

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047162.D
 Acq On : 12 Aug 2024 19:31
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-5NG
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 12 23:43:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	270950	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1146948	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	768561	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1697047	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1612249	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1825646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1421844	93.767	ng	0.00
7) Phenol-d6	6.581	99	1931236	92.429	ng	0.00
23) Nitrobenzene-d5	8.516	82	1768245	77.629	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	885445	99.359	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3870739	77.687	ng	0.00
79) Terphenyl-d14	19.456	244	6557589	87.154	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	33457	5.325	ng	99
3) Pyridine	3.422	79	82855	4.497	ng	98
4) n-Nitrosodimethylamine	3.334	42	41110	5.107	ng	# 85
6) Aniline	6.722	93	124189	6.288	ng	98
8) 2-Chlorophenol	6.945	128	83371	5.041	ng	98
9) Benzaldehyde	6.534	77	81744m	5.113	ng	
10) Phenol	6.604	94	105146	5.043	ng	96
11) bis(2-Chloroethyl)ether	6.822	93	93824	5.255	ng	96
12) 1,3-Dichlorobenzene	7.263	146	98352	5.004	ng	99
13) 1,4-Dichlorobenzene	7.404	146	101446	5.098	ng	98
14) 1,2-Dichlorobenzene	7.716	146	98011	5.220	ng	97
15) Benzyl Alcohol	7.622	79	78567	5.283	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.910	45	125713	5.487	ng	98
17) 2-Methylphenol	7.828	107	68158	4.900	ng	98
18) Hexachloroethane	8.422	117	36735	4.766	ng	97
19) n-Nitroso-di-n-propyla...	8.181	70	76503	5.436	ng	93
20) 3+4-Methylphenols	8.157	107	95840	4.929	ng	98
22) Acetophenone	8.192	105	147452	5.326	ng	# 97
24) Nitrobenzene	8.557	77	118479	5.166	ng	98
25) Isophorone	9.086	82	201917	5.091	ng	98
26) 2-Nitrophenol	9.263	139	42290	4.163	ng	97
27) 2,4-Dimethylphenol	9.339	122	50314	4.229	ng	100
28) bis(2-Chloroethoxy)met...	9.569	93	127223	5.098	ng	97
29) 2,4-Dichlorophenol	9.792	162	82126	4.652	ng	98
30) 1,2,4-Trichlorobenzene	9.998	180	95224	4.766	ng	96
31) Naphthalene	10.175	128	288326	5.046	ng	98
32) Benzoic acid	9.434	122	38498	2.785	ng	99
33) 4-Chloroaniline	10.304	127	114519	5.212	ng	98
34) Hexachlorobutadiene	10.463	225	51917	4.440	ng	97
35) Caprolactam	11.086	113	28361	4.626	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	87400	4.648	ng	99
37) 2-Methylnaphthalene	11.804	142	202735	4.983	ng	99
38) 1-Methylnaphthalene	12.027	142	202055	5.026	ng	97
40) 1,2,4,5-Tetrachloroben...	12.186	216	105047	5.011	ng	99
41) Hexachlorocyclopentadiene	12.163	237	17189	2.348	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	65998	4.429	ng	94

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
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 LOQ-WATER-02-QT3-2024

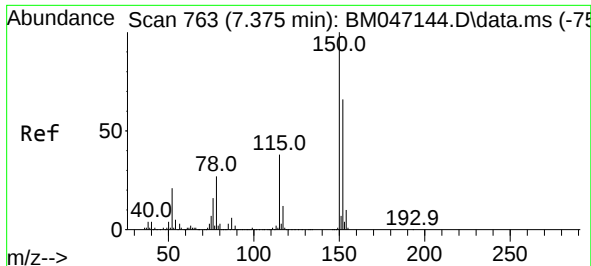
Quant Time: Aug 12 23:43:44 2024
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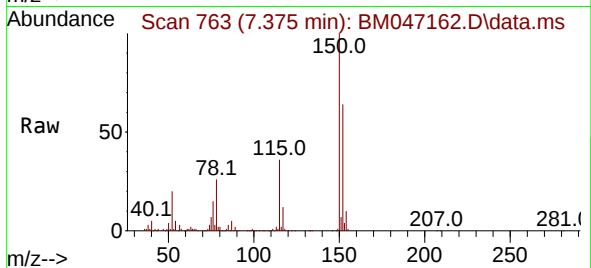
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44) 2,4,5-Trichlorophenol	12.516	196	73801	4.461	ng	98
46) 1,1'-Biphenyl	12.851	154	281392	5.143	ng	98
47) 2-Chloronaphthalene	12.886	162	221640	5.183	ng	97
48) 2-Nitroaniline	13.110	65	60067	4.483	ng	93
49) Acenaphthylene	13.745	152	354124	5.618	ng	98
50) Dimethylphthalate	13.504	163	282107	5.256	ng	99
51) 2,6-Dinitrotoluene	13.621	165	57405	4.575	ng	98
52) Acenaphthene	14.092	154	208903	5.224	ng	97
53) 3-Nitroaniline	13.957	138	55212	4.391	ng	# 98
54) 2,4-Dinitrophenol	14.174	184	22334	2.970	ng	93
55) Dibenzofuran	14.433	168	353451	5.596	ng	99
56) 4-Nitrophenol	14.292	139	45460	4.193	ng	97
57) 2,4-Dinitrotoluene	14.421	165	73544	4.391	ng	91
58) Fluorene	15.086	166	277257	5.320	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.674	232	64817	4.767	ng	97
60) Diethylphthalate	14.886	149	278838	5.087	ng	98
61) 4-Chlorophenyl-phenyle...	15.098	204	131611	5.305	ng	99
62) 4-Nitroaniline	15.127	138	54919m	4.434	ng	
63) Azobenzene	15.392	77	273460	5.262	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	33524	3.374	ng	90
66) n-Nitrosodiphenylamine	15.316	169	238880	5.168	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	75133	4.594	ng	96
68) Hexachlorobenzene	16.092	284	95924	4.898	ng	96
69) Atrazine	16.286	200	81724	5.875	ng	98
70) Pentachlorophenol	16.451	266	48512	3.534	ng	97
71) Phenanthrene	16.833	178	457769	5.375	ng	100
72) Anthracene	16.921	178	408093	4.925	ng	99
73) Carbazole	17.204	167	422957	4.999	ng	100
74) Di-n-butylphthalate	17.792	149	470147	4.775	ng	99
75) Fluoranthene	18.862	202	506636	4.891	ng	98
77) Benzidine	19.074	184	114356	4.183	ng	99
78) Pyrene	19.227	202	540763	4.697	ng	99
80) Butylbenzylphthalate	20.174	149	204849	4.360	ng	100
81) Benzo(a)anthracene	21.009	228	529363	4.946	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	174783	5.219	ng	99
83) Chrysene	21.062	228	501156	4.935	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	307705	4.618	ng	99
85) Di-n-octyl phthalate	22.003	149	479734	4.236	ng	# 96
87) Indeno(1,2,3-cd)pyrene	26.697	276	579817	4.913	ng	99
88) Benzo(b)fluoranthene	22.874	252	548963	5.063	ng	98
89) Benzo(k)fluoranthene	22.927	252	505246	4.934	ng	99
90) Benzo(a)pyrene	23.591	252	445339	4.742	ng	98
91) Dibenzo(a,h)anthracene	26.750	278	480134	5.028	ng	97
92) Benzo(g,h,i)perylene	27.626	276	478310	4.824	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

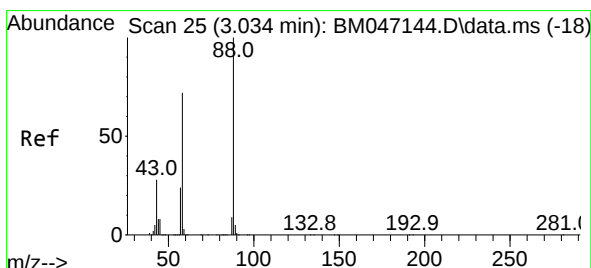
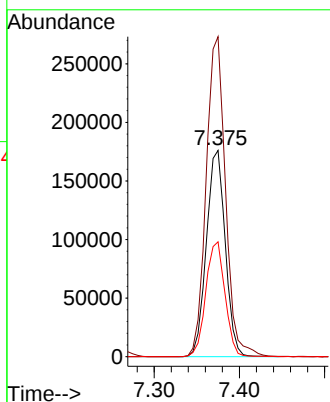
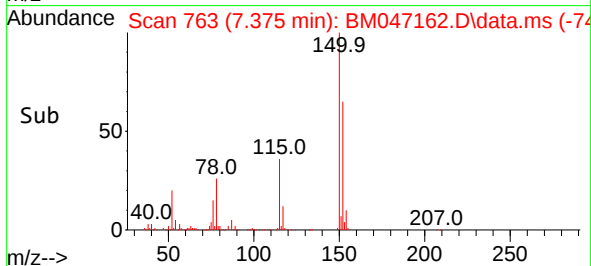
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:152 Resp: 270950
Ion Ratio Lower Upper
152 100
150 155.1 120.5 180.7
115 55.7 45.5 68.3

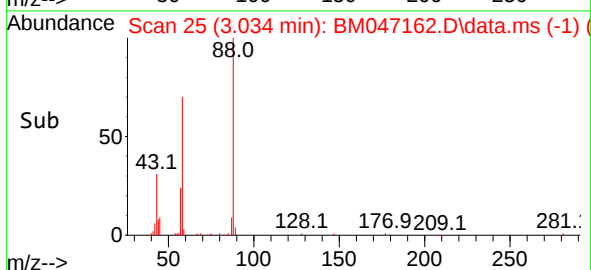
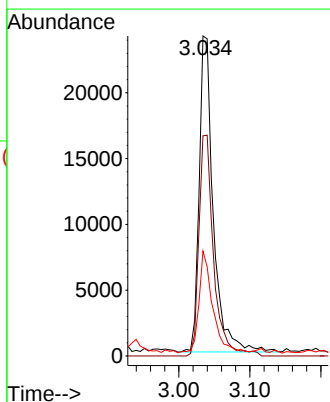
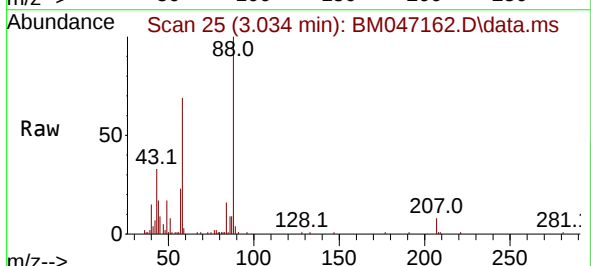
Manual Integrations
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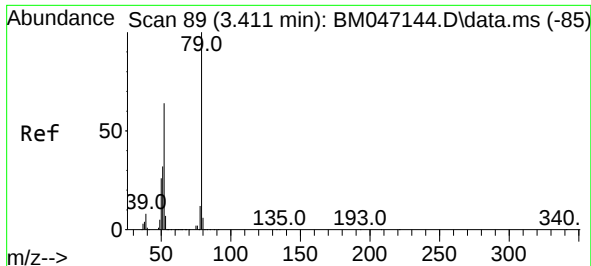
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 5.325 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

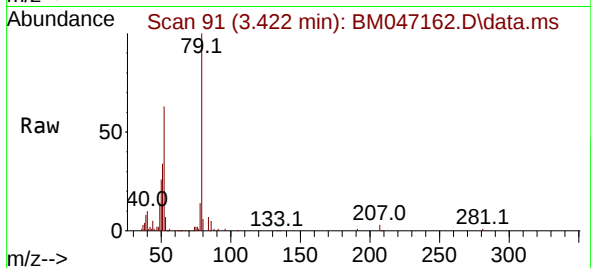
Tgt Ion: 88 Resp: 33457
Ion Ratio Lower Upper
88 100
58 72.4 58.2 87.4
43 29.6 22.5 33.7





#3
Pyridine
Concen: 4.497 ng
RT: 3.422 min Scan# 91
Delta R.T. 0.012 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

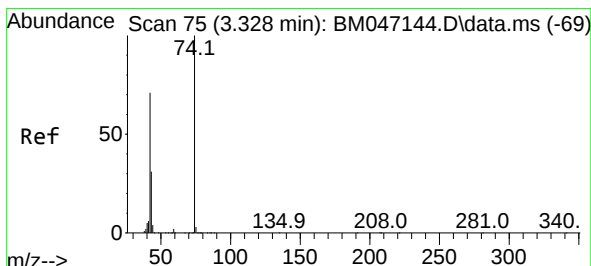
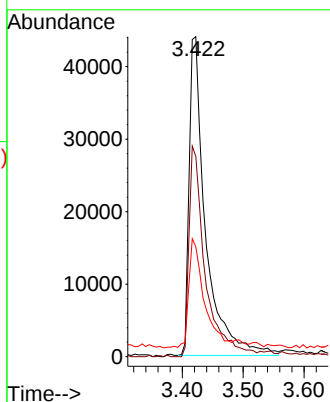
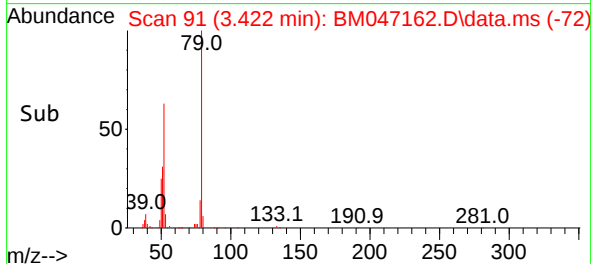
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



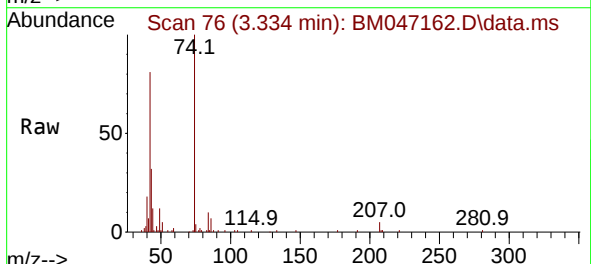
Tgt Ion: 79 Resp: 8285
Ion Ratio Lower Upper
79 100
52 62.6 51.2 76.8
51 34.4 26.1 39.1

Manual Integrations
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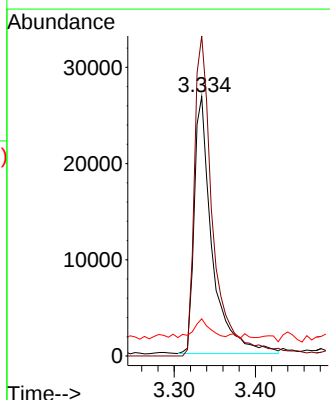
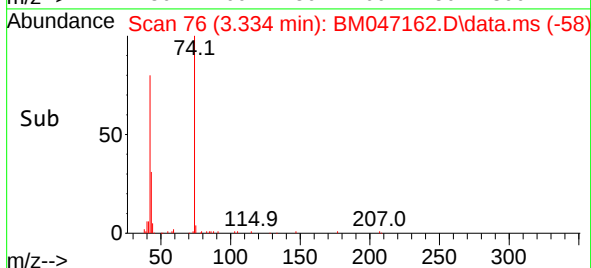
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Supervised By :mohammad ahmed 08/14/2024

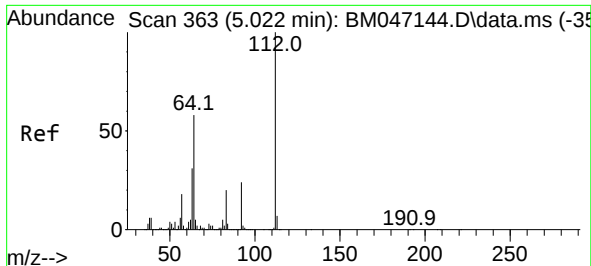


#4
n-Nitrosodimethylamine
Concen: 5.107 ng
RT: 3.334 min Scan# 76
Delta R.T. 0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



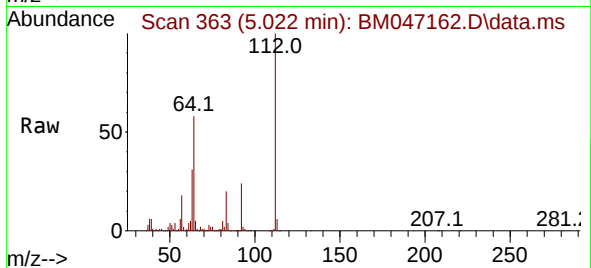
Tgt Ion: 42 Resp: 41110
Ion Ratio Lower Upper
42 100
74 123.4 112.9 169.3
44 14.3 5.3 7.9





#5
2-Fluorophenol
Concen: 93.767 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

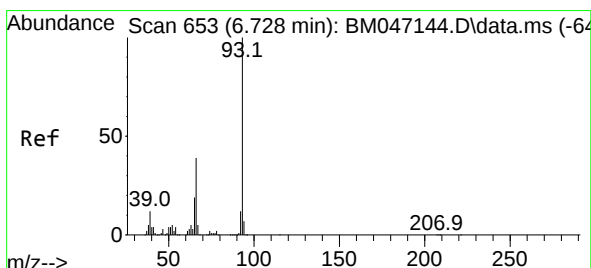
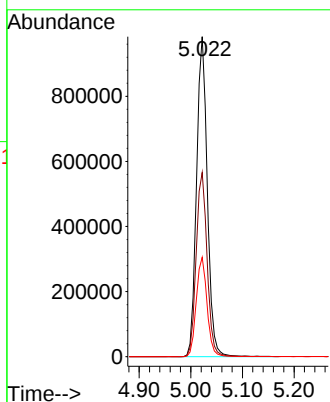
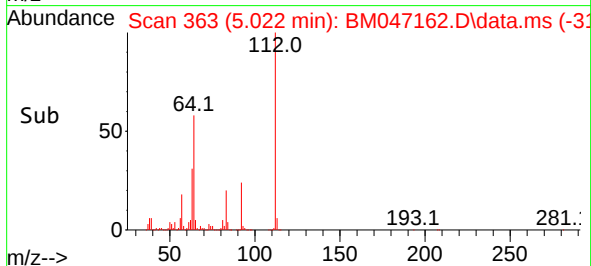
Instrument :
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LOQ-WATER-02-QT3-2024



Tgt Ion: 112 Resp: 142184
Ion Ratio Lower Upper
112 100
64 57.6 46.7 70.1
63 31.0 24.8 37.2

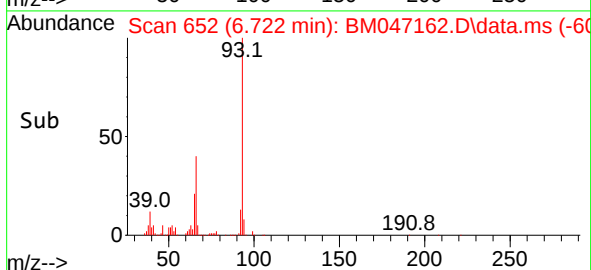
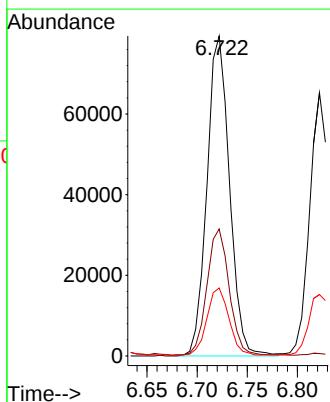
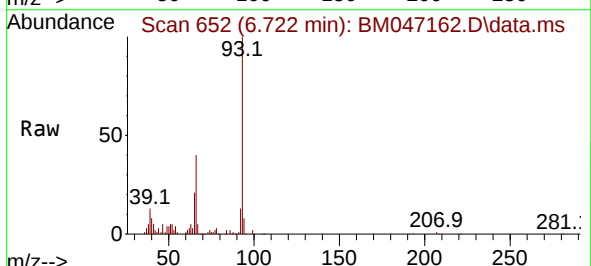
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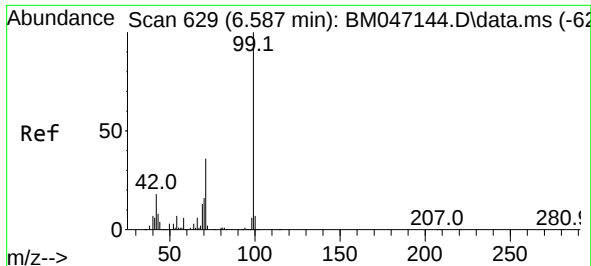
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 6.288 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

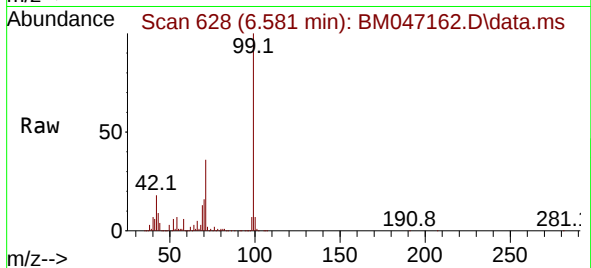
Tgt Ion: 93 Resp: 124189
Ion Ratio Lower Upper
93 100
66 39.7 31.4 47.2
65 21.3 15.6 23.4





#7
Phenol-d6
Concen: 92.429 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

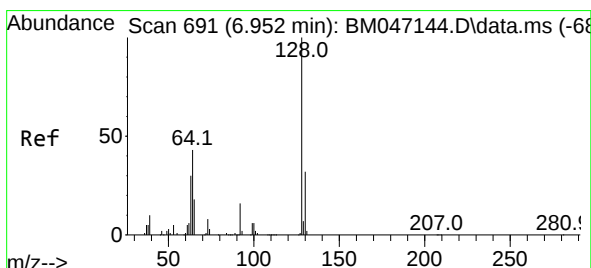
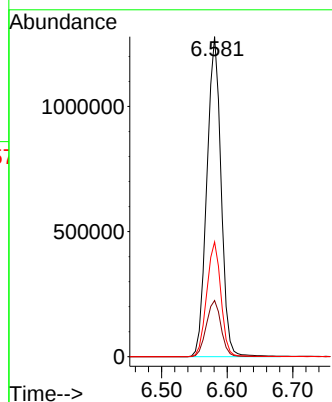
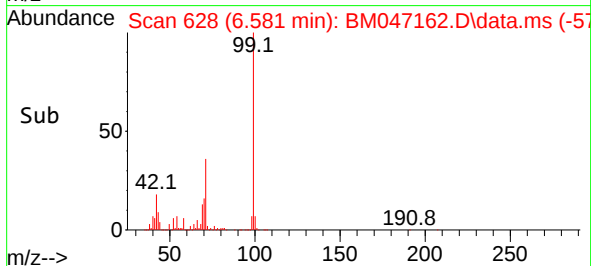
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 99 Resp: 1931230
Ion Ratio Lower Upper
99 100
42 17.5 14.1 21.1
71 35.9 28.5 42.7

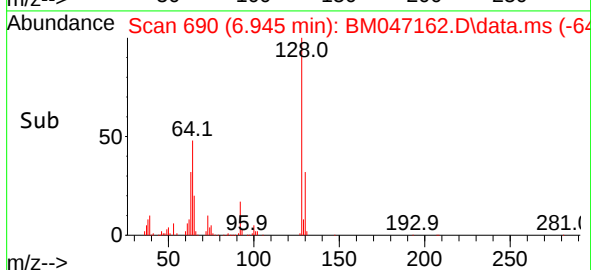
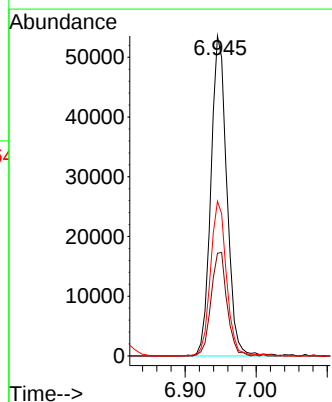
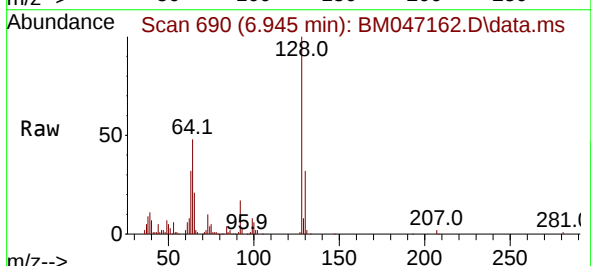
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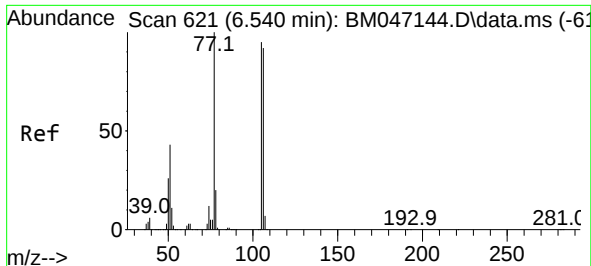
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 5.041 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Tgt Ion:128 Resp: 83371
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 48.3 26.6 66.6





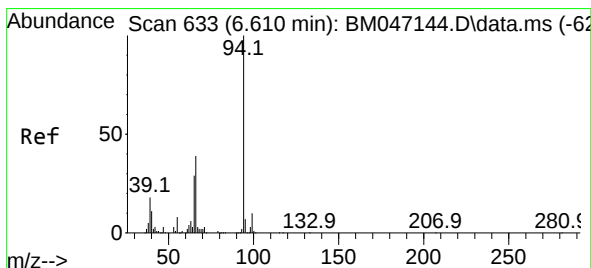
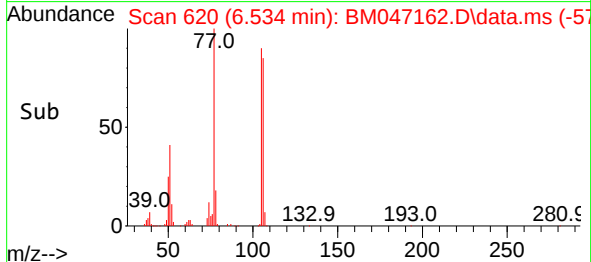
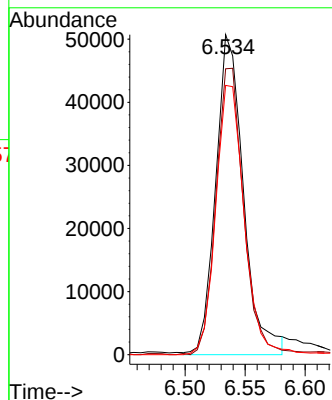
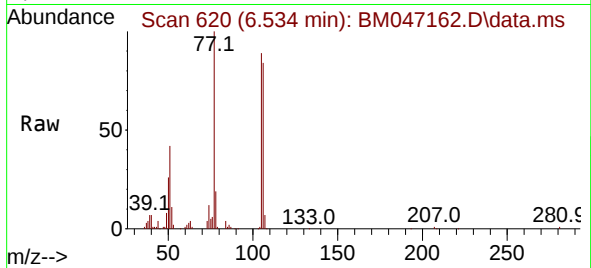
#9
Benzaldehyde
Concen: 5.113 ng m
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 77 Resp: 81744
Ion Ratio Lower Upper
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105 89.4 74.5 114.5
106 84.1 72.3 112.3

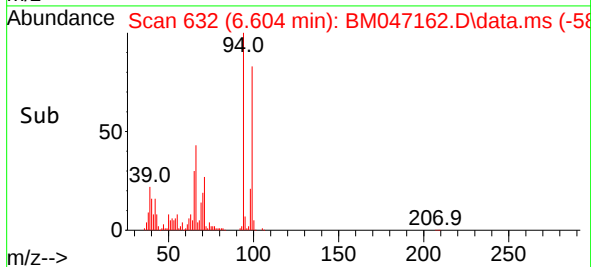
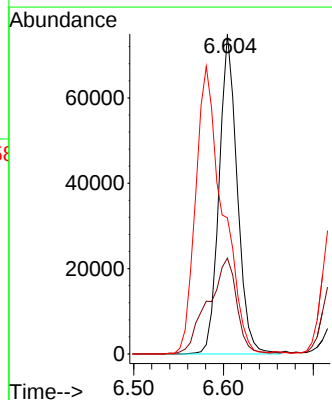
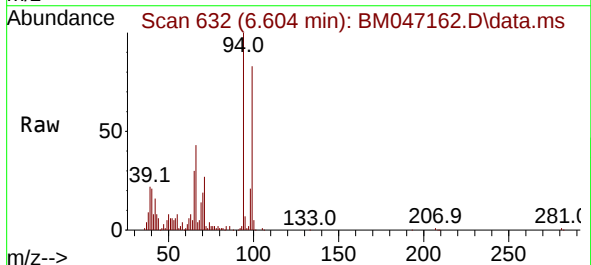
Manual Integrations
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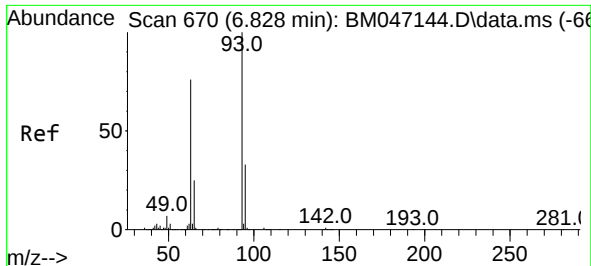
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 5.043 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

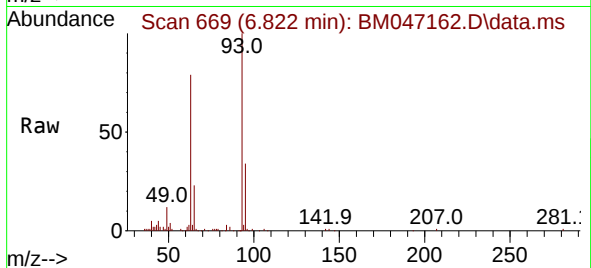
Tgt Ion: 94 Resp: 105146
Ion Ratio Lower Upper
94 100
65 29.9 9.0 49.0
66 42.6 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 5.255 ng
RT: 6.822 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

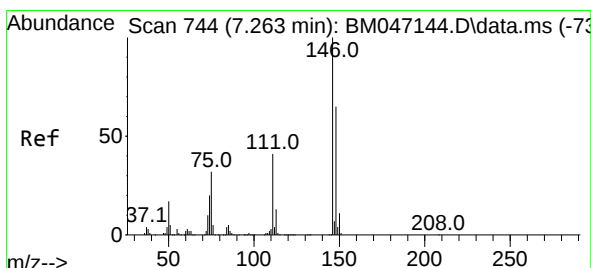
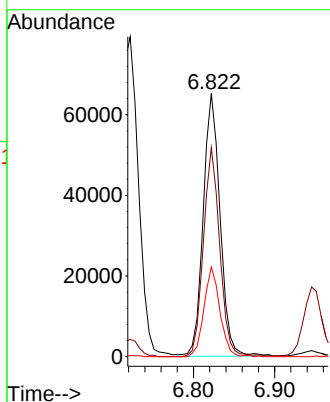
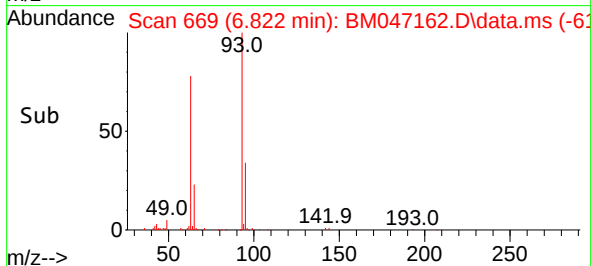
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 93 Resp: 93824
Ion Ratio Lower Upper
93 100
63 79.4 55.8 95.8
95 34.1 12.7 52.7

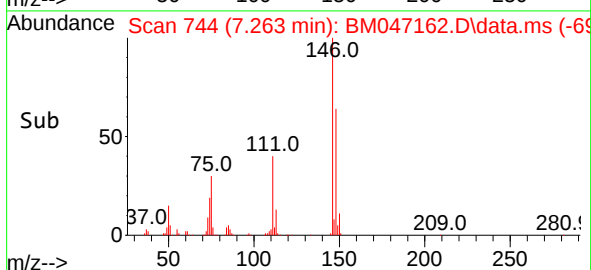
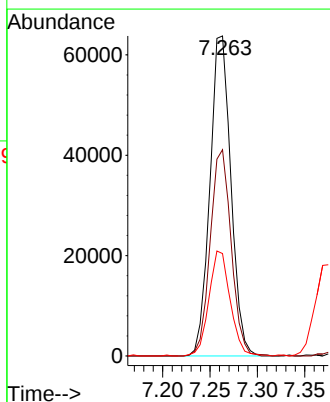
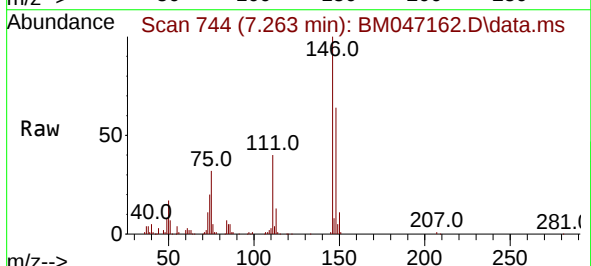
Manual Integrations
APPROVED

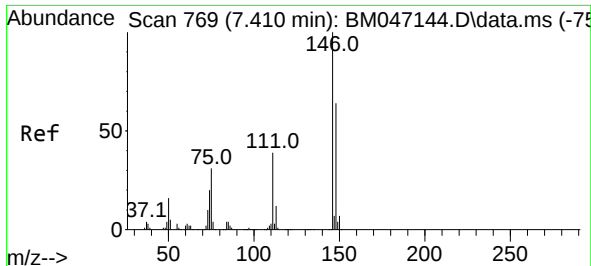
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 5.004 ng
RT: 7.263 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Tgt Ion:146 Resp: 98352
Ion Ratio Lower Upper
146 100
148 64.4 52.3 78.5
75 32.0 25.8 38.6





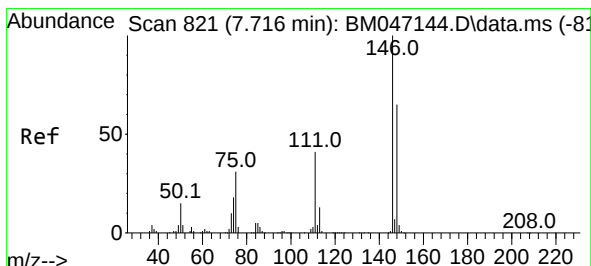
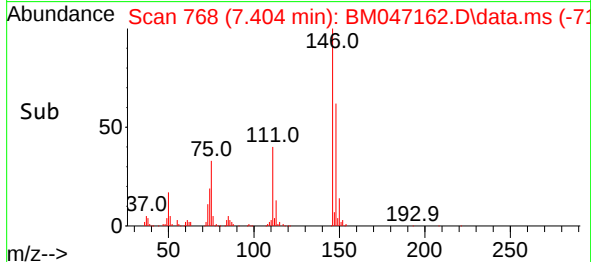
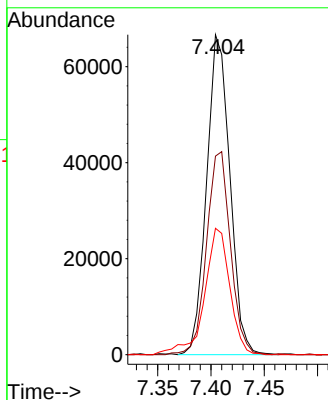
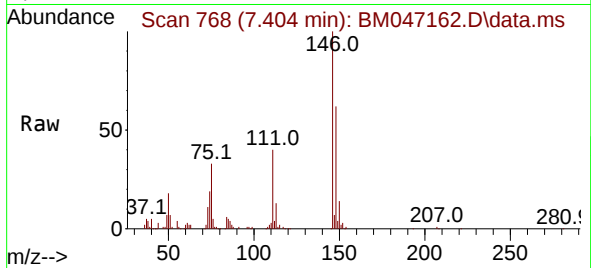
#13
1,4-Dichlorobenzene
Concen: 5.098 ng
RT: 7.404 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:146 Resp: 101440
Ion Ratio Lower Upper
146 100
148 62.0 51.4 77.2
111 39.5 31.5 47.3

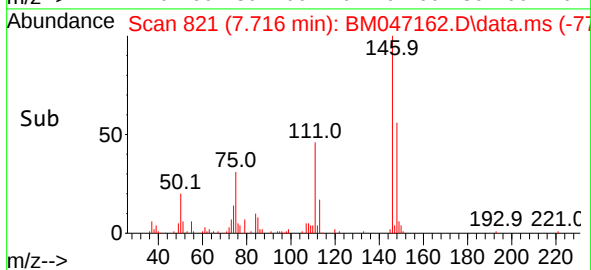
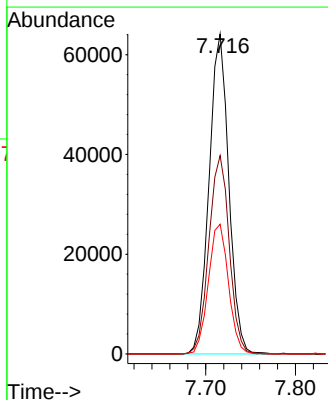
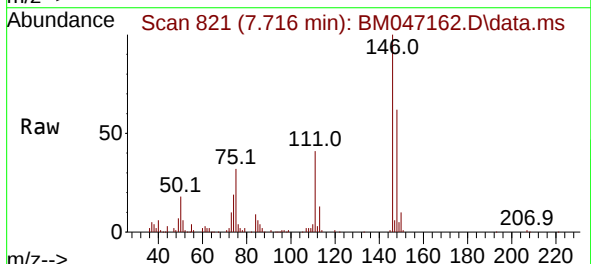
Manual Integrations
APPROVED

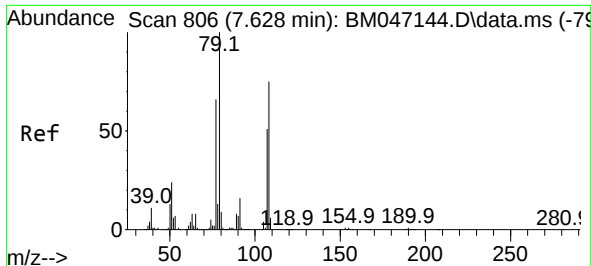
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 5.220 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

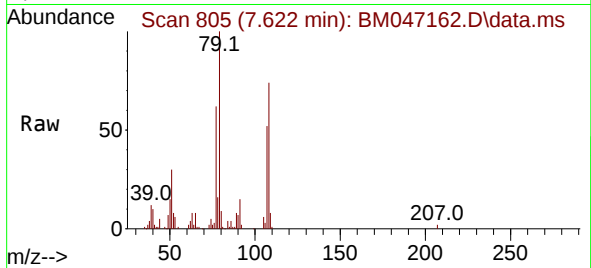
Tgt Ion:146 Resp: 98011
Ion Ratio Lower Upper
146 100
148 62.0 51.8 77.8
111 40.5 33.3 49.9





#15
Benzyl Alcohol
Concen: 5.283 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

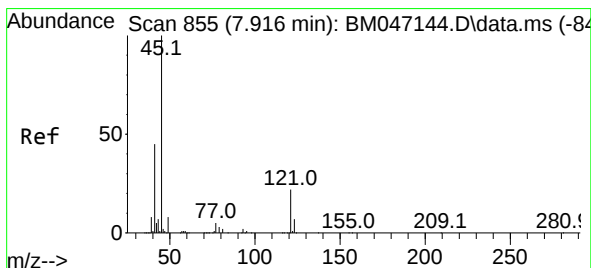
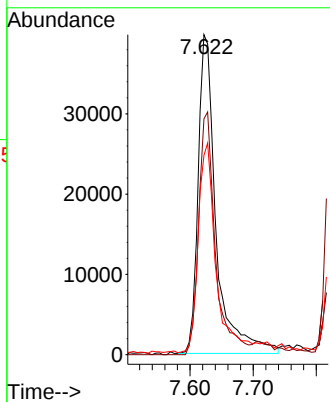
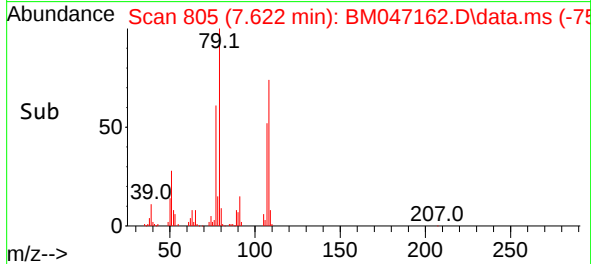
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



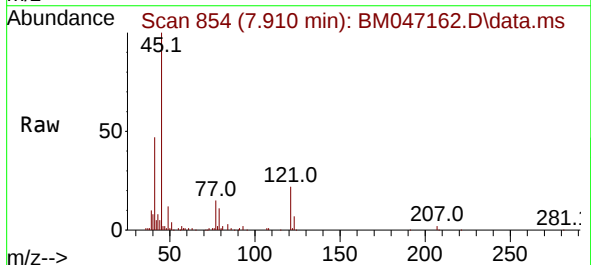
Tgt Ion: 79 Resp: 7856
Ion Ratio Lower Upper
79 100
108 73.7 59.7 89.5
77 62.3 52.9 79.3

Manual Integrations
APPROVED

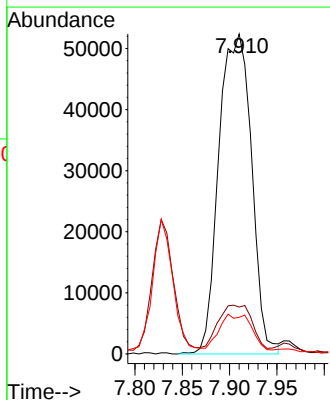
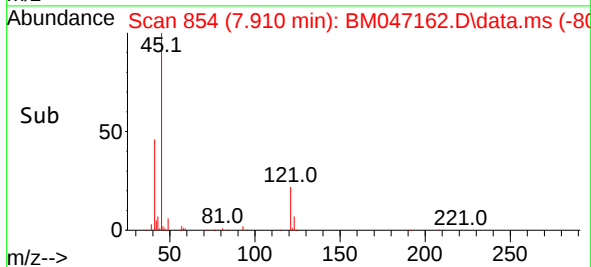
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

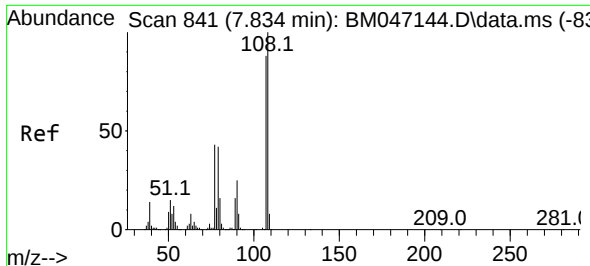


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.487 ng
RT: 7.910 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



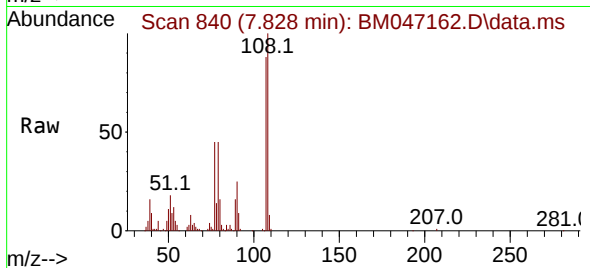
Tgt Ion: 45 Resp: 125713
Ion Ratio Lower Upper
45 100
77 14.6 0.0 35.6
79 11.4 0.0 32.4





#17
2-Methylphenol
Concen: 4.900 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

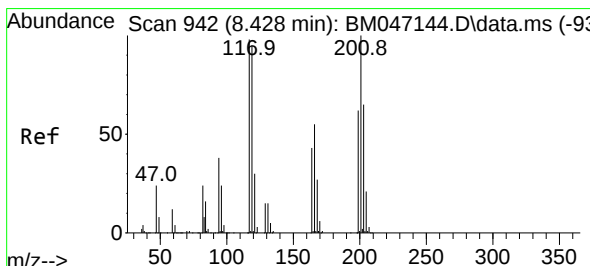
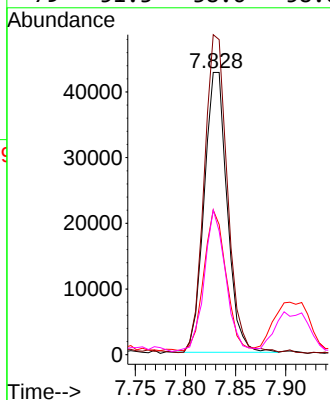
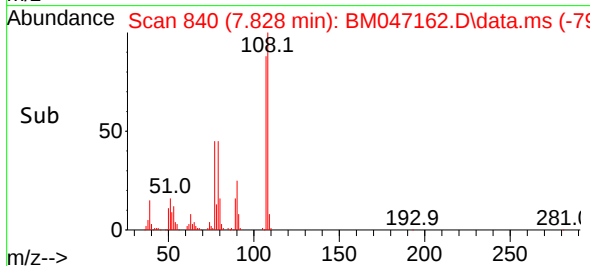
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:107 Resp: 6815
Ion Ratio Lower Upper
107 100
108 113.4 90.6 135.8
77 51.3 39.3 58.9
79 51.3 38.6 58.0

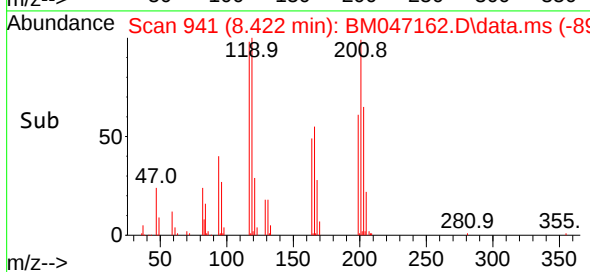
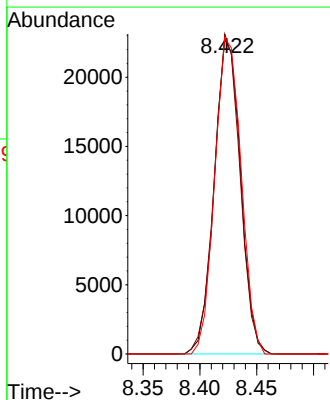
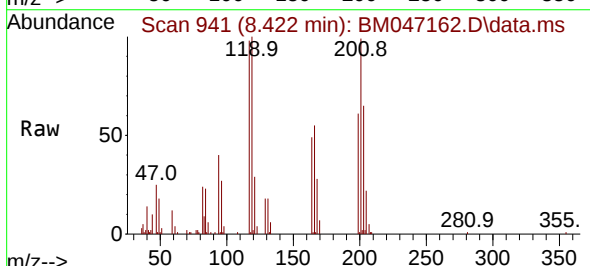
Manual Integrations
APPROVED

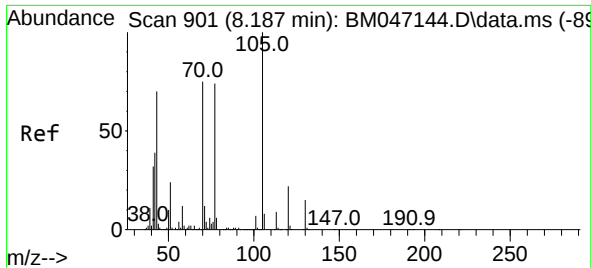
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 4.766 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

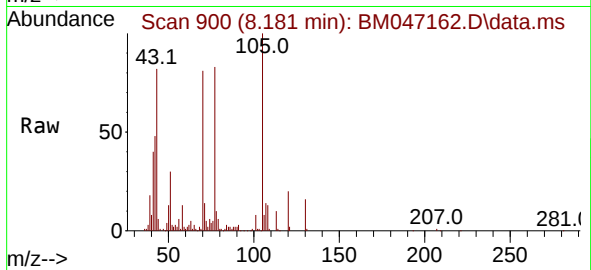
Tgt Ion:117 Resp: 36735
Ion Ratio Lower Upper
117 100
119 101.7 77.0 115.4
201 100.5 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 5.436 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

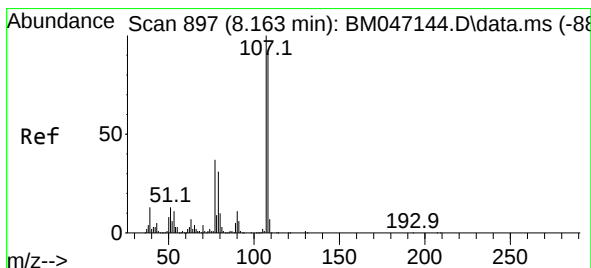
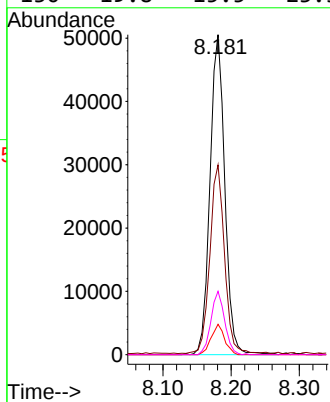
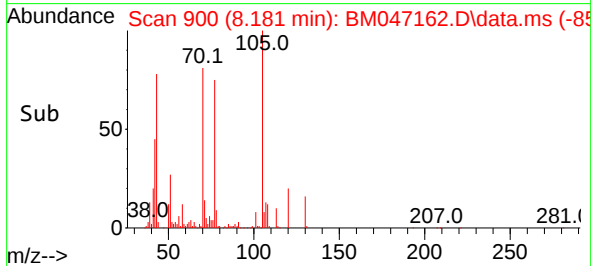
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 70 Resp: 7650
Ion Ratio Lower Upper
70 100
42 59.3 42.0 63.0
101 9.5 7.2 10.8
130 19.8 15.5 23.3

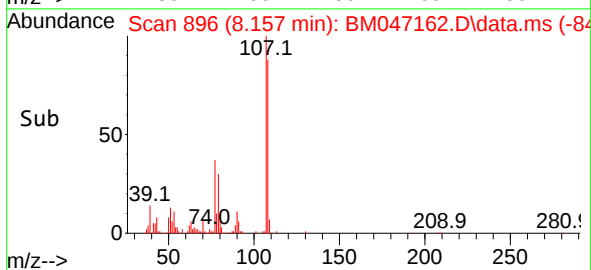
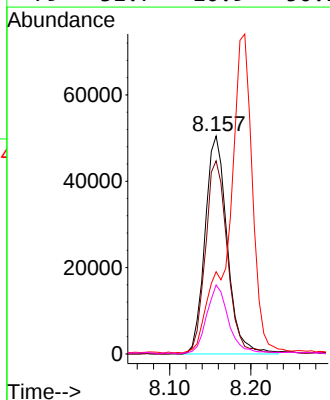
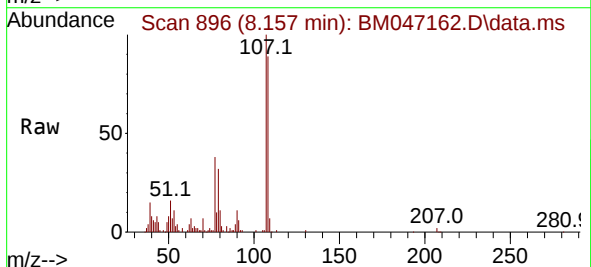
Manual Integrations
APPROVED

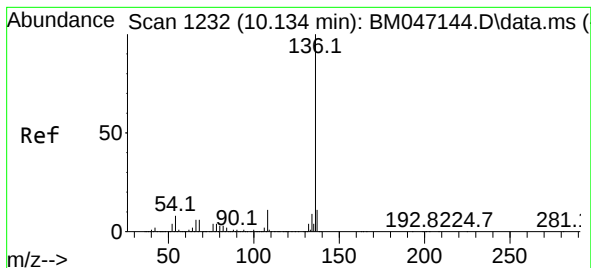
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#20
3+4-Methylphenols
Concen: 4.929 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

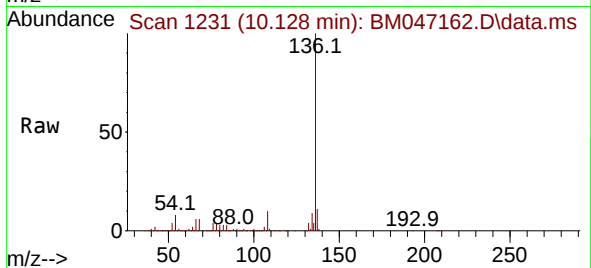
Tgt Ion:107 Resp: 95840
Ion Ratio Lower Upper
107 100
108 88.6 70.7 110.7
77 37.7 17.4 57.4
79 31.7 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

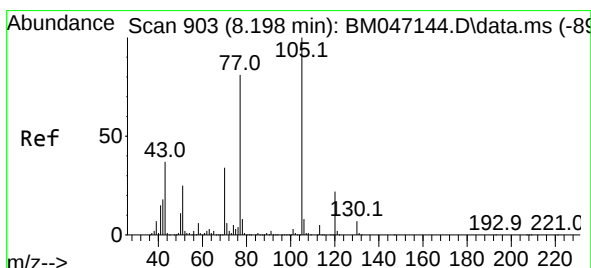
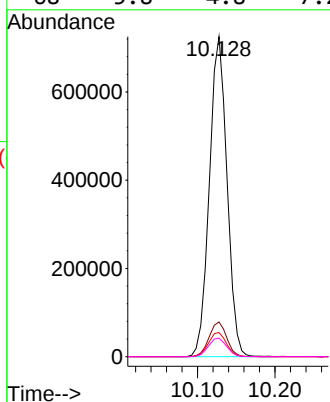
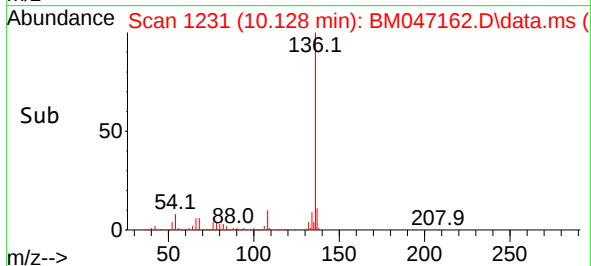
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:136 Resp: 1146948
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 6.0 9.0
68 5.8 4.8 7.2

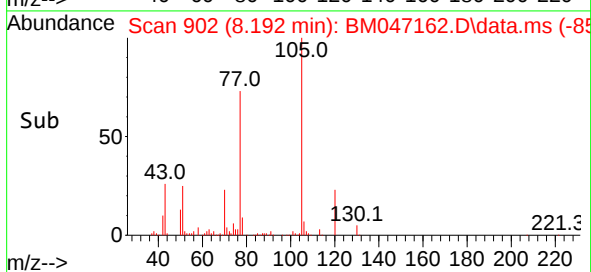
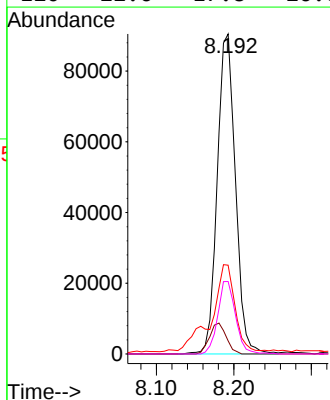
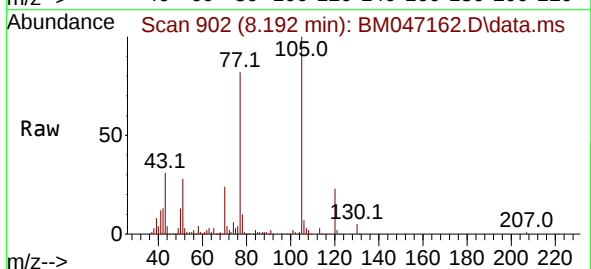
Manual Integrations
APPROVED

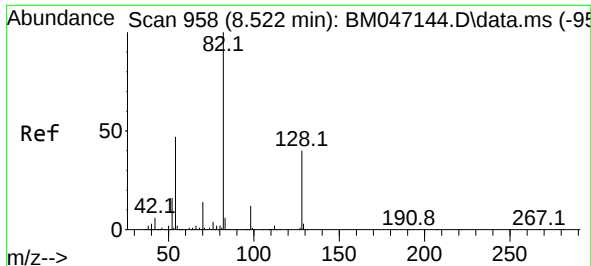
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 5.326 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

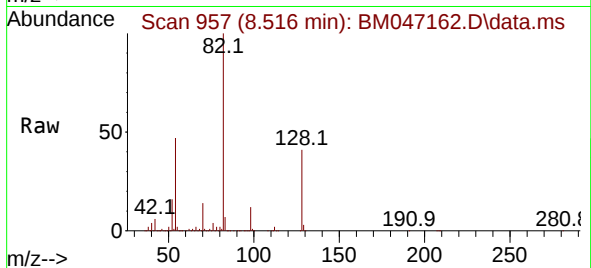
Tgt Ion:105 Resp: 147452
Ion Ratio Lower Upper
105 100
71 4.1 4.5 6.7#
51 27.7 20.1 30.1
120 22.6 17.8 26.6





#23
Nitrobenzene-d5
Concen: 77.629 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

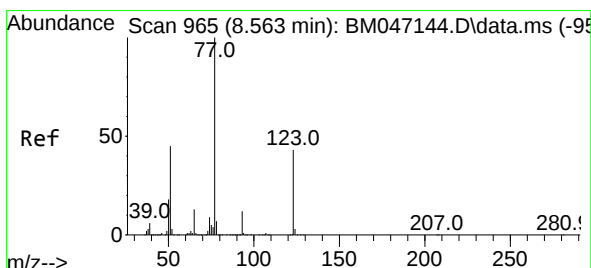
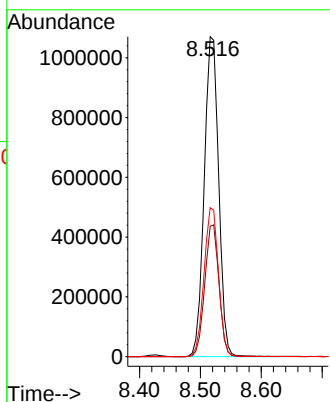
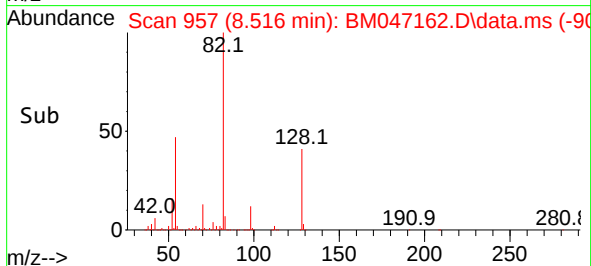
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



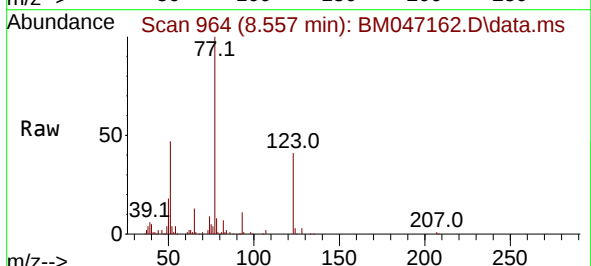
Tgt Ion: 82 Resp: 176824
Ion Ratio Lower Upper
82 100
128 40.7 32.3 48.5
54 46.6 37.4 56.2

Manual Integrations
APPROVED

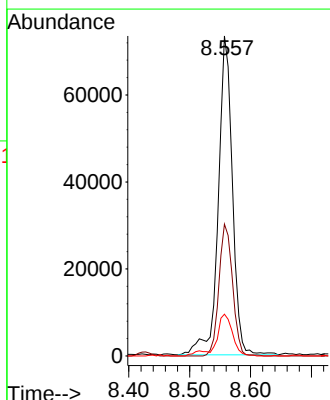
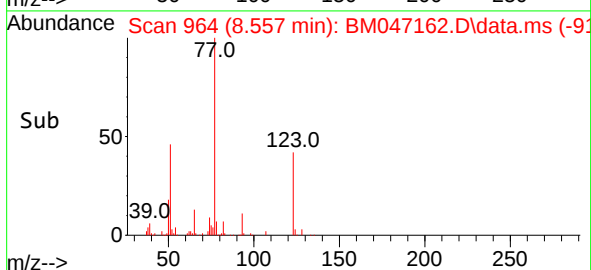
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

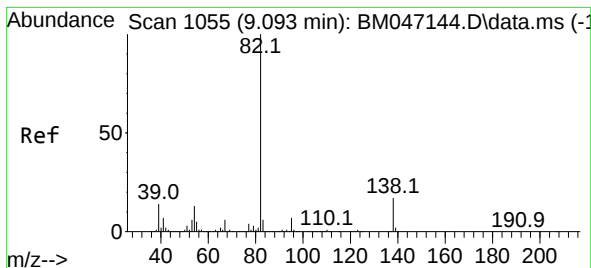


#24
Nitrobenzene
Concen: 5.166 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



Tgt Ion: 77 Resp: 118479
Ion Ratio Lower Upper
77 100
123 41.2 34.0 51.0
65 13.1 10.5 15.7





#25

Isophorone

Concen: 5.091 ng

RT: 9.086 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BM047162.D

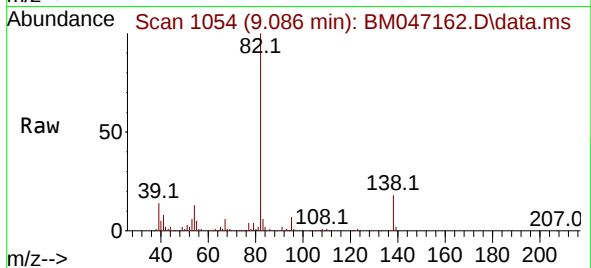
Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



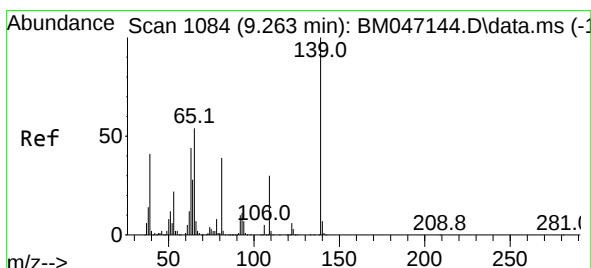
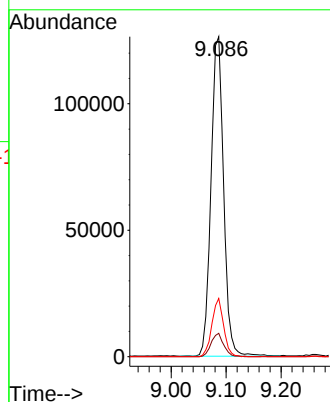
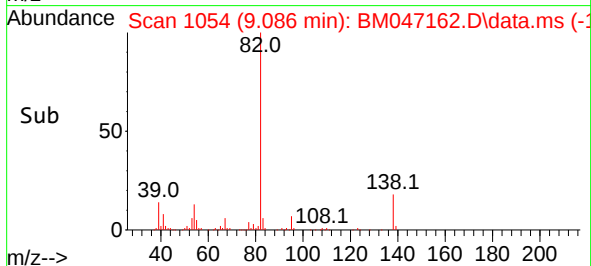
Tgt Ion:	82	Resp:	20191
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.5	8.3
138	18.2	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#26

2-Nitrophenol

Concen: 4.163 ng

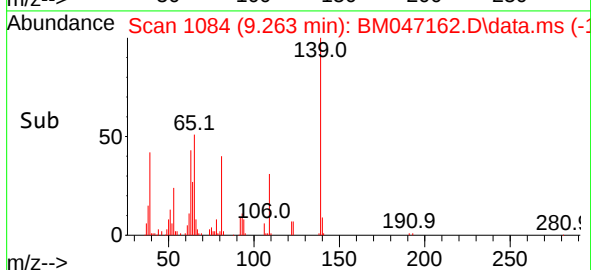
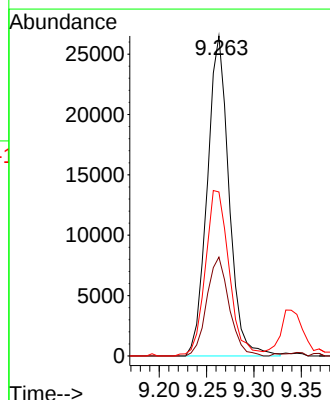
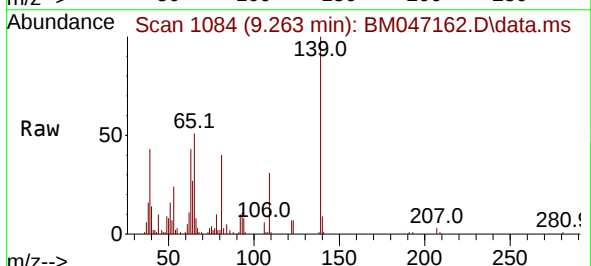
RT: 9.263 min Scan# 1084

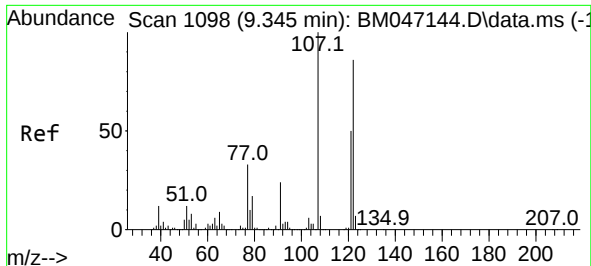
Delta R.T. -0.000 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:	139	Resp:	42290
Ion Ratio	Lower	Upper	
139	100		
109	30.9	24.4	36.6
65	51.3	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 4.229 ng

RT: 9.339 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

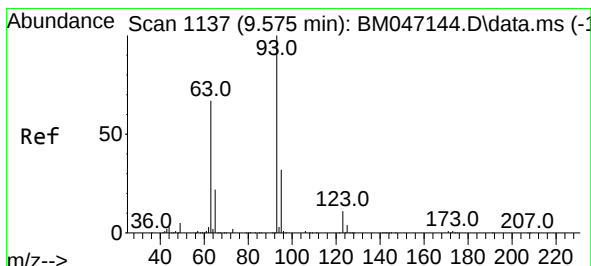
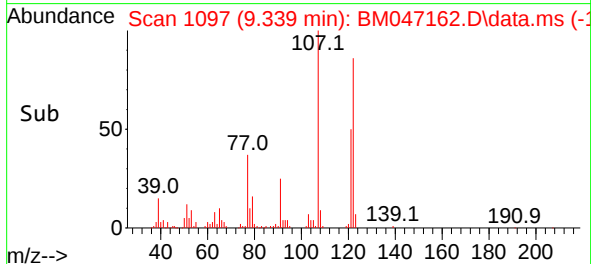
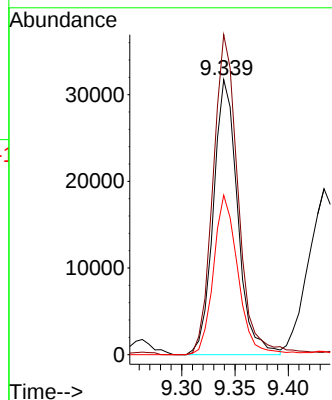
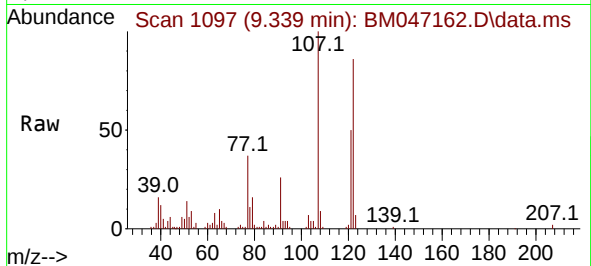
Tgt Ion:	122	Resp:	50314
Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.8	139.2
121	58.0	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 5.098 ng

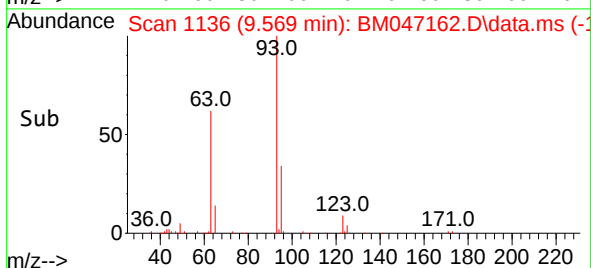
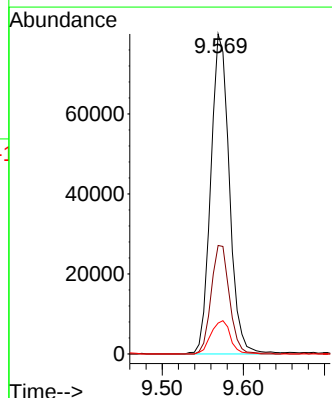
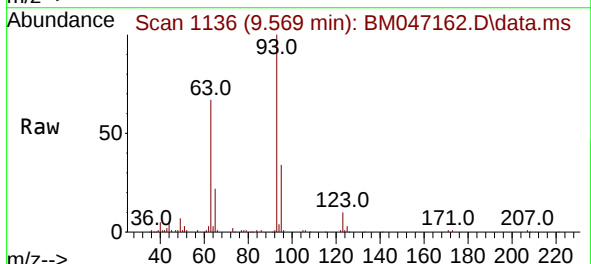
RT: 9.569 min Scan# 1136

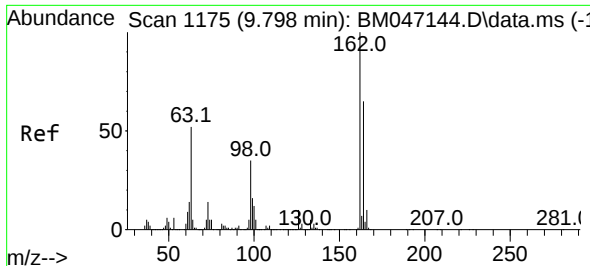
Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:	93	Resp:	127223
Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.8	38.8
123	9.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 4.652 ng

RT: 9.792 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BM047162.D

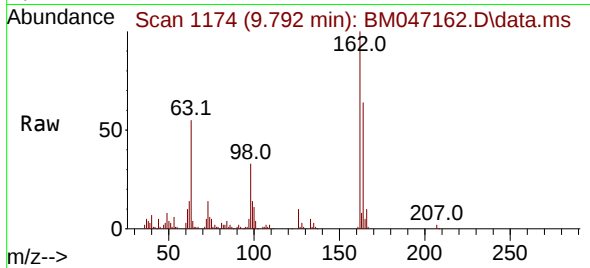
Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



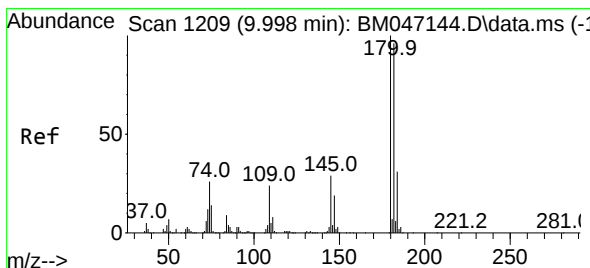
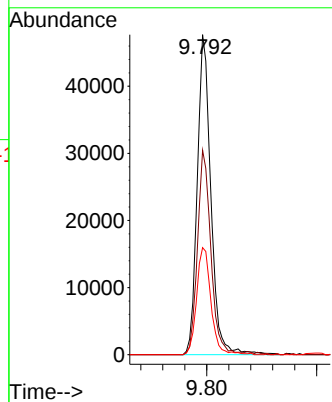
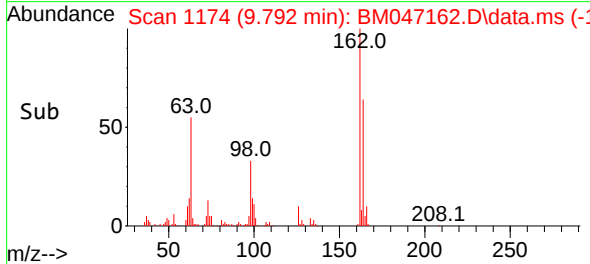
Tgt Ion:	162	Resp:	82120
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.7	84.7
98	33.4	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.766 ng

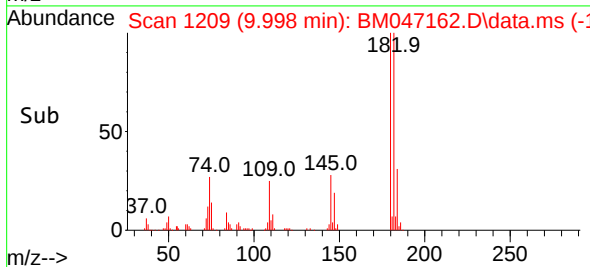
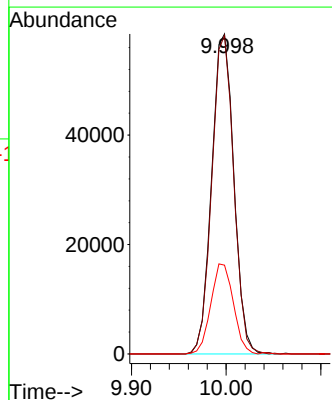
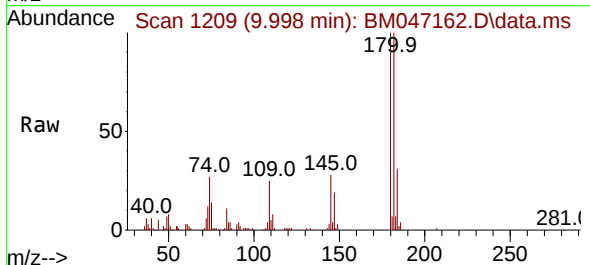
RT: 9.998 min Scan# 1209

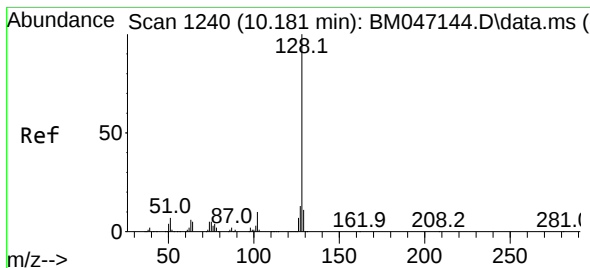
Delta R.T. -0.000 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

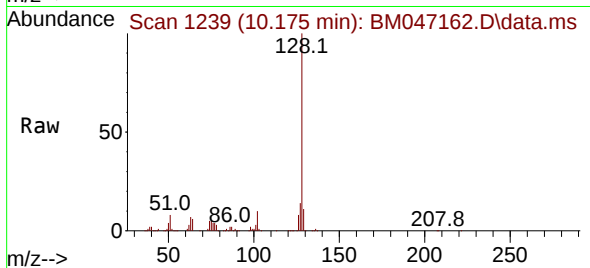
Tgt Ion:	180	Resp:	95224
Ion Ratio	Lower	Upper	
180	100		
182	99.6	76.6	115.0
145	27.7	23.4	35.2





#31
Naphthalene
Concen: 5.046 ng
RT: 10.175 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

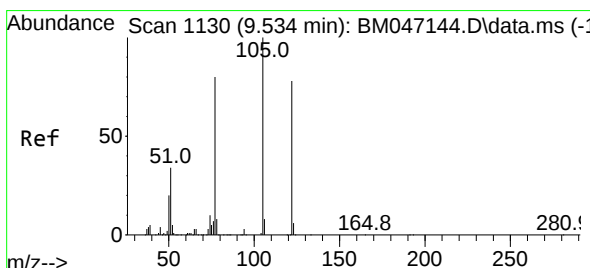
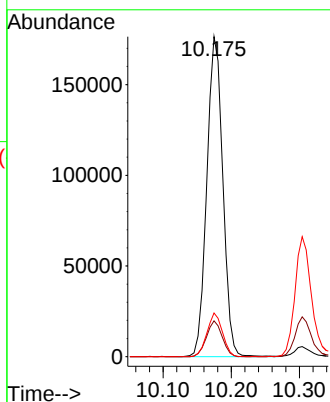
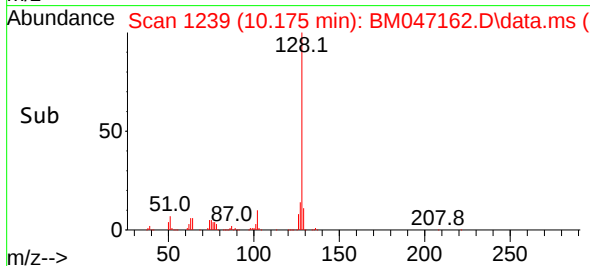
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



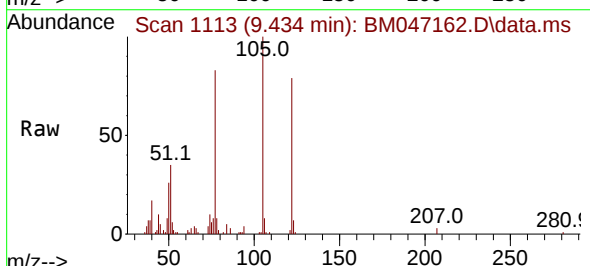
Tgt Ion:128 Resp: 288320
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.7 10.2 15.4

Manual Integrations
APPROVED

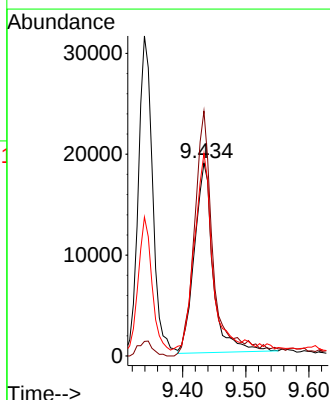
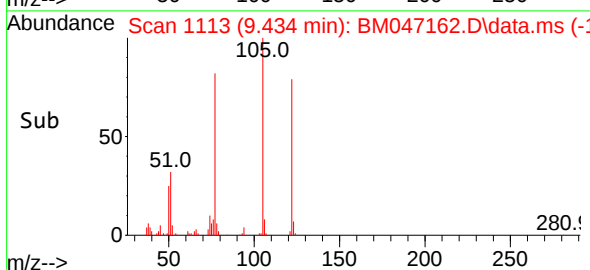
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

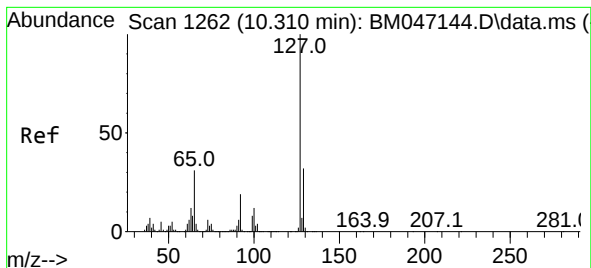


#32
Benzoic acid
Concen: 2.785 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.100 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



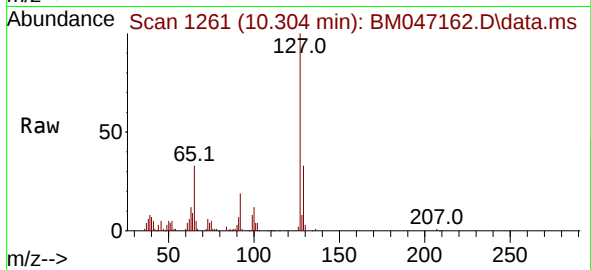
Tgt Ion:122 Resp: 38498
Ion Ratio Lower Upper
122 100
105 126.9 107.1 147.1
77 104.9 82.1 122.1





#33
4-Chloroaniline
Concen: 5.212 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

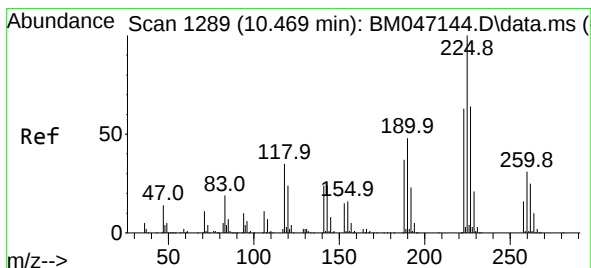
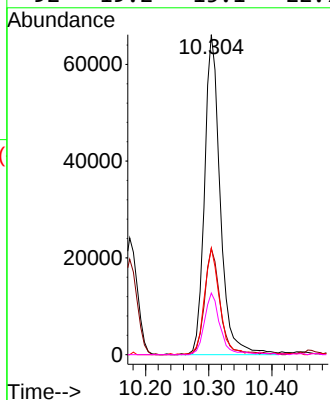
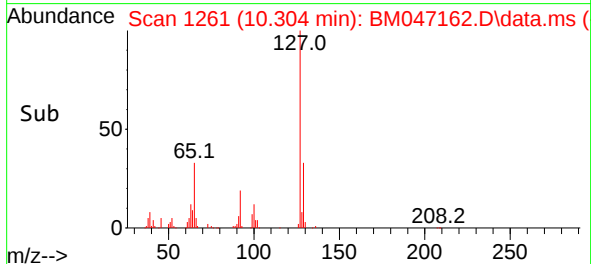
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:127 Resp: 114519
Ion Ratio Lower Upper
127 100
129 33.2 25.8 38.8
65 33.3 24.9 37.3
92 19.2 15.1 22.7

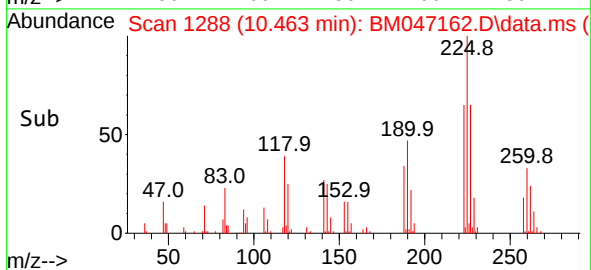
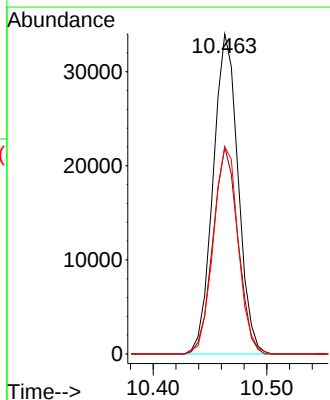
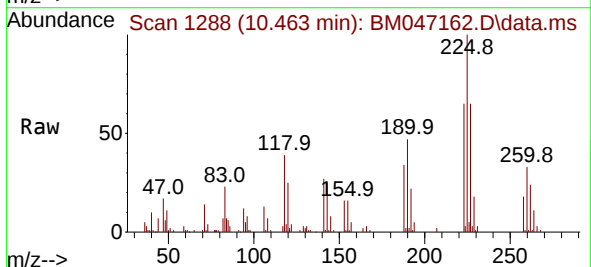
Manual Integrations
APPROVED

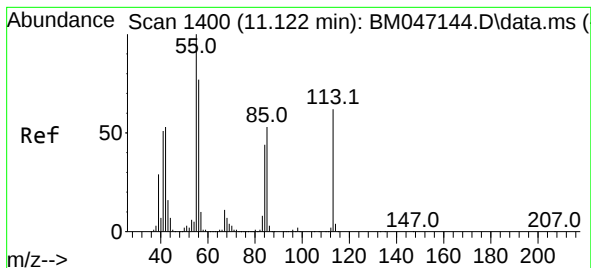
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 4.440 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Tgt Ion:225 Resp: 51917
Ion Ratio Lower Upper
225 100
223 67.2 50.2 75.2
227 64.7 51.4 77.0





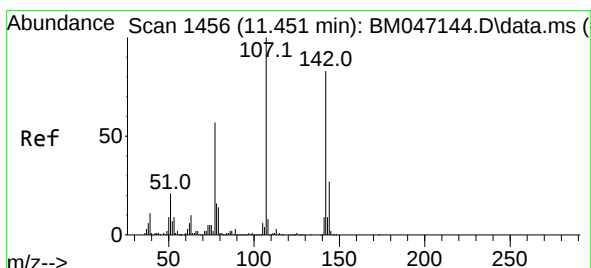
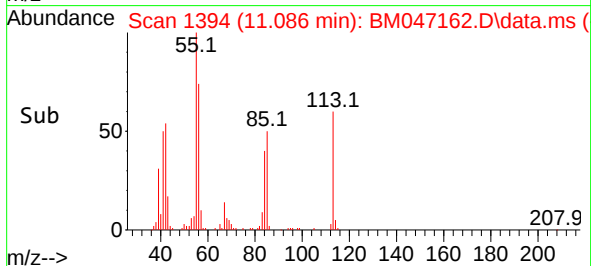
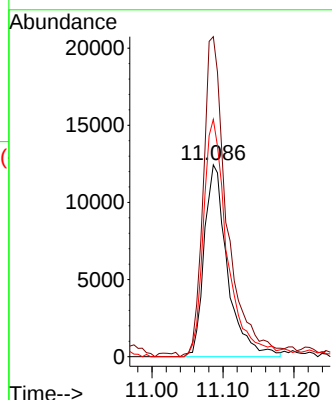
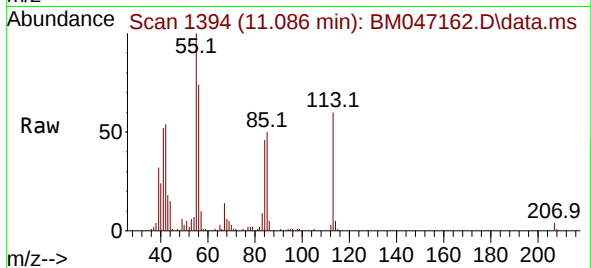
#35
Caprolactam
Concen: 4.626 ng
RT: 11.086 min Scan# 113
Delta R.T. -0.035 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:113 Resp: 2836
Ion Ratio Lower Upper
113 100
55 166.8 140.5 180.5
56 123.7 103.6 143.6

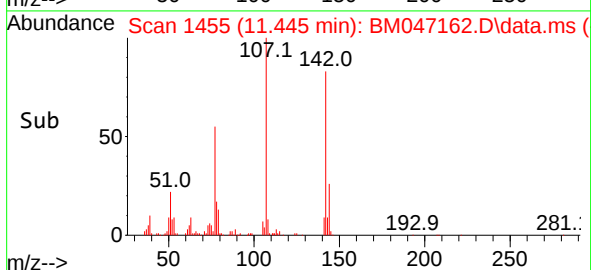
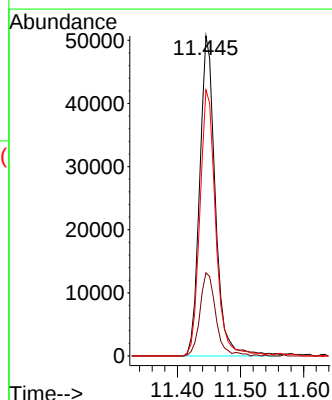
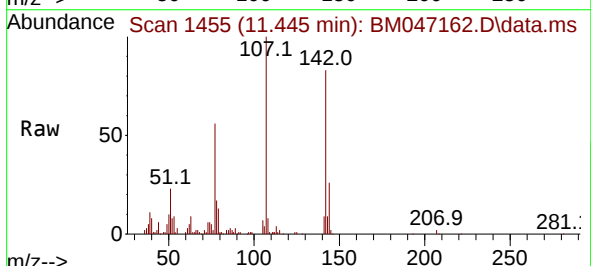
Manual Integrations
APPROVED

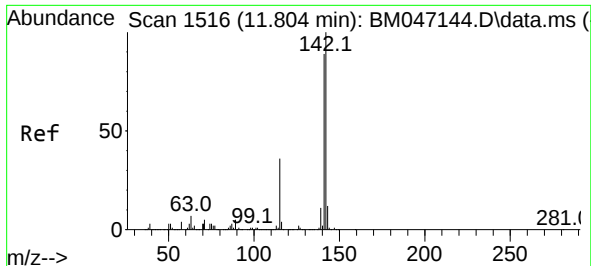
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 4.648 ng
RT: 11.445 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

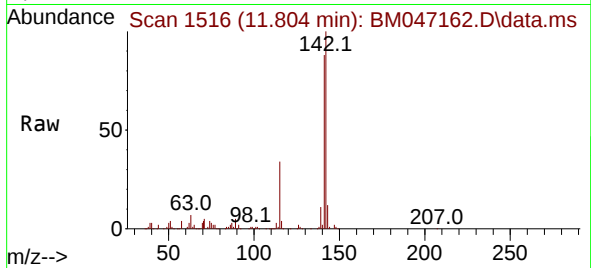
Tgt Ion:107 Resp: 87400
Ion Ratio Lower Upper
107 100
144 26.0 21.8 32.6
142 83.2 66.8 100.2





#37
2-Methylnaphthalene
Concen: 4.983 ng
RT: 11.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

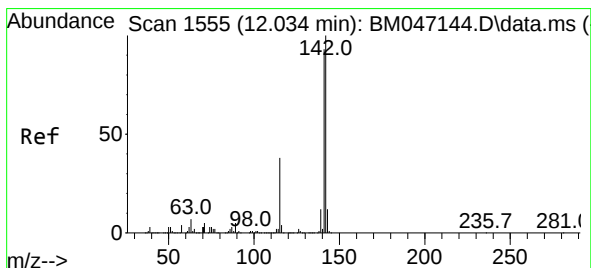
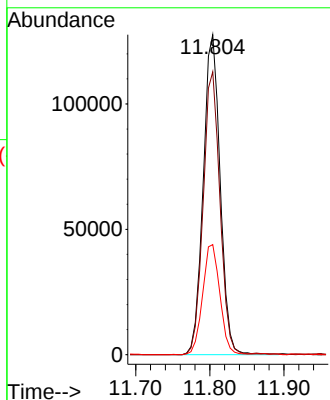
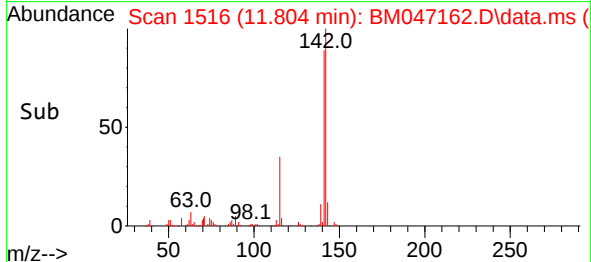
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



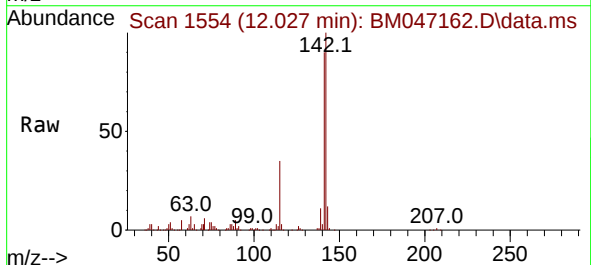
Tgt Ion:142 Resp: 202735
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 34.4 28.7 43.1

Manual Integrations
APPROVED

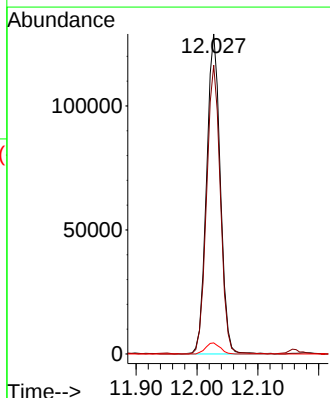
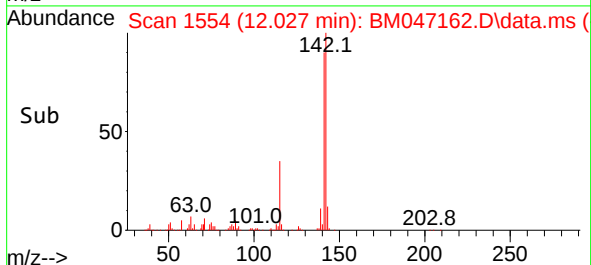
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

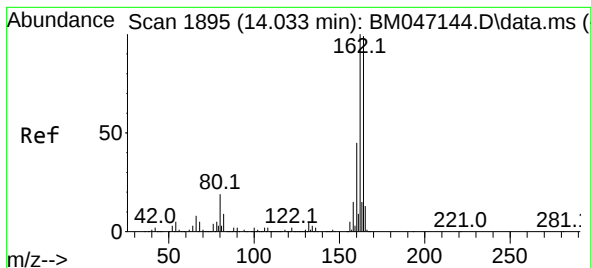


#38
1-Methylnaphthalene
Concen: 5.026 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



Tgt Ion:142 Resp: 202055
Ion Ratio Lower Upper
142 100
141 90.3 74.6 111.8
116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.027 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047162.D

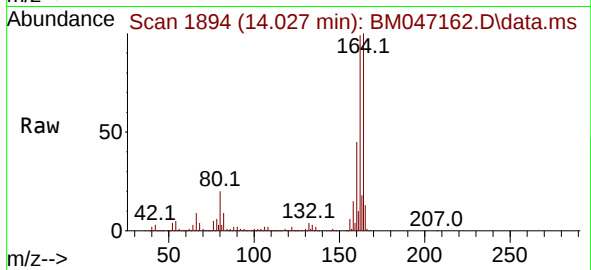
Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:164 Resp: 76856

Ion Ratio Lower Upper

164 100

162 99.1 80.7 121.1

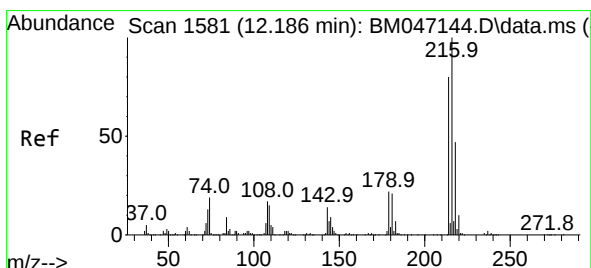
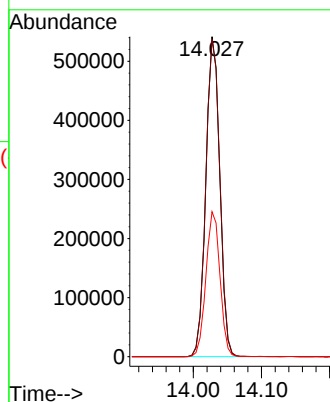
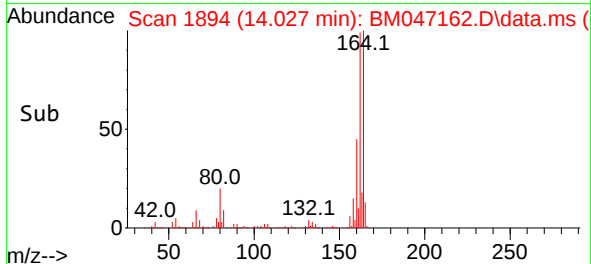
160 45.3 36.0 54.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.011 ng

RT: 12.186 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:216 Resp: 105047

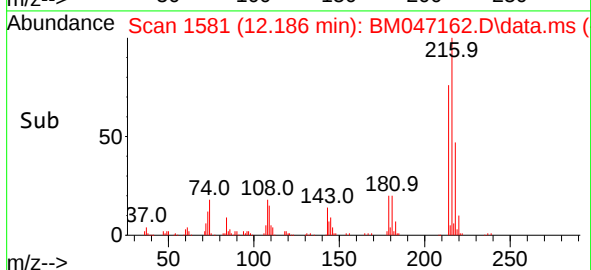
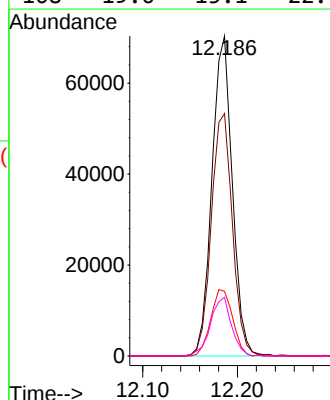
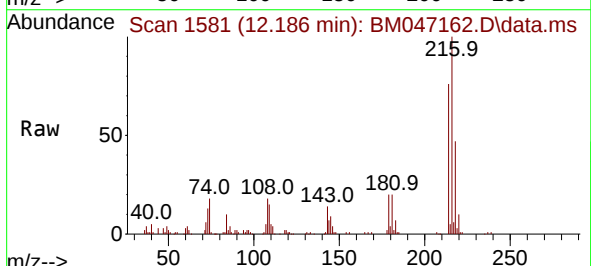
Ion Ratio Lower Upper

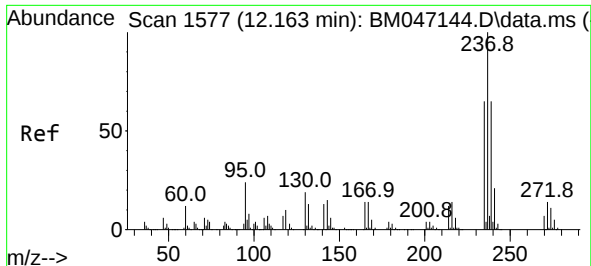
216 100

214 78.6 63.4 95.2

179 22.3 17.6 26.4

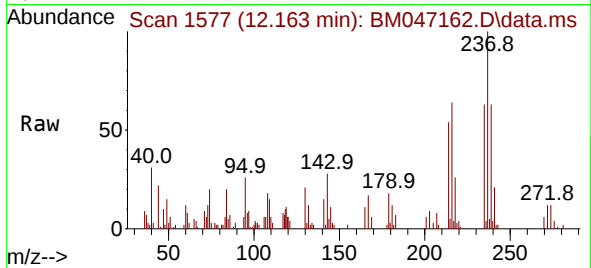
108 19.0 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 2.348 ng
RT: 12.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

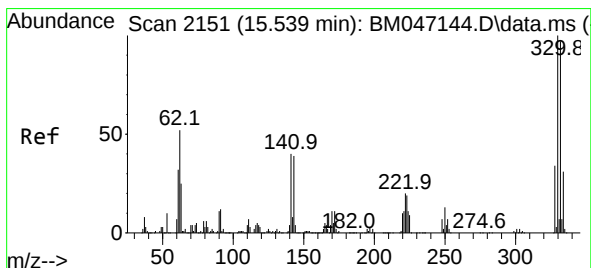
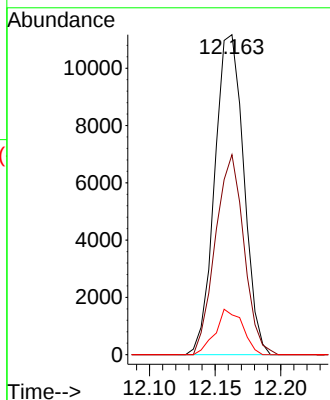
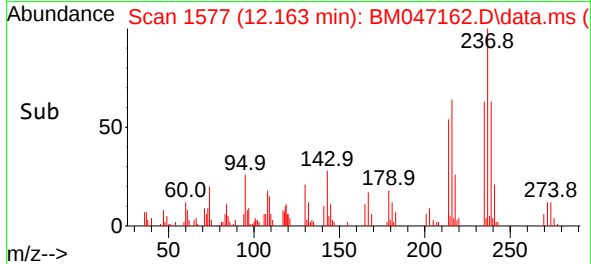
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



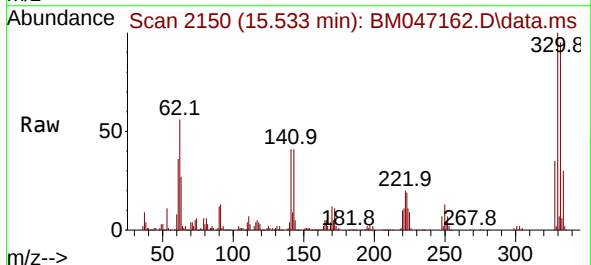
Tgt Ion: 237 Resp: 17189
Ion Ratio Lower Upper
237 100
235 62.5 44.8 84.8
272 12.4 0.0 33.5

Manual Integrations
APPROVED

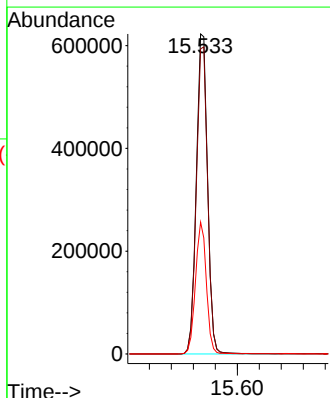
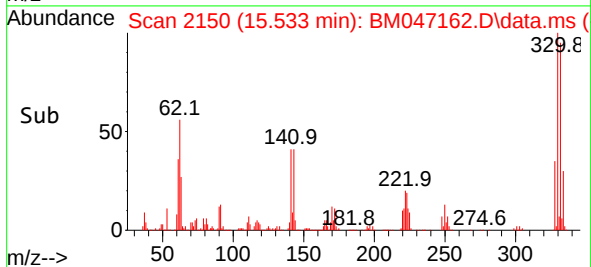
Reviewed By : Yogesh Patel 08/13/2024
Supervised By : mohammad ahmed 08/14/2024

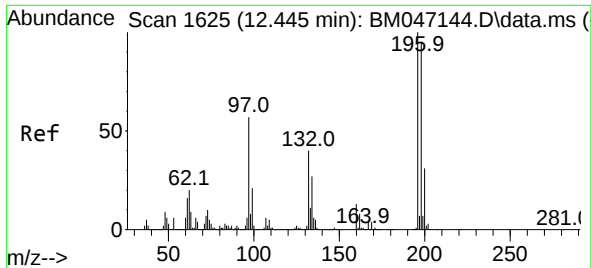


#42
2,4,6-Tribromophenol
Concen: 99.359 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



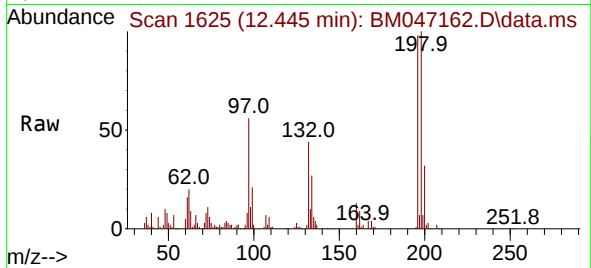
Tgt Ion: 330 Resp: 885445
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 39.9 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 4.429 ng
RT: 12.445 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

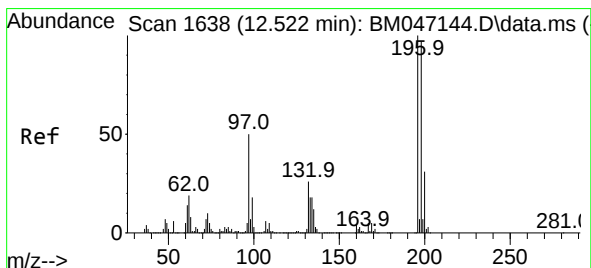
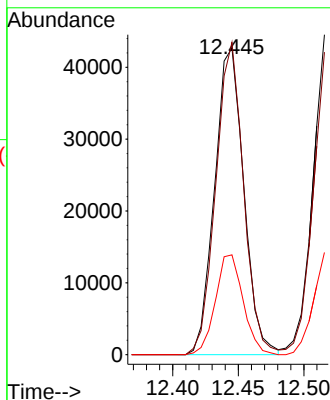
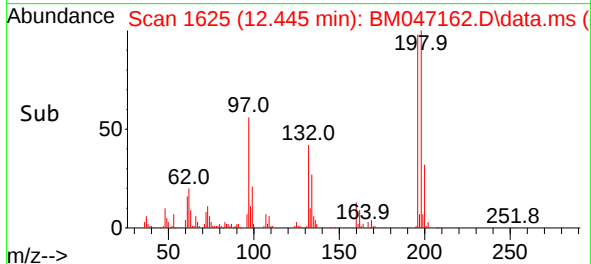
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2024



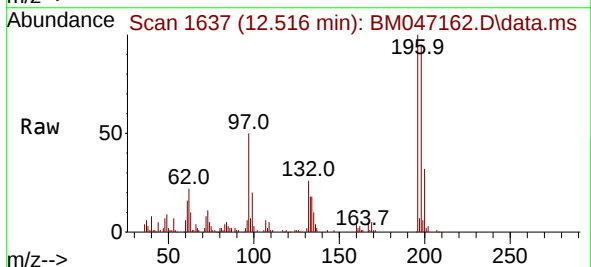
Tgt Ion:196 Resp: 65998
Ion Ratio Lower Upper
196 100
198 101.8 75.6 113.4
200 32.5 24.6 37.0

Manual Integrations
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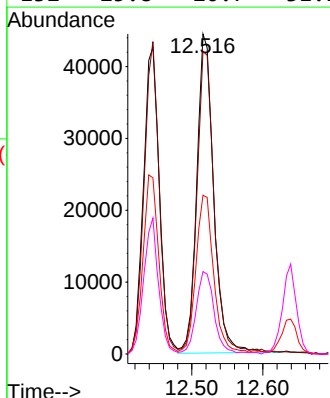
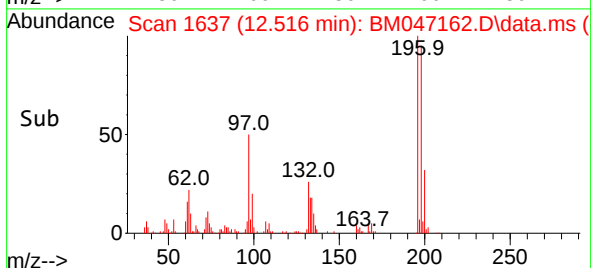
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

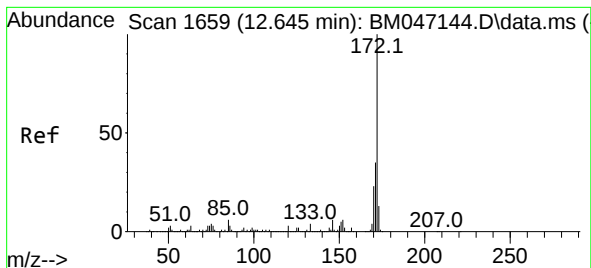


#44
2,4,5-Trichlorophenol
Concen: 4.461 ng
RT: 12.516 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



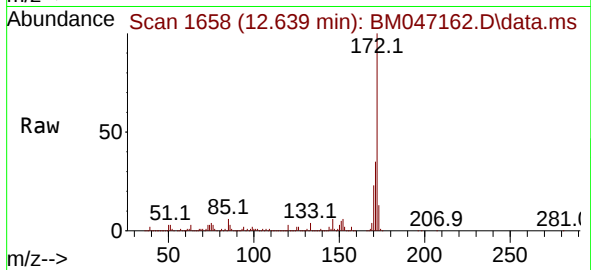
Tgt Ion:196 Resp: 73801
Ion Ratio Lower Upper
196 100
198 94.5 77.7 116.5
97 49.6 39.8 59.8
132 25.8 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 77.687 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

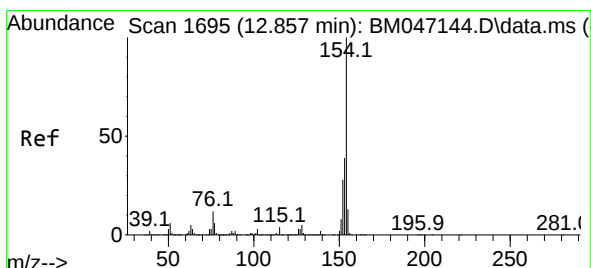
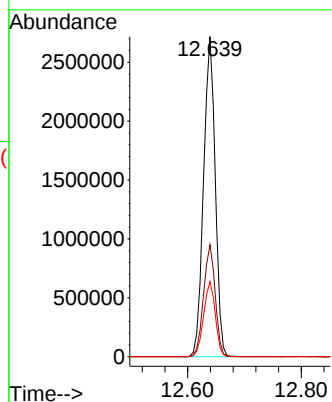
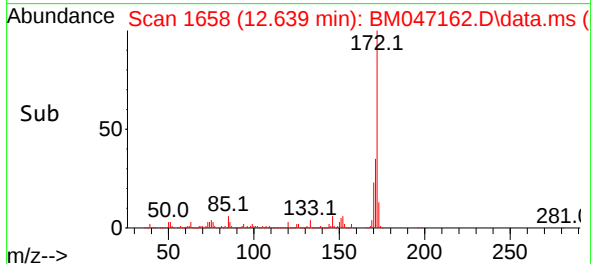
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



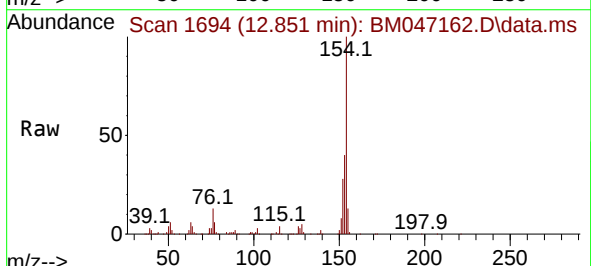
Tgt Ion:172 Resp: 3870739
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.5 18.7 28.1

Manual Integrations
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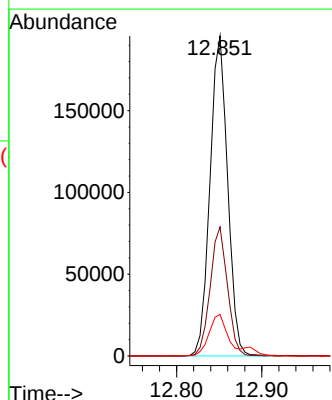
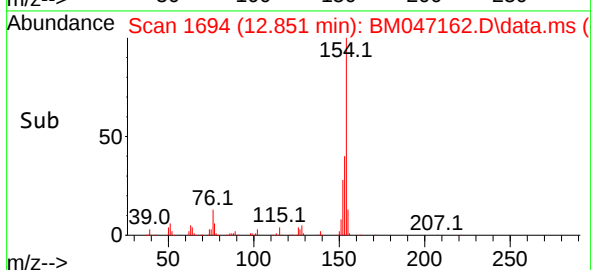
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

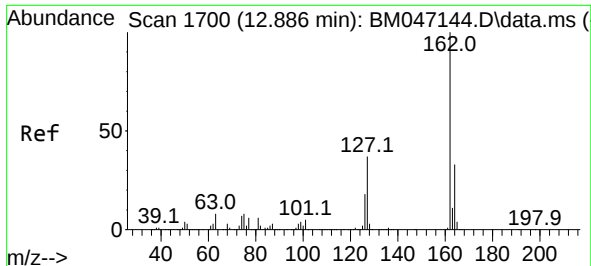


#46
1,1'-Biphenyl
Concen: 5.143 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



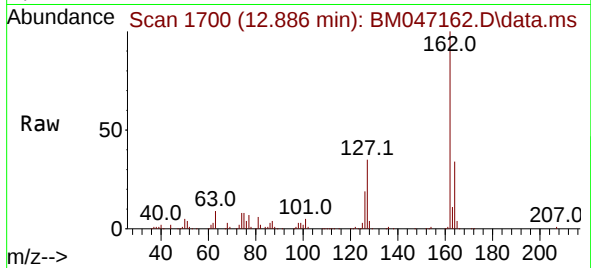
Tgt Ion:154 Resp: 281392
Ion Ratio Lower Upper
154 100
153 40.3 19.0 59.0
76 13.0 0.0 31.9





#47
2-Chloronaphthalene
Concen: 5.183 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

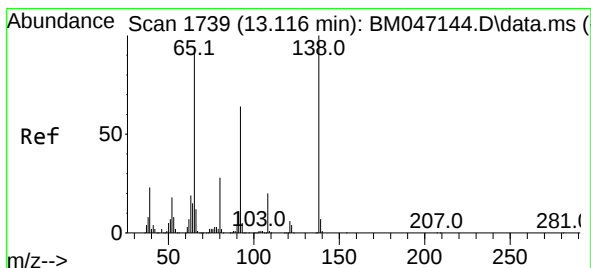
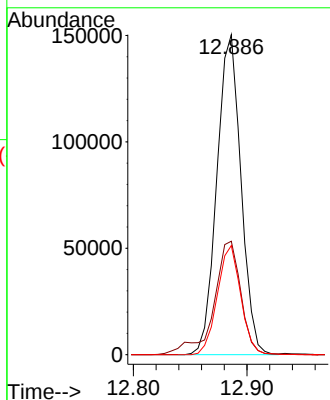
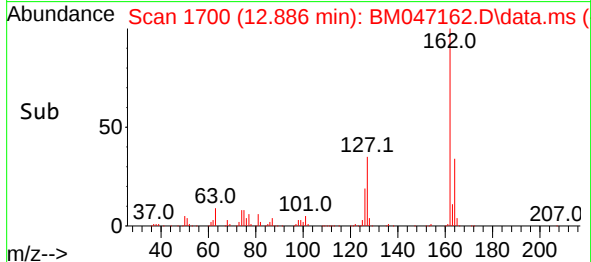
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion:162 Resp: 221640
Ion Ratio Lower Upper
162 100
127 35.4 30.0 45.0
164 34.1 26.3 39.5

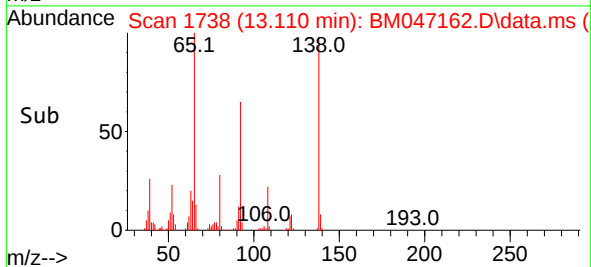
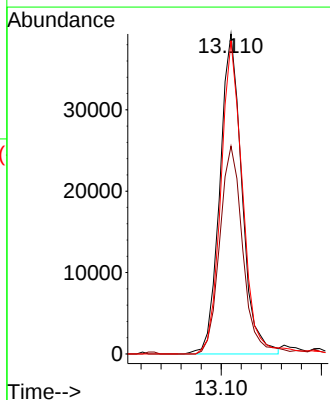
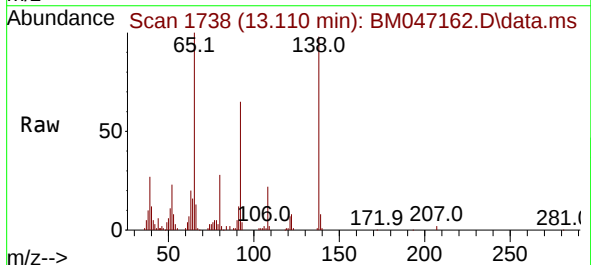
Manual Integrations
APPROVED

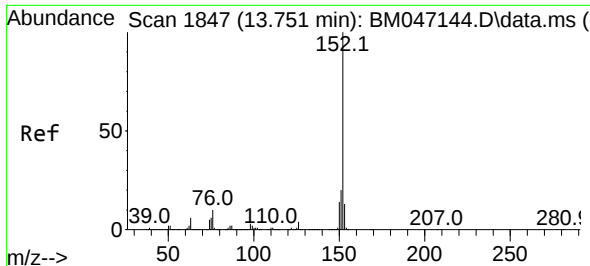
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#48
2-Nitroaniline
Concen: 4.483 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

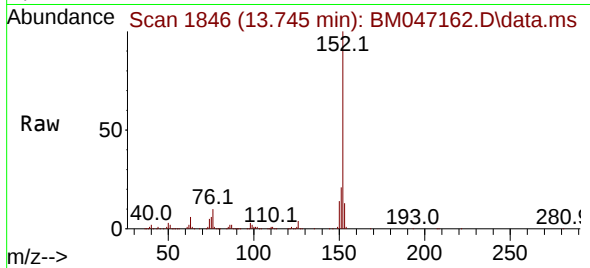
Tgt Ion: 65 Resp: 60067
Ion Ratio Lower Upper
65 100
92 64.9 55.1 82.7
138 97.9 85.9 128.9





#49
Acenaphthylene
Concen: 5.618 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

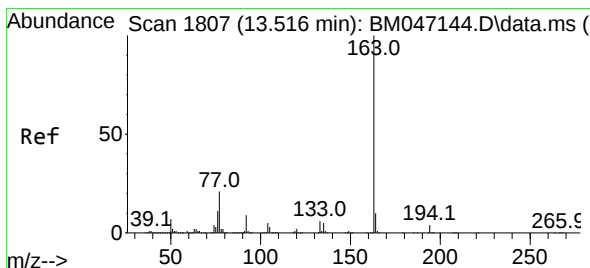
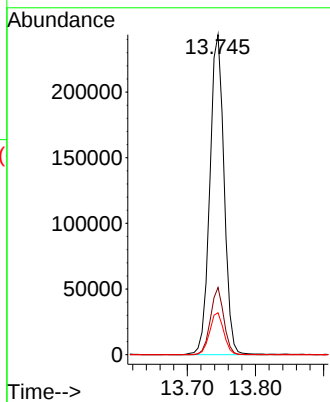
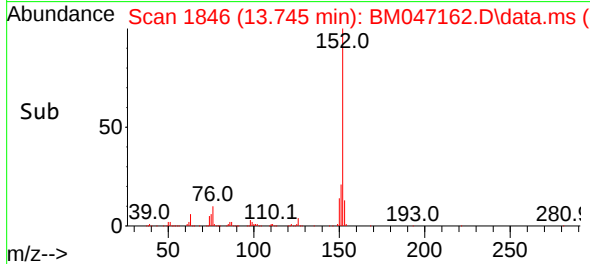
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:152 Resp: 354124
Ion Ratio Lower Upper
152 100
151 21.0 15.8 23.6
153 13.1 10.4 15.6

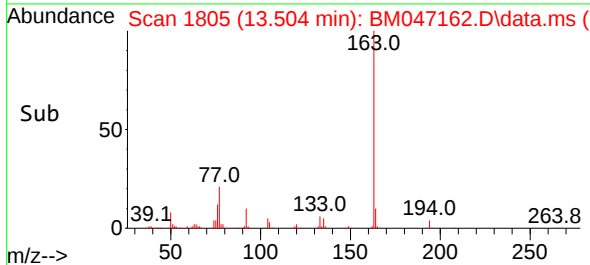
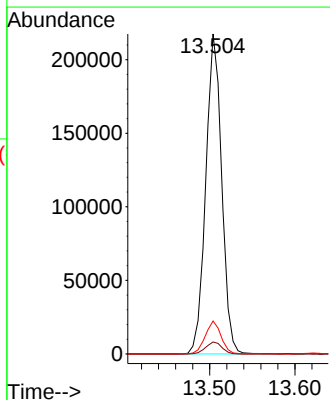
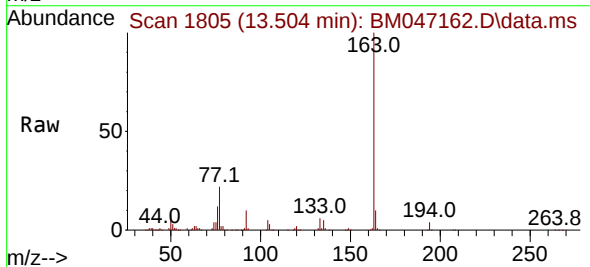
Manual Integrations
APPROVED

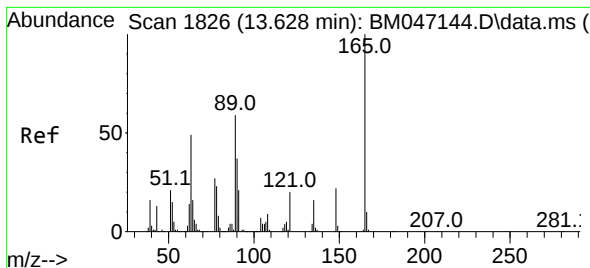
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#50
Dimethylphthalate
Concen: 5.256 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

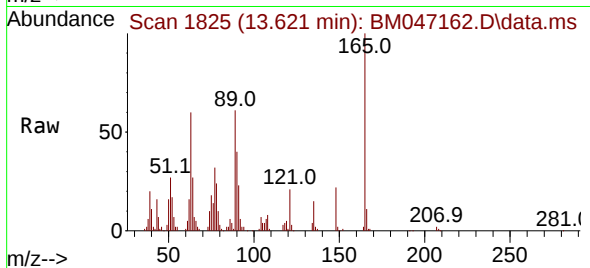
Tgt Ion:163 Resp: 282107
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 4.575 ng
RT: 13.621 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

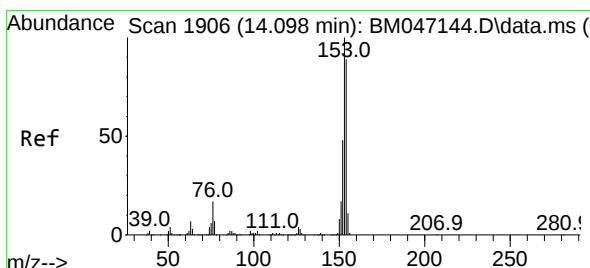
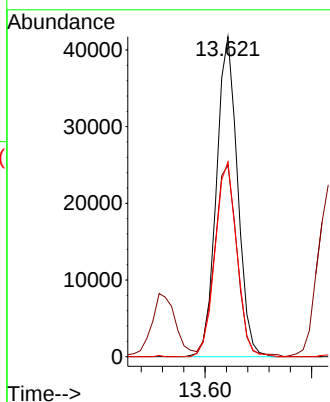
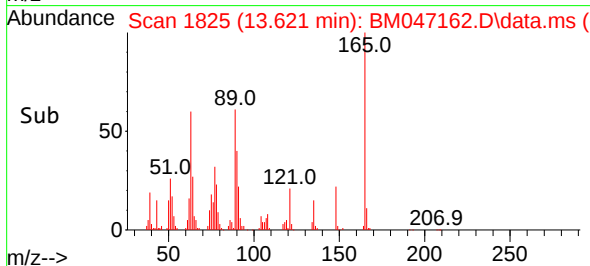
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:165 Resp: 57409
Ion Ratio Lower Upper
165 100
63 59.8 46.5 69.7
89 60.9 47.3 70.9

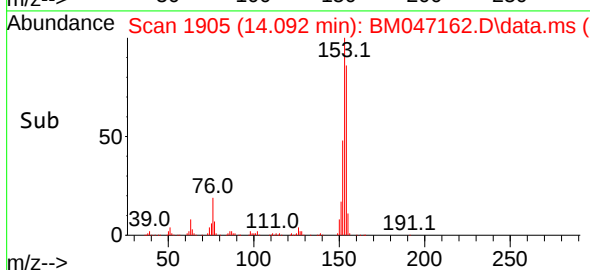
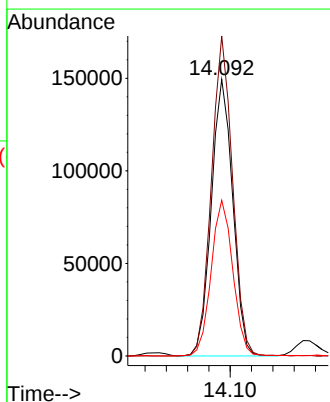
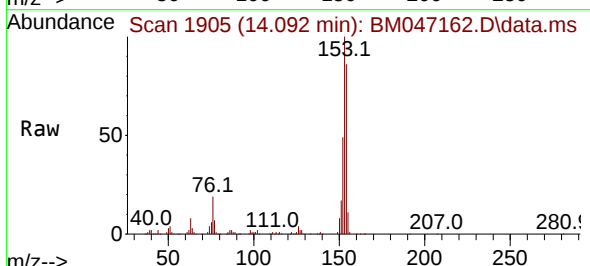
Manual Integrations
APPROVED

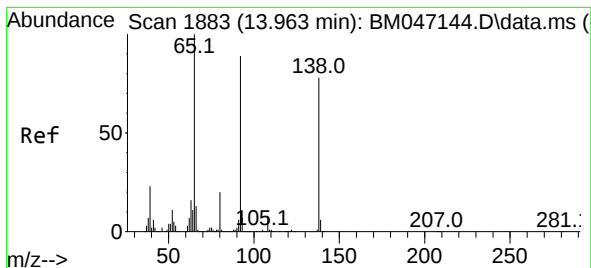
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 5.224 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

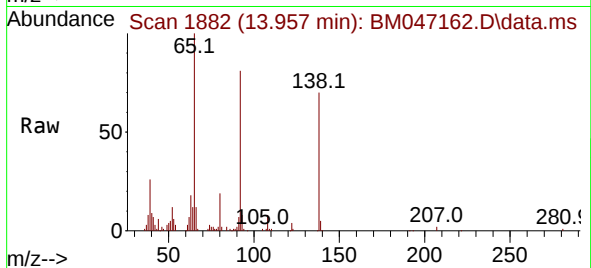
Tgt Ion:154 Resp: 208903
Ion Ratio Lower Upper
154 100
153 115.7 90.3 135.5
152 56.3 42.9 64.3





#53
3-Nitroaniline
Concen: 4.391 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

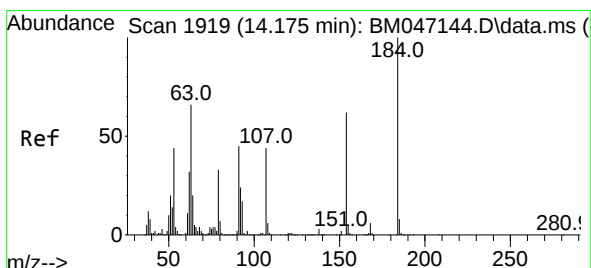
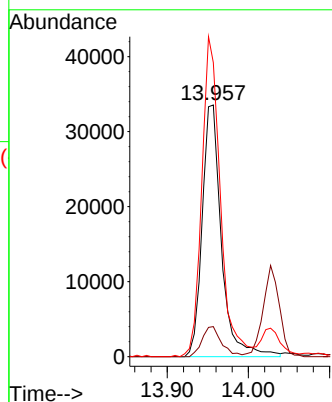
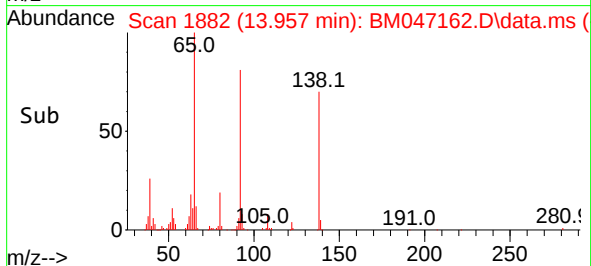
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:138 Resp: 55212
Ion Ratio Lower Upper
138 100
108 12.0 7.9 11.9
92 116.8 92.0 138.0

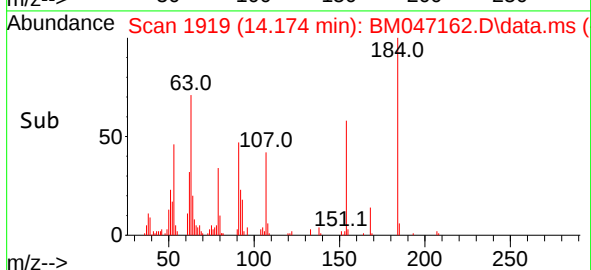
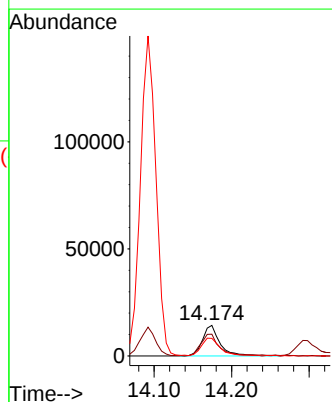
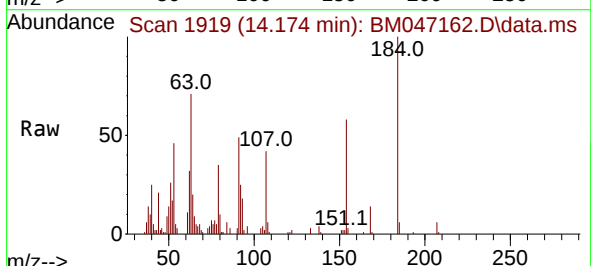
Manual Integrations
APPROVED

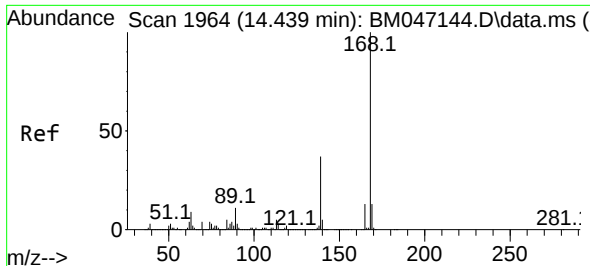
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 2.970 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

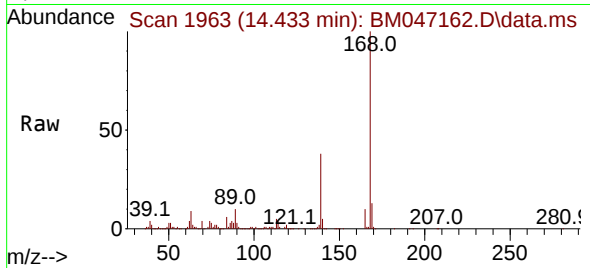
Tgt Ion:184 Resp: 22334
Ion Ratio Lower Upper
184 100
63 71.2 52.7 79.1
154 57.5 50.4 75.6





#55
Dibenzenofuran
Concen: 5.596 ng
RT: 14.433 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

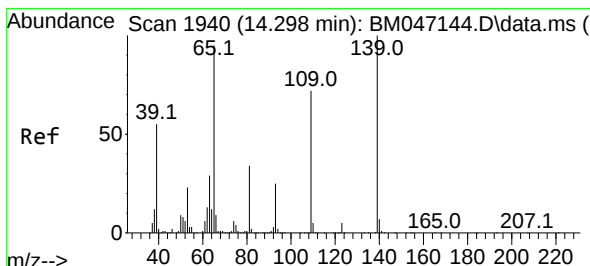
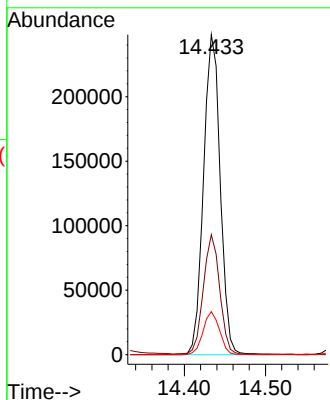
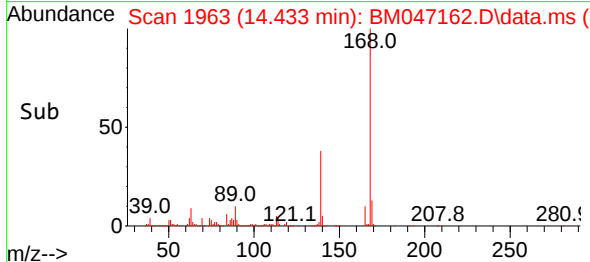
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:168 Resp: 35345
Ion Ratio Lower Upper
168 100
139 37.5 29.6 44.4
169 13.4 10.7 16.1

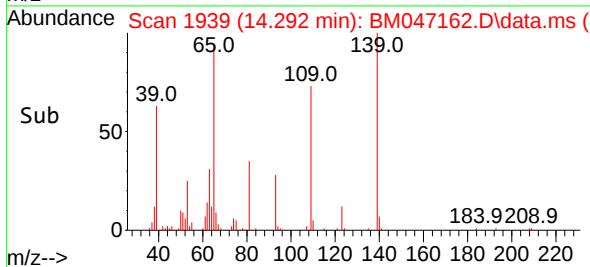
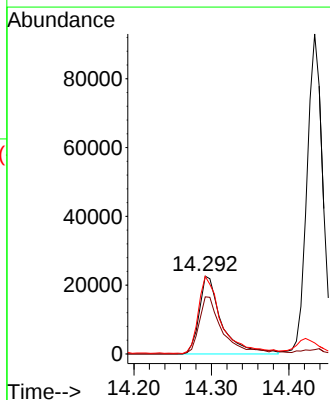
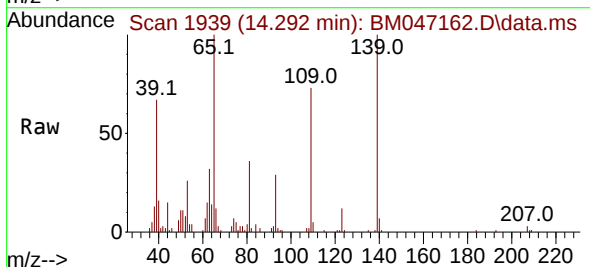
Manual Integrations
APPROVED

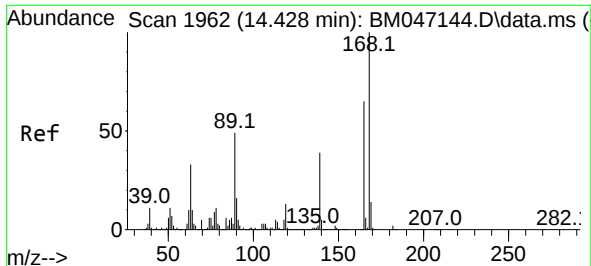
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 4.193 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

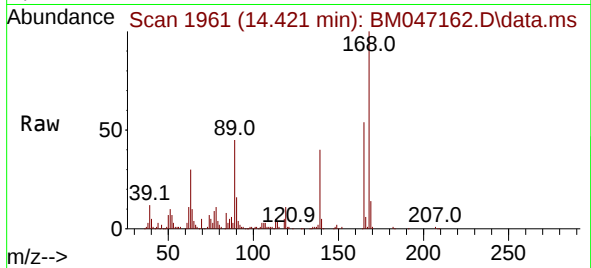
Tgt Ion:139 Resp: 45460
Ion Ratio Lower Upper
139 100
109 73.4 52.5 92.5
65 99.8 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 4.391 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

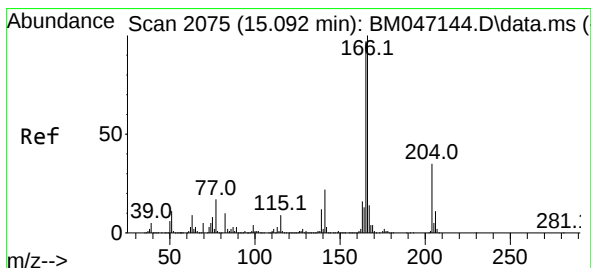
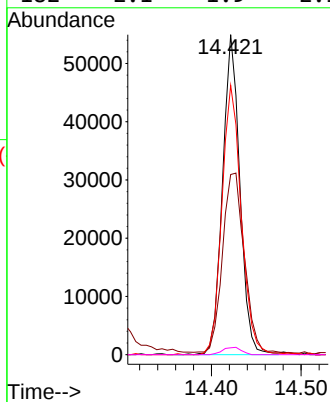
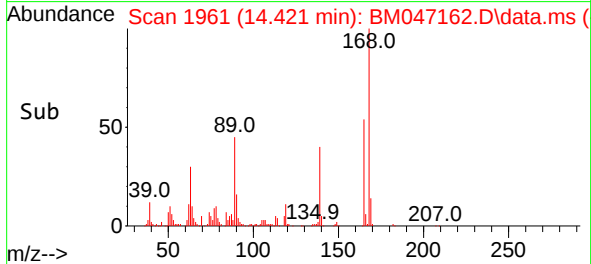
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion:	165	Resp:	7354
Ion Ratio	Lower	Upper	
165	100		
63	56.3	40.3	60.5
89	84.2	61.0	91.6
182	2.1	1.9	2.9

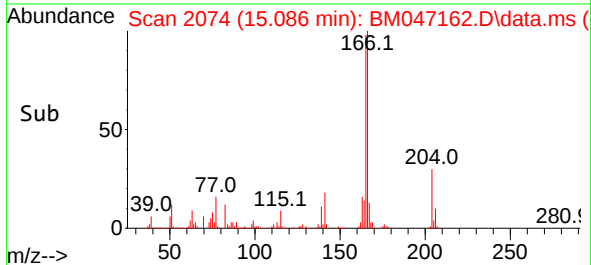
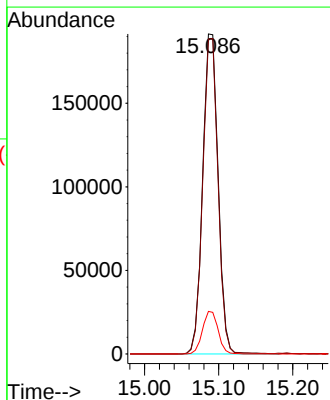
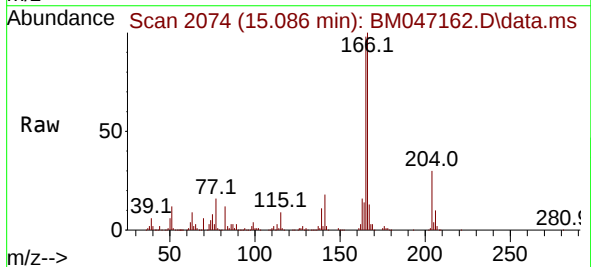
Manual Integrations
APPROVED

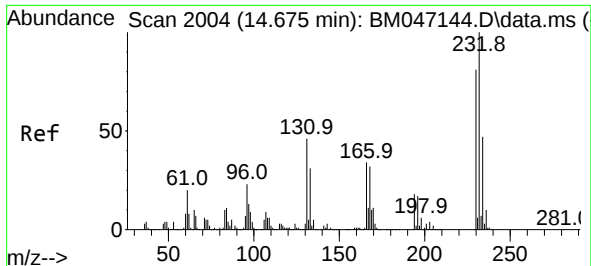
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 5.320 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

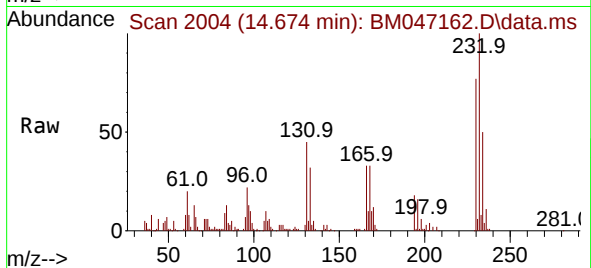
Tgt Ion:	166	Resp:	277257
Ion Ratio	Lower	Upper	
166	100		
165	98.4	77.4	116.0
167	13.3	11.0	16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.767 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

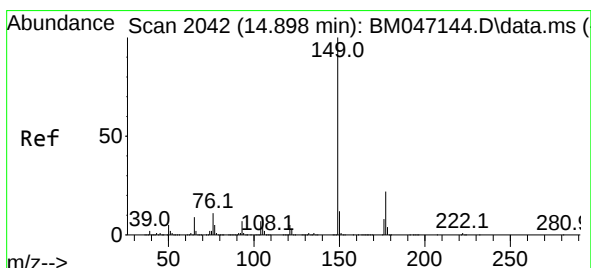
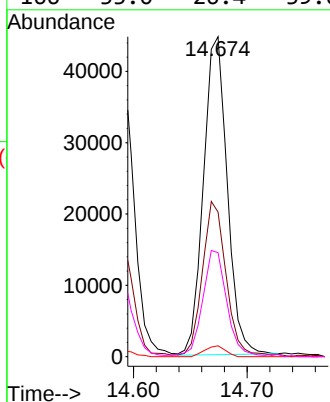
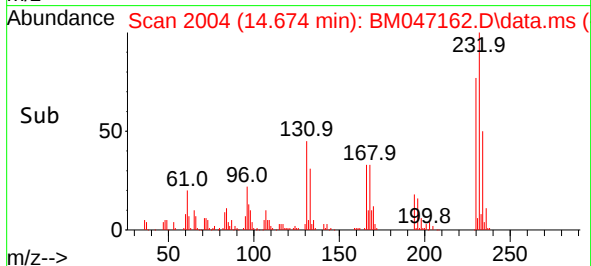
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:232 Resp: 6481
Ion Ratio Lower Upper
232 100
131 49.3 36.9 55.3
130 3.0 2.0 3.0
166 33.0 26.4 39.6

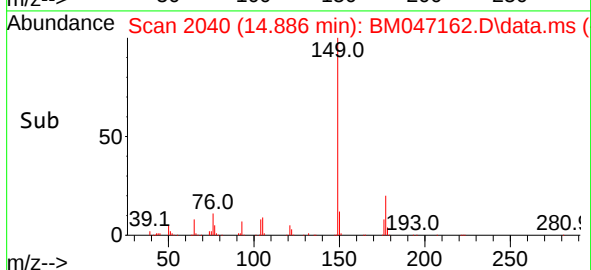
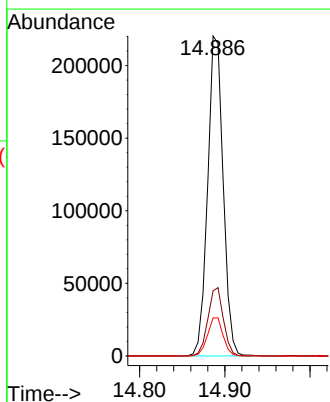
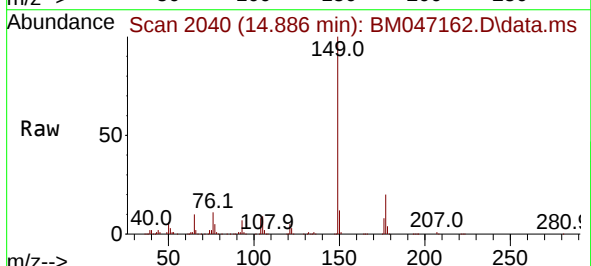
Manual Integrations
APPROVED

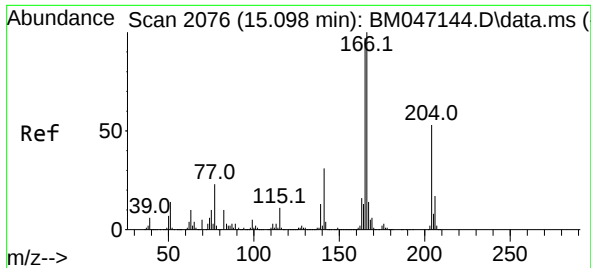
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 5.087 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

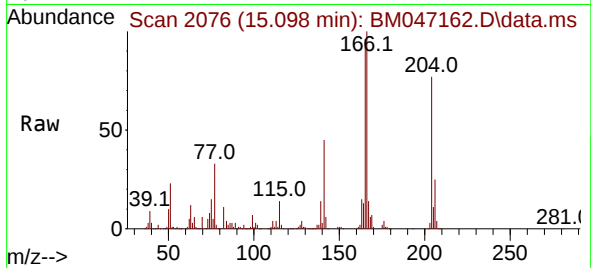
Tgt Ion:149 Resp: 278838
Ion Ratio Lower Upper
149 100
177 20.4 17.6 26.4
150 11.9 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 5.305 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

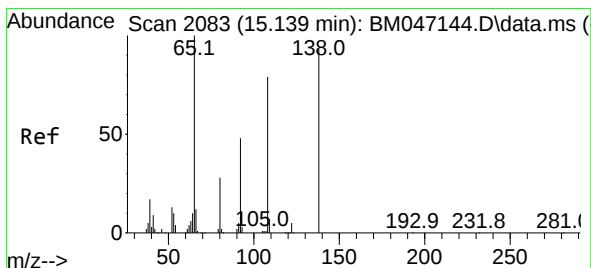
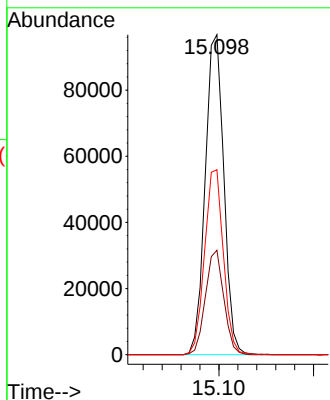
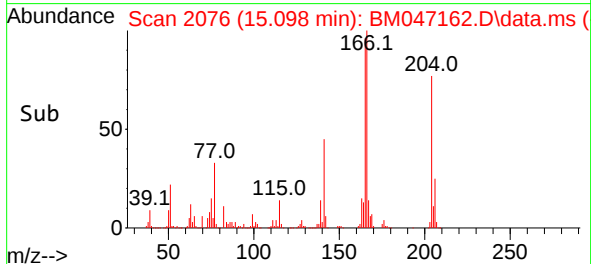
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:204 Resp: 13161
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 57.8 47.2 70.8

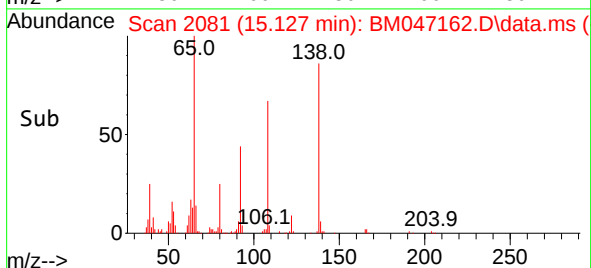
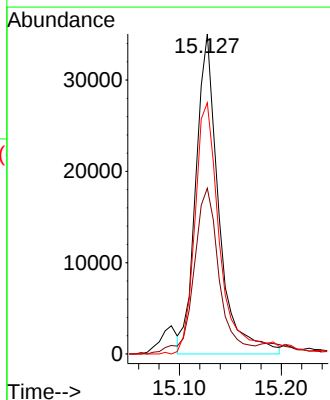
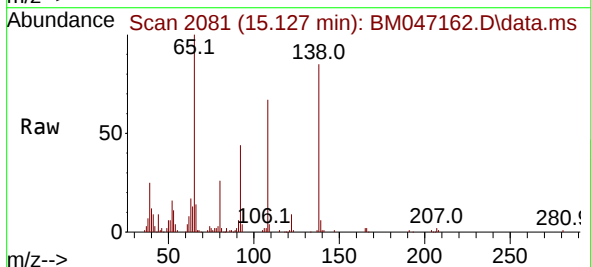
Manual Integrations
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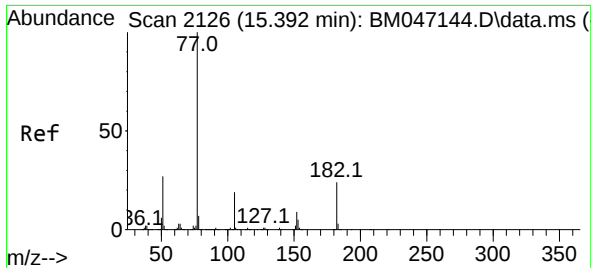
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 4.434 ng m
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

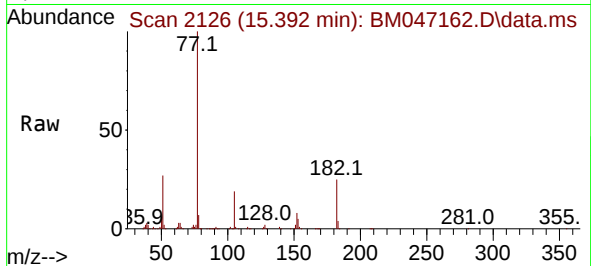
Tgt Ion:138 Resp: 54919
Ion Ratio Lower Upper
138 100
92 51.8 31.9 71.9
108 78.5 63.8 103.8





#63
Azobenzene
Concen: 5.262 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024

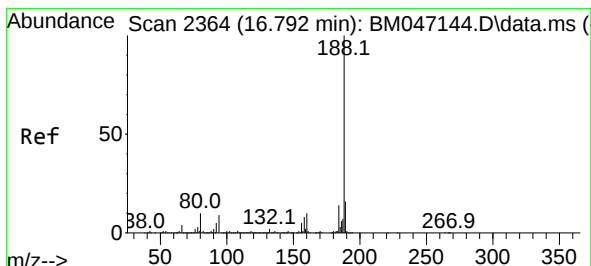
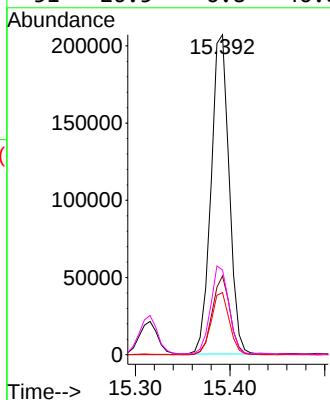
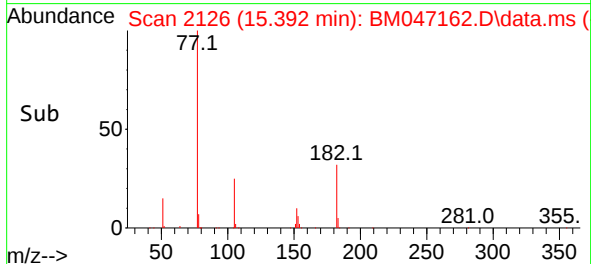


Tgt Ion: 77 Resp: 273460

Ion	Ratio	Lower	Upper
77	100		
182	24.6	3.8	43.8
105	19.4	0.0	39.5
51	26.5	6.8	46.8

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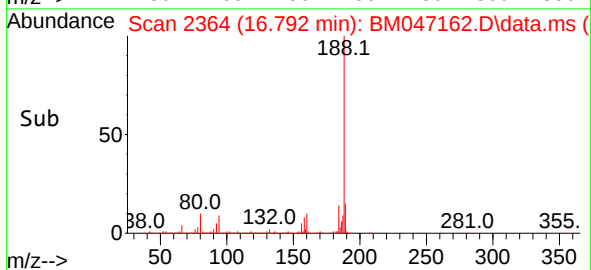
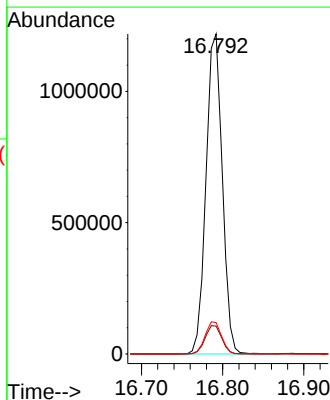
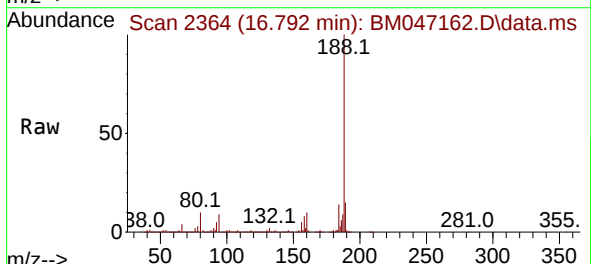
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

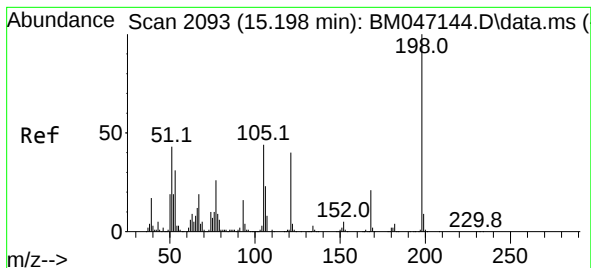


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

Tgt Ion:188 Resp: 1697047

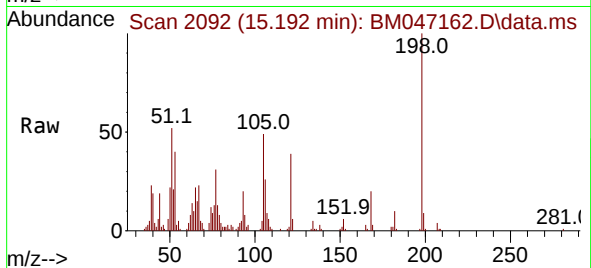
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	9.8	8.0	12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 3.374 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

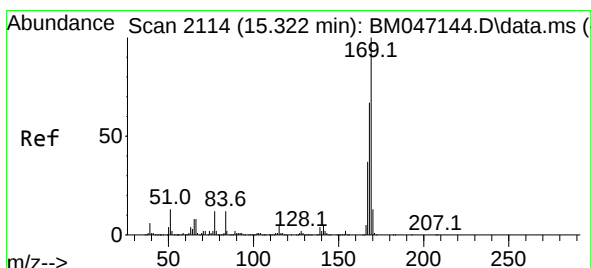
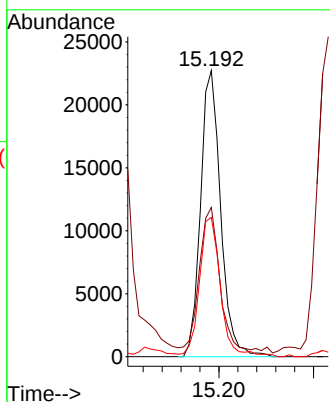
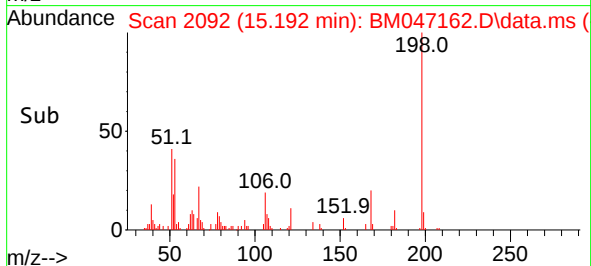
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2024



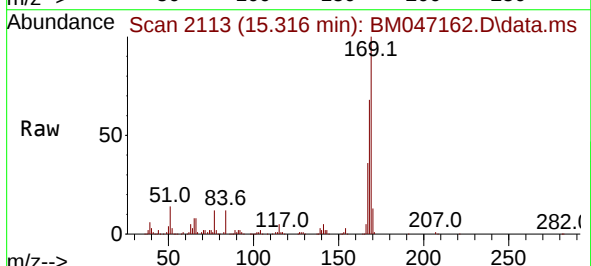
Tgt Ion:198 Resp: 33524
Ion Ratio Lower Upper
198 100
51 52.1 23.9 63.9
105 48.6 24.3 64.3

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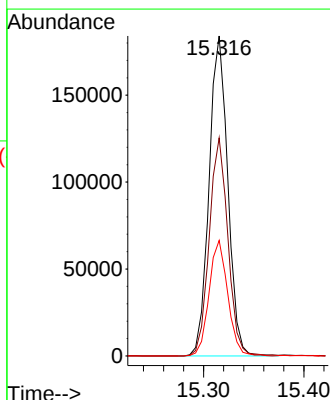
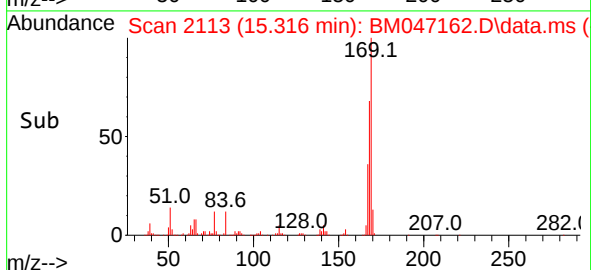
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

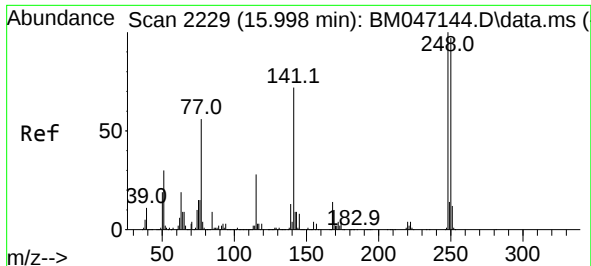


#66
n-Nitrosodiphenylamine
Concen: 5.168 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



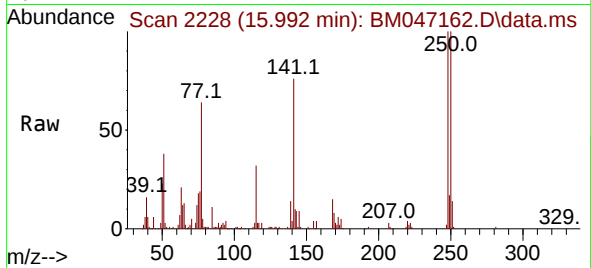
Tgt Ion:169 Resp: 238880
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.8
167 36.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 4.594 ng
RT: 15.992 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31

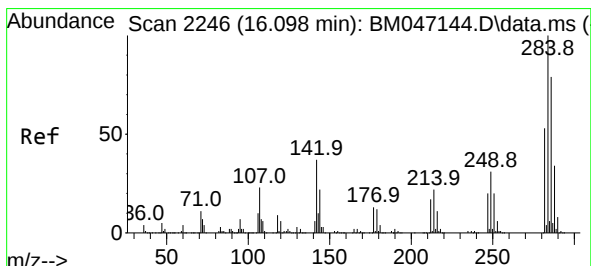
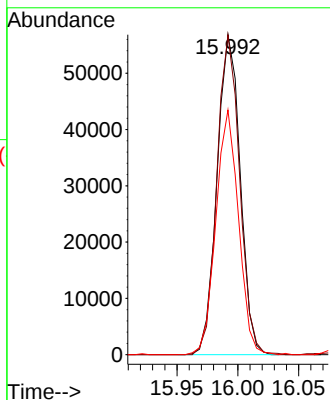
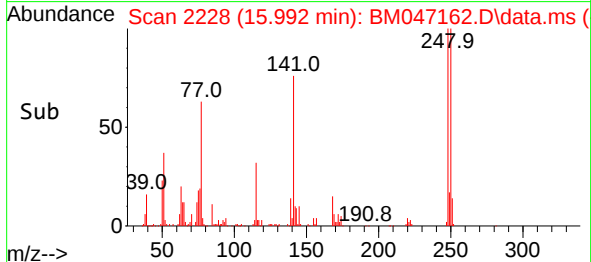
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



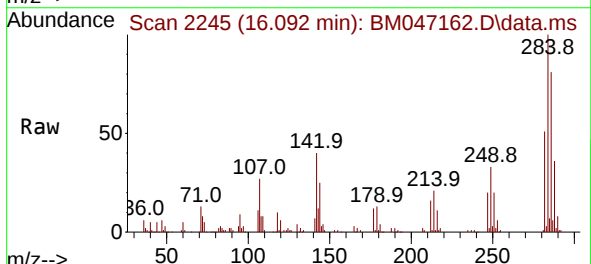
Tgt Ion:248 Resp: 7513
Ion Ratio Lower Upper
248 100
250 99.8 77.8 116.8
141 76.5 57.7 86.5

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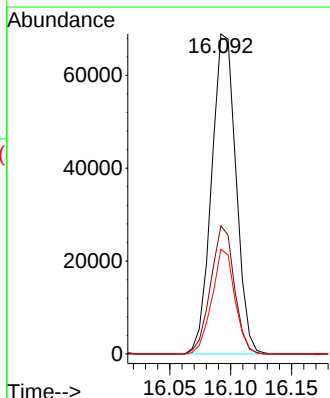
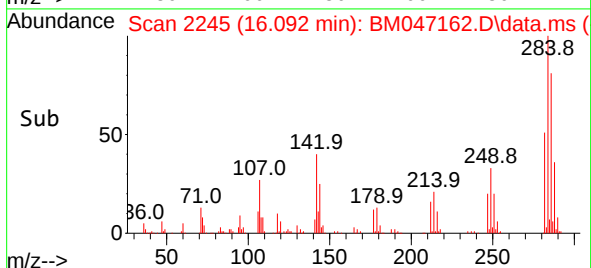
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

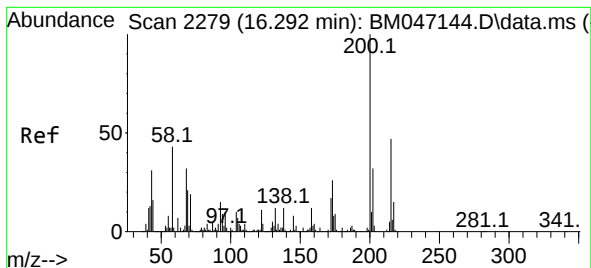


#68
Hexachlorobenzene
Concen: 4.898 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047162.D
Acq: 12 Aug 2024 19:31



Tgt Ion:284 Resp: 95924
Ion Ratio Lower Upper
284 100
142 40.0 29.4 44.0
249 32.7 25.1 37.7





#69

Atrazine

Concen: 5.875 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

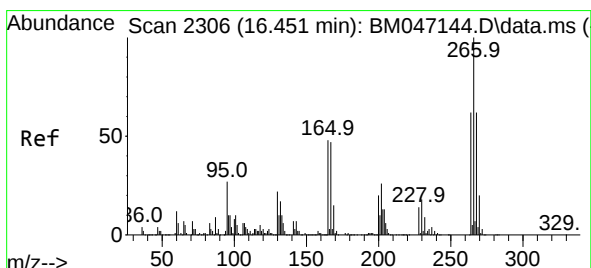
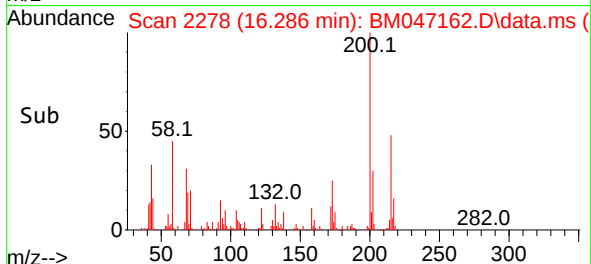
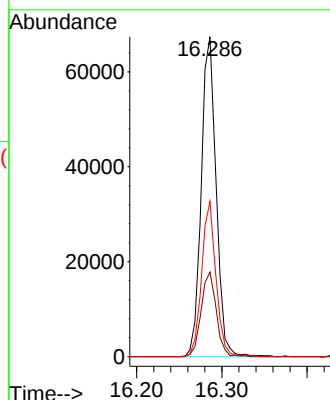
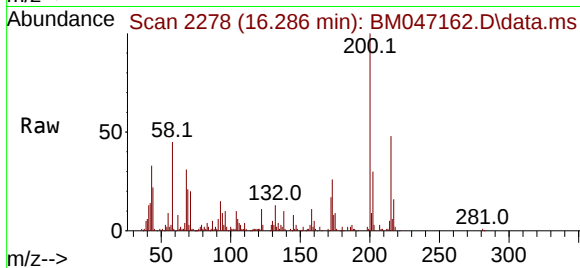
Tgt Ion:200 Resp: 81724
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.1 46.1
 215 48.5 26.8 66.8

Manual Integrations

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Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 3.534 ng

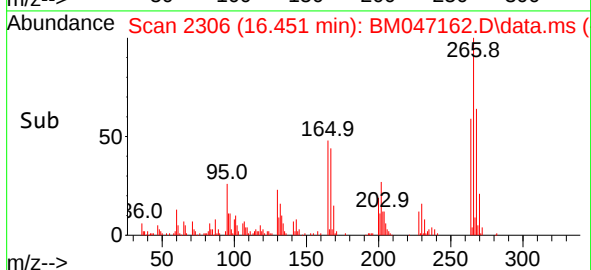
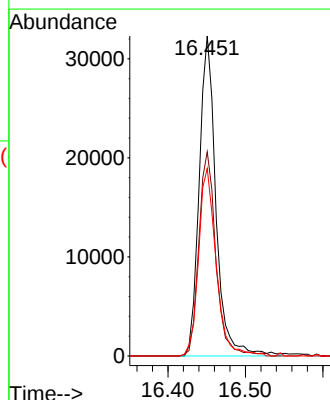
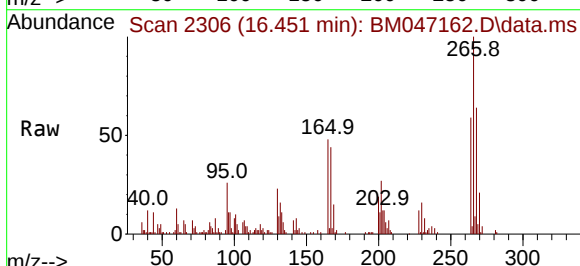
RT: 16.451 min Scan# 2306

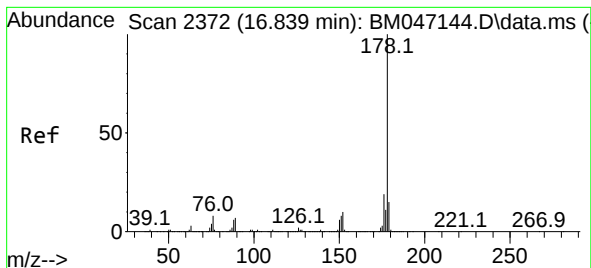
Delta R.T. -0.000 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:266 Resp: 48512
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.8 74.6
 264 58.6 49.6 74.4





#71

Phenanthrene

Concen: 5.375 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:178 Resp: 457769

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

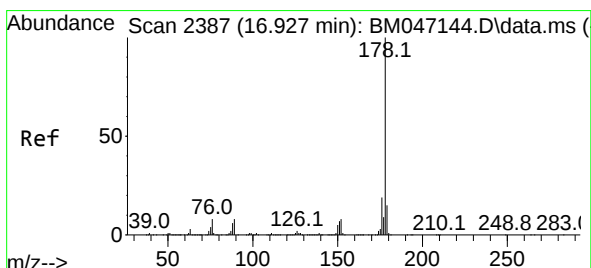
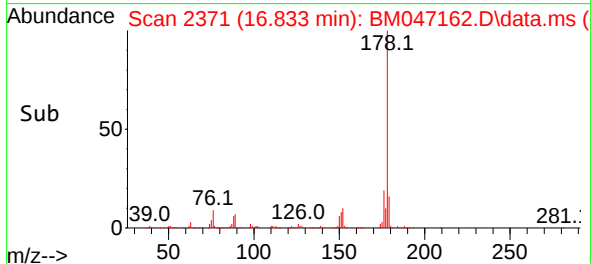
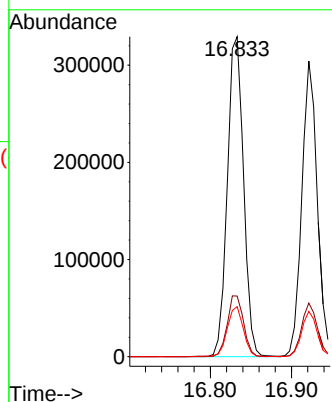
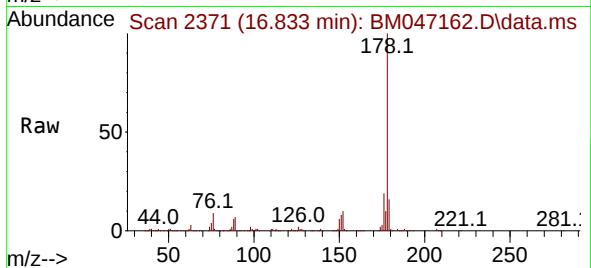
179 15.6 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#72

Anthracene

Concen: 4.925 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

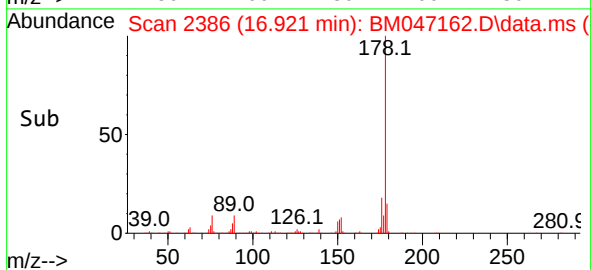
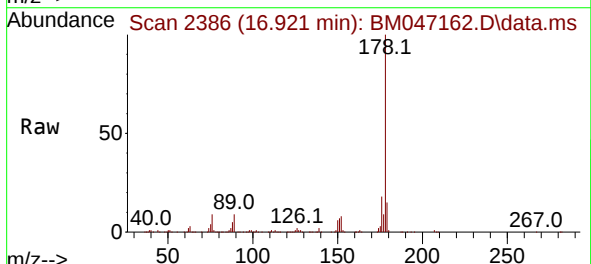
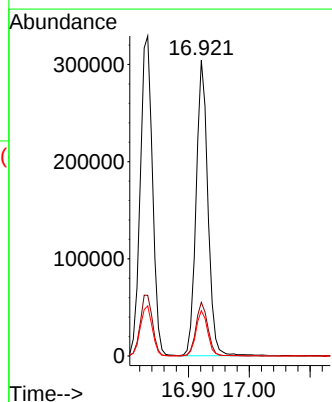
Tgt Ion:178 Resp: 408093

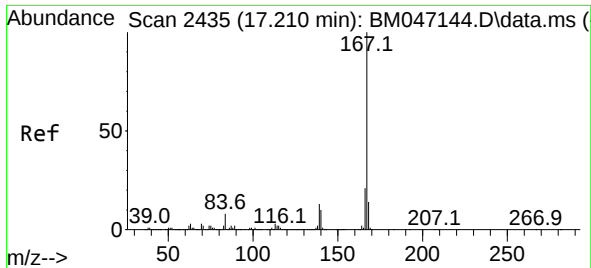
Ion Ratio Lower Upper

178 100

176 18.1 14.8 22.2

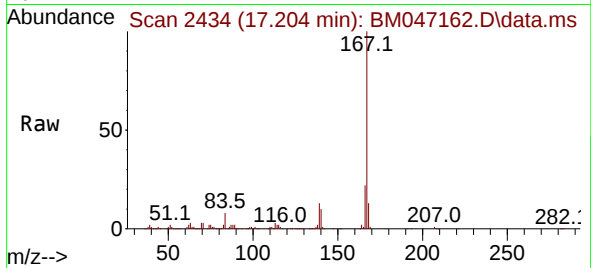
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 4.999 ng
 RT: 17.204 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BM047162.D
 Acq: 12 Aug 2024 19:31

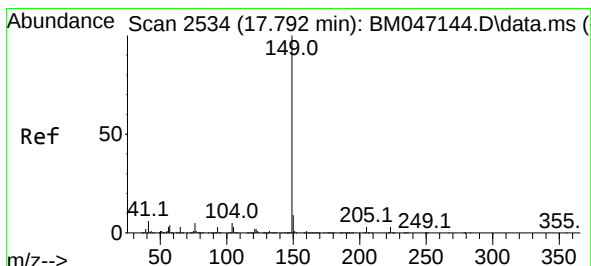
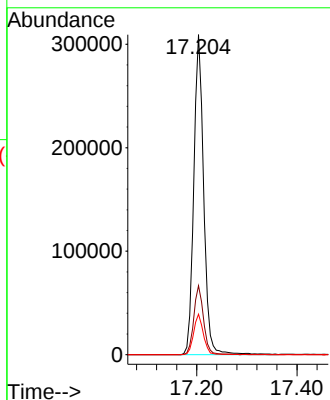
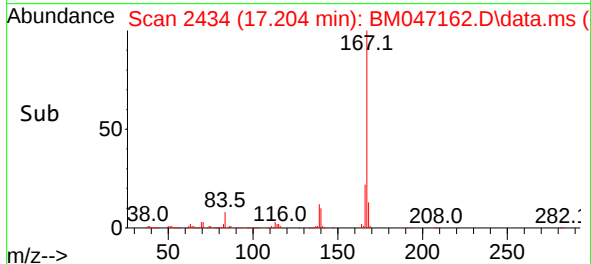
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion:167 Resp: 42295
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.7 10.0 15.0

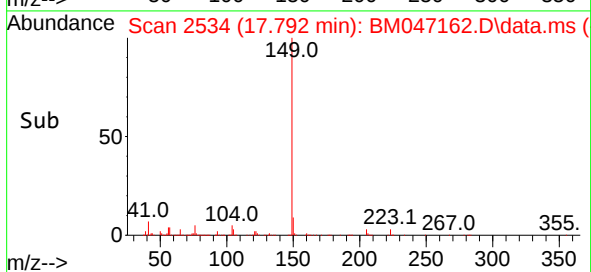
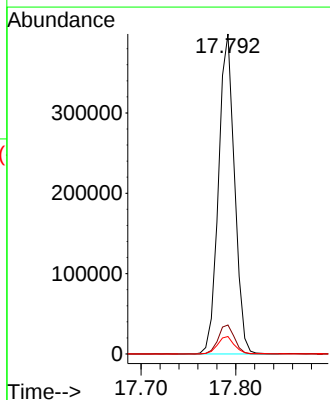
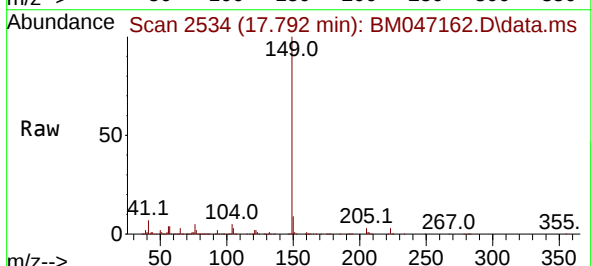
Manual Integrations
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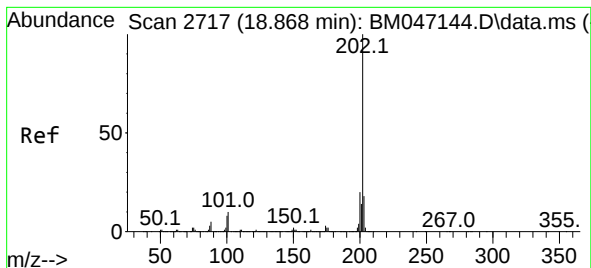
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#74
 Di-n-butylphthalate
 Concen: 4.775 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047162.D
 Acq: 12 Aug 2024 19:31

Tgt Ion:149 Resp: 470147
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 4.891 ng

RT: 18.862 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

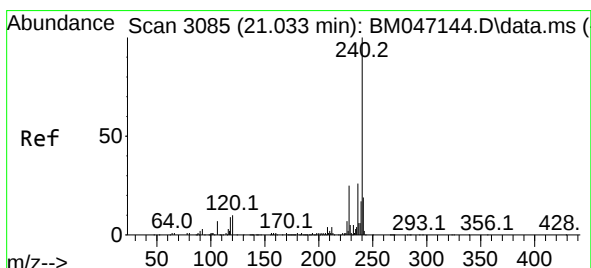
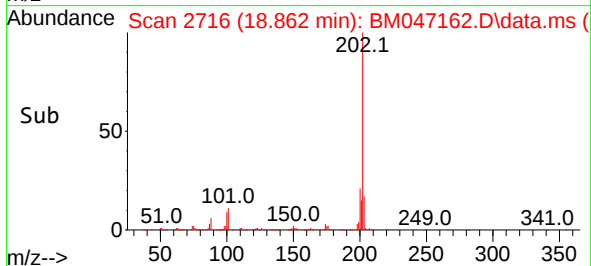
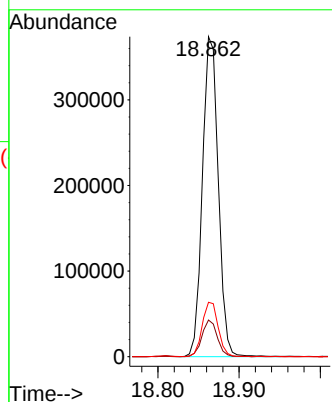
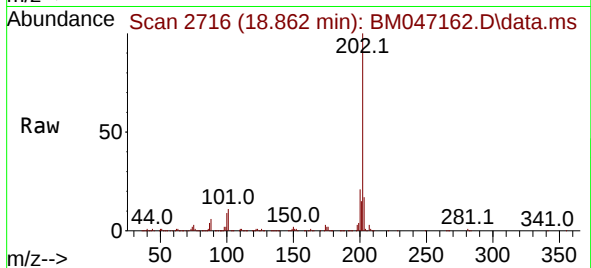
ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:202 Resp: 506630
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.2
 203 17.0 0.0 37.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#76

Chrysene-d12

Concen: 20.000 ng

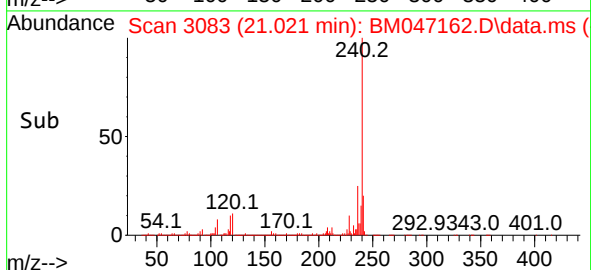
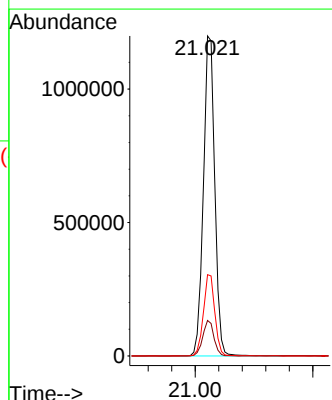
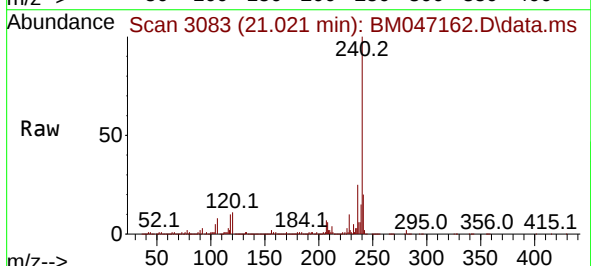
RT: 21.021 min Scan# 3083

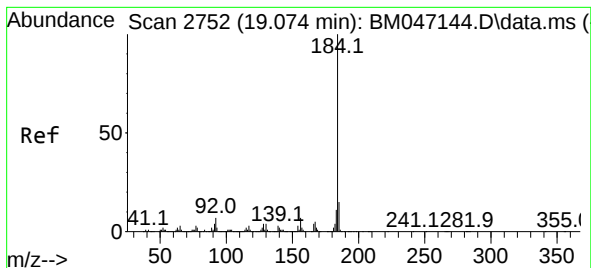
Delta R.T. -0.012 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:240 Resp: 1612249
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.2 12.2
 236 25.4 20.6 30.8





#77

Benzidine

Concen: 4.183 ng

RT: 19.074 min Scan# 2752

Delta R.T. -0.000 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

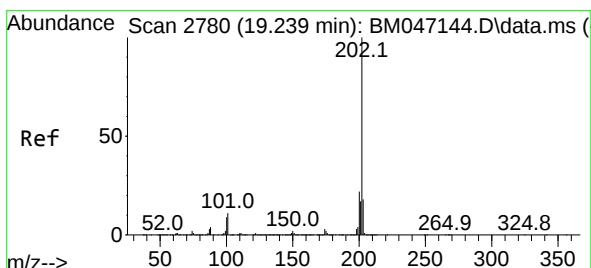
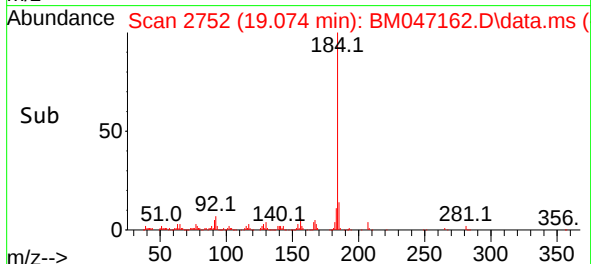
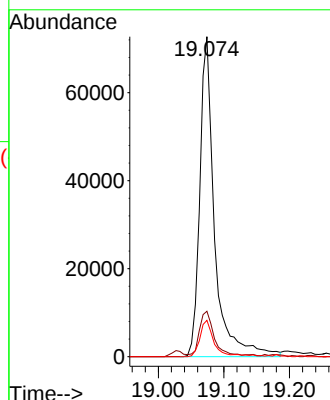
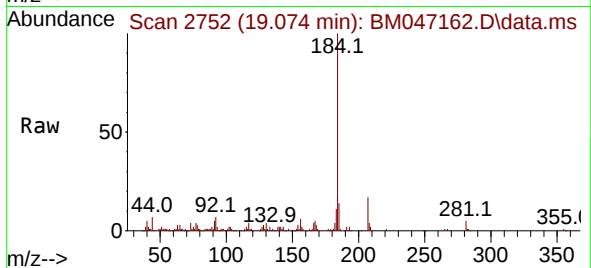
ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:184 Resp: 114350
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.8 17.6
 183 11.3 9.0 13.6

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#78

Pyrene

Concen: 4.697 ng

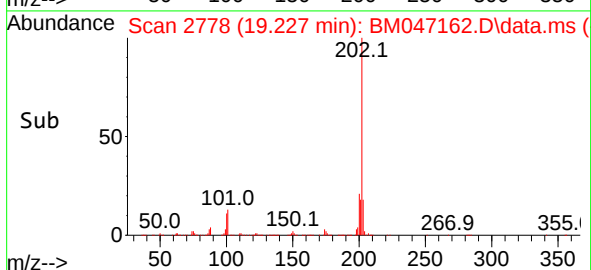
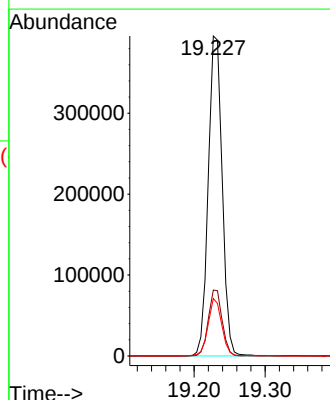
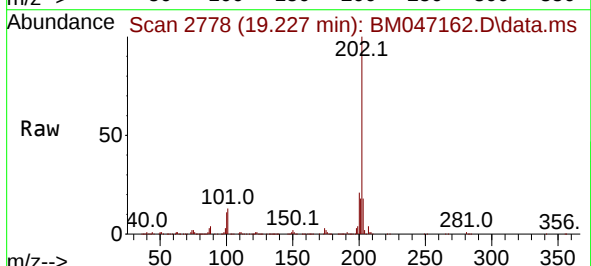
RT: 19.227 min Scan# 2778

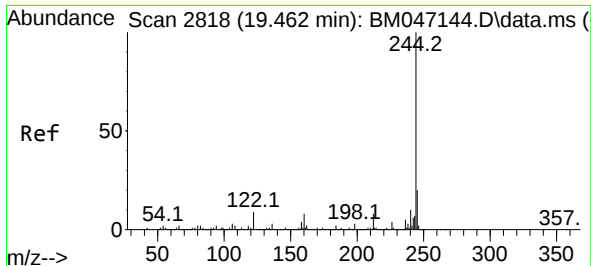
Delta R.T. -0.012 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

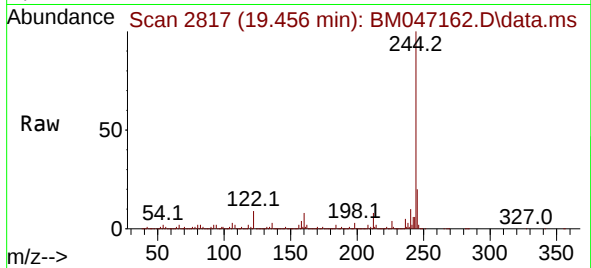
Tgt Ion:202 Resp: 540763
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.2 25.8
 203 17.9 14.2 21.2





#79
 Terphenyl-d14
 Concen: 87.154 ng
 RT: 19.456 min Scan# 2818
 Delta R.T. -0.006 min
 Lab File: BM047162.D
 Acq: 12 Aug 2024 19:31

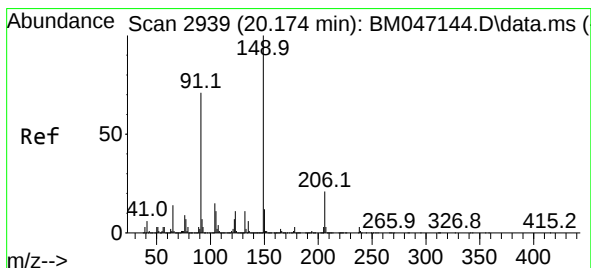
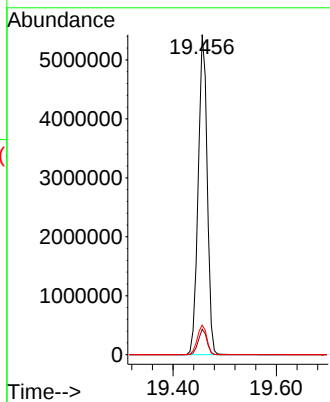
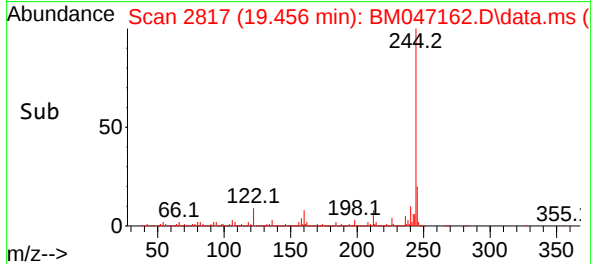
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion:244 Resp: 6557589
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 9.3 7.1 10.7

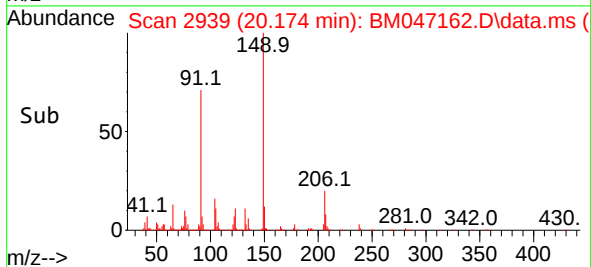
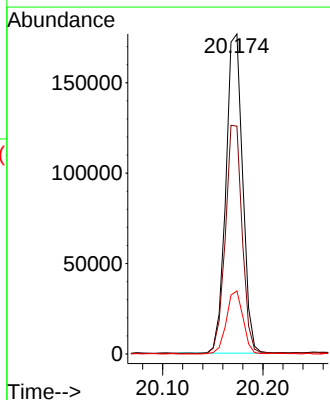
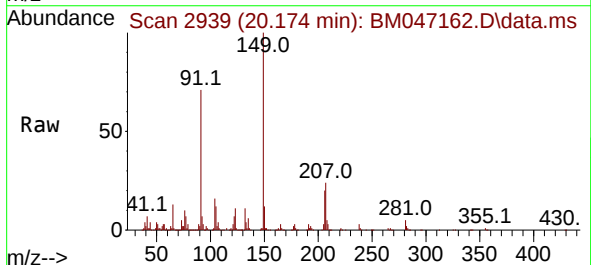
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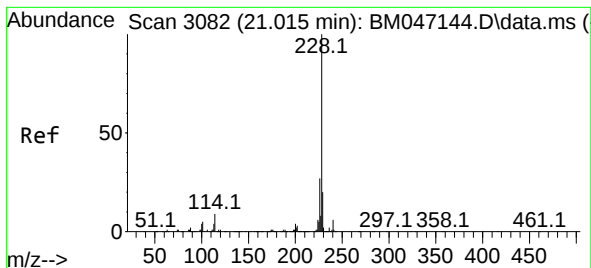
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 4.360 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047162.D
 Acq: 12 Aug 2024 19:31

Tgt Ion:149 Resp: 204849
 Ion Ratio Lower Upper
 149 100
 91 71.2 57.0 85.4
 206 19.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 4.946 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

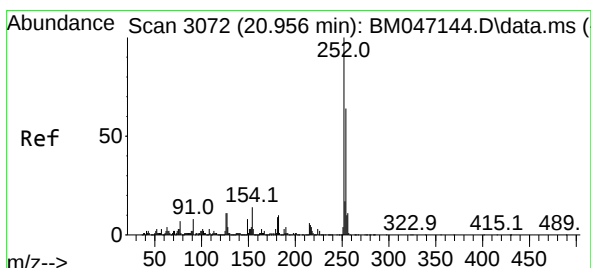
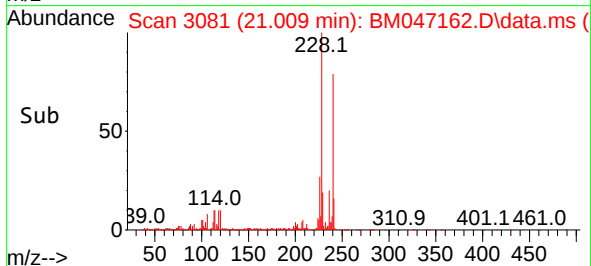
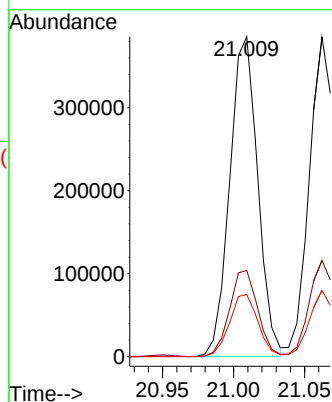
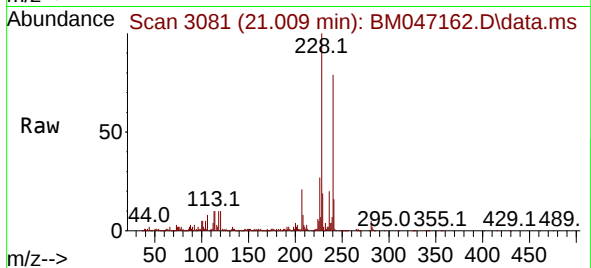
Tgt Ion:228	Resp: 52936
Ion Ratio	Lower Upper
228 100	
226 26.9	21.8 32.6
229 19.4	15.8 23.8

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Supervised By :mohammad ahmed 08/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 5.219 ng

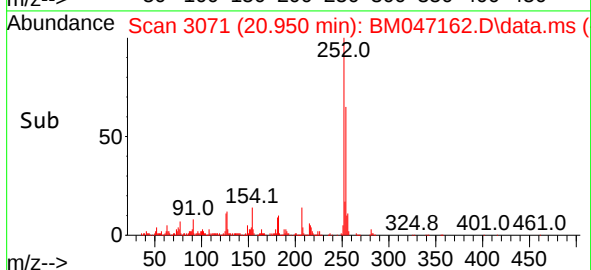
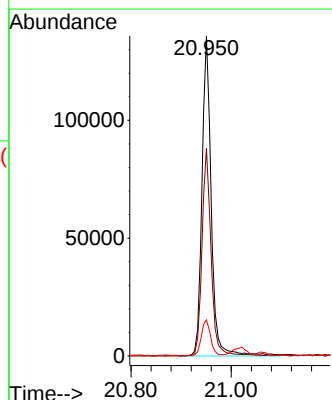
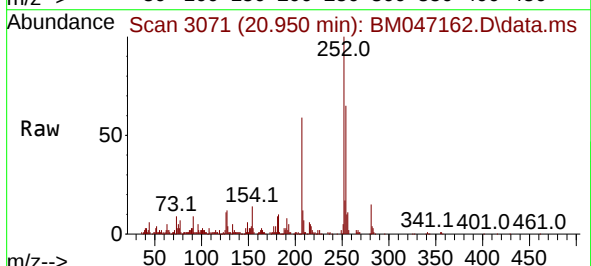
RT: 20.950 min Scan# 3071

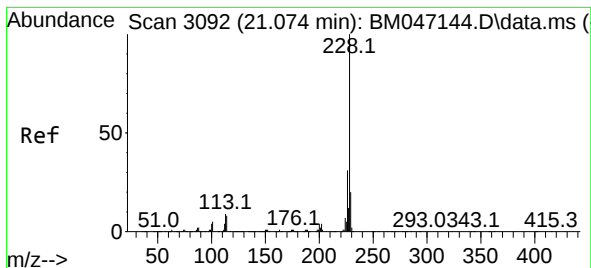
Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:252	Resp: 174783
Ion Ratio	Lower Upper
252 100	
254 64.9	51.0 76.6
126 11.3	8.5 12.7





#83

Chrysene

Concen: 4.935 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

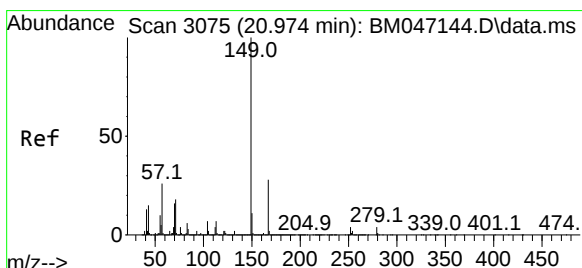
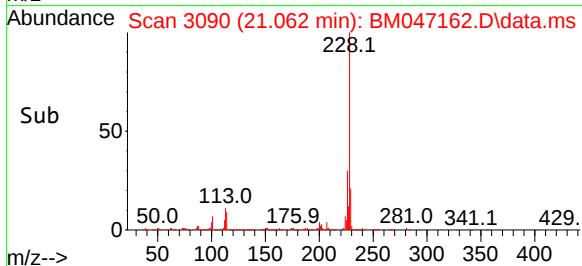
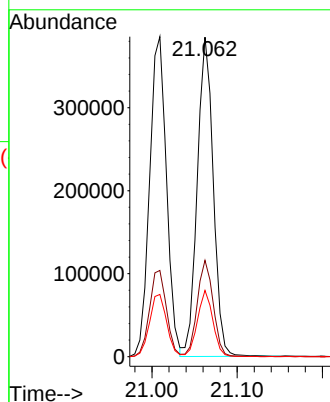
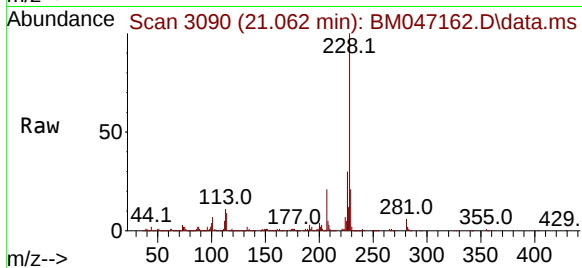
Tgt Ion:228 Resp: 501150
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 20.7 15.7 23.5

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Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.618 ng

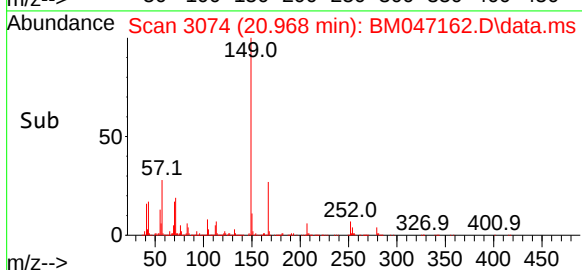
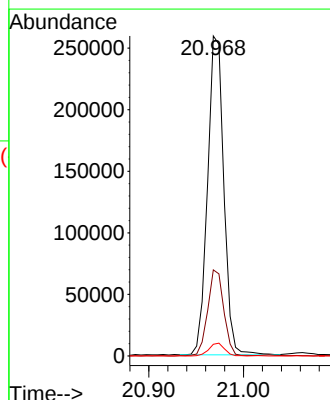
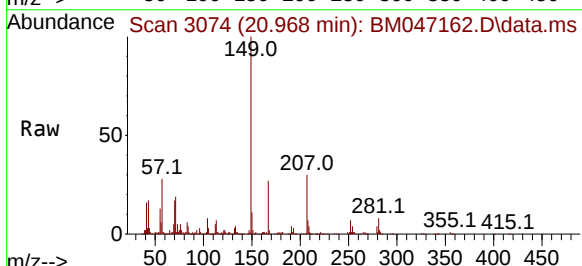
RT: 20.968 min Scan# 3074

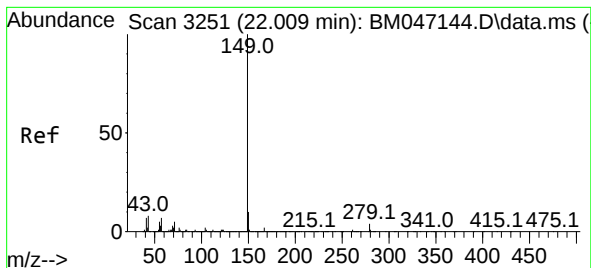
Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:149 Resp: 307705
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.2 33.2
 279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 4.236 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047162.D

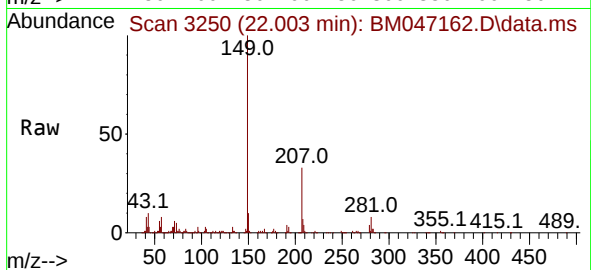
Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:149 Resp: 479734

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

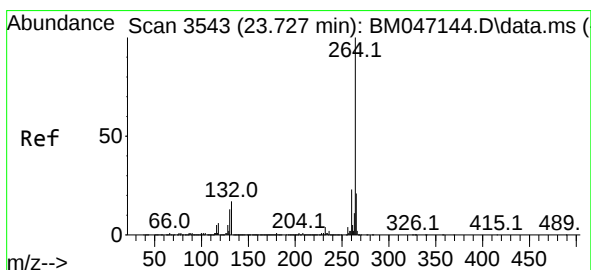
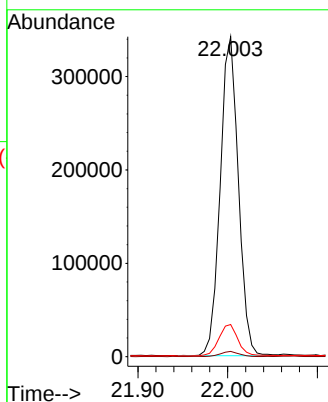
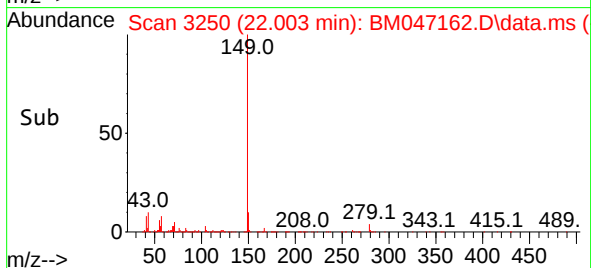
43 10.4 6.9 10.3

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#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

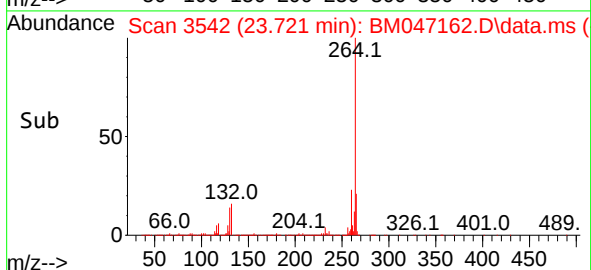
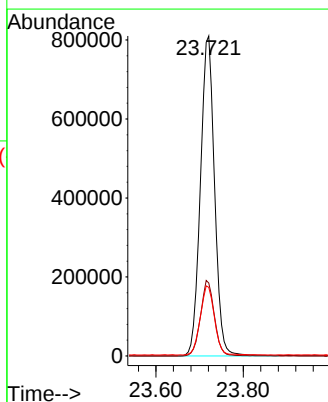
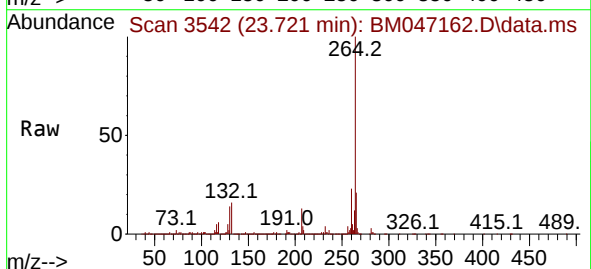
Tgt Ion:264 Resp: 1825646

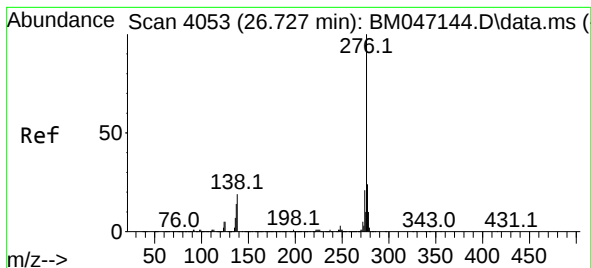
Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.913 ng

RT: 26.697 min Scan# 4053

Delta R.T. -0.030 min

Lab File: BM047162.D

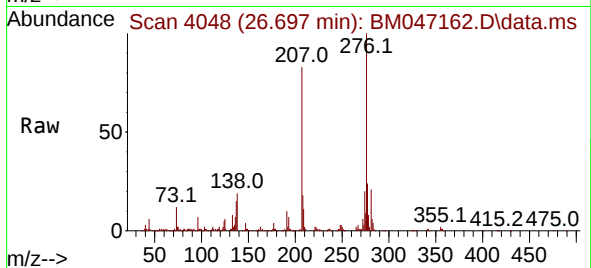
Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



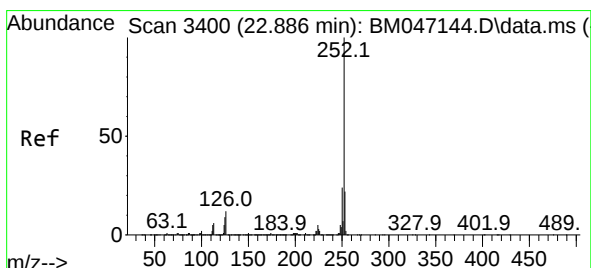
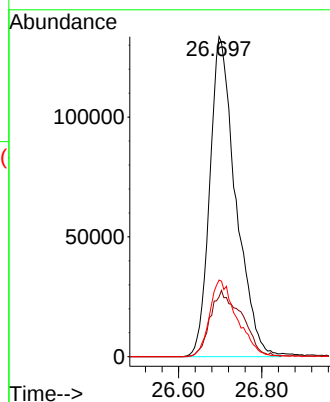
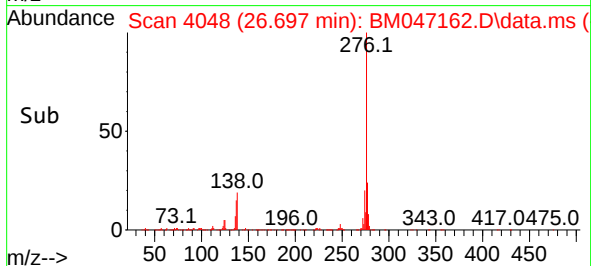
Tgt Ion:	276	Resp:	57981
Ion Ratio	Lower	Upper	
276	100		
138	25.2	19.4	29.0
277	25.3	20.1	30.1

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#88

Benzo(b)fluoranthene

Concen: 5.063 ng

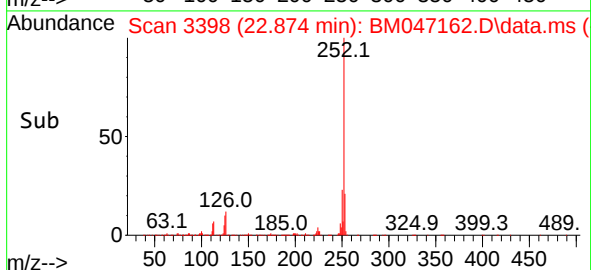
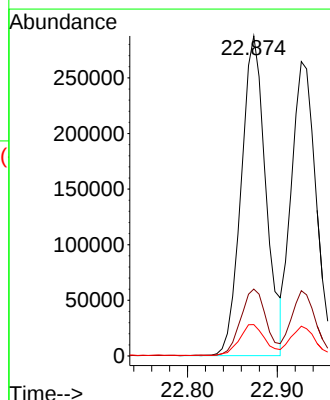
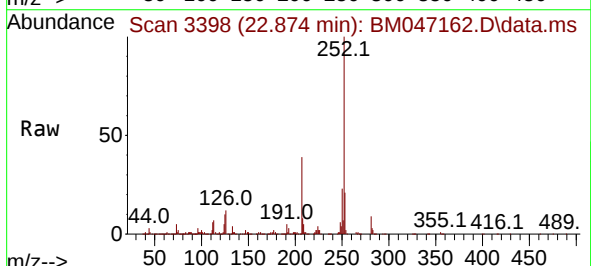
RT: 22.874 min Scan# 3398

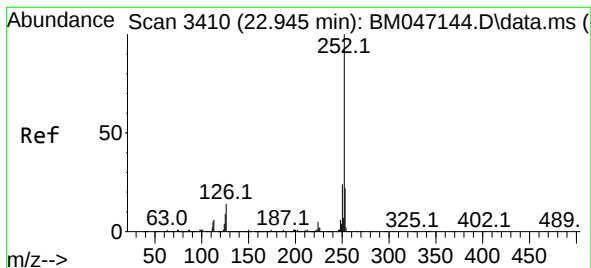
Delta R.T. -0.012 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:	252	Resp:	548963
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.8	26.6
125	9.8	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 4.934 ng

RT: 22.927 min Scan# 3410

Delta R.T. -0.018 min

Lab File: BM047162.D

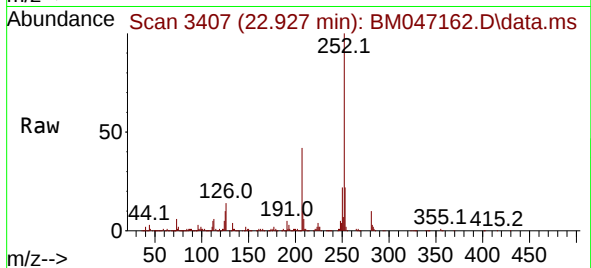
Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:252 Resp: 505240

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

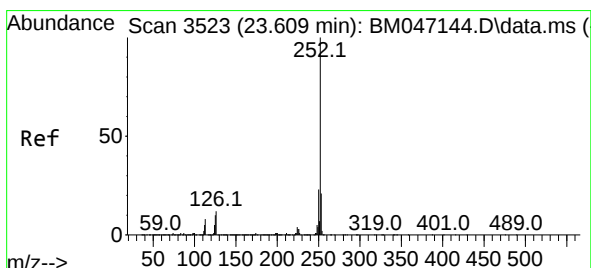
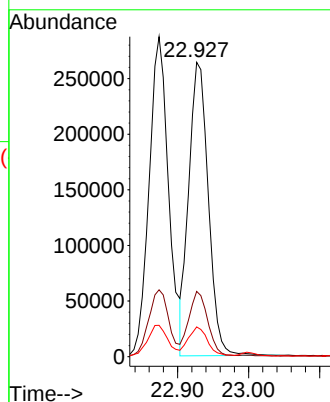
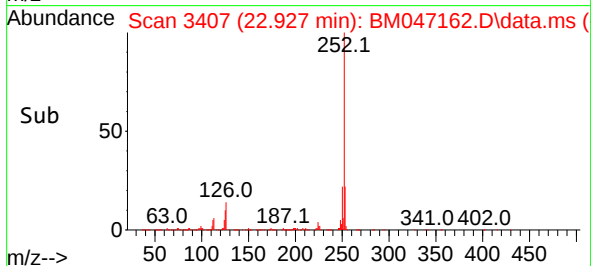
125 10.1 7.4 11.2

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#90

Benzo(a)pyrene

Concen: 4.742 ng

RT: 23.591 min Scan# 3520

Delta R.T. -0.018 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

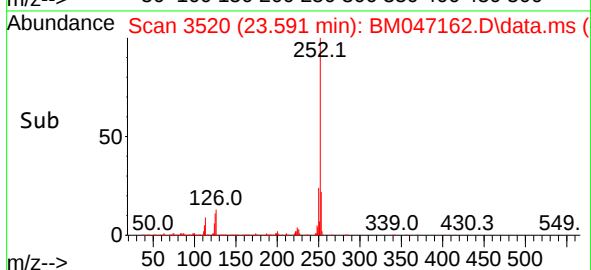
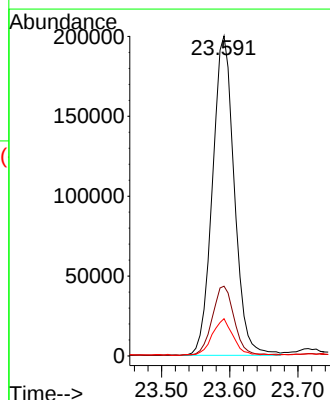
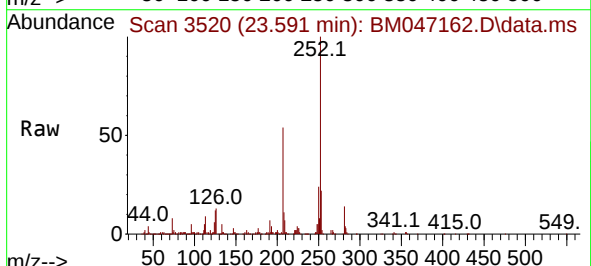
Tgt Ion:252 Resp: 445339

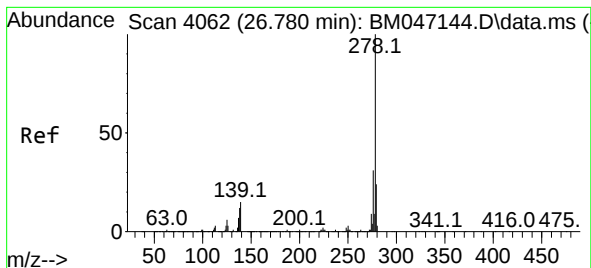
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 11.6 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 5.028 ng

RT: 26.750 min Scan# 4062

Delta R.T. -0.030 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

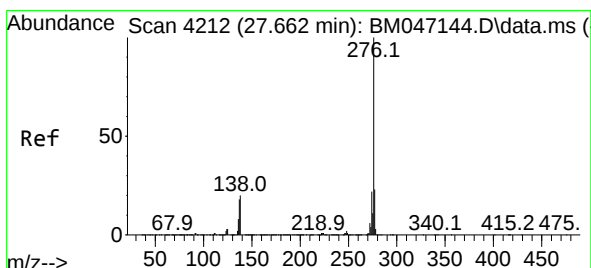
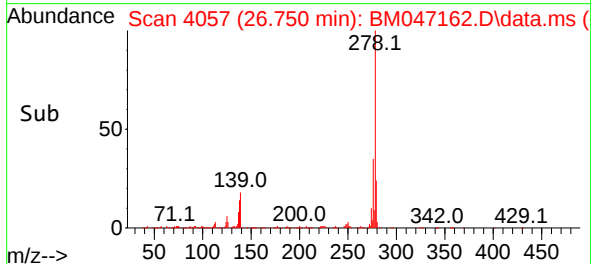
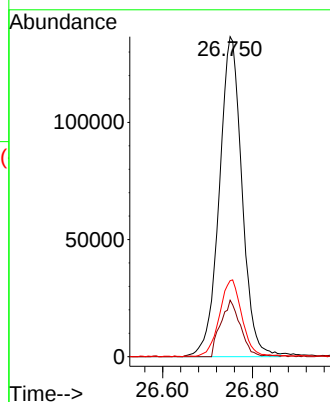
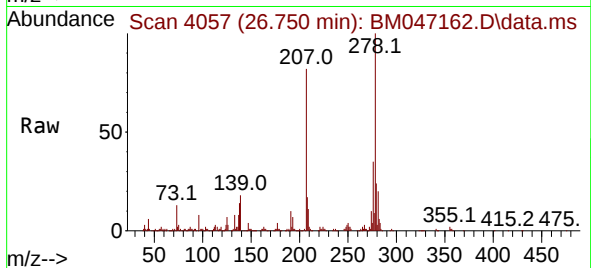
Tgt Ion:	278	Resp:	480134
Ion Ratio	Lower	Upper	
278	100		
139	17.6	12.0	18.0
279	23.8	19.2	28.8

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Supervised By :mohammad ahmed 08/14/2024



#92

Benzo(g,h,i)perylene

Concen: 4.824 ng

RT: 27.626 min Scan# 4206

Delta R.T. -0.035 min

Lab File: BM047162.D

Acq: 12 Aug 2024 19:31

Tgt Ion:	276	Resp:	478310
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.8	28.2
138	20.9	16.2	24.4

