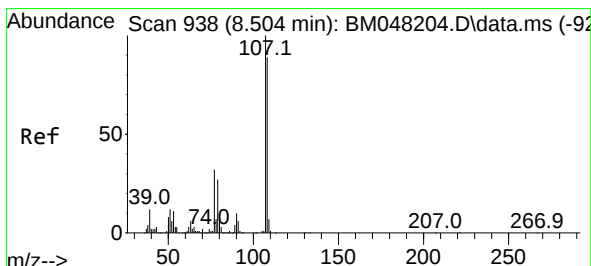
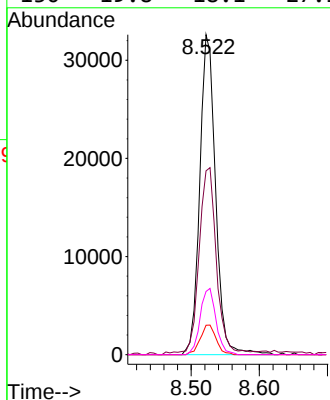
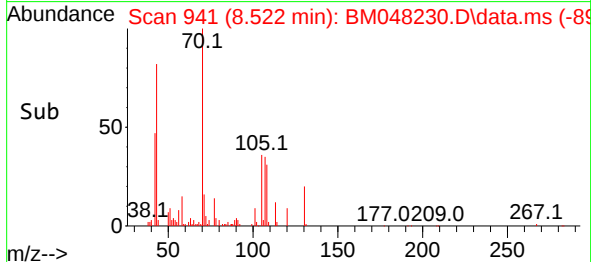
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 70 Resp: 5273
Ion Ratio Lower Upper
70 100
42 57.5 47.0 70.6
101 9.2 7.8 11.6
130 19.8 18.1 27.1

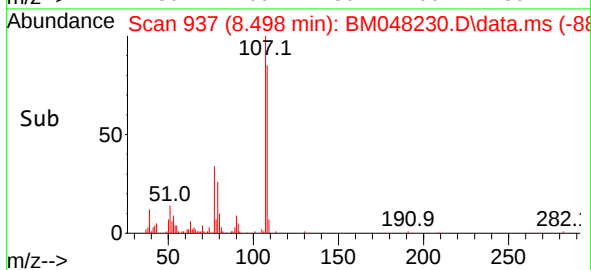
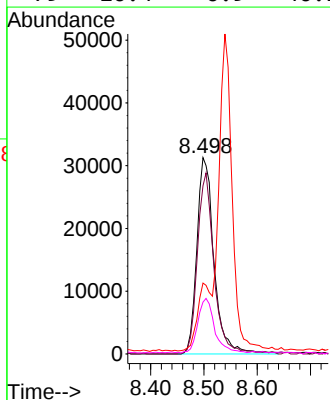
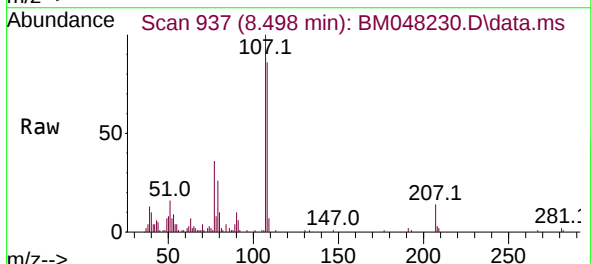
Manual Integrations
APPROVED

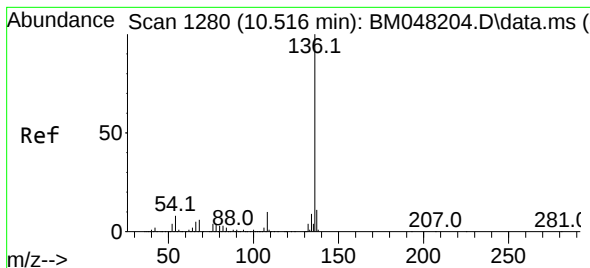
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#20
3+4-Methylphenols
Concen: 3.153 ng
RT: 8.498 min Scan# 937
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

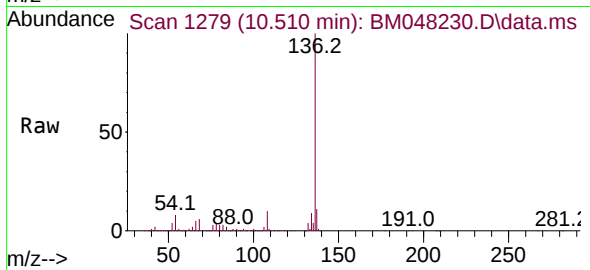
Tgt Ion:107 Resp: 69987
Ion Ratio Lower Upper
107 100
108 85.7 69.0 109.0
77 36.2 12.3 52.3
79 26.4 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

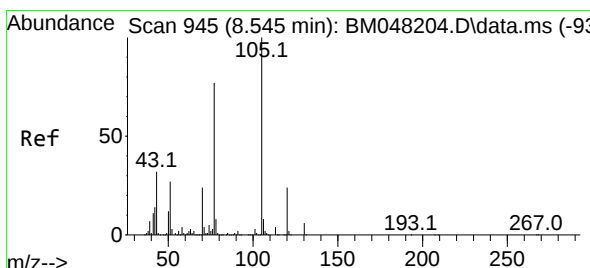
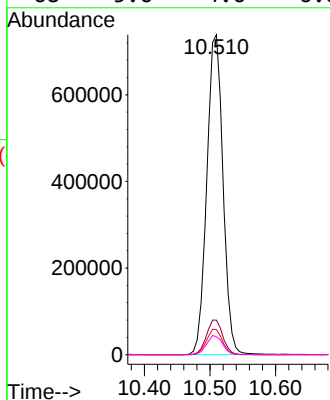
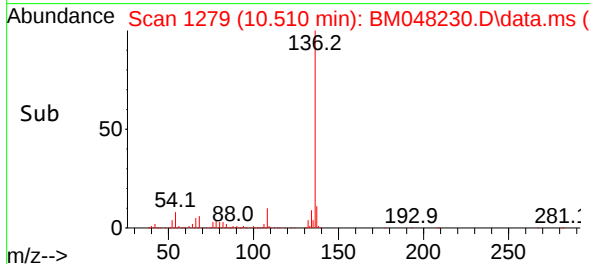
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:136 Resp: 127055
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.5 9.7
68 5.6 4.6 6.8

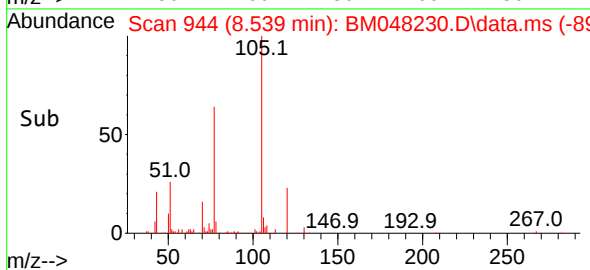
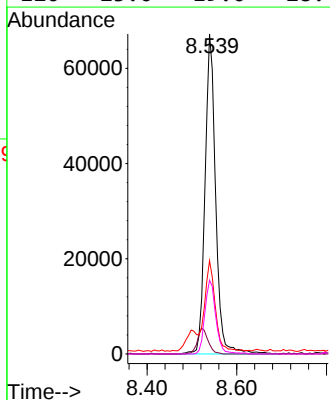
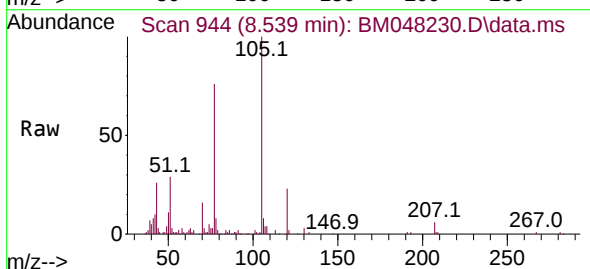
Manual Integrations
APPROVED

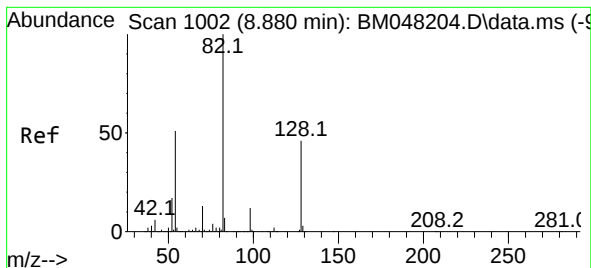
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#22
Acetophenone
Concen: 3.561 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:105 Resp: 110420
Ion Ratio Lower Upper
105 100
71 3.1 3.4 5.0#
51 29.1 21.7 32.5
120 23.0 19.0 28.4





#23

Nitrobenzene-d5

Concen: 75.034 ng

RT: 8.875 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM048230.D

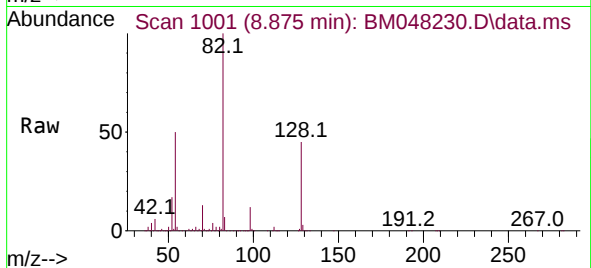
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion: 82 Resp: 168845

Ion Ratio Lower Upper

82 100

128 45.5 36.6 54.8

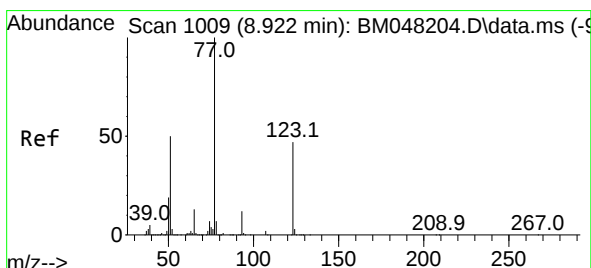
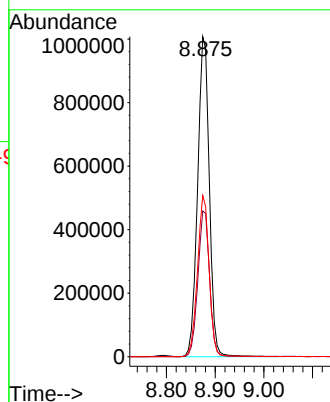
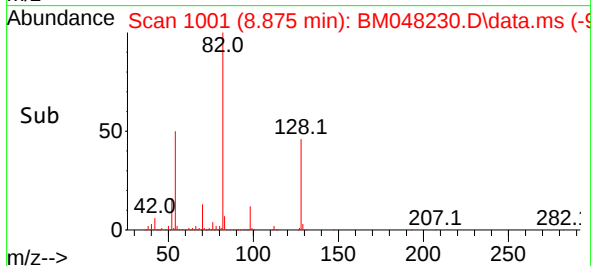
54 50.4 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#24

Nitrobenzene

Concen: 3.623 ng

RT: 8.916 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

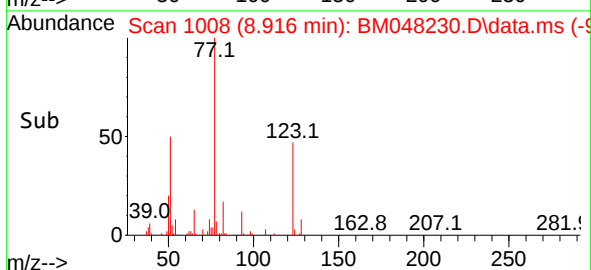
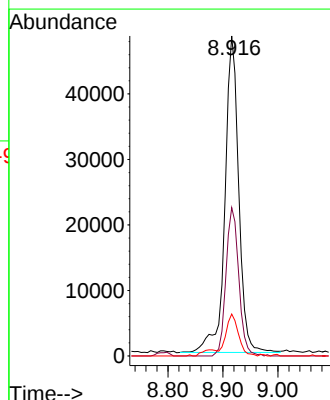
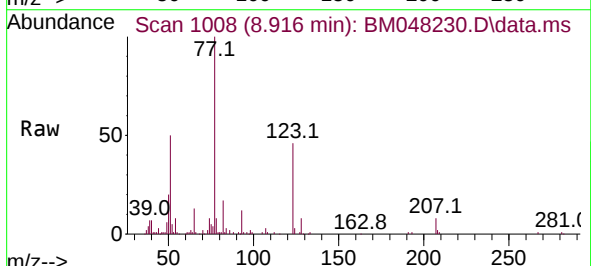
Tgt Ion: 77 Resp: 84464

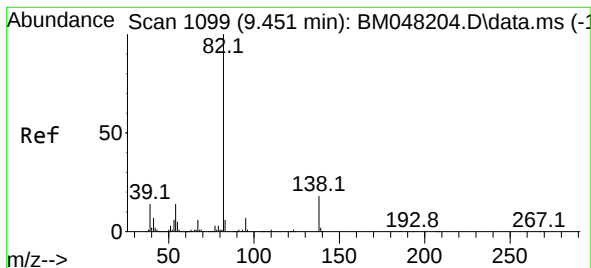
Ion Ratio Lower Upper

77 100

123 46.3 37.8 56.6

65 13.1 10.4 15.6





#25

Isophorone

Concen: 3.258 ng

RT: 9.445 min Scan# 1099

Delta R.T. -0.006 min

Lab File: BM048230.D

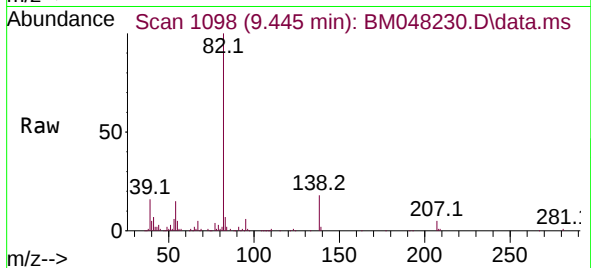
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

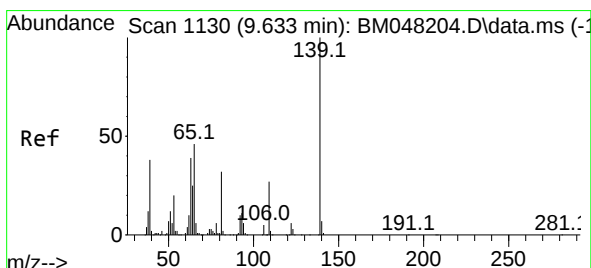
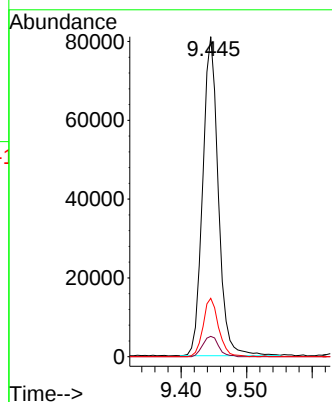
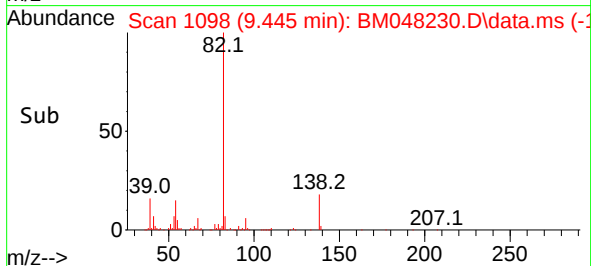


Tgt Ion:	82	Resp:	134384
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	18.3	14.3	21.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#26

2-Nitrophenol

Concen: 2.879 ng

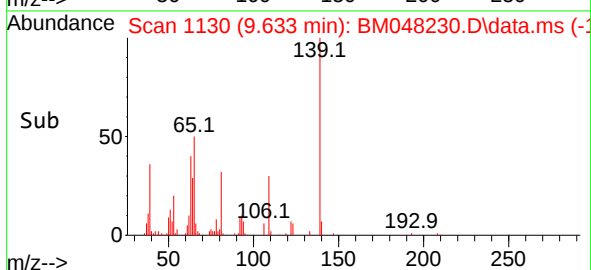
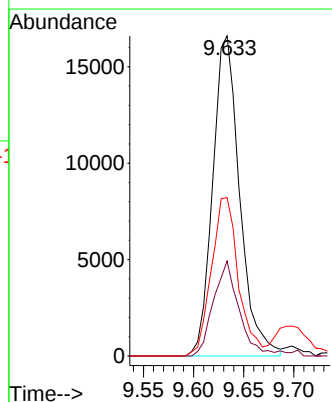
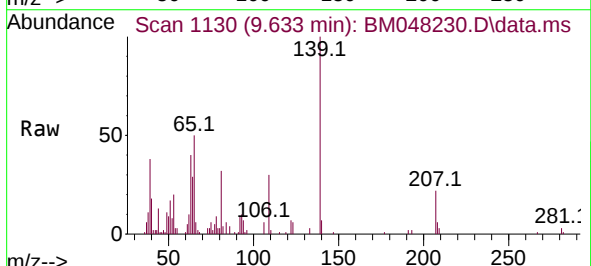
RT: 9.633 min Scan# 1130

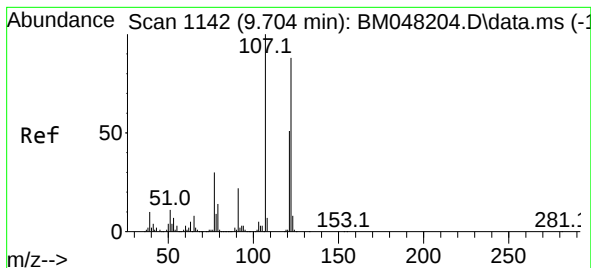
Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

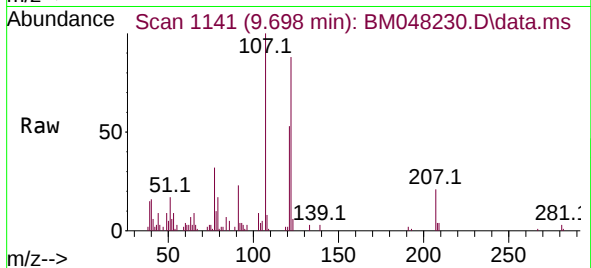
Tgt Ion:	139	Resp:	30997
Ion Ratio	Lower	Upper	
139	100		
109	29.6	21.2	31.8
65	49.5	36.8	55.2





#27
2,4-Dimethylphenol
Concen: 2.141 ng
RT: 9.698 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

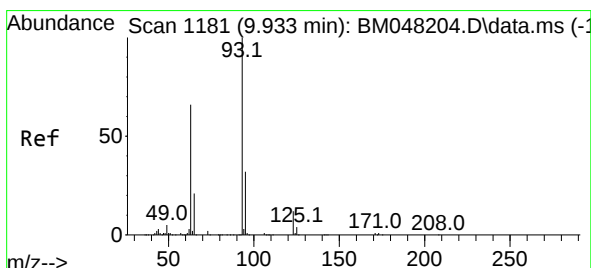
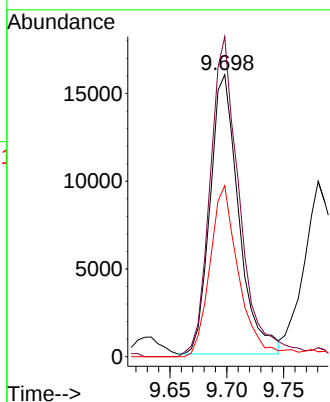
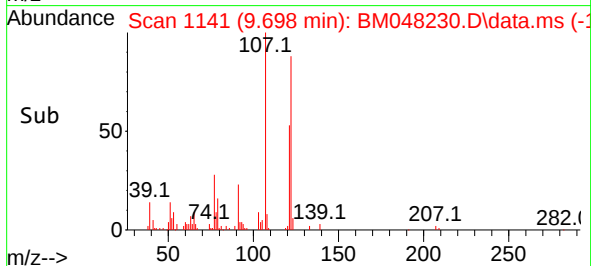
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:122 Resp: 27964
Ion Ratio Lower Upper
122 100
107 113.5 91.0 136.6
121 60.7 46.1 69.1

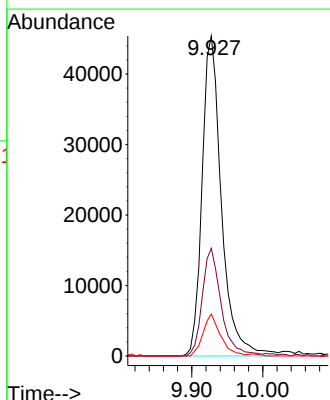
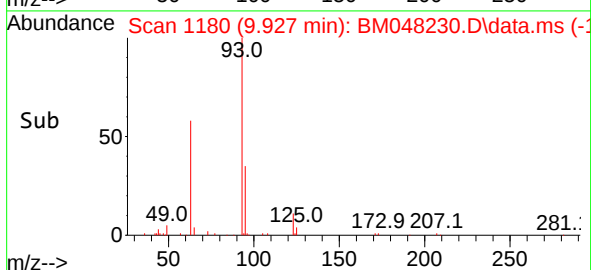
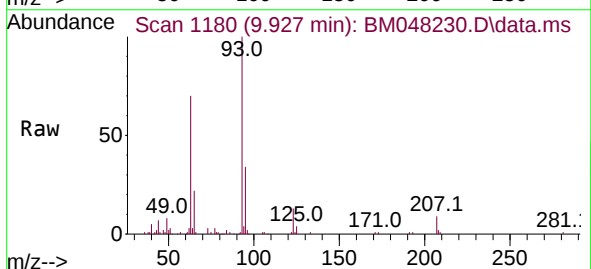
Manual Integrations
APPROVED

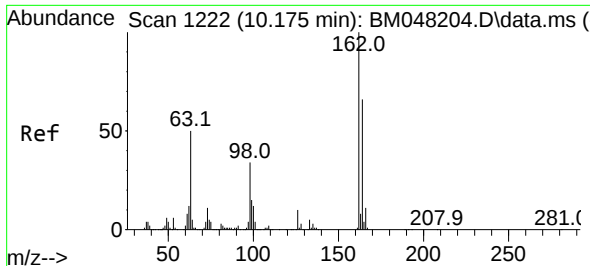
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.304 ng
RT: 9.927 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion: 93 Resp: 86229
Ion Ratio Lower Upper
93 100
95 33.6 25.3 37.9
123 13.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 2.987 ng

RT: 10.175 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BM048230.D

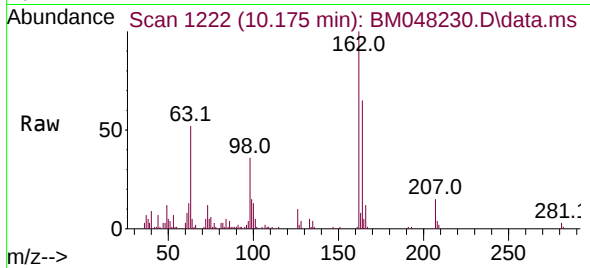
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



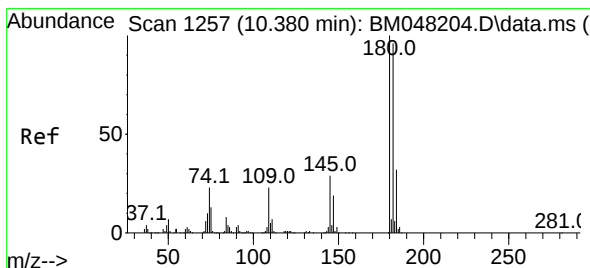
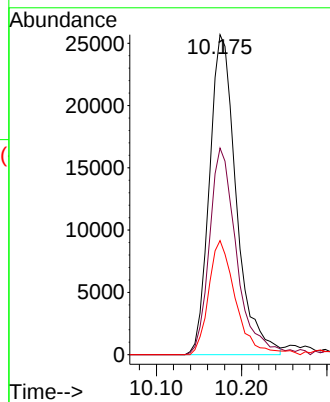
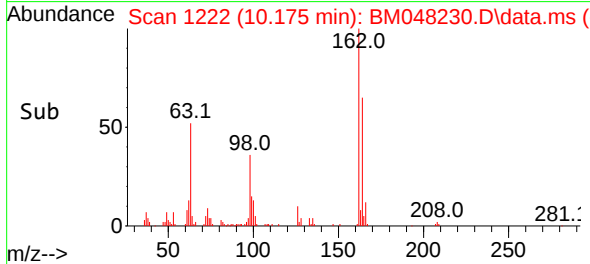
Tgt Ion:	162	Resp:	5611
Ion Ratio	Lower	Upper	
162	100		
164	64.5	46.0	86.0
98	35.7	14.4	54.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 3.399 ng

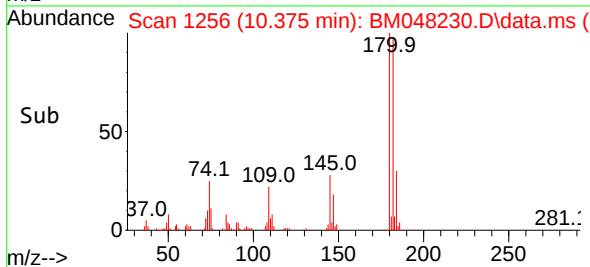
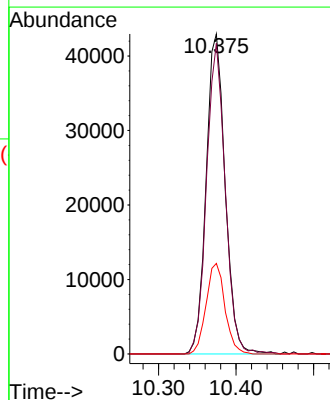
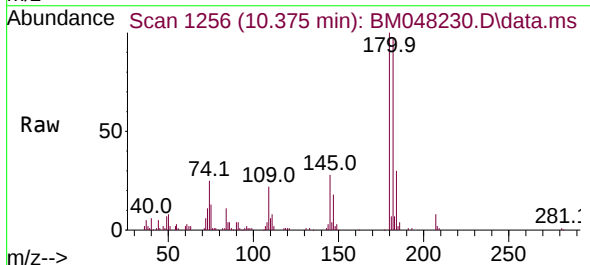
RT: 10.375 min Scan# 1256

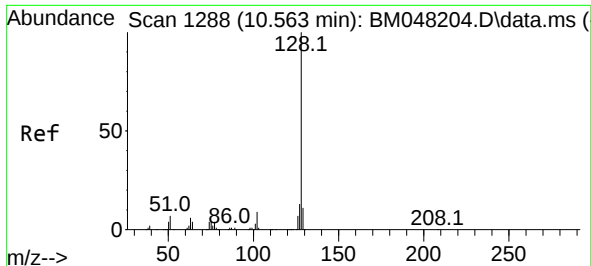
Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

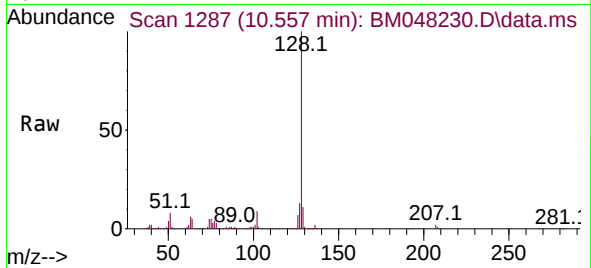
Tgt Ion:	180	Resp:	73141
Ion Ratio	Lower	Upper	
180	100		
182	97.1	76.6	115.0
145	28.3	23.4	35.2





#31
Naphthalene
Concen: 3.432 ng
RT: 10.557 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

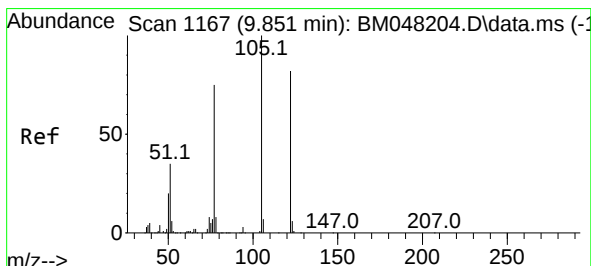
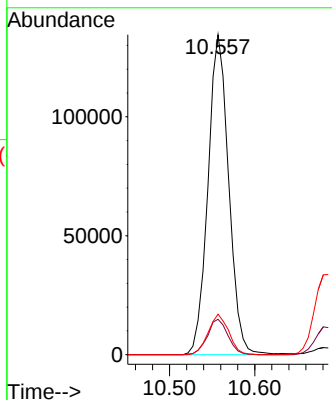
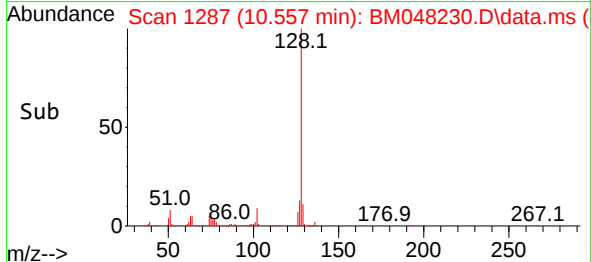
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:128 Resp: 227430
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.2 15.2

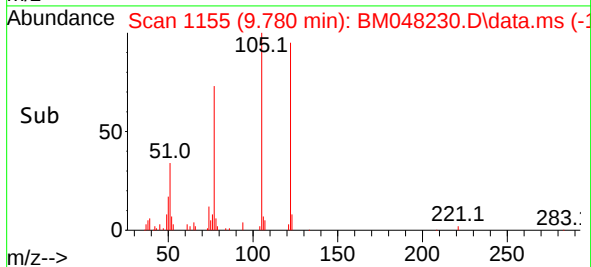
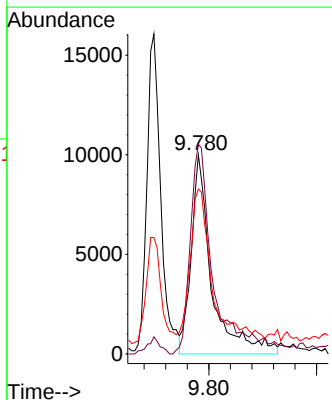
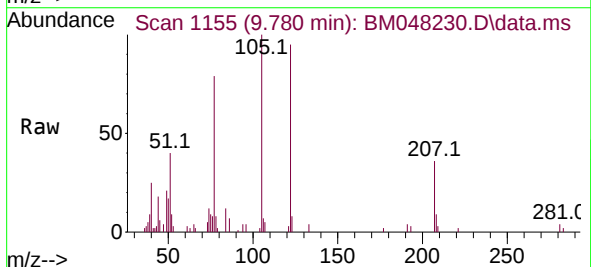
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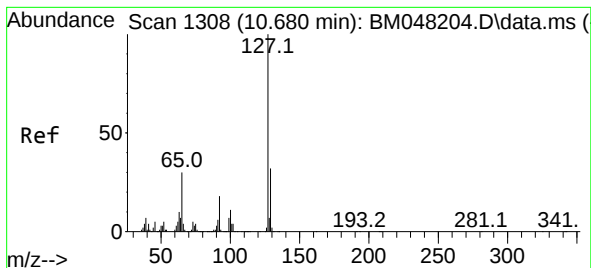
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#32
Benzoic acid
Concen: 1.807 ng m
RT: 9.780 min Scan# 1155
Delta R.T. -0.071 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

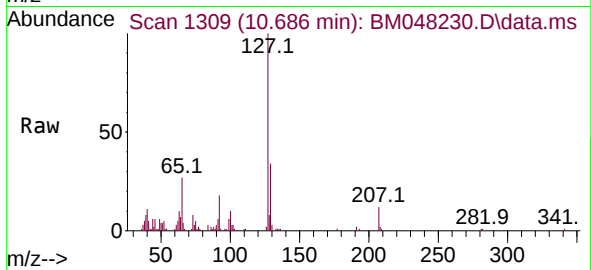
Tgt Ion:122 Resp: 26265
Ion Ratio Lower Upper
122 100
105 105.3 99.3 139.3
77 82.8 70.4 110.4





#33
4-Chloroaniline
Concen: 3.543 ng
RT: 10.686 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

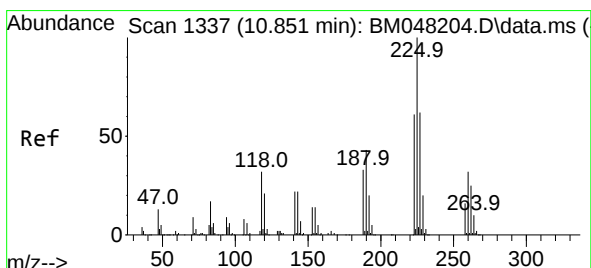
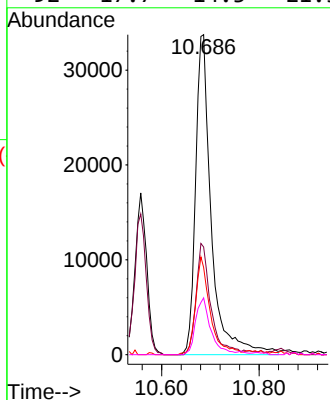
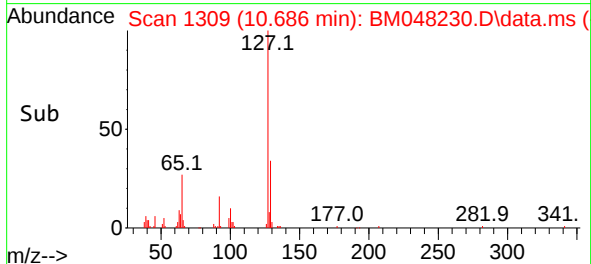
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



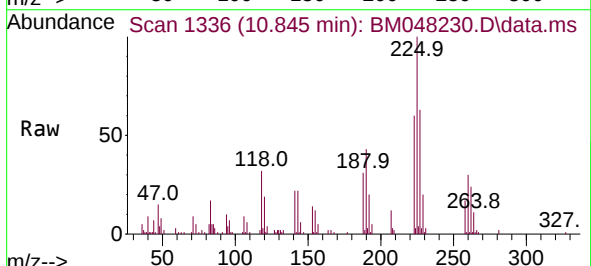
Tgt Ion:127 Resp: 76139
Ion Ratio Lower Upper
127 100
129 33.7 25.8 38.6
65 27.2 23.7 35.5
92 17.7 14.3 21.5

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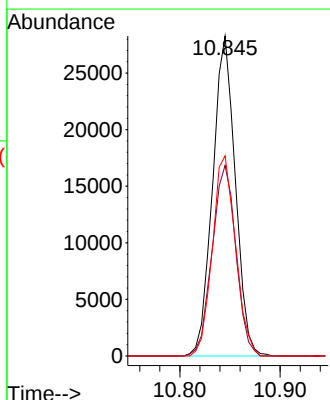
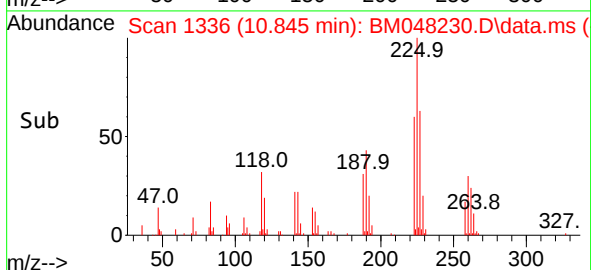
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

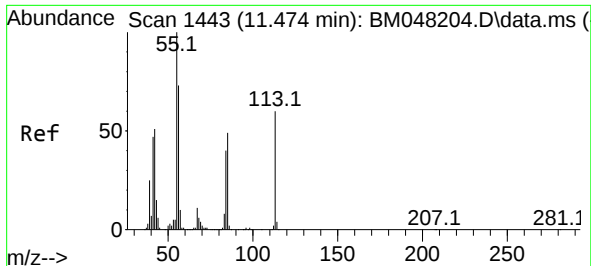


#34
Hexachlorobutadiene
Concen: 3.324 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07



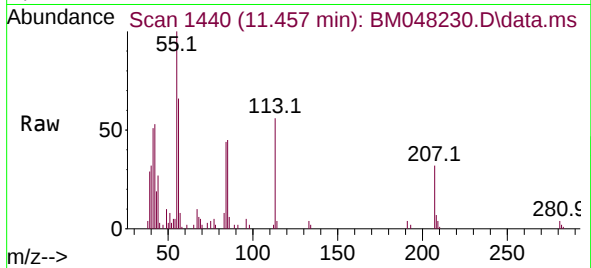
Tgt Ion:225 Resp: 44333
Ion Ratio Lower Upper
225 100
223 59.6 48.6 73.0
227 62.6 49.6 74.4





#35
Caprolactam
Concen: 2.389 ng
RT: 11.457 min Scan# 1443
Delta R.T. -0.018 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

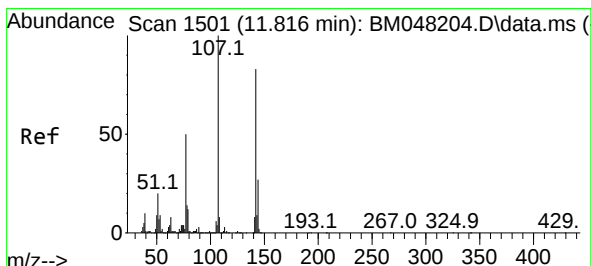
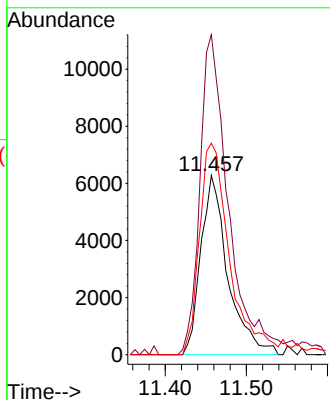
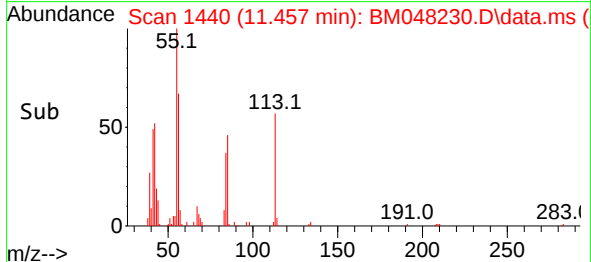
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



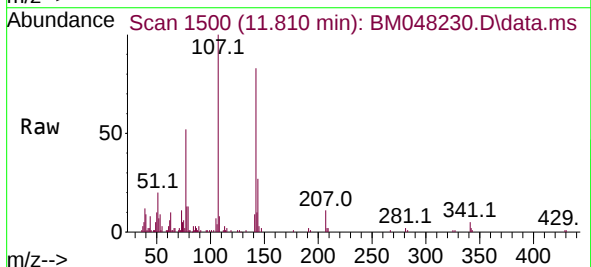
Tgt Ion:113 Resp: 14578
Ion Ratio Lower Upper
113 100
55 178.5 146.1 186.1
56 118.1 101.9 141.9

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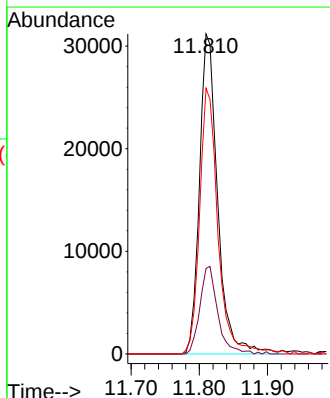
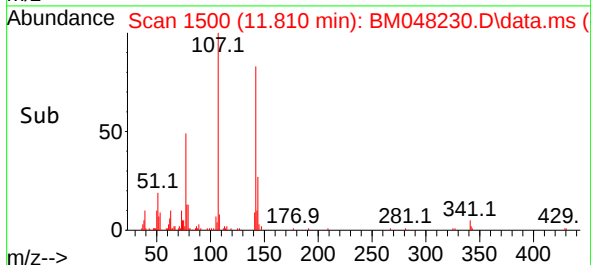
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

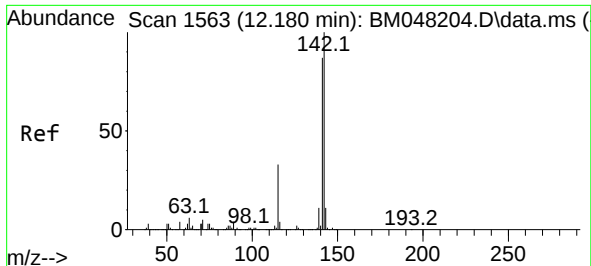


#36
4-Chloro-3-methylphenol
Concen: 2.946 ng
RT: 11.810 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07



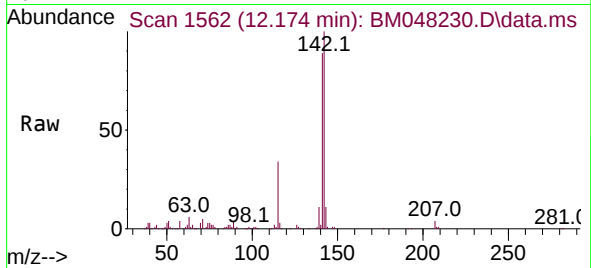
Tgt Ion:107 Resp: 57789
Ion Ratio Lower Upper
107 100
144 26.7 21.5 32.3
142 83.0 66.8 100.2





#37
2-Methylnaphthalene
Concen: 3.338 ng
RT: 12.174 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

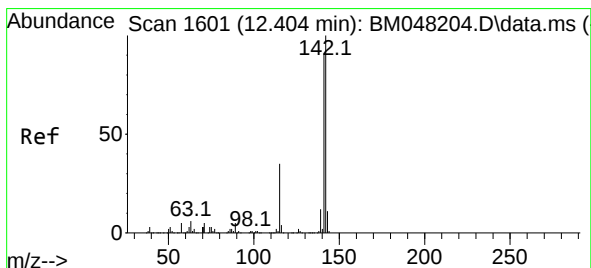
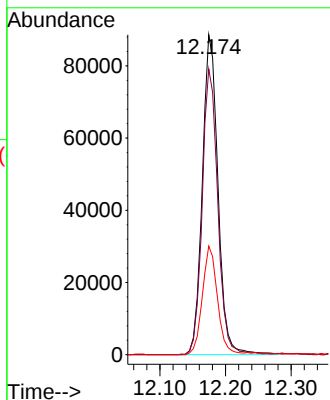
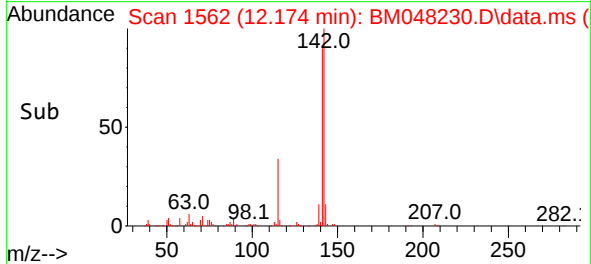
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



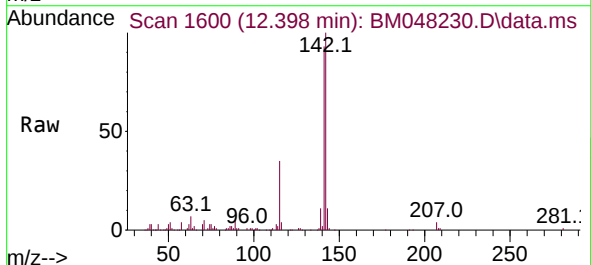
Tgt Ion:142 Resp: 147799
Ion Ratio Lower Upper
142 100
141 89.3 69.8 104.6
115 33.9 26.3 39.5

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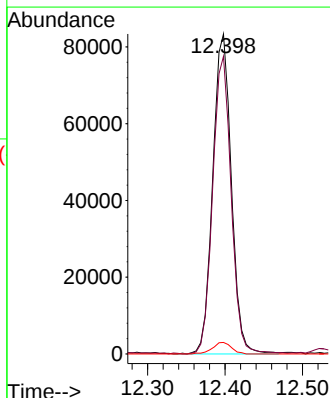
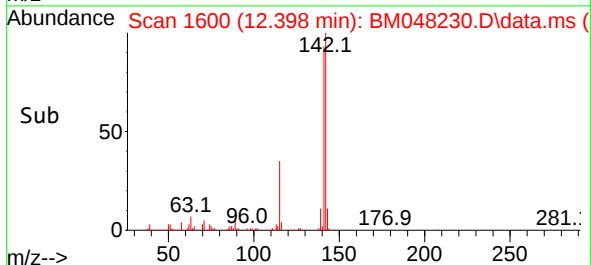
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

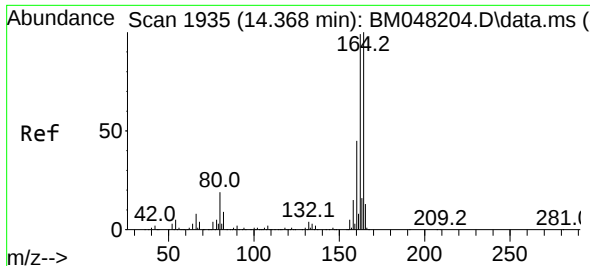


#38
1-Methylnaphthalene
Concen: 3.165 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07



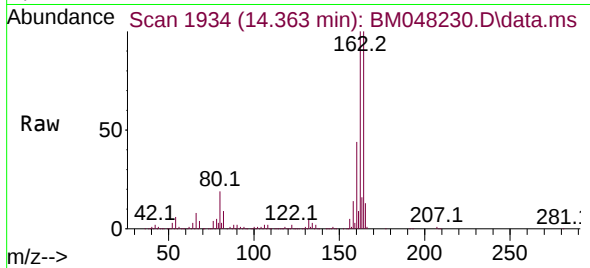
Tgt Ion:142 Resp: 138937
Ion Ratio Lower Upper
142 100
141 93.0 72.7 109.1
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

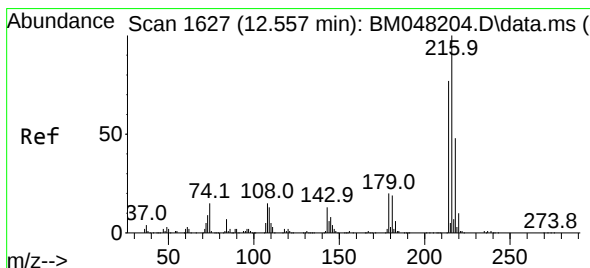
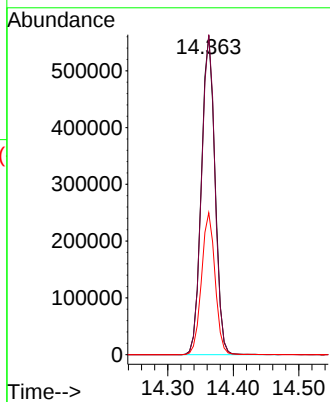
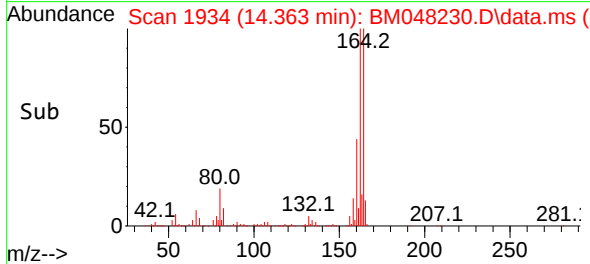
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:164 Resp: 81314
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 44.5 35.8 53.8

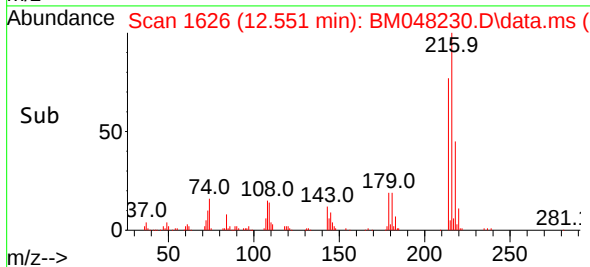
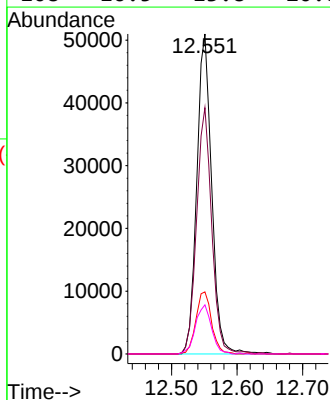
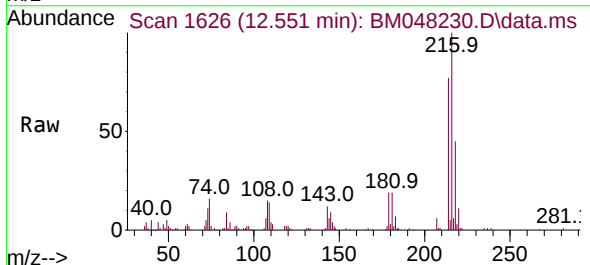
Manual Integrations
APPROVED

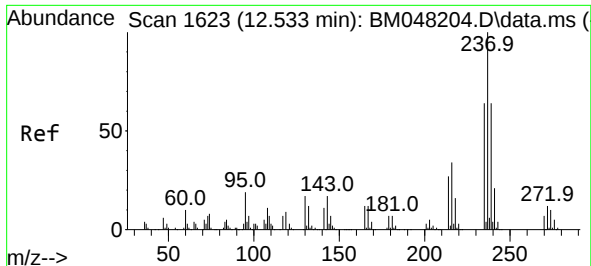
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.477 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

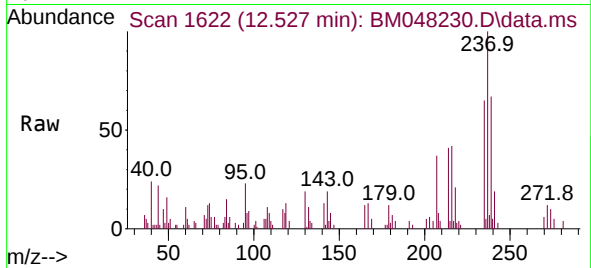
Tgt Ion:216 Resp: 80810
Ion Ratio Lower Upper
216 100
214 78.1 62.2 93.2
179 20.4 16.0 24.0
108 16.5 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 1.909 ng
RT: 12.527 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

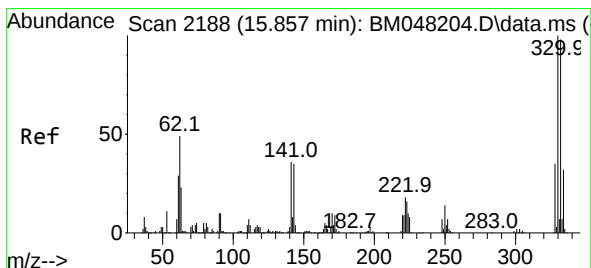
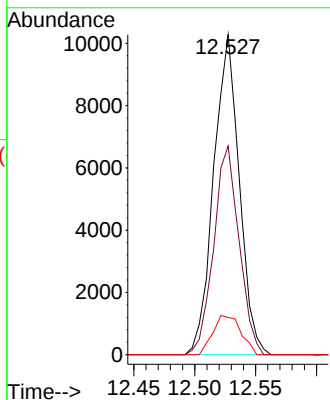
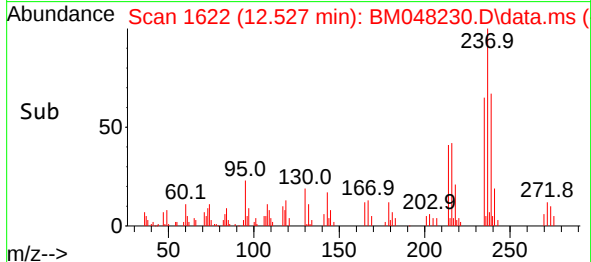
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



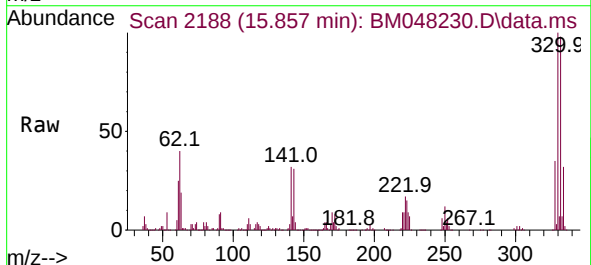
Tgt Ion:237 Resp: 15010
Ion Ratio Lower Upper
237 100
235 65.2 44.2 84.2
272 11.6 0.0 32.4

Manual Integrations
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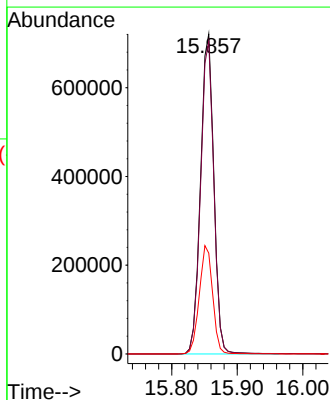
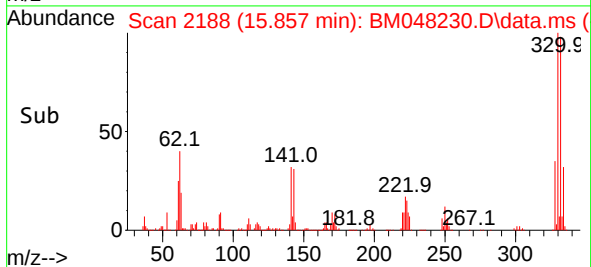
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

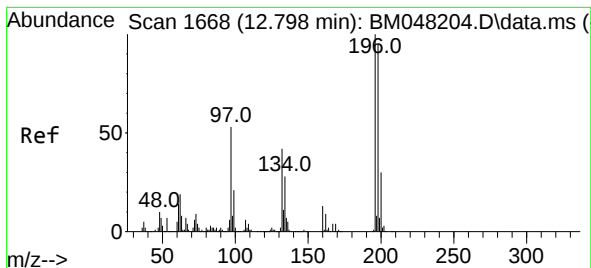


#42
2,4,6-Tribromophenol
Concen: 102.447 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07



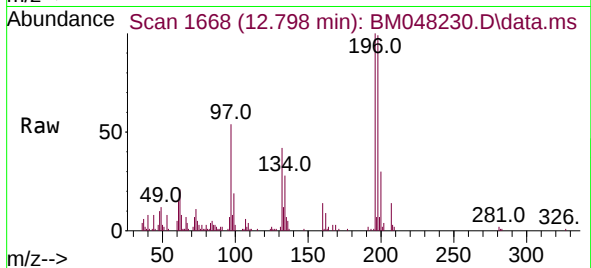
Tgt Ion:330 Resp: 1019652
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 34.0 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 2.991 ng
RT: 12.798 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

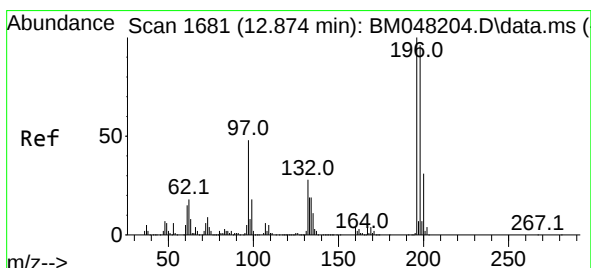
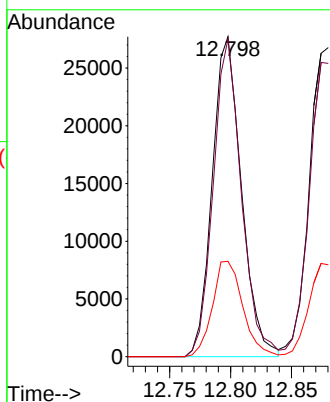
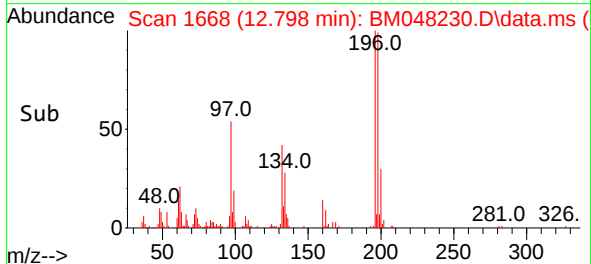
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



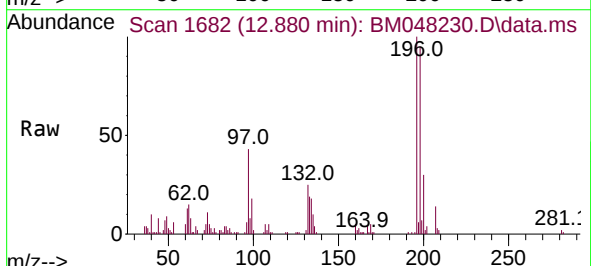
Tgt Ion:196 Resp: 46138
Ion Ratio Lower Upper
196 100
198 99.2 76.2 114.2
200 29.8 24.2 36.2

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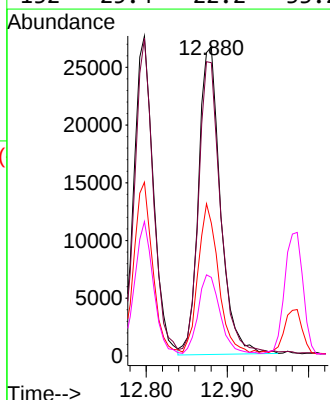
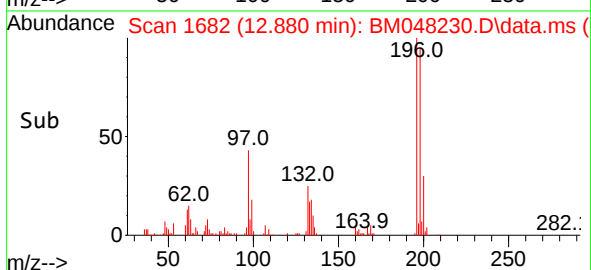
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

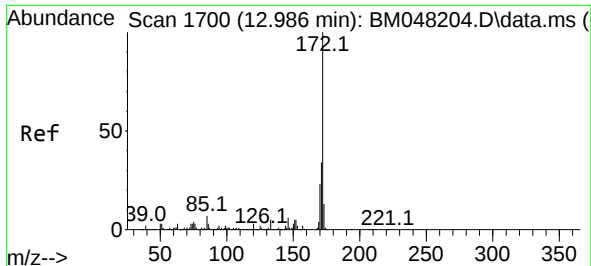


#44
2,4,5-Trichlorophenol
Concen: 2.905 ng
RT: 12.880 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07



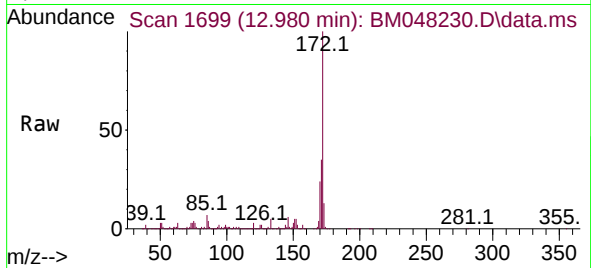
Tgt Ion:196 Resp: 49973
Ion Ratio Lower Upper
196 100
198 94.9 76.7 115.1
97 43.0 38.5 57.7
132 25.4 22.2 33.2





#45
2-Fluorobiphenyl
Concen: 71.506 ng
RT: 12.980 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

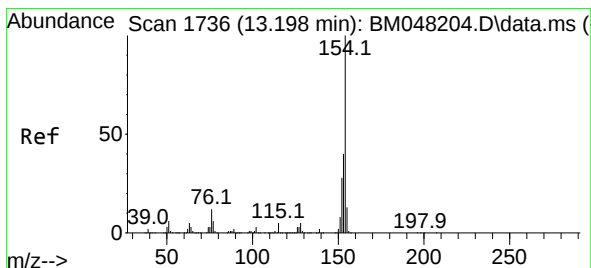
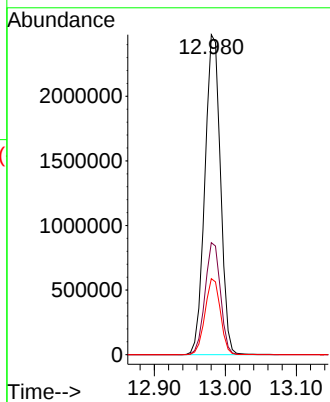
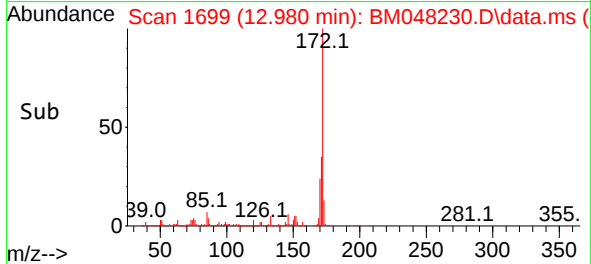
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:172 Resp: 378918
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 23.7 18.5 27.7

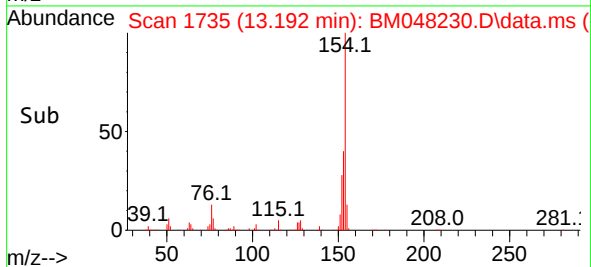
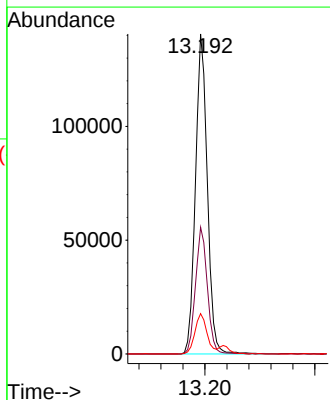
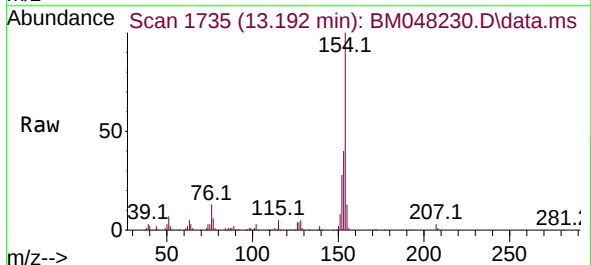
Manual Integrations
APPROVED

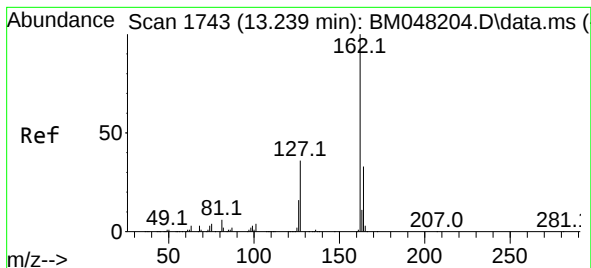
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#46
1,1'-Biphenyl
Concen: 3.630 ng
RT: 13.192 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:154 Resp: 210724
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 12.6 0.0 32.4





#47

2-Chloronaphthalene

Concen: 3.336 ng

RT: 13.233 min Scan# 1742

Delta R.T. -0.006 min

Lab File: BM048230.D

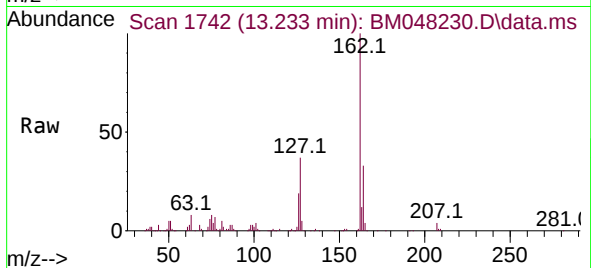
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:162 Resp: 15272

Ion Ratio Lower Upper

162 100

127 36.6 31.0 46.6

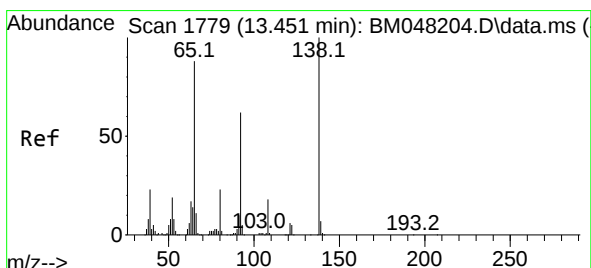
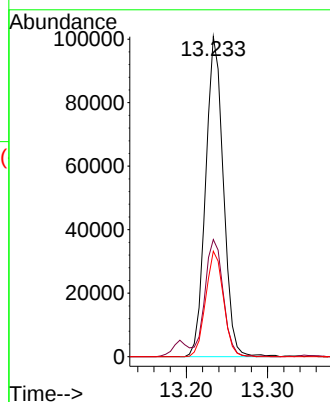
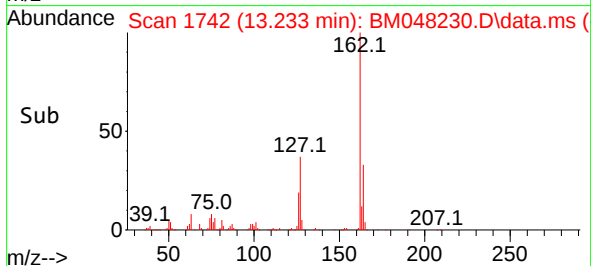
164 32.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#48

2-Nitroaniline

Concen: 2.843 ng

RT: 13.451 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

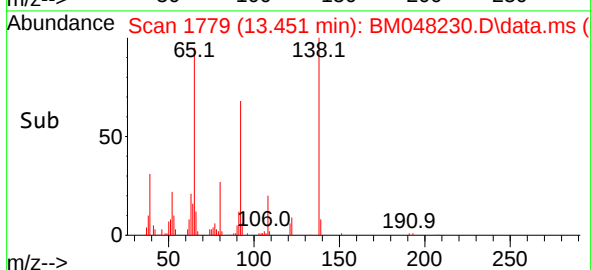
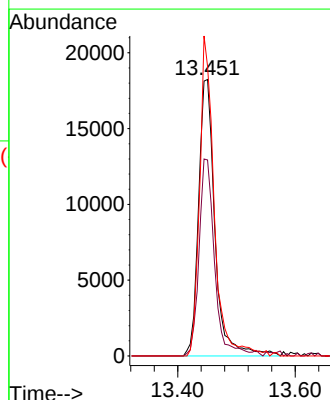
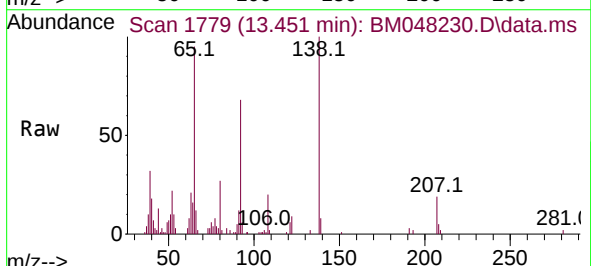
Tgt Ion: 65 Resp: 35292

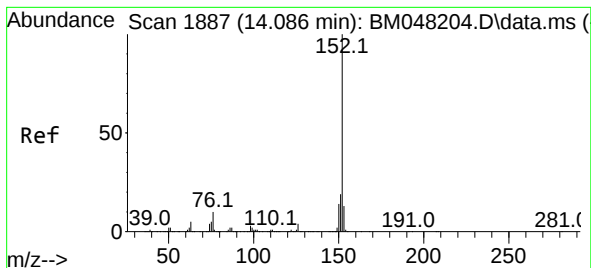
Ion Ratio Lower Upper

65 100

92 70.9 56.0 84.0

138 104.7 90.8 136.2





#49

Acenaphthylene

Concen: 3.468 ng

RT: 14.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM048230.D

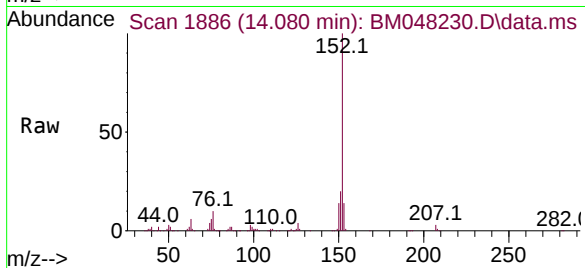
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:152 Resp: 231620

Ion Ratio Lower Upper

152 100

151 20.2 15.4 23.2

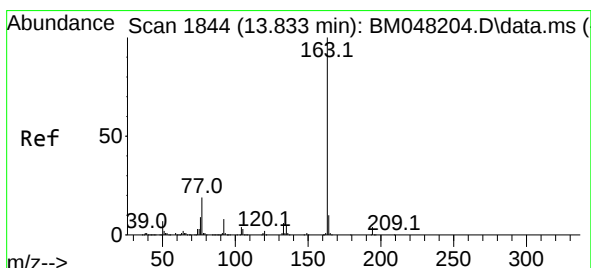
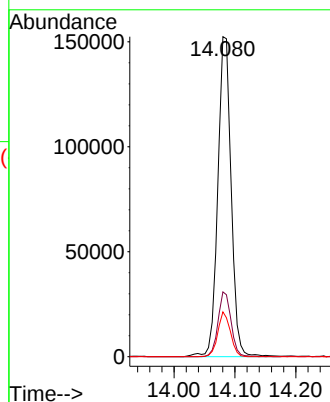
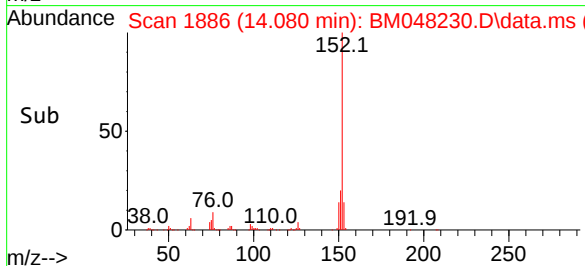
153 14.0 10.5 15.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#50

Dimethylphthalate

Concen: 3.285 ng

RT: 13.821 min Scan# 1842

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

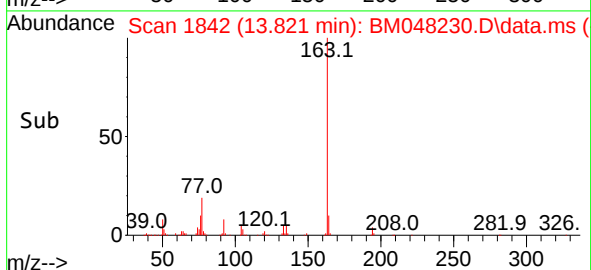
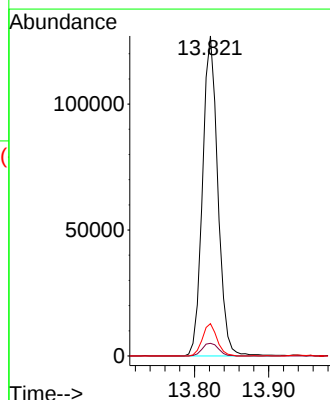
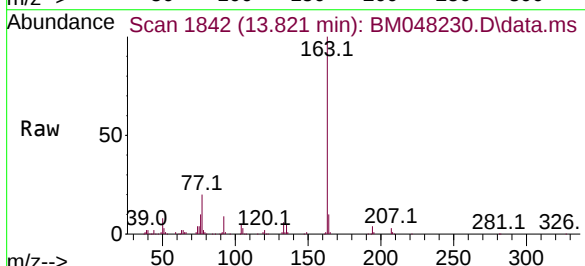
Tgt Ion:163 Resp: 182328

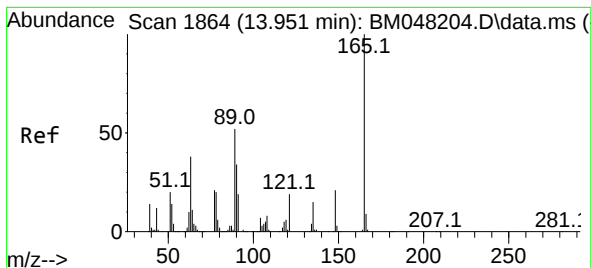
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 7.8 11.6





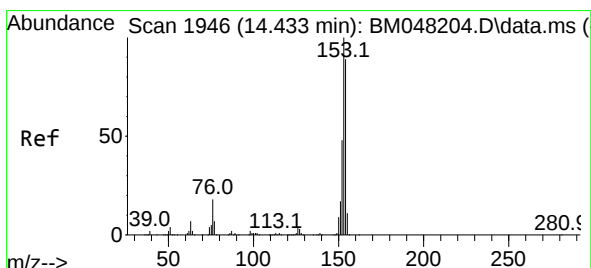
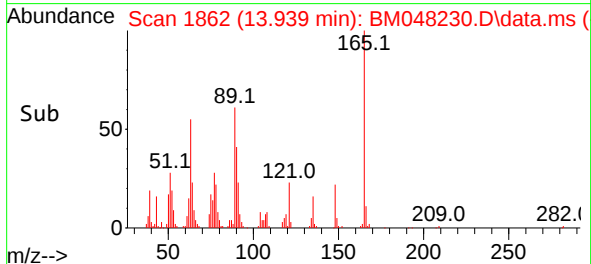
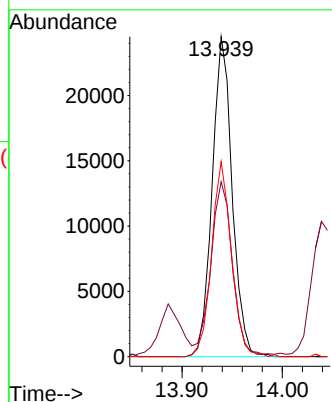
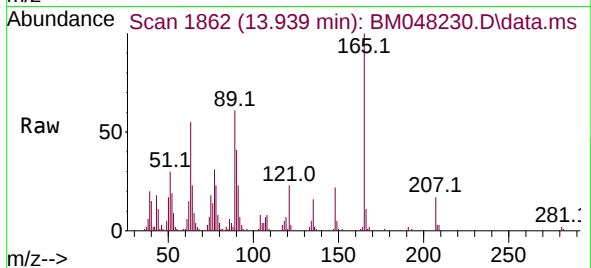
#51
2,6-Dinitrotoluene
Concen: 2.740 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:165 Resp: 3393
Ion Ratio Lower Upper
165 100
63 54.6 39.5 59.3
89 61.0 41.8 62.6

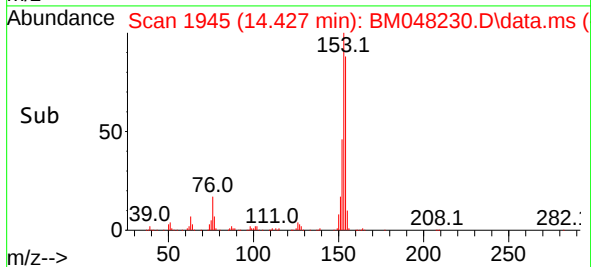
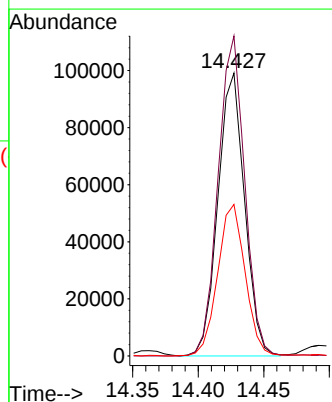
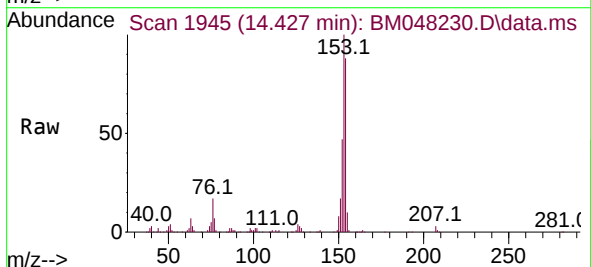
Manual Integrations
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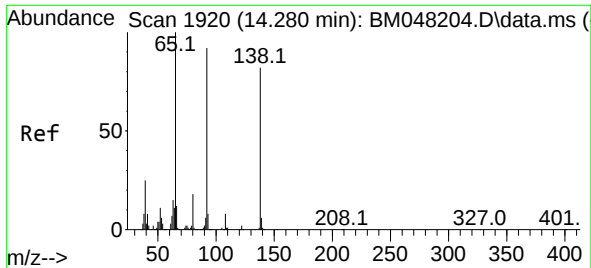
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#52
Acenaphthene
Concen: 3.307 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

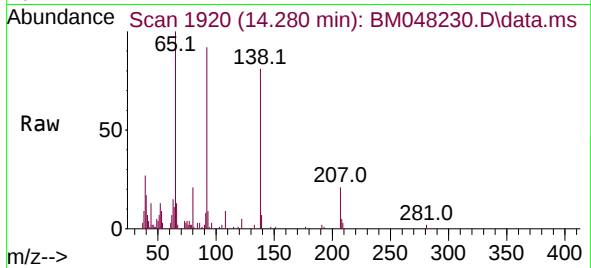
Tgt Ion:154 Resp: 140328
Ion Ratio Lower Upper
154 100
153 113.1 90.4 135.6
152 53.5 43.6 65.4





#53
3-Nitroaniline
Concen: 2.555 ng
RT: 14.280 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

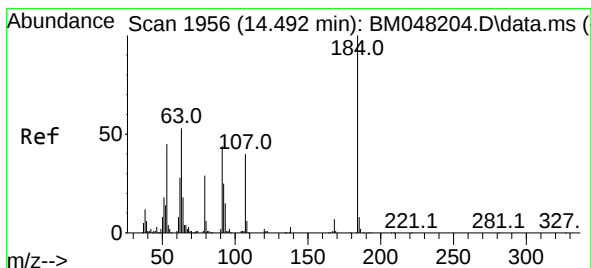
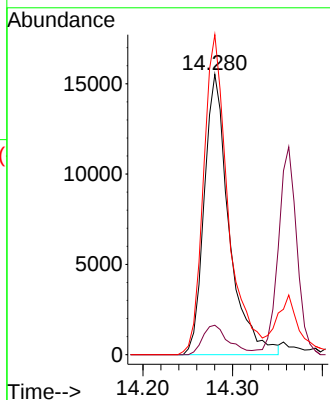
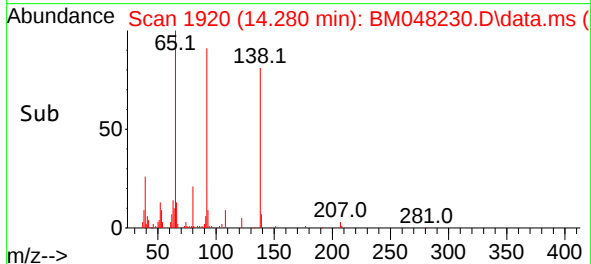
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:138 Resp: 29849
Ion Ratio Lower Upper
138 100
108 10.5 7.5 11.3
92 114.2 89.7 134.5

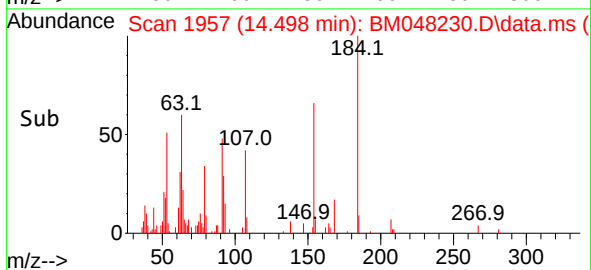
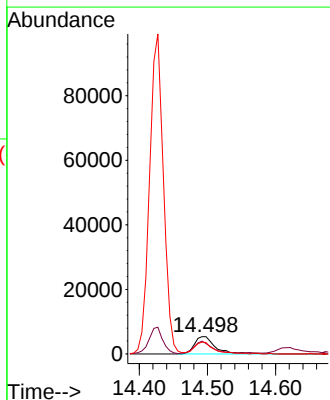
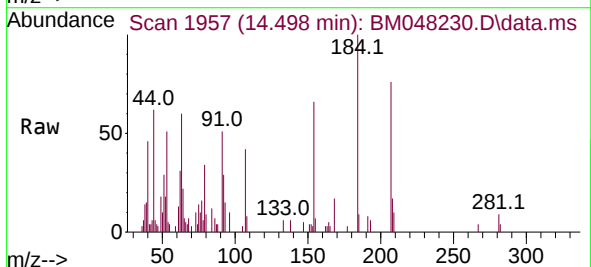
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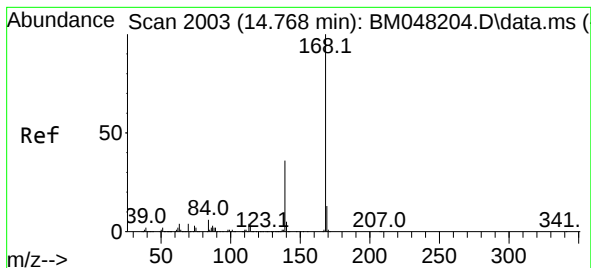
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#54
2,4-Dinitrophenol
Concen: 1.601 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:184 Resp: 11590
Ion Ratio Lower Upper
184 100
63 60.0 47.2 70.8
154 66.0 46.0 69.0





#55

Dibenzenofuran

Concen: 3.454 ng

RT: 14.762 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM048230.D

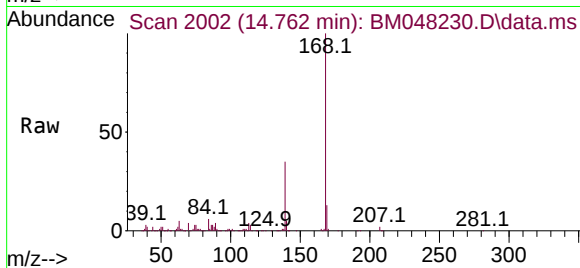
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:168 Resp: 232840

Ion Ratio Lower Upper

168 100

139 34.8 29.0 43.6

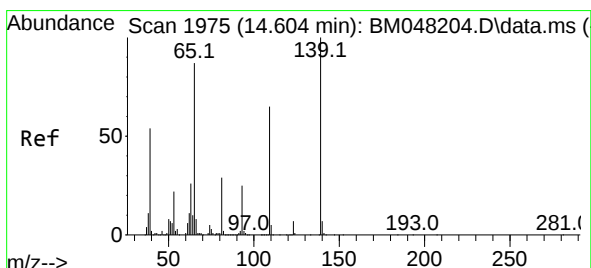
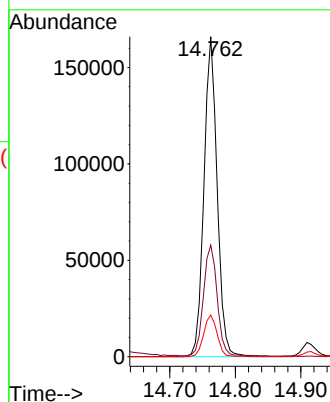
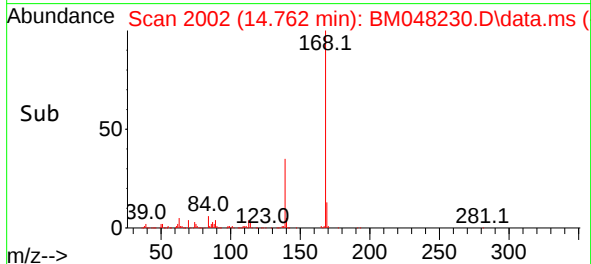
169 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#56

4-Nitrophenol

Concen: 1.714 ng

RT: 14.615 min Scan# 1977

Delta R.T. 0.011 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

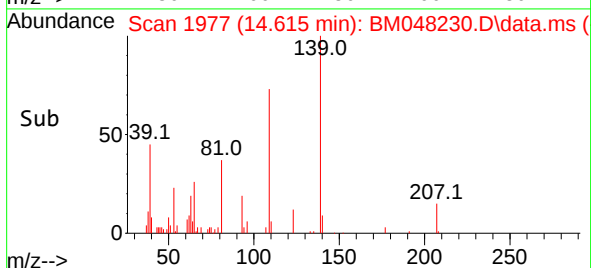
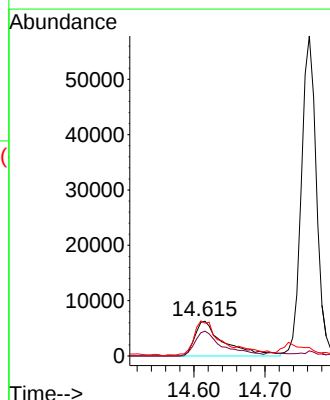
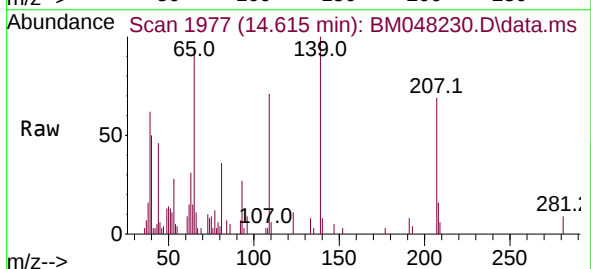
Tgt Ion:139 Resp: 17872

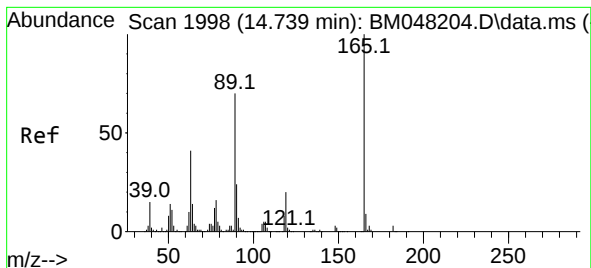
Ion Ratio Lower Upper

139 100

109 71.4 45.4 85.4

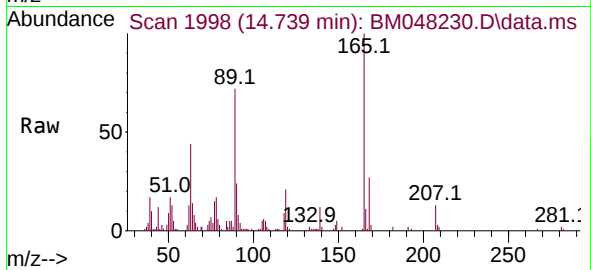
65 94.4 67.3 107.3





#57
2,4-Dinitrotoluene
Concen: 2.538 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

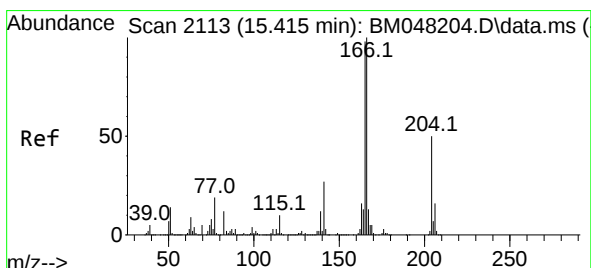
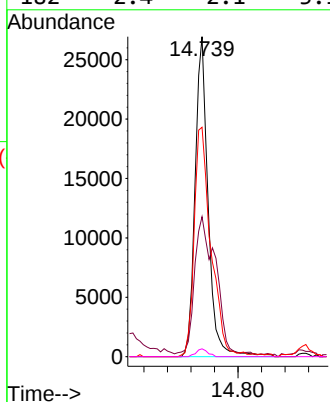
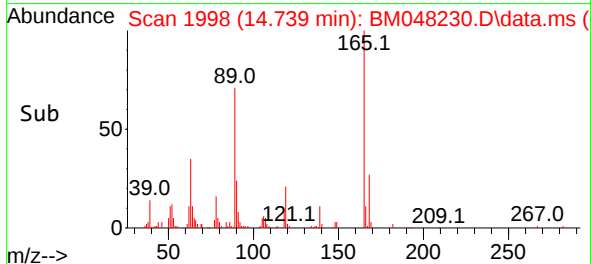
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:165 Resp: 4151
Ion Ratio Lower Upper
165 100
63 43.7 33.0 49.4
89 71.7 55.8 83.6
182 2.4 2.1 3.1

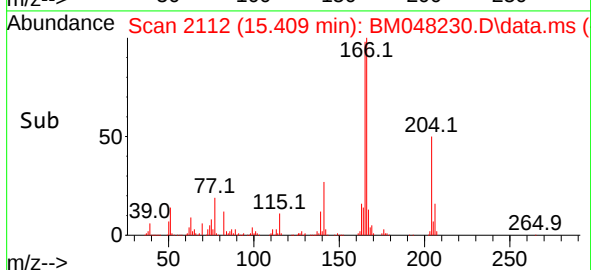
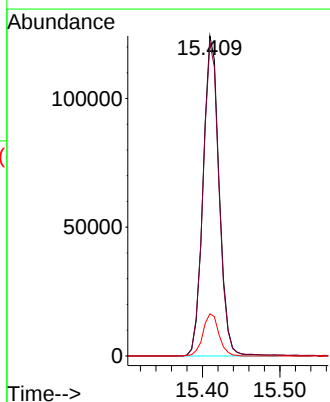
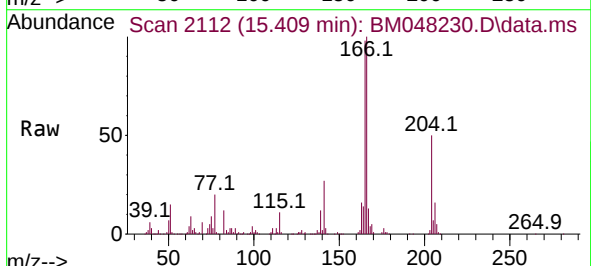
Manual Integrations
APPROVED

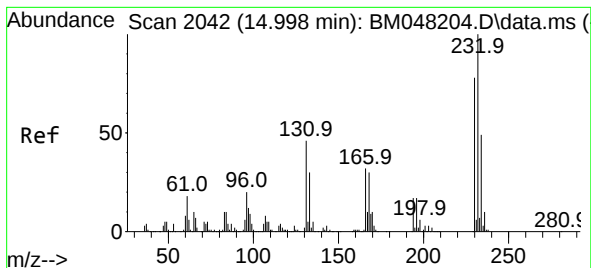
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#58
Fluorene
Concen: 3.344 ng
RT: 15.409 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

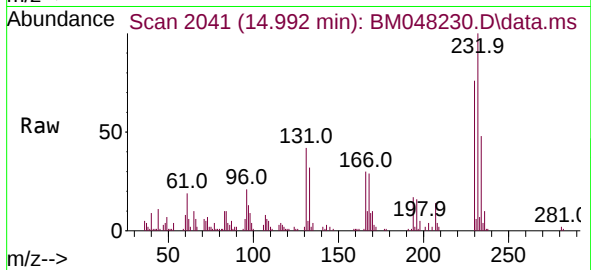
Tgt Ion:166 Resp: 178276
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.2 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.186 ng
RT: 14.992 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

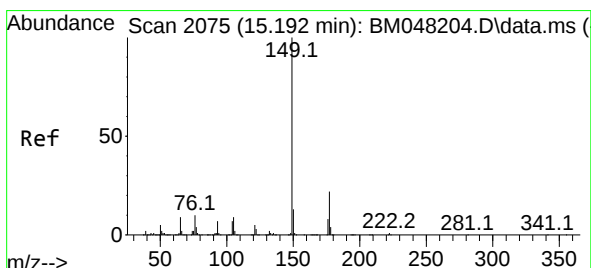
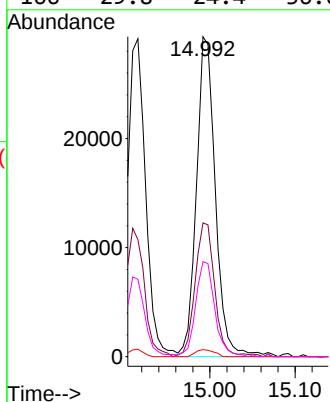
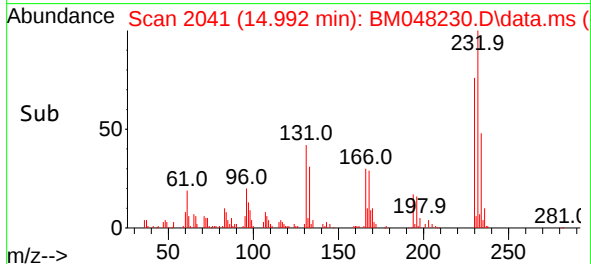
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:232 Resp: 4541
Ion Ratio Lower Upper
232 100
131 43.3 35.5 53.3
130 2.2 1.8 2.6
166 29.8 24.4 36.6

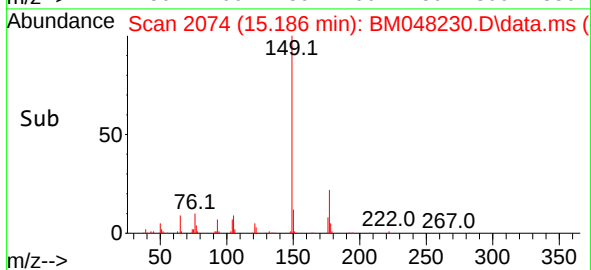
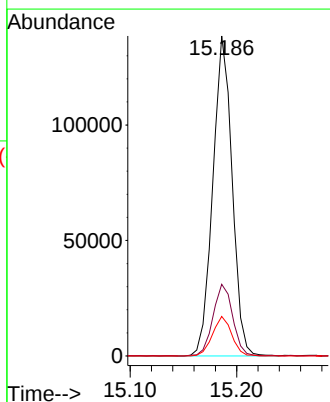
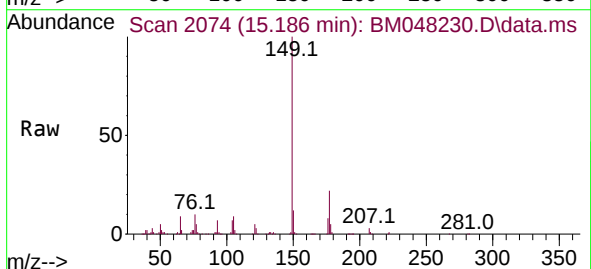
Manual Integrations
APPROVED

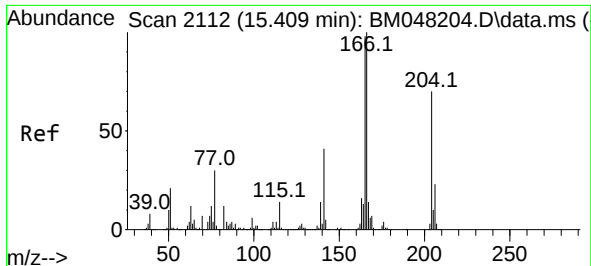
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#60
Diethylphthalate
Concen: 3.096 ng
RT: 15.186 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

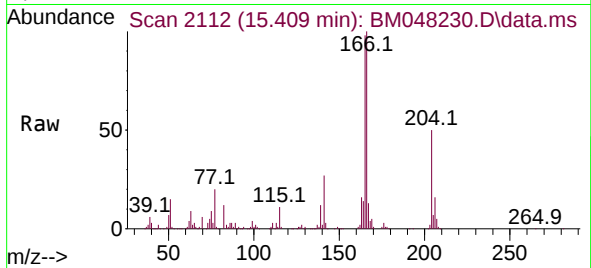
Tgt Ion:149 Resp: 173985
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 3.401 ng
RT: 15.409 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

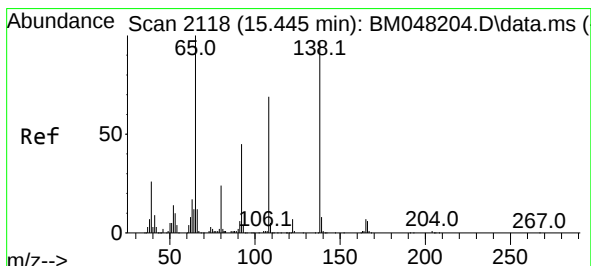
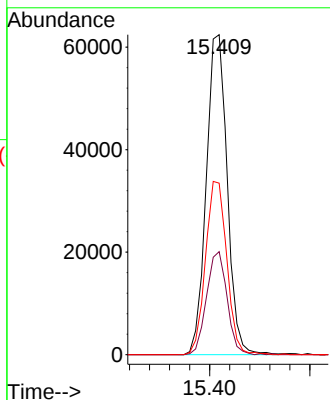
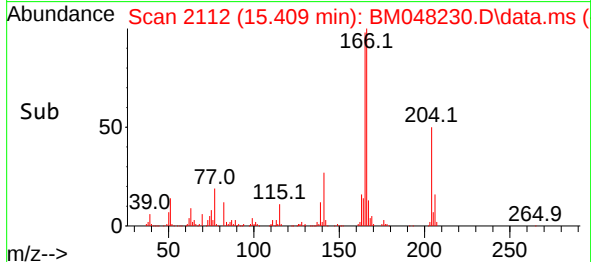
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:204 Resp: 9065
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 53.6 47.0 70.6

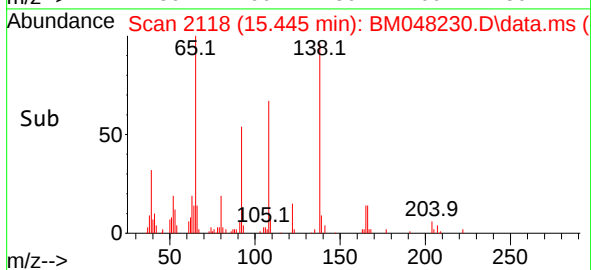
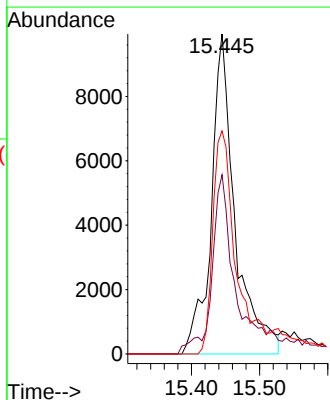
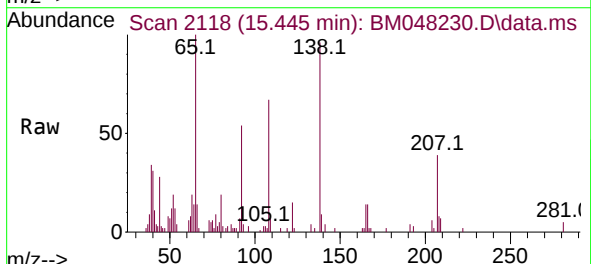
Manual Integrations
APPROVED

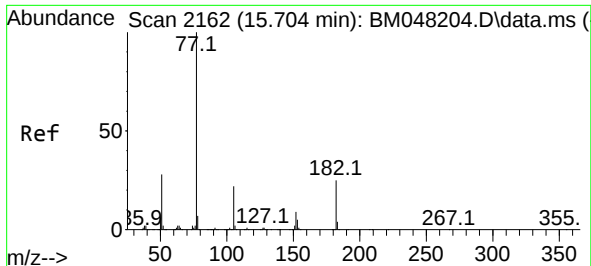
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#62
4-Nitroaniline
Concen: 2.003 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

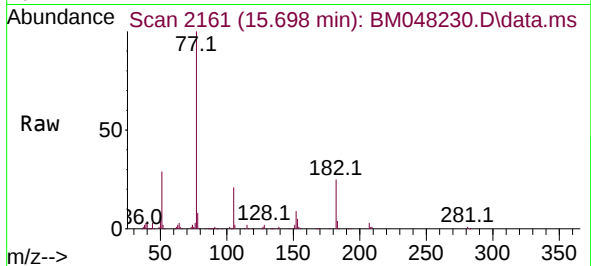
Tgt Ion:138 Resp: 24219
Ion Ratio Lower Upper
138 100
92 56.0 26.9 66.9
108 69.7 51.3 91.3





#63
Azobenzene
Concen: 3.094 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

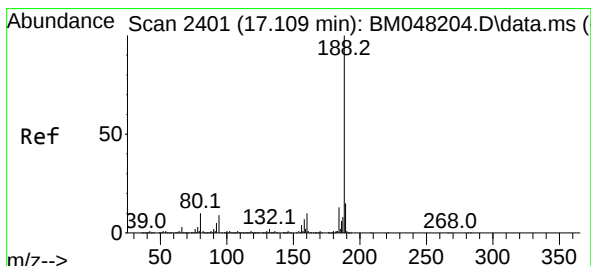
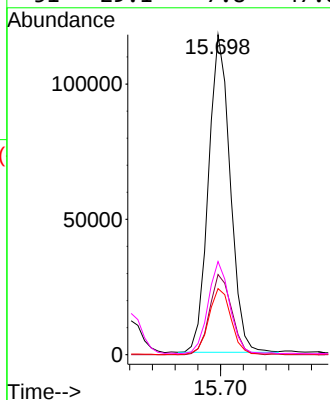
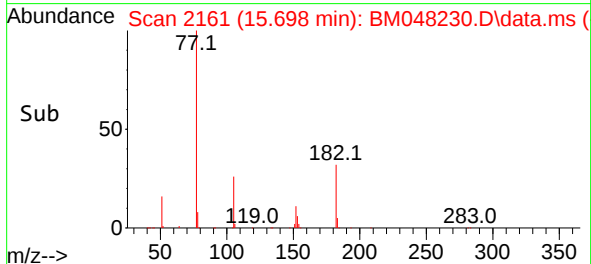
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 77 Resp: 15588
Ion Ratio Lower Upper
77 100
182 25.1 5.3 45.3
105 20.6 1.6 41.6
51 29.1 7.8 47.8

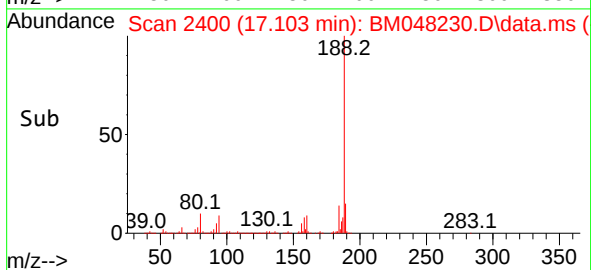
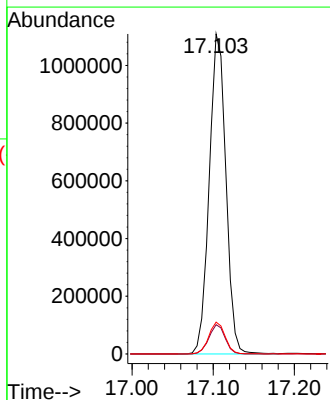
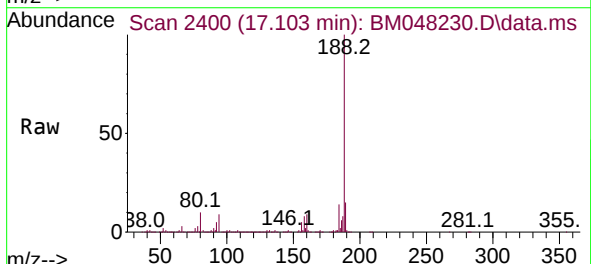
Manual Integrations
APPROVED

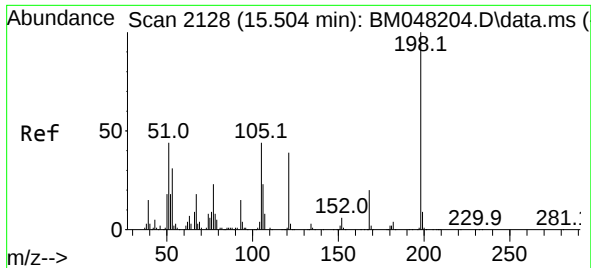
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.103 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

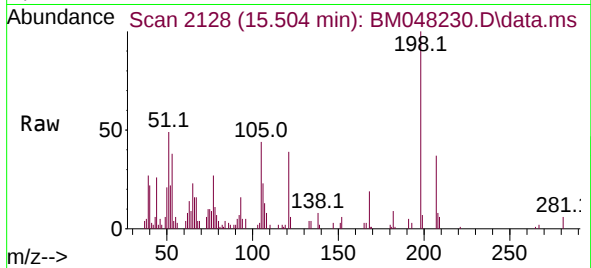
Tgt Ion:188 Resp: 1579972
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 10.0 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 2.049 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

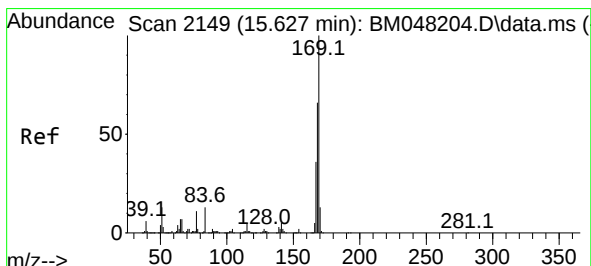
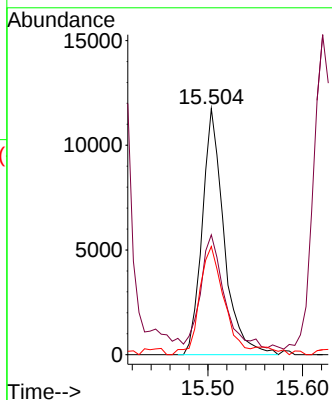
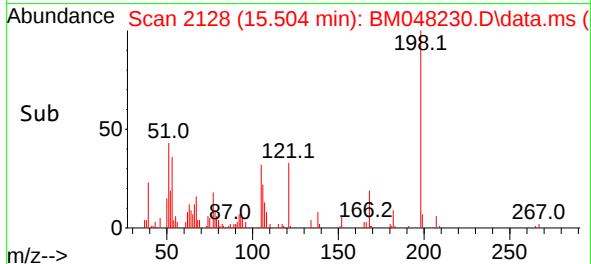
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:198 Resp: 1878
Ion Ratio Lower Upper
198 100
51 48.7 25.4 65.4
105 44.0 23.9 63.9

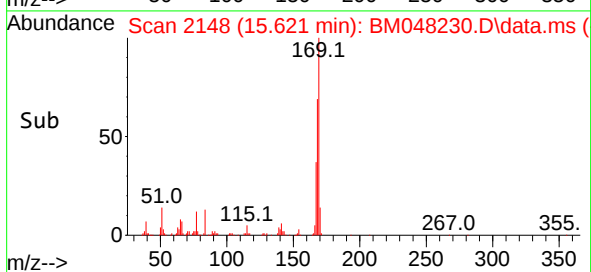
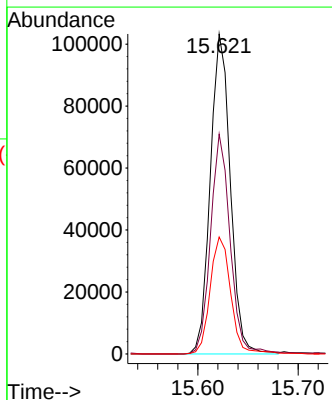
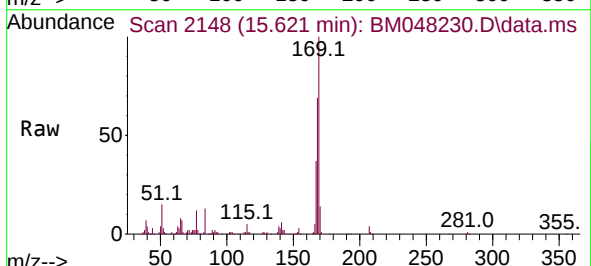
Manual Integrations
APPROVED

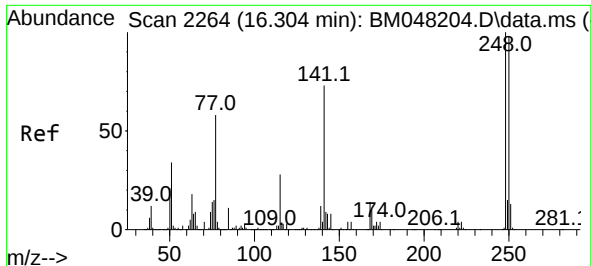
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#66
n-Nitrosodiphenylamine
Concen: 3.296 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

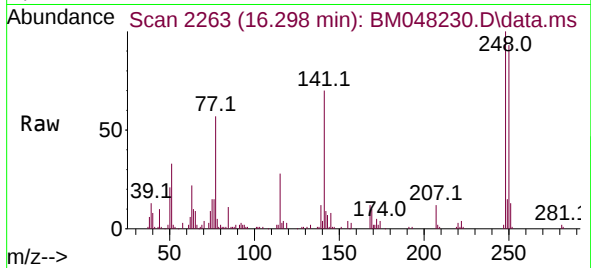
Tgt Ion:169 Resp: 142969
Ion Ratio Lower Upper
169 100
168 68.7 52.9 79.3
167 36.5 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 3.324 ng
RT: 16.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

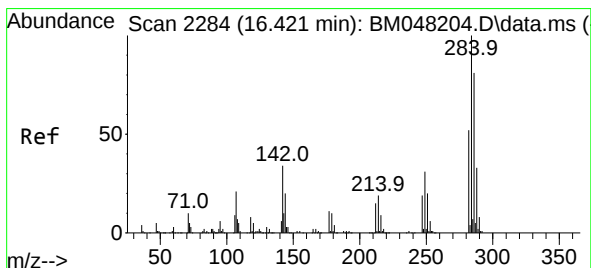
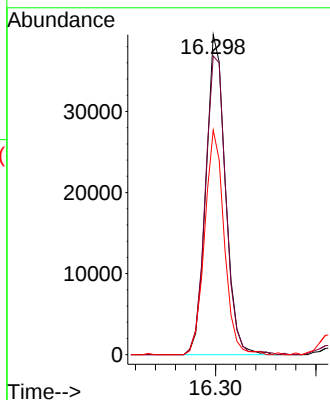
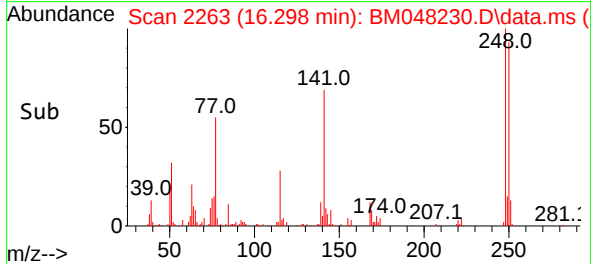
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:248 Resp: 53240
Ion Ratio Lower Upper
248 100
250 93.4 78.3 117.5
141 70.2 58.0 87.0

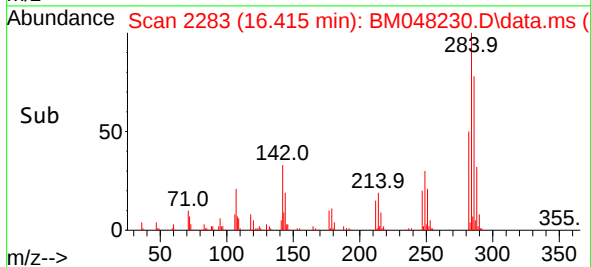
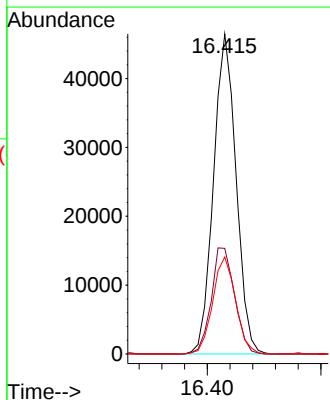
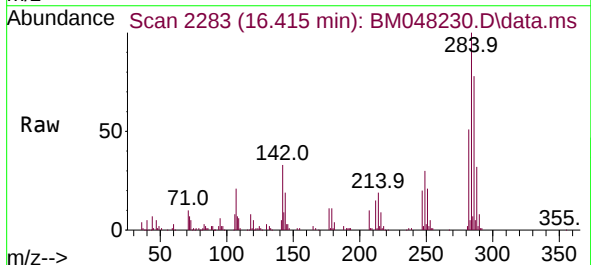
Manual Integrations
APPROVED

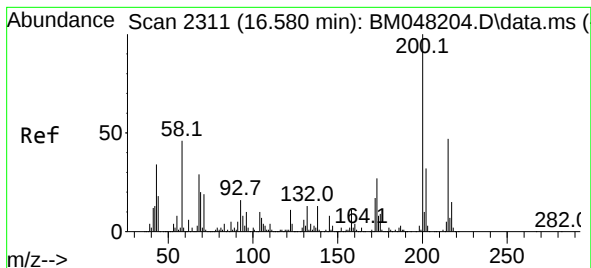
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#68
Hexachlorobenzene
Concen: 3.329 ng
RT: 16.415 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:284 Resp: 64042
Ion Ratio Lower Upper
284 100
142 33.0 27.0 40.4
249 30.3 24.6 36.8





#69

Atrazine

Concen: 3.826 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048230.D

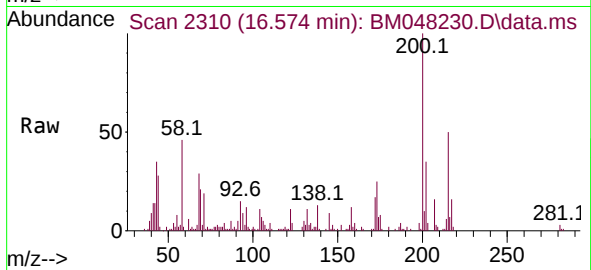
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



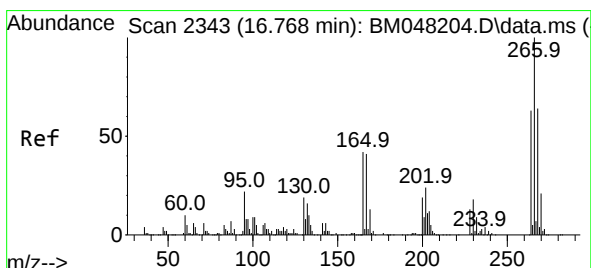
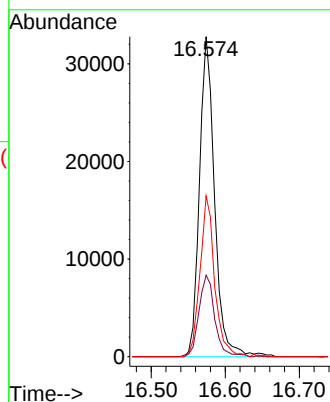
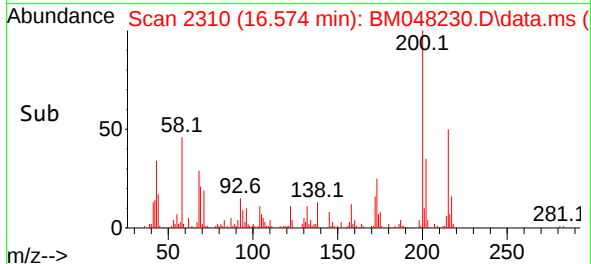
Tgt Ion:	200	Resp:	46430
Ion Ratio	Lower	Upper	
200	100		
173	25.5	6.5	46.5
215	50.3	27.2	67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#70

Pentachlorophenol

Concen: 2.538 ng

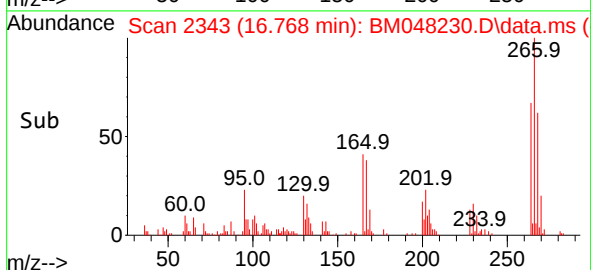
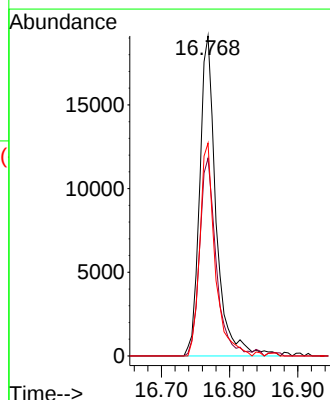
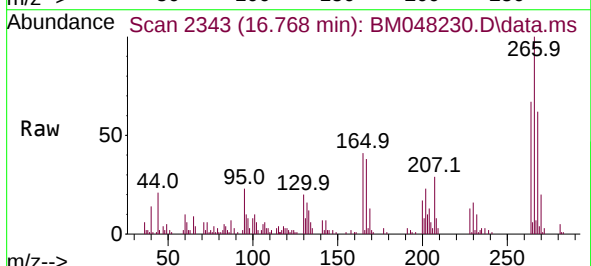
RT: 16.768 min Scan# 2343

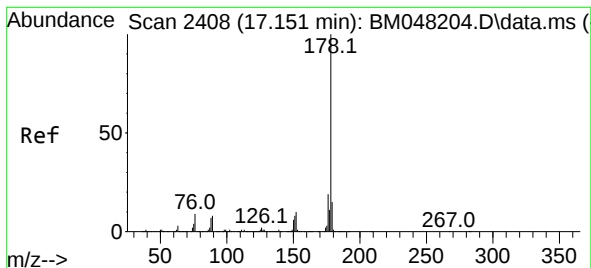
Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:	266	Resp:	32062
Ion Ratio	Lower	Upper	
266	100		
268	61.8	50.8	76.2
264	66.5	50.2	75.2





#71

Phenanthrene

Concen: 3.548 ng

RT: 17.145 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM048230.D

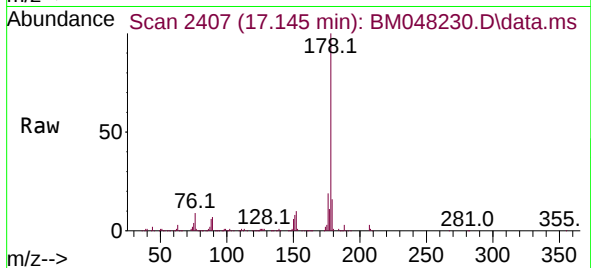
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:178 Resp: 277589

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

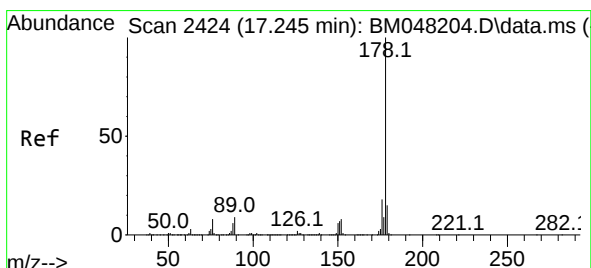
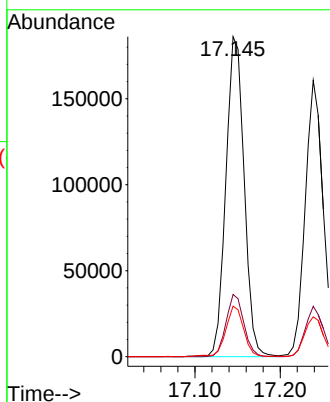
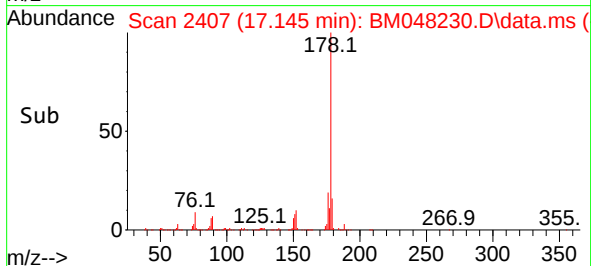
179 15.8 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#72

Anthracene

Concen: 3.207 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

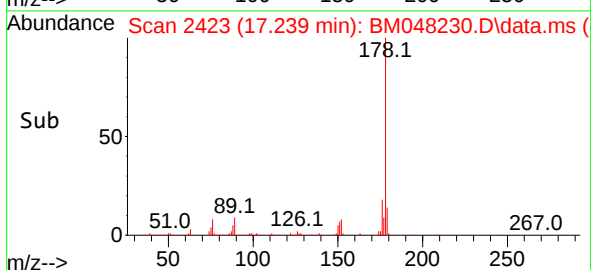
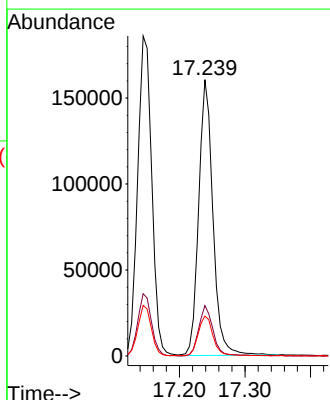
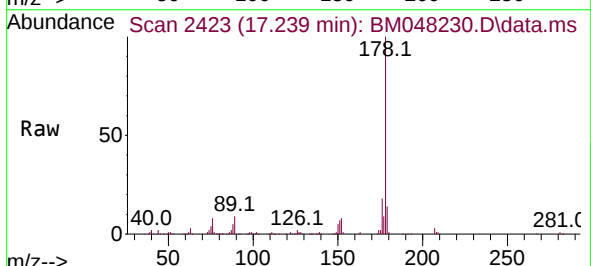
Tgt Ion:178 Resp: 242866

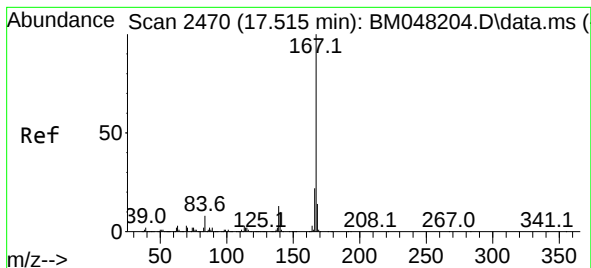
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 14.4 12.2 18.2





#73

Carbazole

Concen: 3.032 ng

RT: 17.515 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:167 Resp: 22514

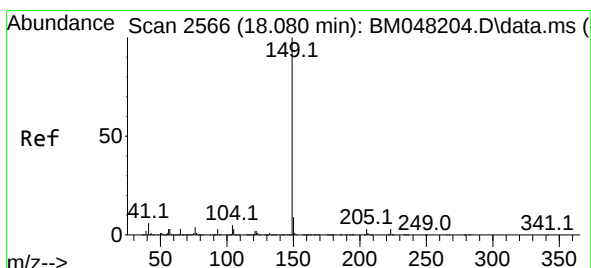
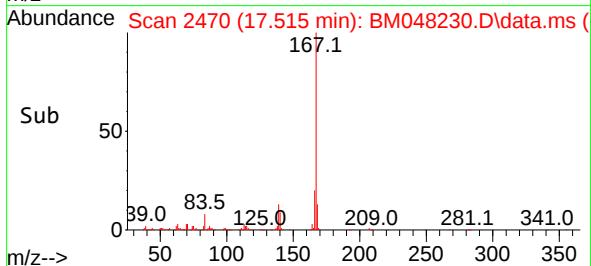
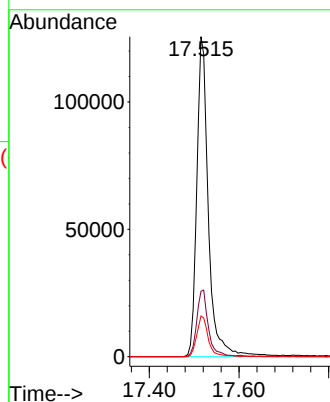
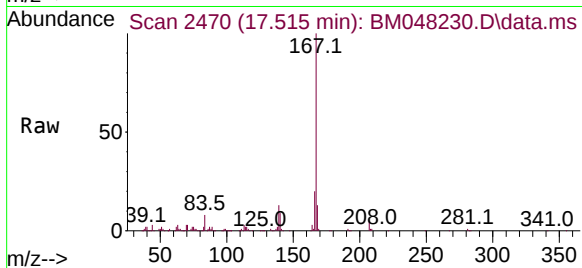
Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.2	25.8
139	12.7	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#74

Di-n-butylphthalate

Concen: 2.870 ng

RT: 18.074 min Scan# 2565

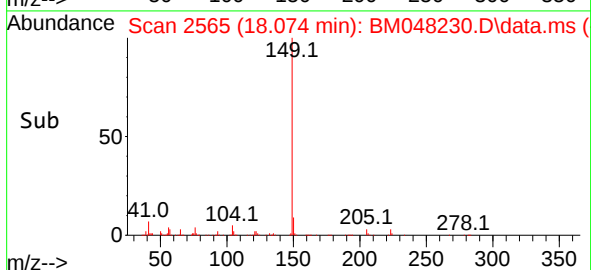
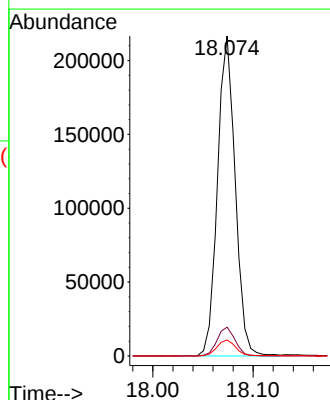
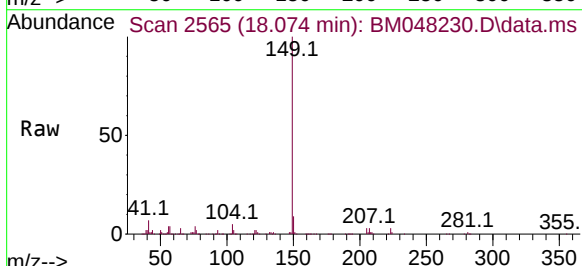
Delta R.T. -0.006 min

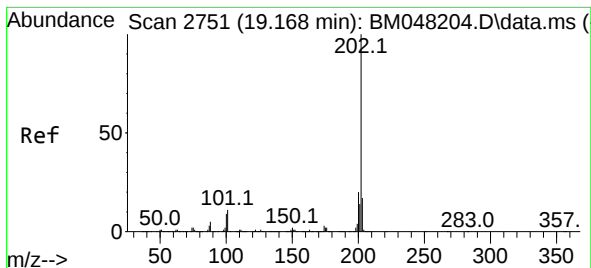
Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:149 Resp: 265228

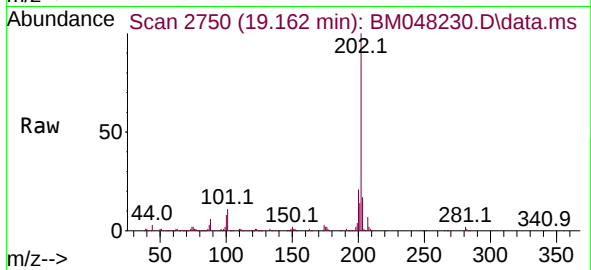
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.0	3.8	5.6





#75
Fluoranthene
Concen: 3.065 ng
RT: 19.162 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

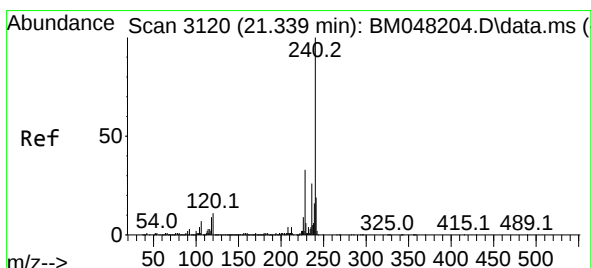
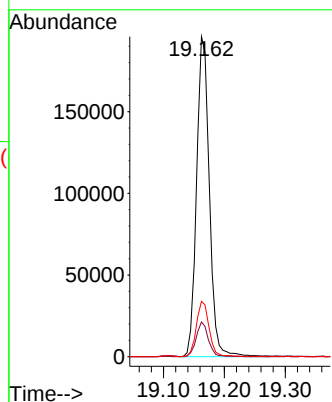
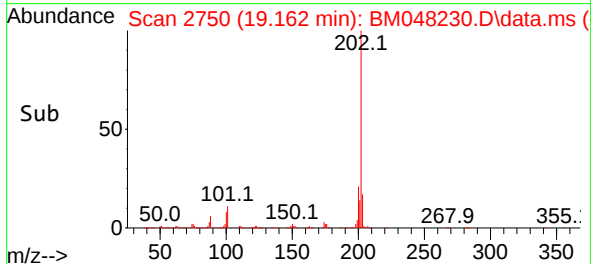
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:202 Resp: 286002
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.0
203 17.3 0.0 37.5

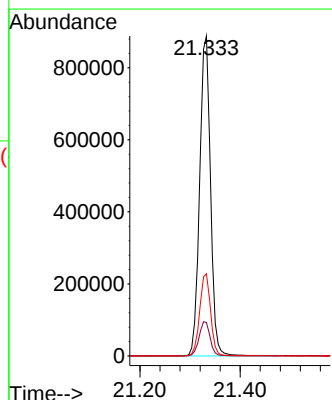
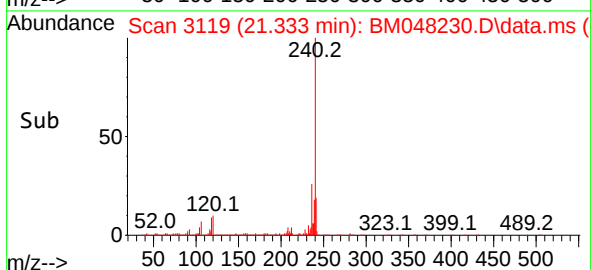
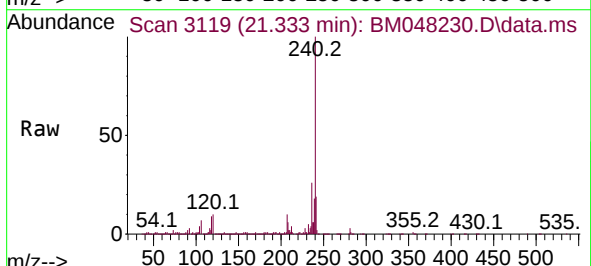
Manual Integrations
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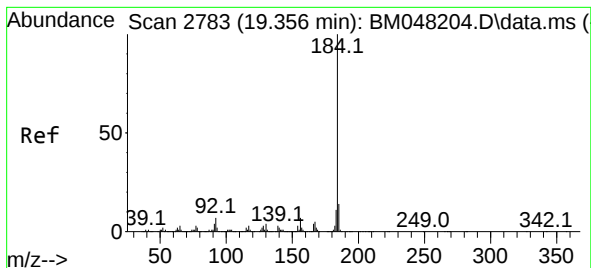
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:240 Resp: 1330868
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 25.7 20.7 31.1





#77

Benzidine

Concen: 2.672 ng

RT: 19.356 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

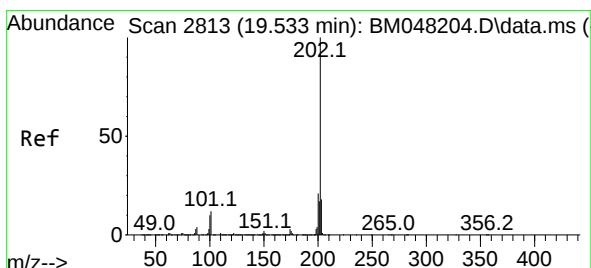
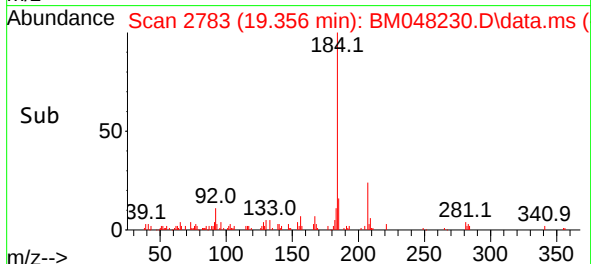
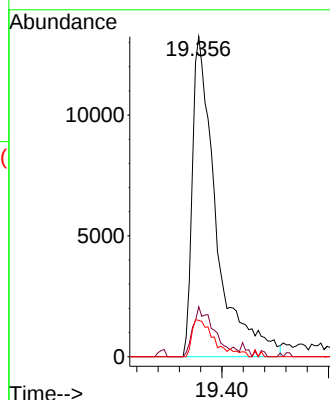
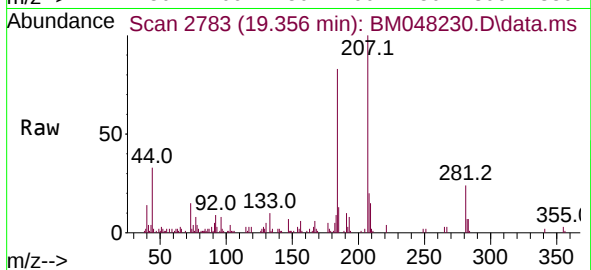
Tgt Ion:	184	Resp:	4104
Ion Ratio	Lower	Upper	
184	100		
185	15.6	11.4	17.0
183	11.4	9.0	13.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#78

Pyrene

Concen: 3.350 ng

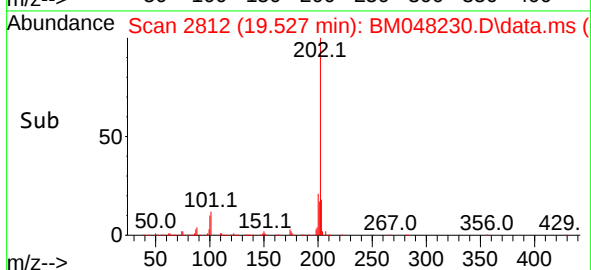
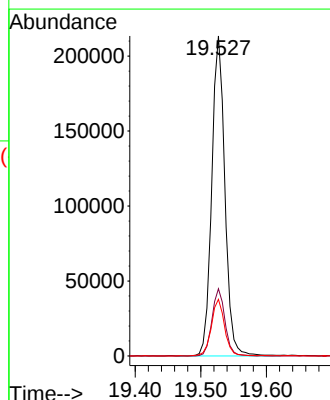
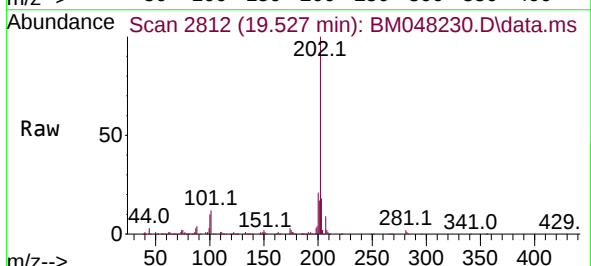
RT: 19.527 min Scan# 2812

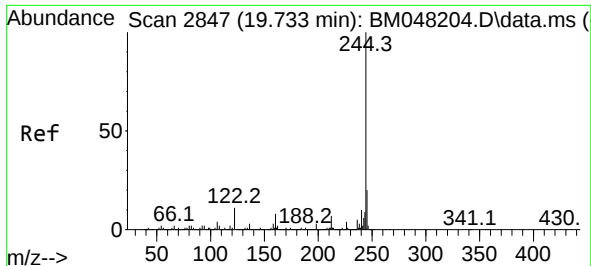
Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

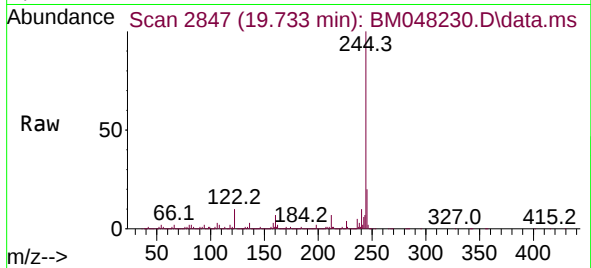
Tgt Ion:	202	Resp:	298376
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.7	14.1	21.1





#79
 Terphenyl-d14
 Concen: 66.762 ng
 RT: 19.733 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BM048230.D
 Acq: 25 Oct 2024 10:07

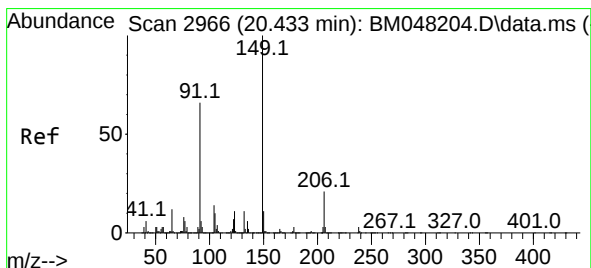
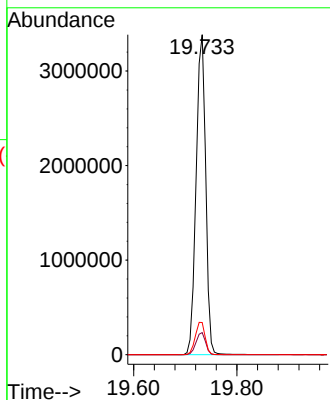
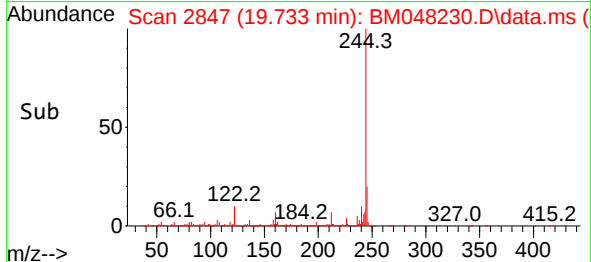
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2024



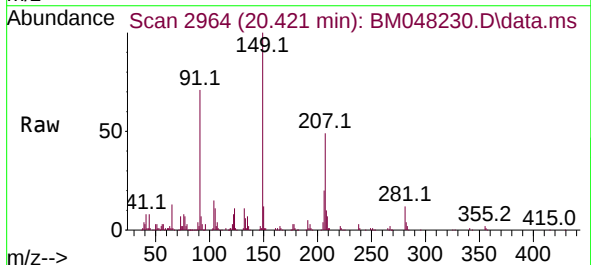
Tgt Ion:244 Resp: 4353880
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.1 8.8 13.2

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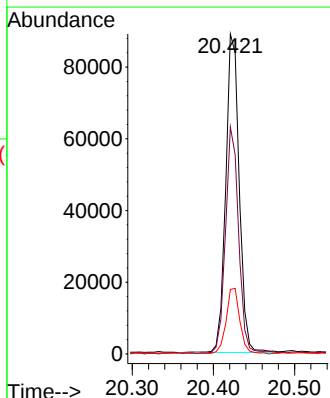
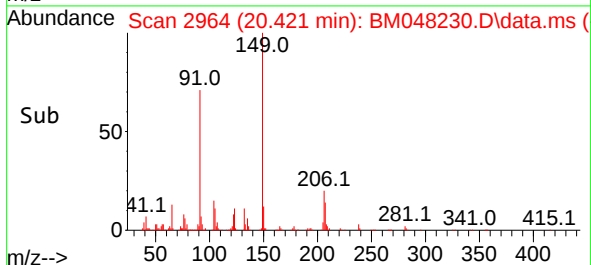
Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/28/2024

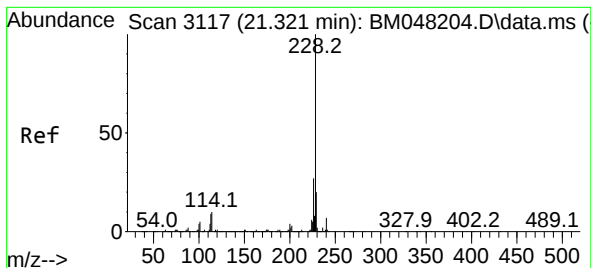


#80
 Butylbenzylphthalate
 Concen: 2.757 ng
 RT: 20.421 min Scan# 2964
 Delta R.T. -0.012 min
 Lab File: BM048230.D
 Acq: 25 Oct 2024 10:07



Tgt Ion:149 Resp: 102698
 Ion Ratio Lower Upper
 149 100
 91 71.0 52.5 78.7
 206 20.1 17.0 25.6





#81

Benzo(a)anthracene

Concen: 3.385 ng

RT: 21.309 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:228 Resp: 28791

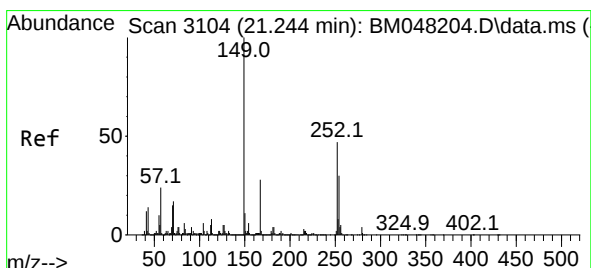
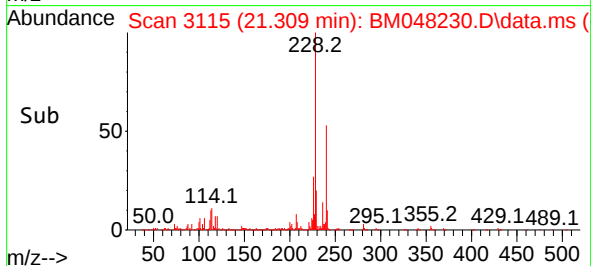
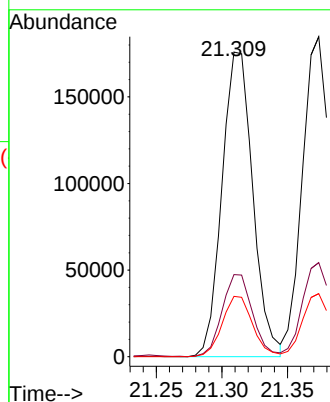
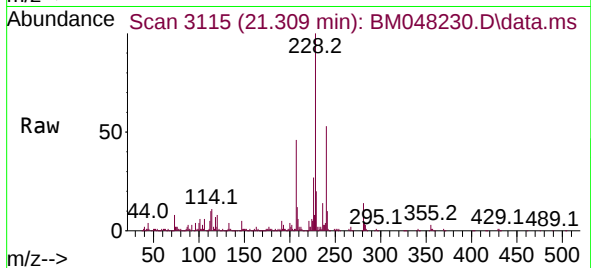
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.8	15.7	23.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#82

3,3'-Dichlorobenzidine

Concen: 2.802 ng

RT: 21.244 min Scan# 3104

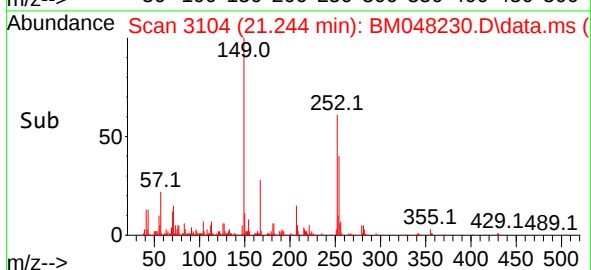
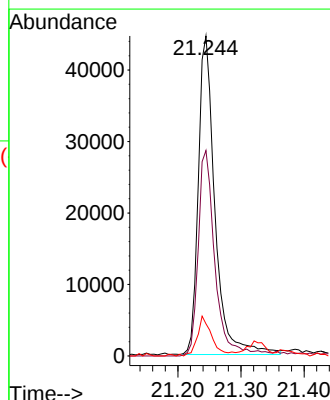
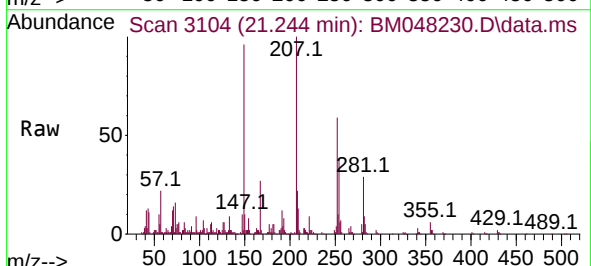
Delta R.T. 0.000 min

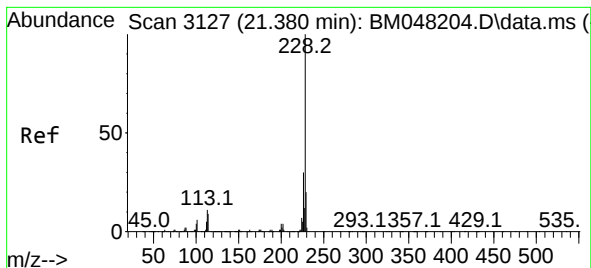
Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:252 Resp: 81632

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.8
126	10.0	8.8	13.2





#83

Chrysene

Concen: 3.447 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:228 Resp: 281400

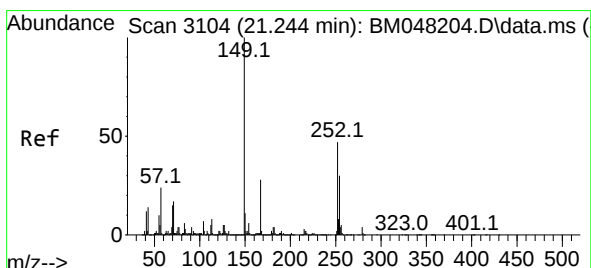
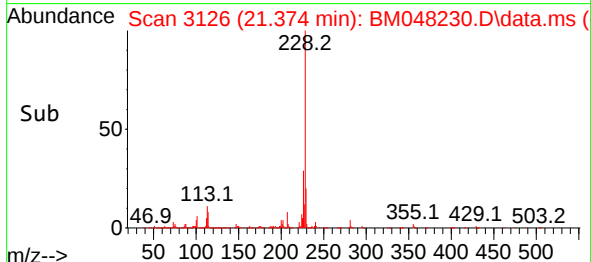
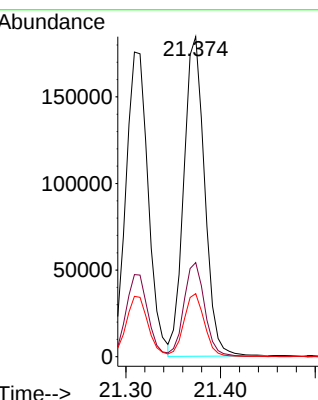
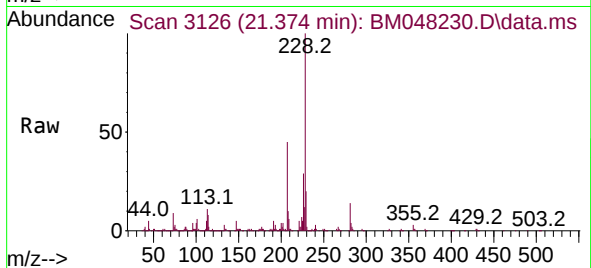
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	19.7	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.770 ng

RT: 21.239 min Scan# 3103

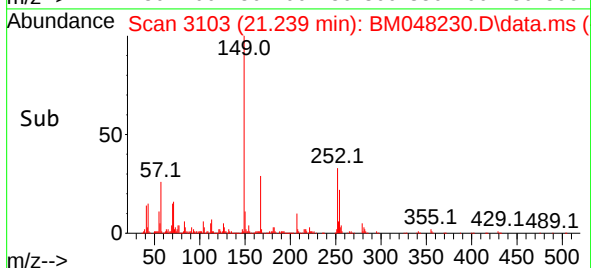
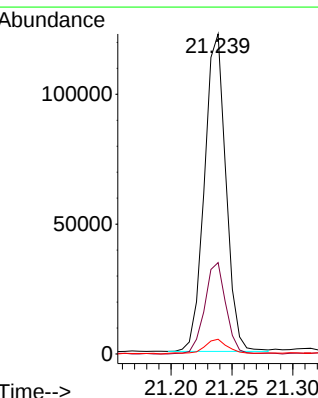
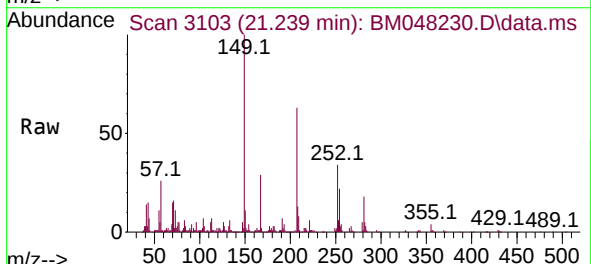
Delta R.T. -0.006 min

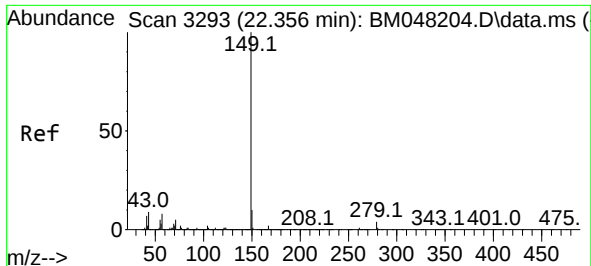
Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:149 Resp: 149958

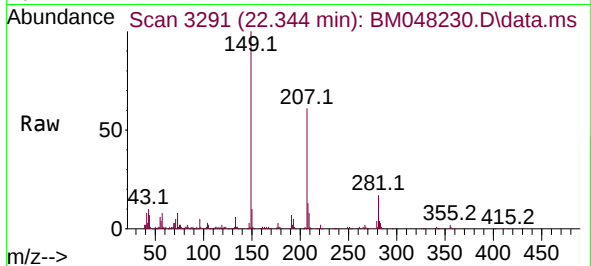
Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	4.6	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 2.336 ng
RT: 22.344 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

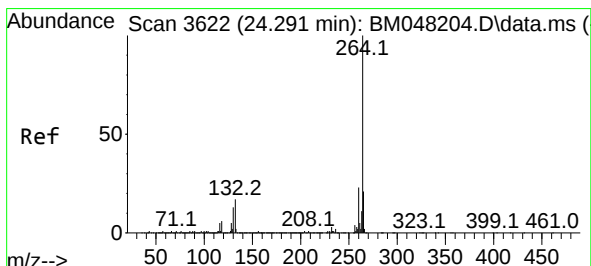
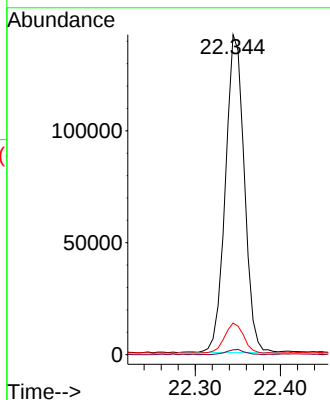
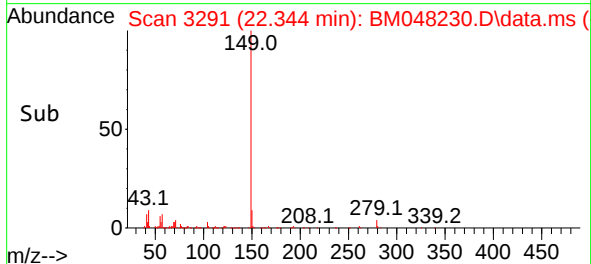
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:149 Resp: 21903
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 7.3 10.9

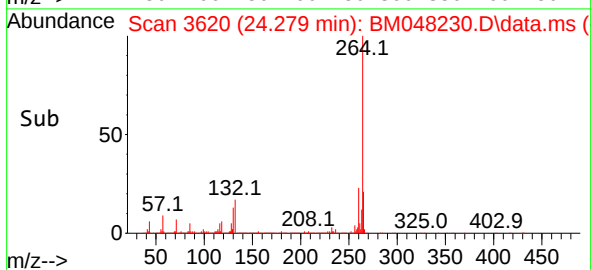
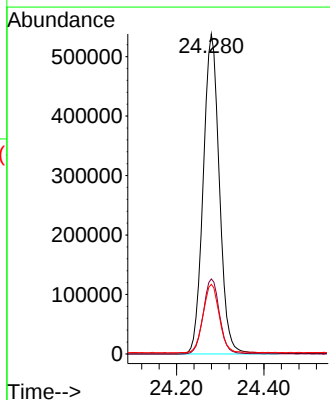
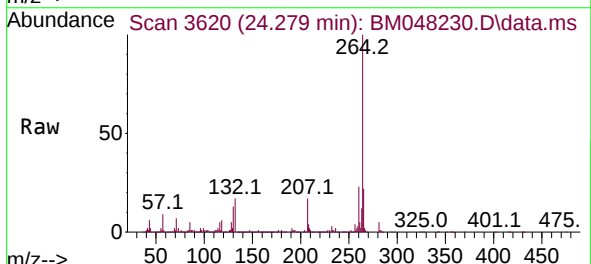
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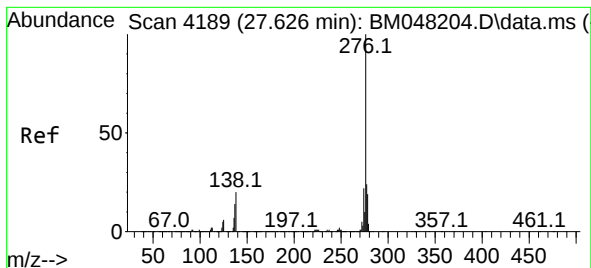
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.279 min Scan# 3620
Delta R.T. -0.012 min
Lab File: BM048230.D
Acq: 25 Oct 2024 10:07

Tgt Ion:264 Resp: 1387185
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.136 ng

RT: 27.597 min Scan# 4189

Delta R.T. -0.029 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

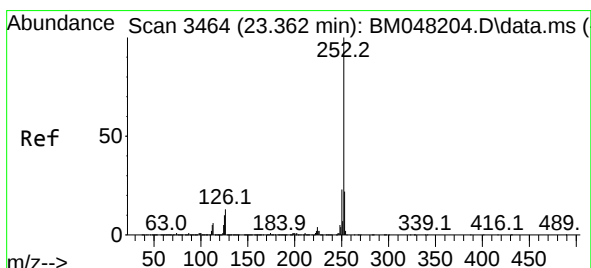
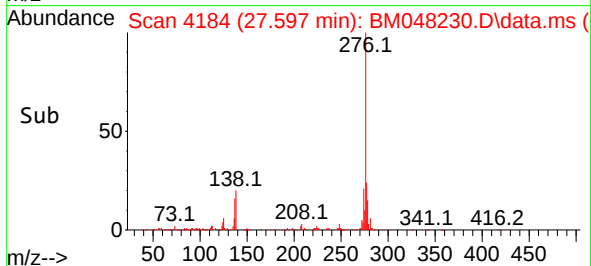
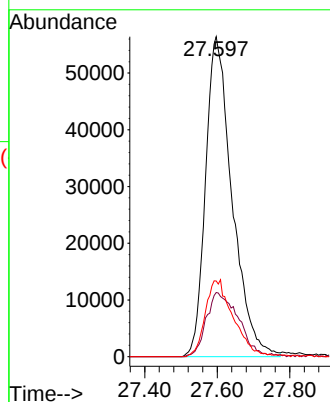
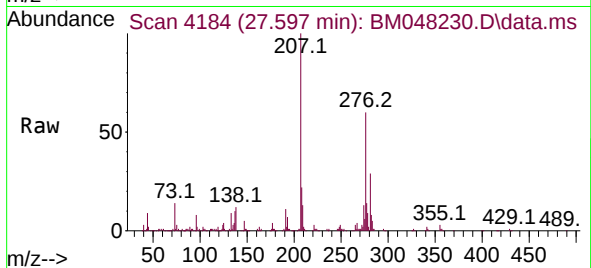
Tgt Ion:276 Resp: 287625
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.8 29.6
 277 25.2 20.0 30.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#88

Benzo(b)fluoranthene

Concen: 3.290 ng

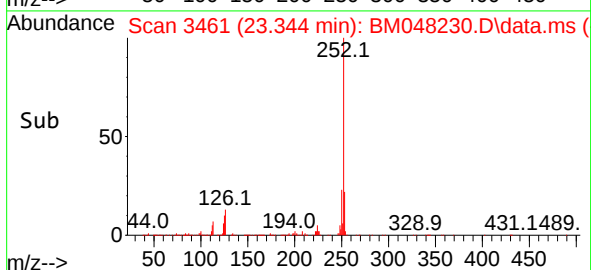
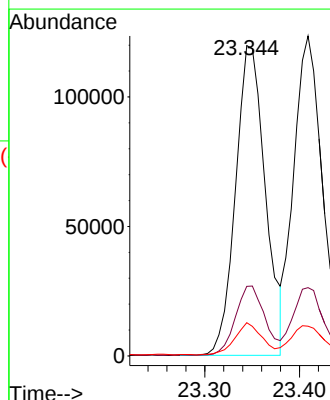
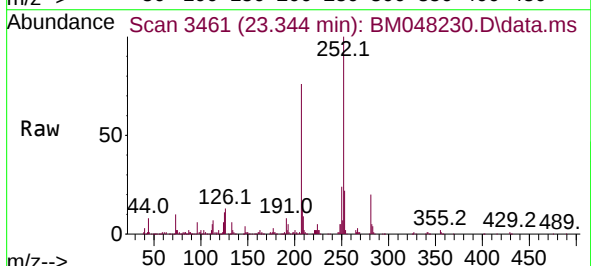
RT: 23.344 min Scan# 3461

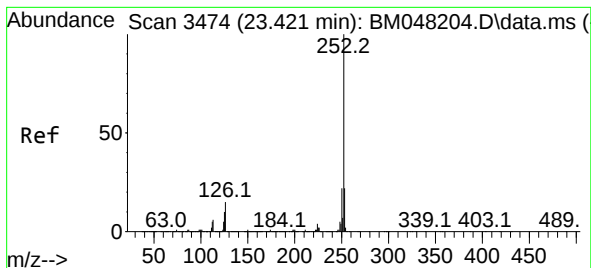
Delta R.T. -0.018 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:252 Resp: 261683
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.6
 125 10.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 3.460 ng

RT: 23.409 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM048230.D

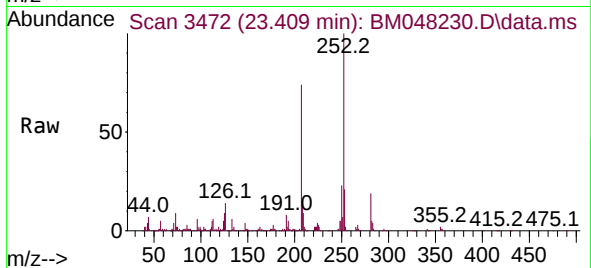
Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024



Tgt Ion:252 Resp: 26609

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

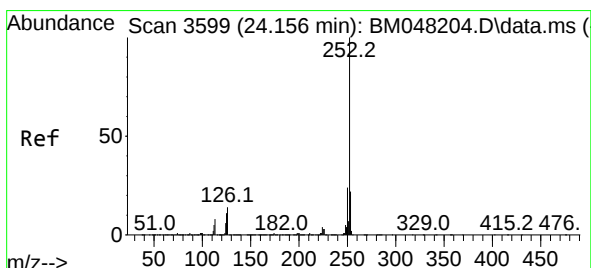
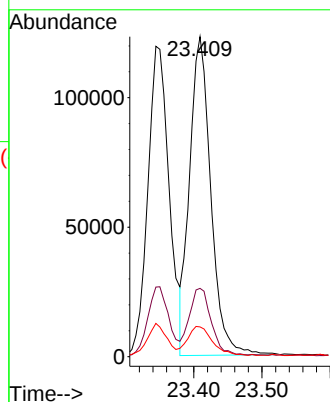
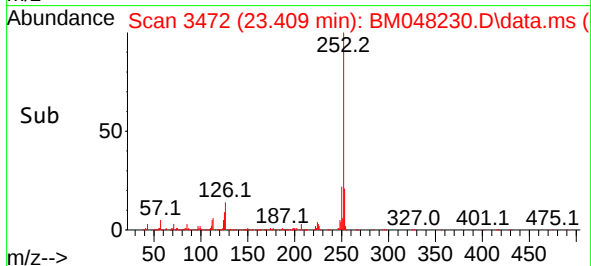
125 9.3 7.8 11.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#90

Benzo(a)pyrene

Concen: 3.246 ng

RT: 24.138 min Scan# 3596

Delta R.T. -0.018 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

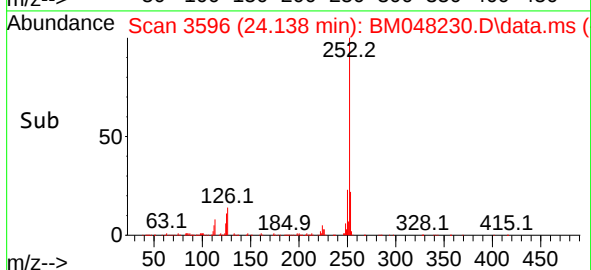
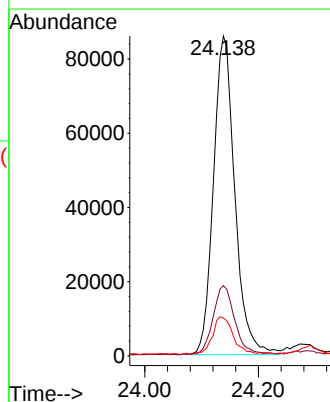
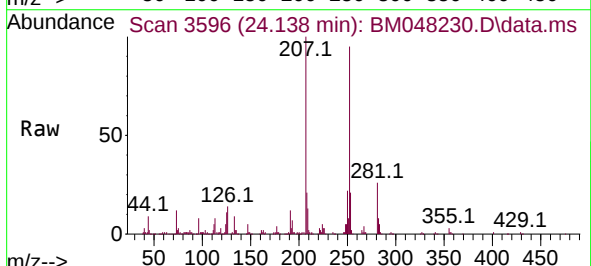
Tgt Ion:252 Resp: 224454

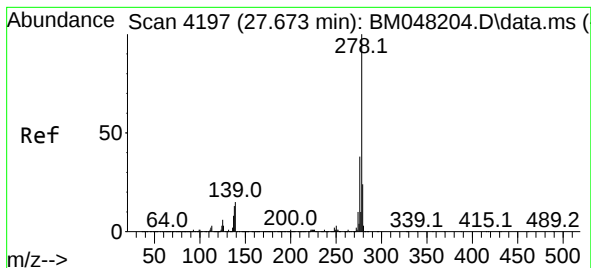
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 3.126 ng

RT: 27.650 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2024

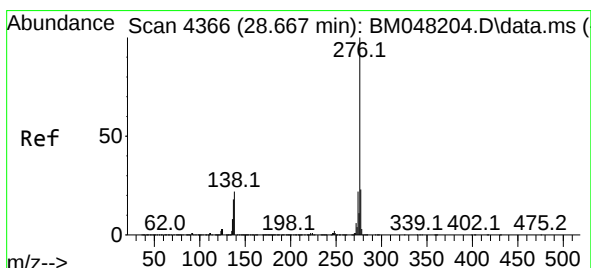
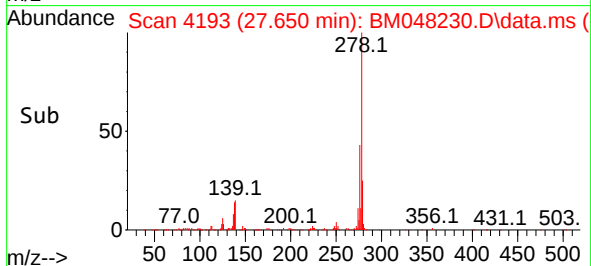
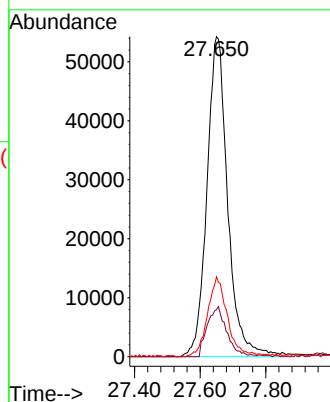
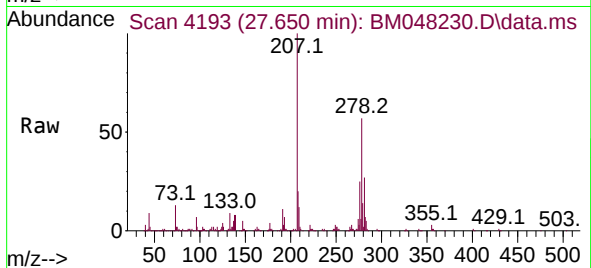
Tgt Ion:278 Resp: 238789
 Ion Ratio Lower Upper
 278 100
 139 14.7 12.2 18.4
 279 24.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#92

Benzo(g,h,i)perylene

Concen: 2.974 ng

RT: 28.638 min Scan# 4361

Delta R.T. -0.029 min

Lab File: BM048230.D

Acq: 25 Oct 2024 10:07

Tgt Ion:276 Resp: 232608
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.5 27.7
 138 20.9 17.5 26.3

