

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047544.D
 Acq On : 17 Sep 2024 15:08
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10 ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 18 02:12:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 02:12:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	398059	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1755772	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1002924	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1913701	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1575110	20.000	ng	0.00
86) Perylene-d12	24.462	264	1514750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2313664	92.545	ng	0.00
7) Phenol-d6	7.004	99	3157434	89.681	ng	0.00
23) Nitrobenzene-d5	8.998	82	2260396	64.430	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	849676	87.648	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	4540346	62.362	ng	0.00
79) Terphenyl-d14	19.827	244	6138179	69.832	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	95983	8.964	ng	99
3) Pyridine	3.722	79	229645	7.205	ng	97
4) n-Nitrosodimethylamine	3.628	42	116507	8.056	ng	# 97
6) Aniline	7.169	93	272564	8.732	ng	99
8) 2-Chlorophenol	7.410	128	202746	7.357	ng	95
9) Benzaldehyde	6.981	77	211329	12.623	ng	97
10) Phenol	7.034	94	260647	7.394	ng	98
11) bis(2-Chloroethyl)ether	7.269	93	216786	7.660	ng	98
12) 1,3-Dichlorobenzene	7.740	146	216181	7.166	ng	98
13) 1,4-Dichlorobenzene	7.881	146	218882	7.124	ng	99
14) 1,2-Dichlorobenzene	8.198	146	213544	7.062	ng	99
15) Benzyl Alcohol	8.081	79	172313	7.225	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	324290	8.146	ng	98
17) 2-Methylphenol	8.281	107	154727	6.870	ng	97
18) Hexachloroethane	8.934	117	90621	7.383	ng	96
19) n-Nitroso-di-n-propyla...	8.651	70	171994	7.246	ng	97
20) 3+4-Methylphenols	8.604	107	203762	6.484	ng	98
22) Acetophenone	8.663	105	333846	7.232	ng	# 97
24) Nitrobenzene	9.040	77	262461	7.280	ng	96
25) Isophorone	9.569	82	446878	7.245	ng	98
26) 2-Nitrophenol	9.751	139	71648	5.832	ng	95
27) 2,4-Dimethylphenol	9.810	122	97887	5.256	ng	100
28) bis(2-Chloroethoxy)met...	10.051	93	275892	7.121	ng	99
29) 2,4-Dichlorophenol	10.287	162	152871	6.461	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	175003	6.457	ng	99
31) Naphthalene	10.692	128	644522	6.797	ng	99
32) Benzoic acid	9.892	122	130300	7.945	ng	98
33) 4-Chloroaniline	10.792	127	246093	7.178	ng	98
34) Hexachlorobutadiene	10.986	225	95664	6.373	ng	99
35) Caprolactam	11.545	113	50353m	6.462	ng	
36) 4-Chloro-3-methylphenol	11.916	107	172221	6.352	ng	99
37) 2-Methylnaphthalene	12.304	142	411112	6.514	ng	99
38) 1-Methylnaphthalene	12.522	142	384644	6.133	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	179262	6.605	ng	98
41) Hexachlorocyclopentadiene	12.657	237	98500	11.103	ng	97
43) 2,4,6-Trichlorophenol	12.910	196	102020	6.000	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	116670	6.075	ng	96
46) 1,1'-Biphenyl	13.316	154	542743	6.955	ng	100
47) 2-Chloronaphthalene	13.351	162	400311	6.607	ng	99
48) 2-Nitroaniline	13.545	65	112965	6.348	ng	91
49) Acenaphthylene	14.198	152	621288	7.106	ng	98
50) Dimethylphthalate	13.933	163	464874	6.801	ng	99
51) 2,6-Dinitrotoluene	14.039	165	87473	6.062	ng	86
52) Acenaphthene	14.539	154	389839	6.363	ng	98
53) 3-Nitroaniline	14.369	138	101279	6.314	ng	94
54) 2,4-Dinitrophenol	14.569	184	30296	8.153	ng	85
55) Dibenzofuran	14.874	168	577369	6.707	ng	97
56) 4-Nitrophenol	14.669	139	79457	6.020	ng	94
57) 2,4-Dinitrotoluene	14.827	165	111913	5.815	ng	# 94
58) Fluorene	15.521	166	471241	6.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	92014	6.145	ng	93
60) Diethylphthalate	15.298	149	481899	6.624	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	207171	5.846	ng	93
62) 4-Nitroaniline	15.521	138	105241	5.582	ng	86
63) Azobenzene	15.810	77	588487	7.346	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	54520	11.930	ng	93
66) n-Nitrosodiphenylamine	15.727	169	373493	6.380	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	109670	5.898	ng	93
68) Hexachlorobenzene	16.521	284	126751	6.017	ng	# 88
69) Atrazine	16.674	200	105838	6.541	ng	98
70) Pentachlorophenol	16.863	266	124346	10.183	ng	98
71) Phenanthrene	17.257	178	681302	6.460	ng	99
72) Anthracene	17.345	178	630826	6.226	ng	99
73) Carbazole	17.610	167	626848	6.243	ng	100
74) Di-n-butylphthalate	18.180	149	747408	6.221	ng	99
75) Fluoranthene	19.262	202	671938	5.839	ng	97
77) Benzidine	19.445	184	195593	8.817	ng	99
78) Pyrene	19.621	202	714367	6.218	ng	99
80) Butylbenzylphthalate	20.521	149	259617	5.870	ng	92
81) Benzo(a)anthracene	21.421	228	707976	6.896	ng	98
82) 3,3'-Dichlorobenzidine	21.339	252	183333	6.713	ng	# 96
83) Chrysene	21.480	228	661060	6.807	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	436916	6.306	ng	# 97
85) Di-n-octyl phthalate	22.497	149	625378	6.381	ng	97
87) Indeno(1,2,3-cd)pyrene	27.874	276	662895	7.313	ng	97
88) Benzo(b)fluoranthene	23.503	252	613997m	6.265	ng	
89) Benzo(k)fluoranthene	23.568	252	637133	6.559	ng	98
90) Benzo(a)pyrene	24.321	252	541799	6.745	ng	97
91) Dibenzo(a,h)anthracene	27.938	278	538254	7.057	ng	98
92) Benzo(g,h,i)perylene	28.932	276	512853	6.884	ng	98

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

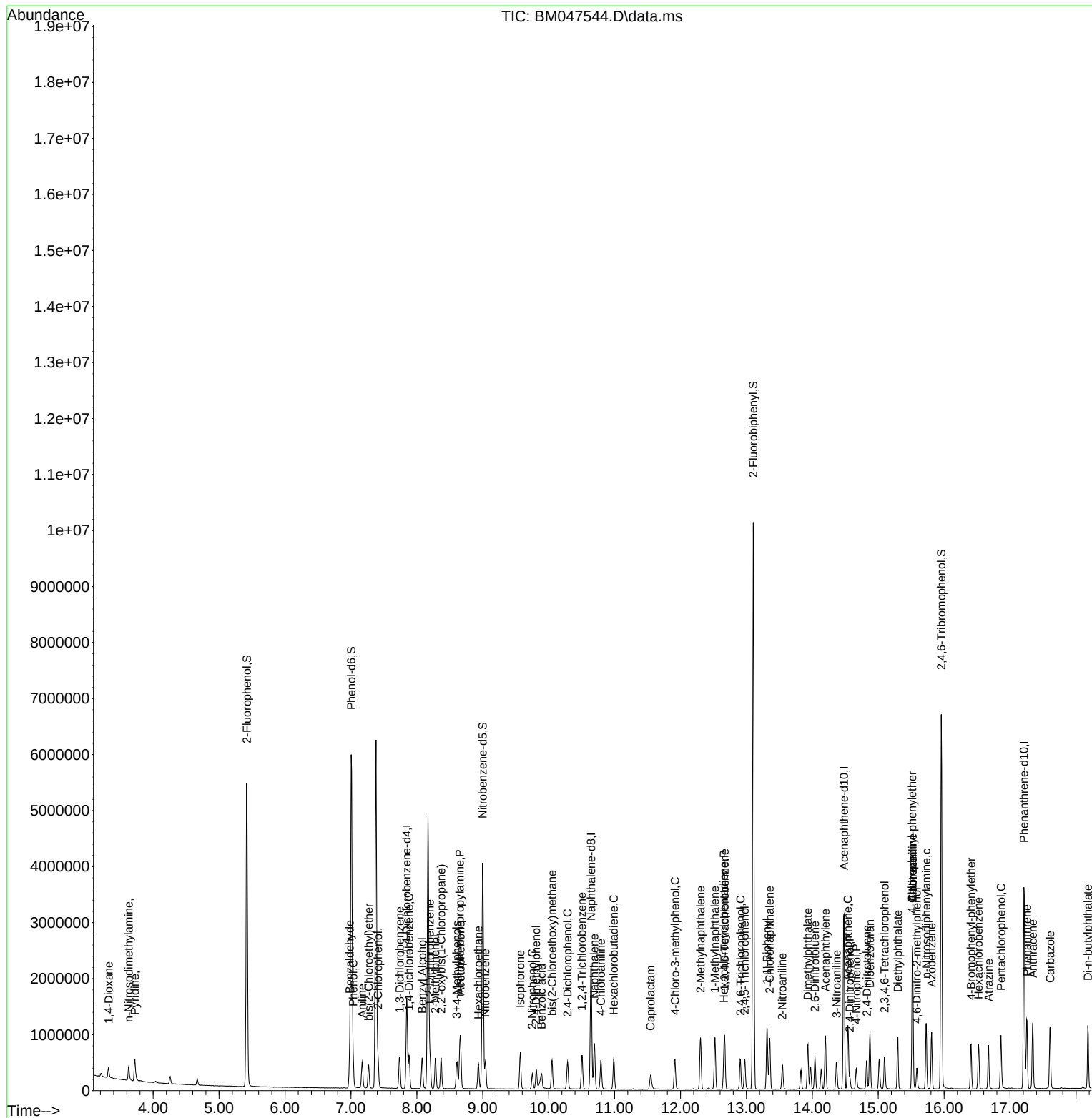
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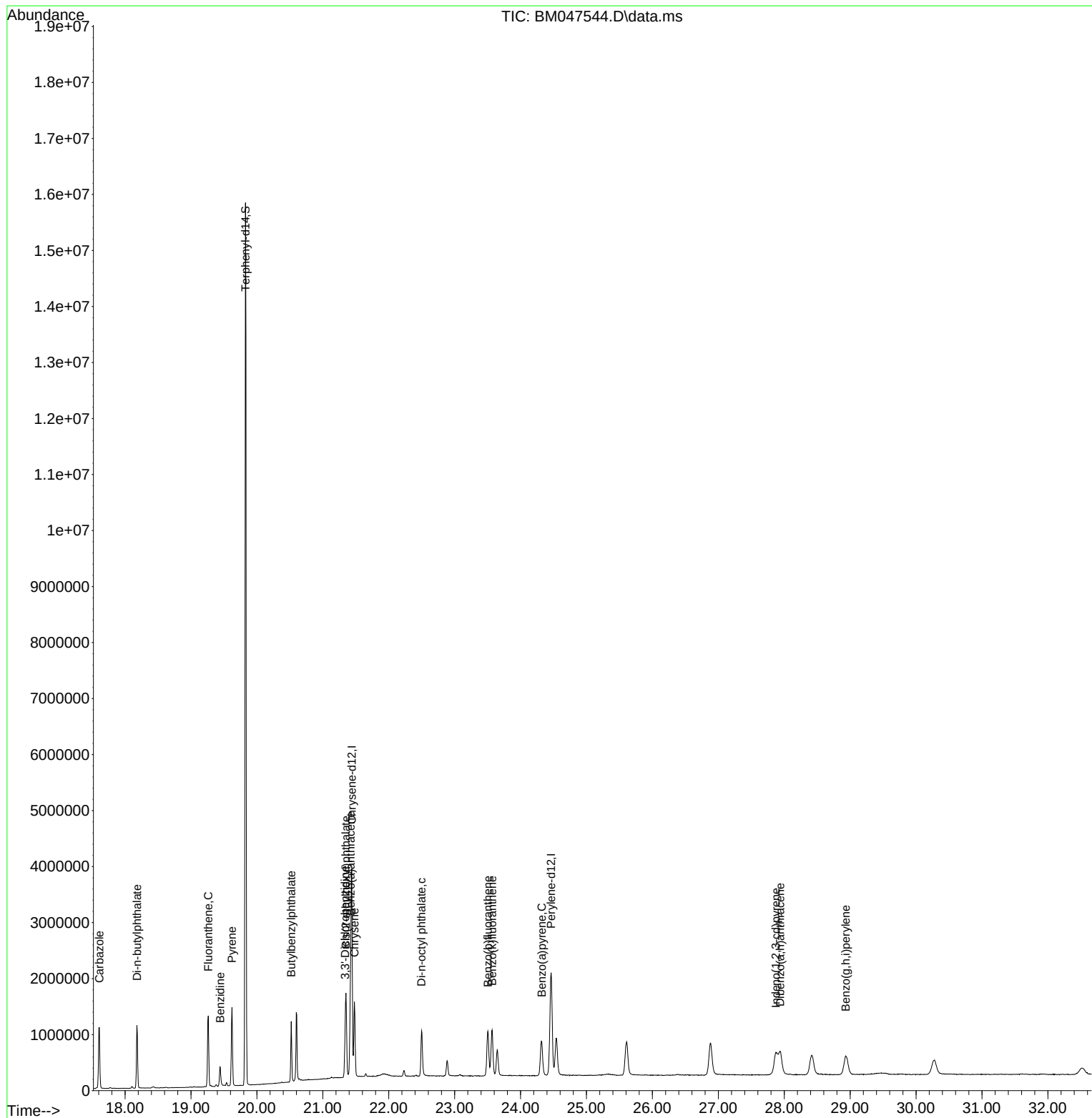
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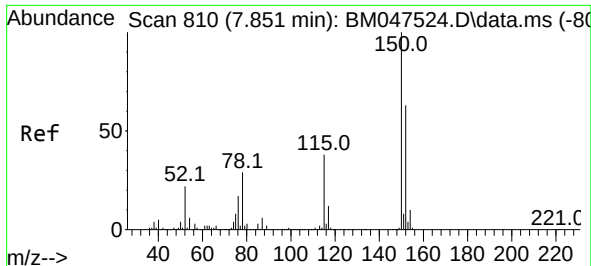
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ClientSampleId :
LOQ-WATER-02-QT2-2024

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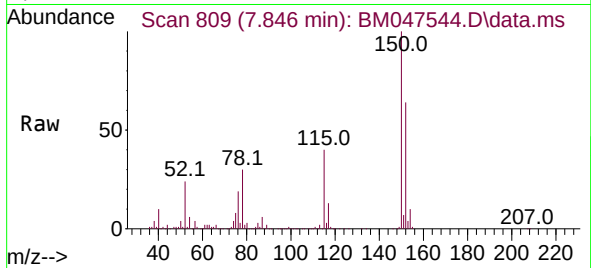
Reviewed By :Jagrut Upadhyay 09/18/2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

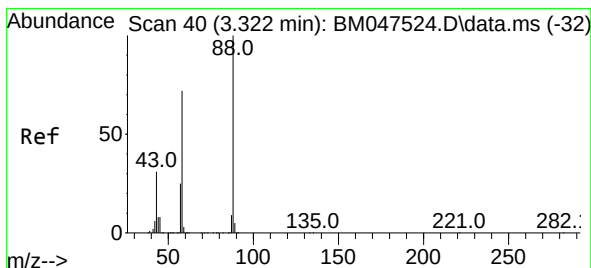
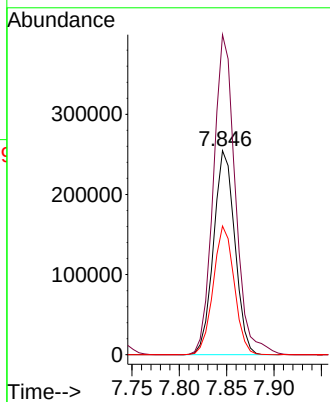
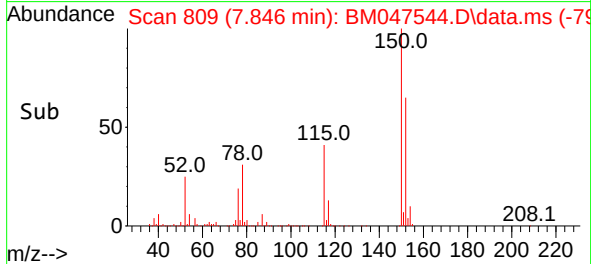
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:152 Resp: 398059
Ion Ratio Lower Upper
152 100
150 156.8 126.8 190.2
115 63.0 47.8 71.8

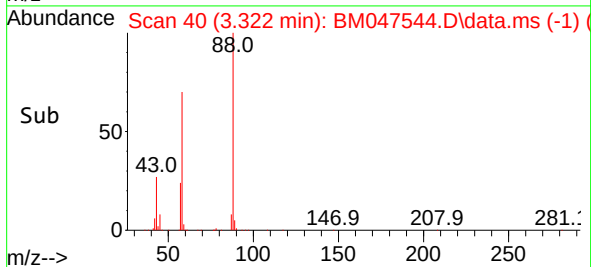
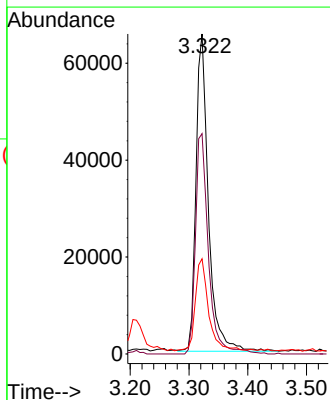
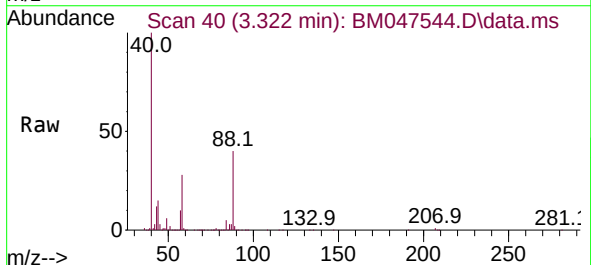
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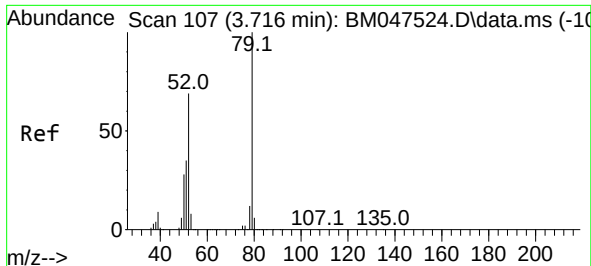
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#2
1,4-Dioxane
Concen: 8.964 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 88 Resp: 95983
Ion Ratio Lower Upper
88 100
58 72.7 59.0 88.6
43 30.7 25.0 37.4





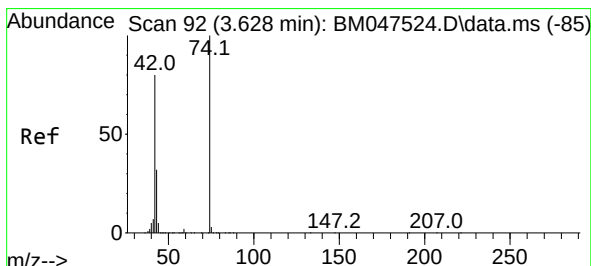
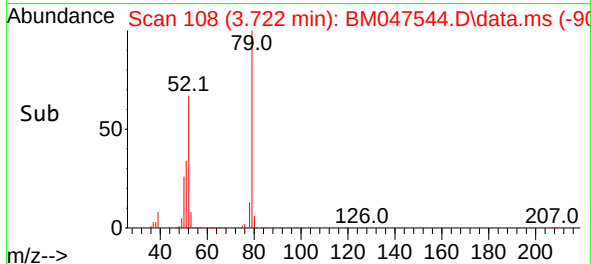
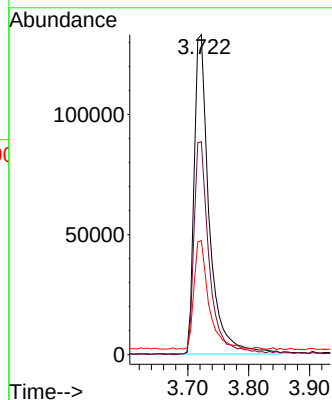
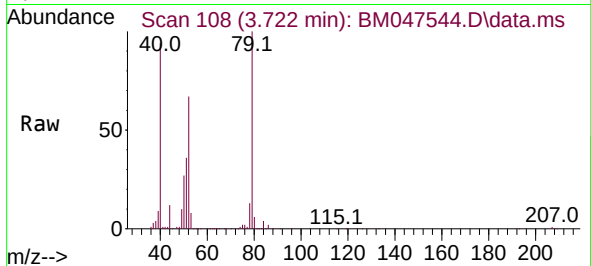
#3
Pyridine
Concen: 7.205 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 79 Resp: 22964
Ion Ratio Lower Upper
79 100
52 66.5 55.4 83.0
51 35.6 27.9 41.9

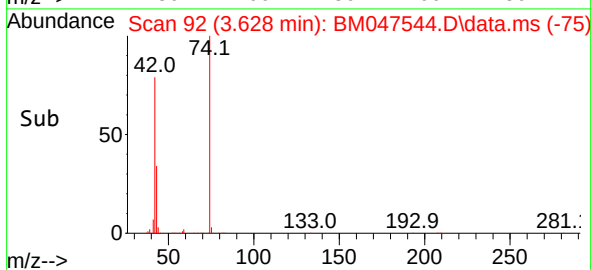
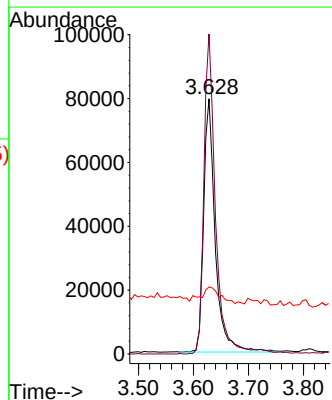
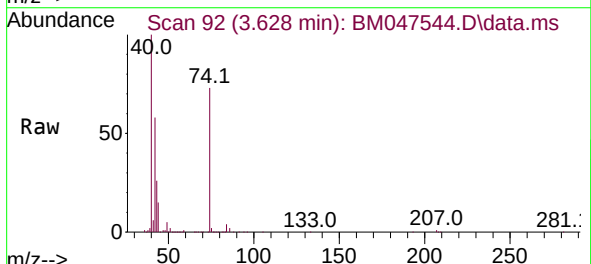
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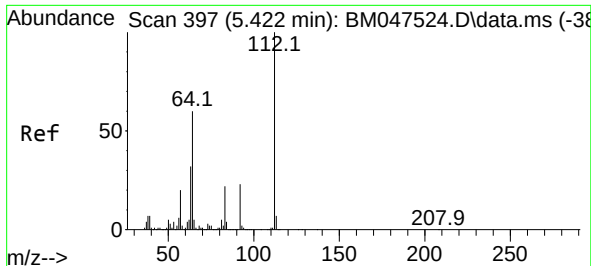
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#4
n-Nitrosodimethylamine
Concen: 8.056 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

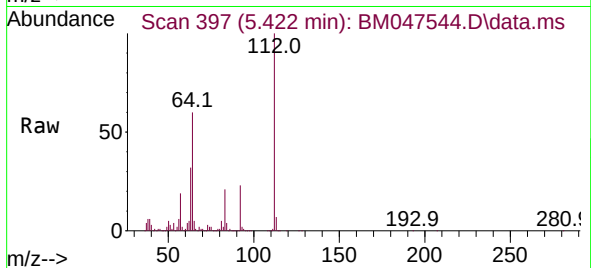
Tgt Ion: 42 Resp: 116507
Ion Ratio Lower Upper
42 100
74 125.4 100.5 150.7
44 26.2 6.9 10.3





#5
2-Fluorophenol
Concen: 92.545 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

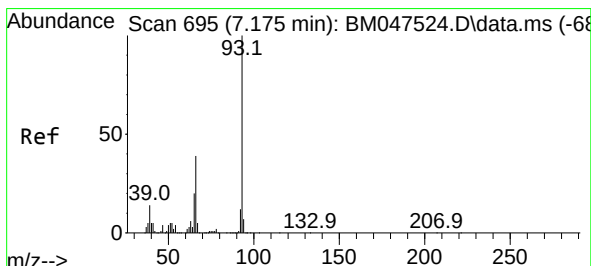
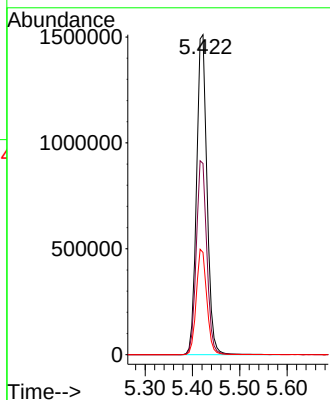
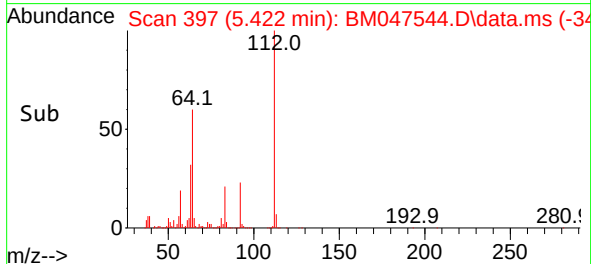
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 231366
Ion Ratio Lower Upper
112 100
64 59.8 48.2 72.4
63 31.9 26.0 39.0

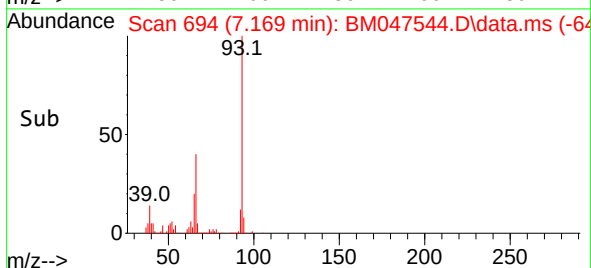
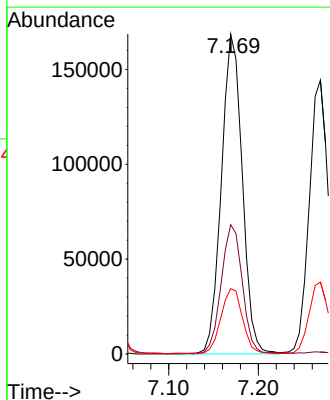
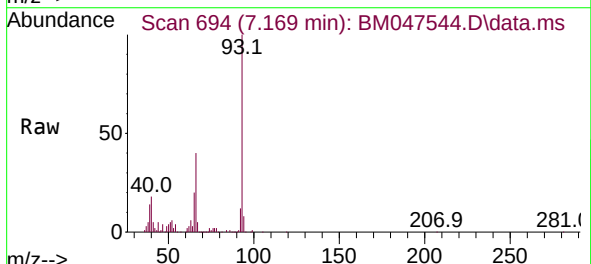
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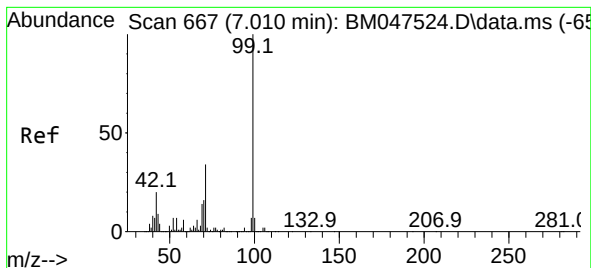
Reviewed By :Jagrut Upadhyay 09/18/2024
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#6
Aniline
Concen: 8.732 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 93 Resp: 272564
Ion Ratio Lower Upper
93 100
66 40.4 31.4 47.0
65 20.4 16.3 24.5





#7

Phenol-d6

Concen: 89.681 ng

RT: 7.004 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM047544.D

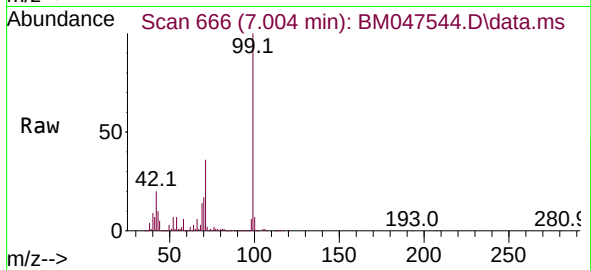
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 99 Resp: 315743

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.8

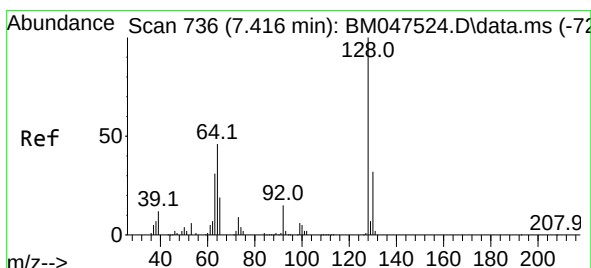
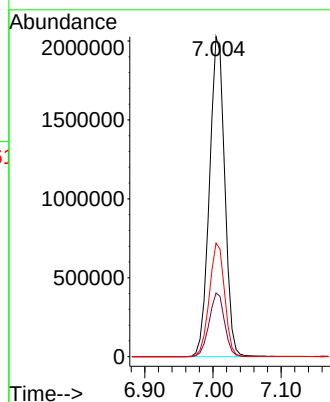
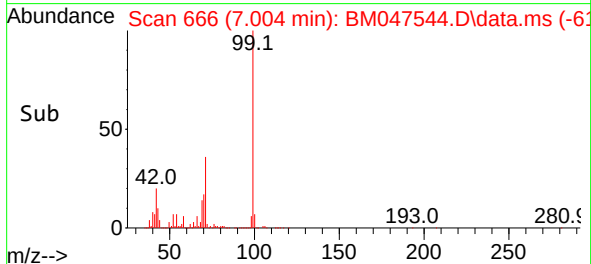
71 35.5 27.6 41.4

Manual Integrations

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Supervised By :mohammad ahmed 09/19/2024



#8

2-Chlorophenol

Concen: 7.357 ng

RT: 7.410 min Scan# 735

Delta R.T. -0.006 min

Lab File: BM047544.D

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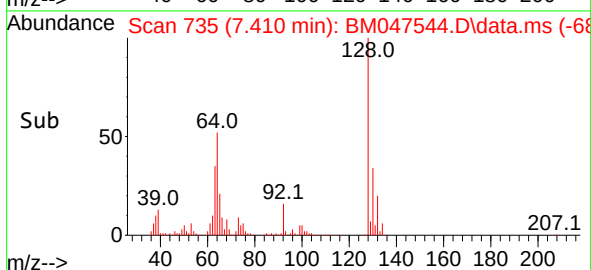
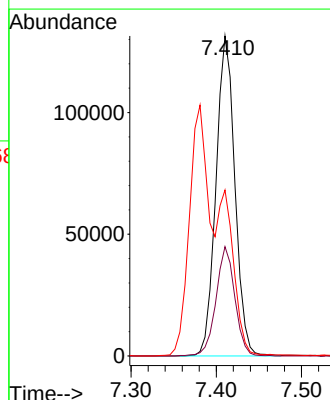
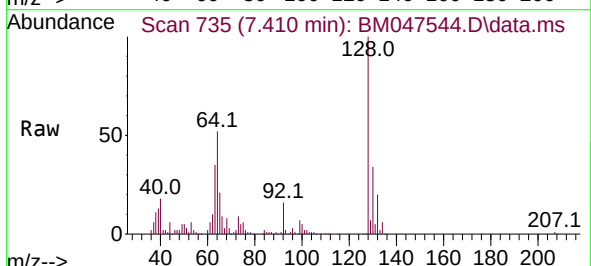
Tgt Ion:128 Resp: 202746

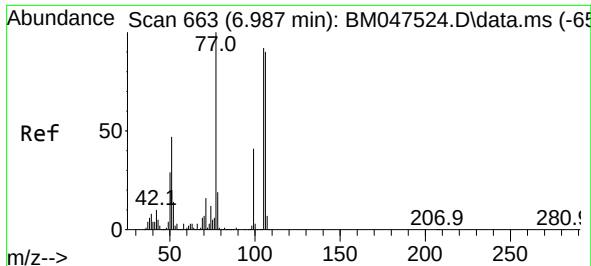
Ion Ratio Lower Upper

128 100

130 34.1 11.8 51.8

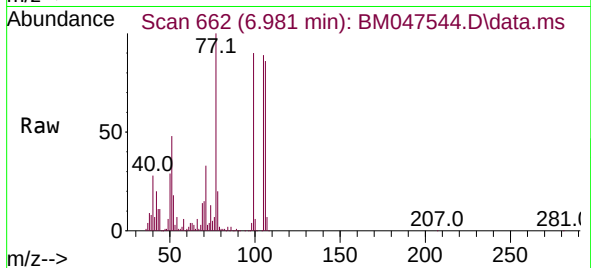
64 51.9 27.6 67.6





#9
Benzaldehyde
Concen: 12.623 ng
RT: 6.981 min Scan# 663
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

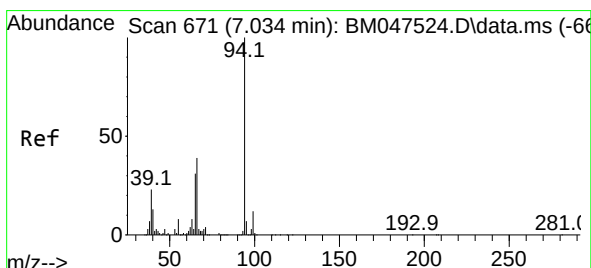
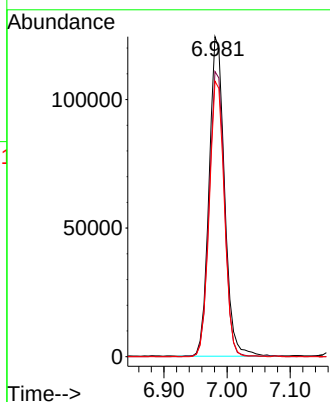
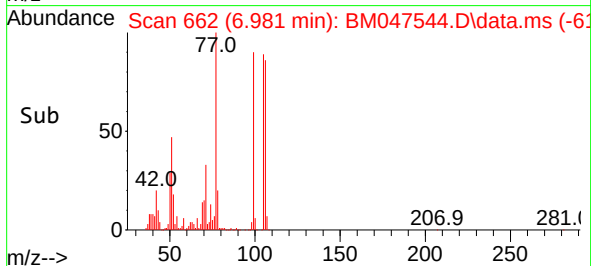
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 77 Resp: 211329
Ion Ratio Lower Upper
77 100
105 89.1 71.8 111.8
106 86.1 69.7 109.7

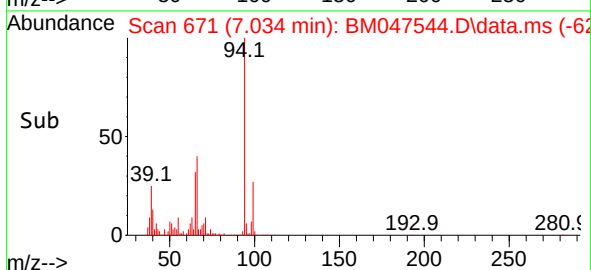
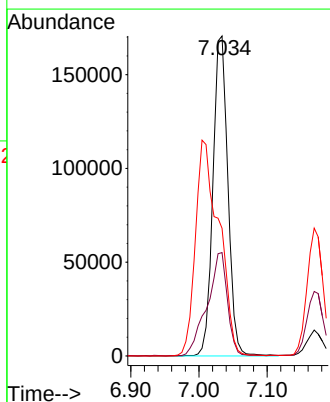
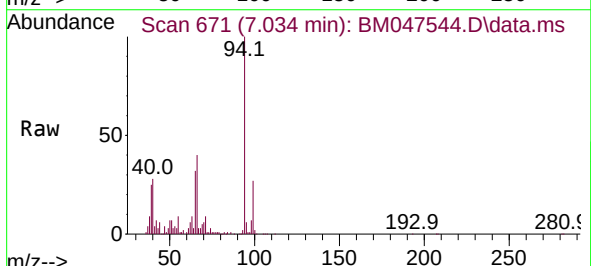
Manual Integrations
APPROVED

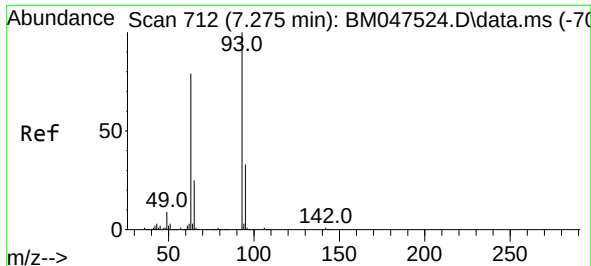
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#10
Phenol
Concen: 7.394 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 94 Resp: 260647
Ion Ratio Lower Upper
94 100
65 32.3 10.8 50.8
66 39.9 19.2 59.2





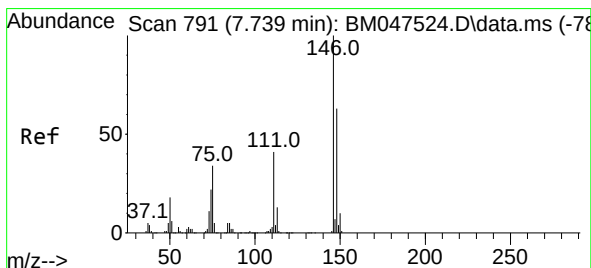
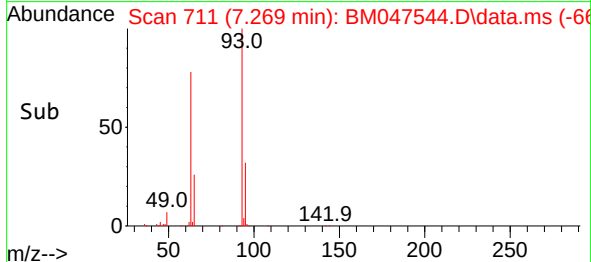
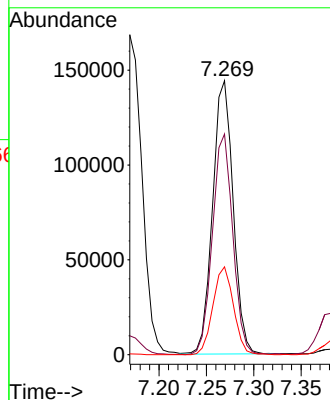
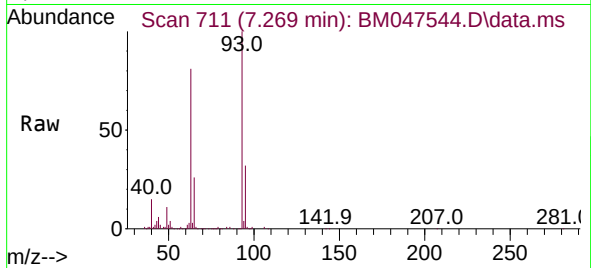
#11
bis(2-Chloroethyl)ether
Concen: 7.660 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 93 Resp: 216780
Ion Ratio Lower Upper
93 100
63 80.5 58.2 98.2
95 32.1 12.8 52.8

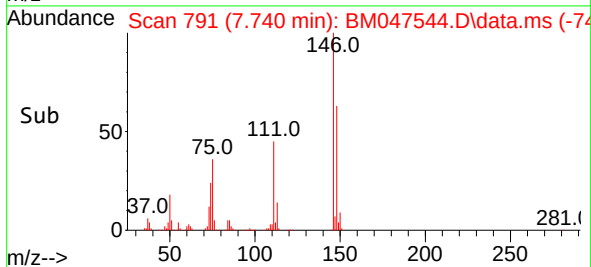
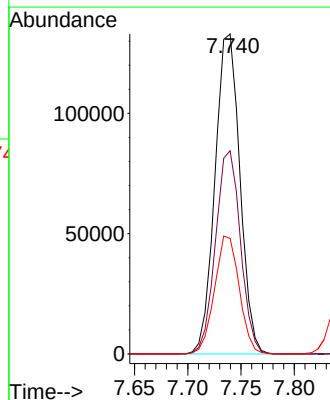
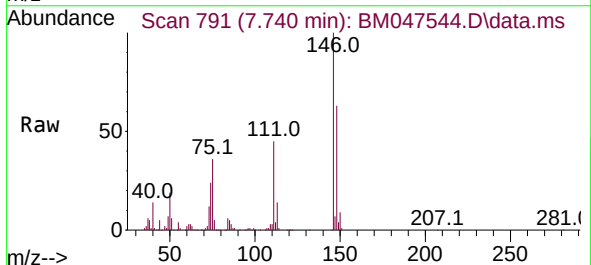
Manual Integrations
APPROVED

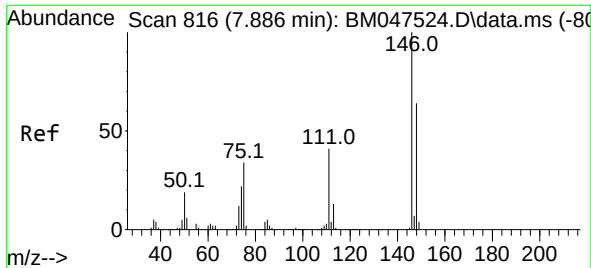
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#12
1,3-Dichlorobenzene
Concen: 7.166 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:146 Resp: 216181
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 36.1 27.4 41.0





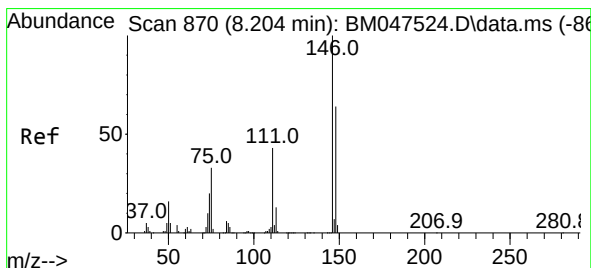
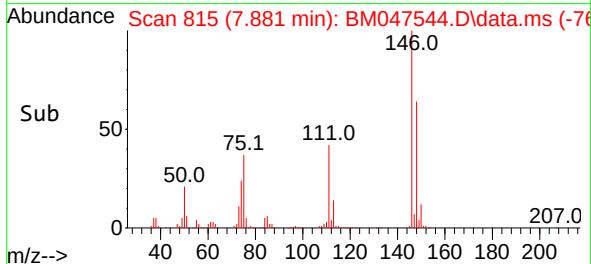
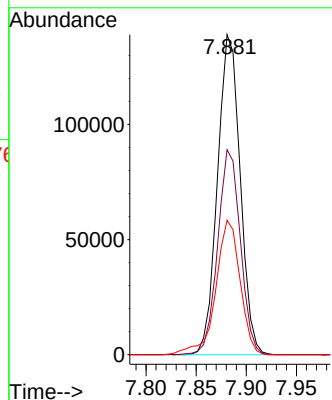
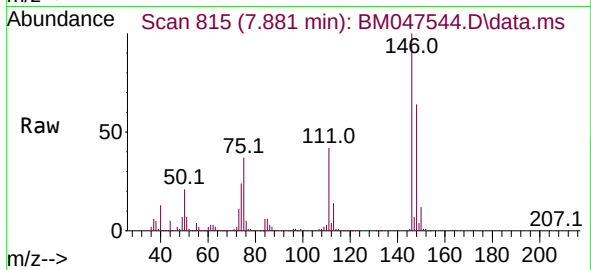
#13
1,4-Dichlorobenzene
Concen: 7.124 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:146 Resp: 21888
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
111 42.0 32.9 49.3

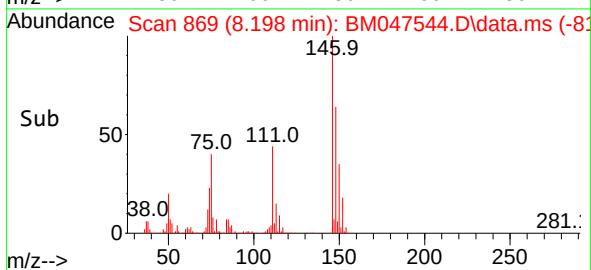
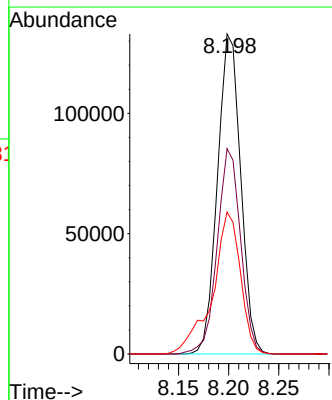
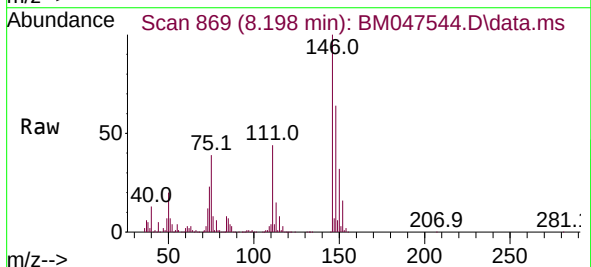
Manual Integrations
APPROVED

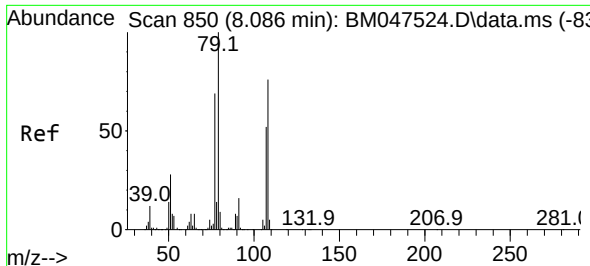
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#14
1,2-Dichlorobenzene
Concen: 7.062 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

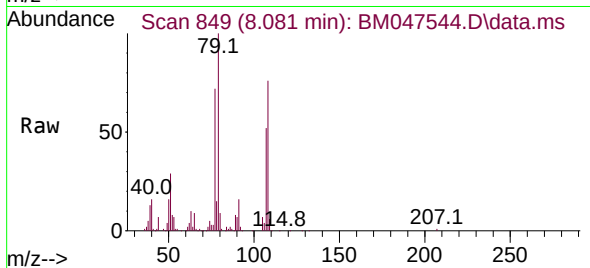
Tgt Ion:146 Resp: 213544
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 44.3 34.7 52.1





#15
Benzyl Alcohol
Concen: 7.225 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

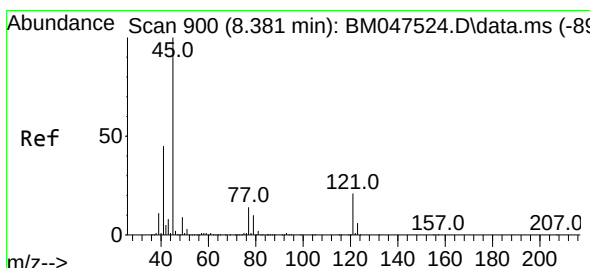
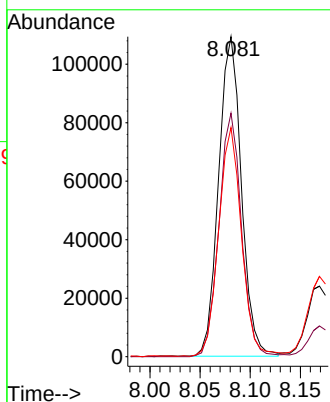
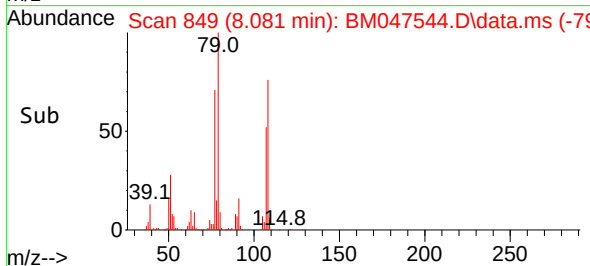
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 17231
Ion Ratio Lower Upper
79 100
108 76.1 60.6 91.0
77 71.6 55.0 82.4

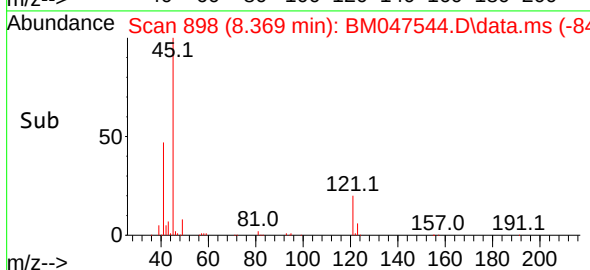
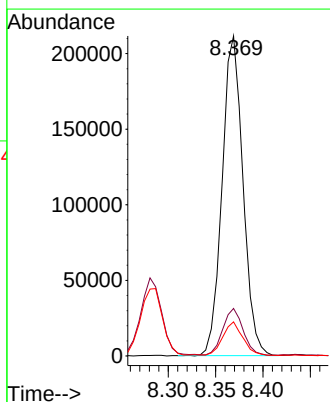
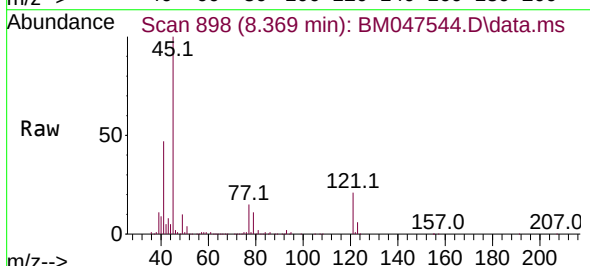
Manual Integrations
APPROVED

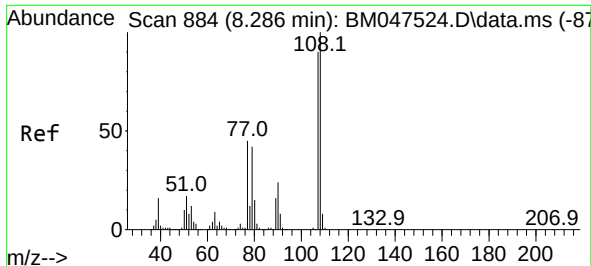
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.146 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion: 45 Resp: 324290
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.7
79 10.6 0.0 30.3





#17

2-Methylphenol

Concen: 6.870 ng

RT: 8.281 min Scan# 884

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

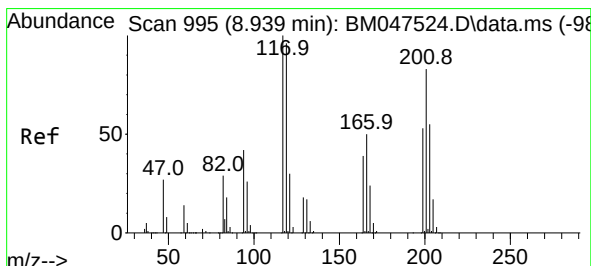
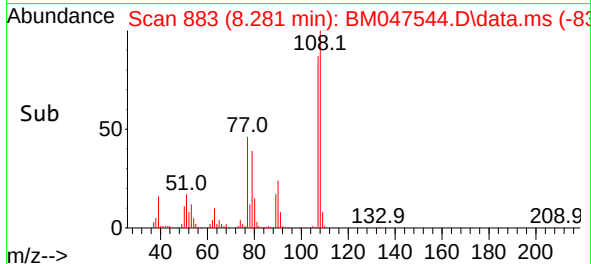
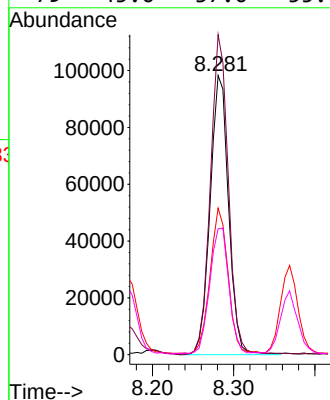
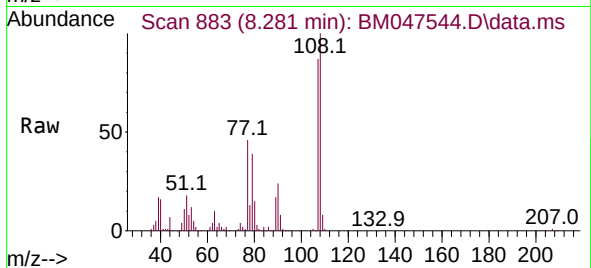
LOQ-WATER-02-QT2-2024

Tgt Ion:	107	Resp:	15472
Ion Ratio	Lower	Upper	
107	100		
108	114.6	88.9	133.3
77	52.5	39.8	59.8
79	45.0	37.0	55.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#18

Hexachloroethane

Concen: 7.383 ng

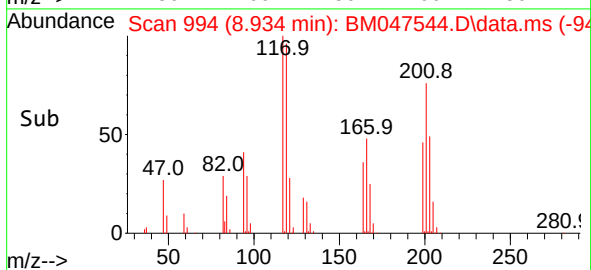
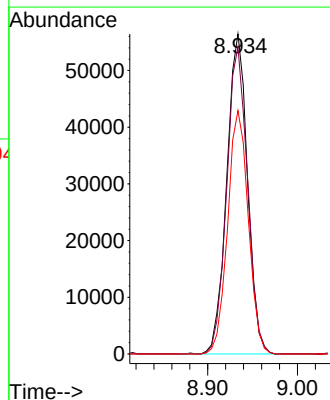
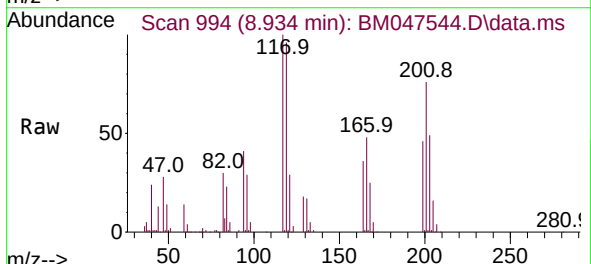
RT: 8.934 min Scan# 994

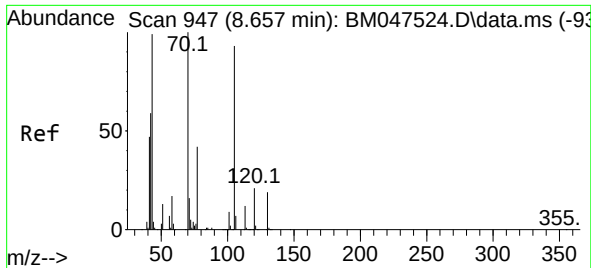
Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

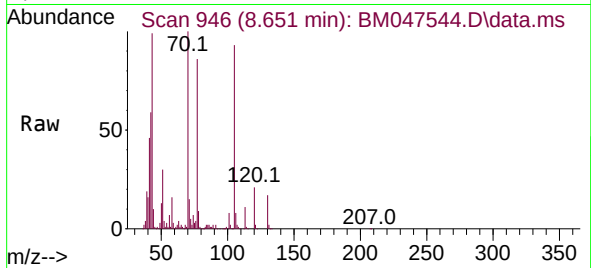
Tgt Ion:	117	Resp:	90621
Ion Ratio	Lower	Upper	
117	100		
119	95.9	77.0	115.4
201	76.0	66.8	100.2





#19
n-Nitroso-di-n-propylamine
Concen: 7.246 ng
RT: 8.651 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

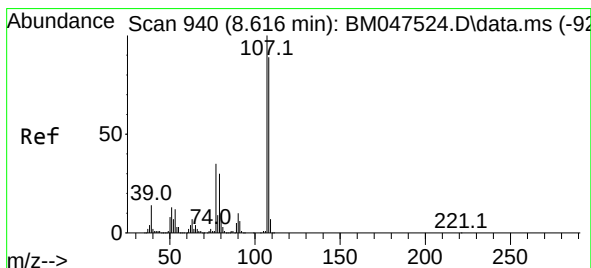
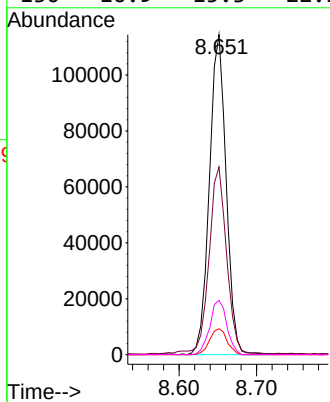
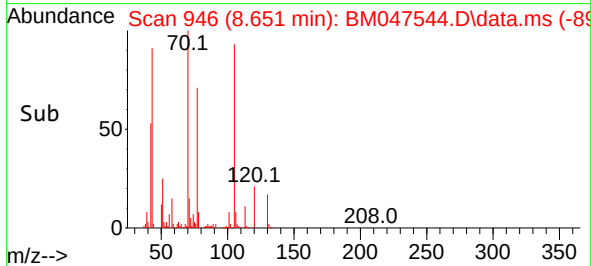
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:	70	Resp:	171994
Ion Ratio	100	Lower	Upper
70	100		
42	58.6	48.2	72.2
101	8.1	7.0	10.4
130	16.9	15.3	22.9

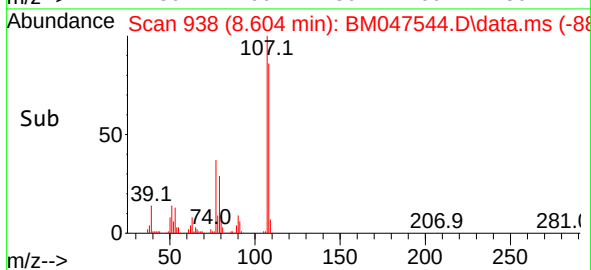
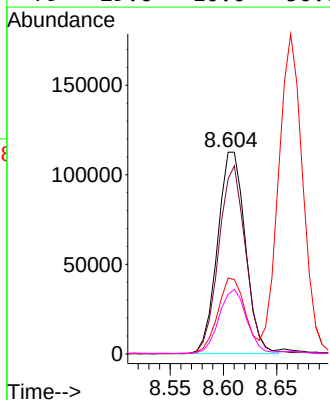
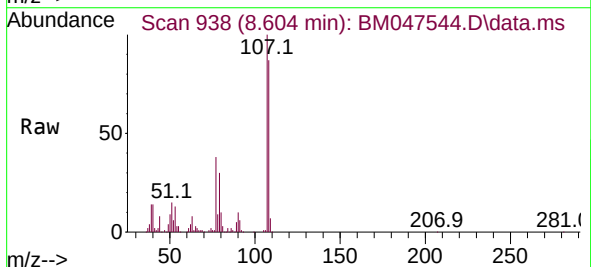
Manual Integrations
APPROVED

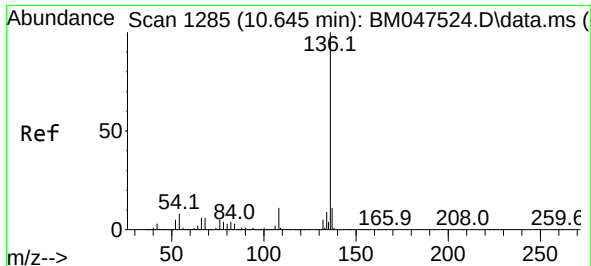
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#20
3+4-Methylphenols
Concen: 6.484 ng
RT: 8.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

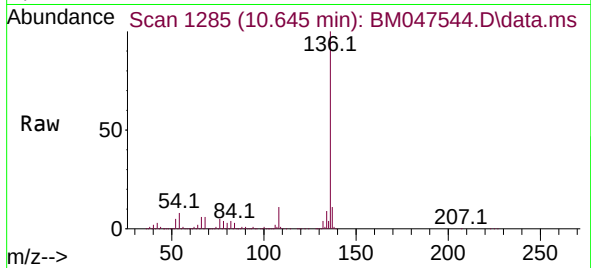
Tgt Ion:	107	Resp:	203762
Ion Ratio	100	Lower	Upper
107	100		
108	86.8	68.9	108.9
77	37.7	15.5	55.5
79	29.6	10.0	50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

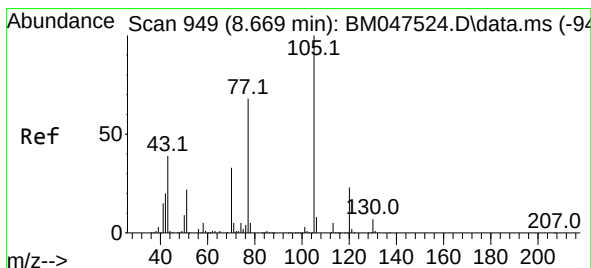
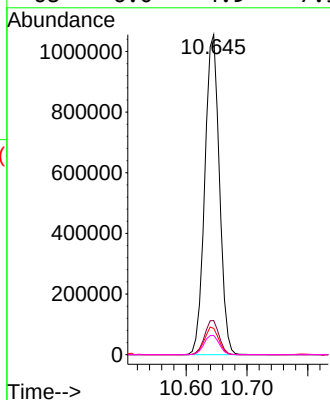
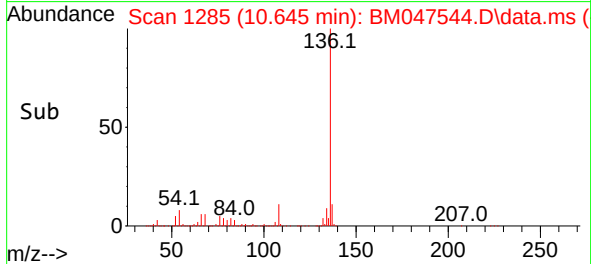
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:136 Resp: 1755772
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 8.2 6.6 9.8
68 6.0 4.9 7.3

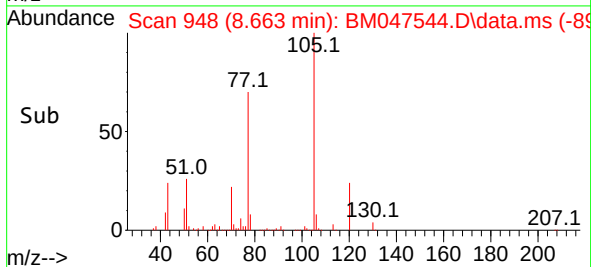
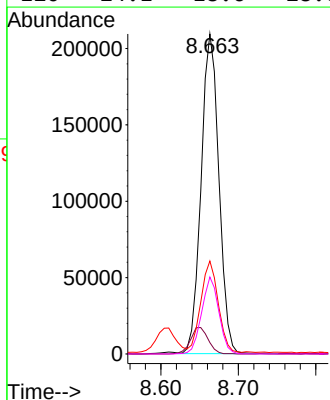
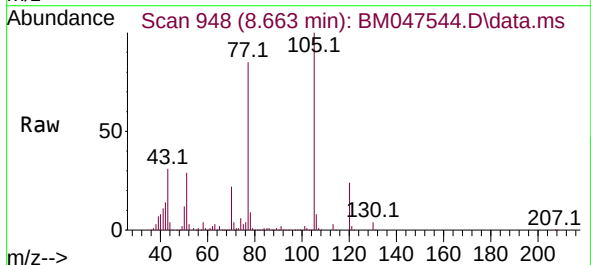
Manual Integrations
APPROVED

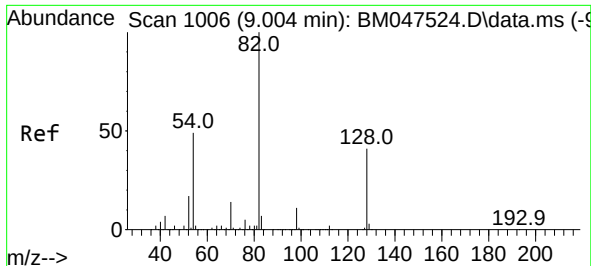
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#22
Acetophenone
Concen: 7.232 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:105 Resp: 333846
Ion Ratio Lower Upper
105 100
71 3.6 4.3 6.5#
51 29.0 21.5 32.3
120 24.1 18.6 28.0





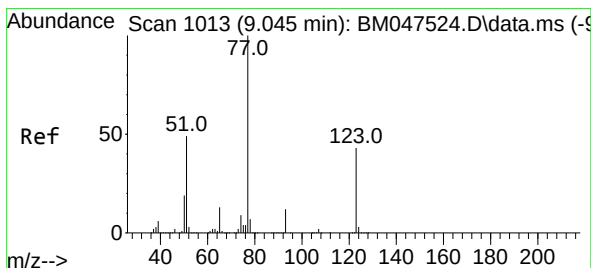
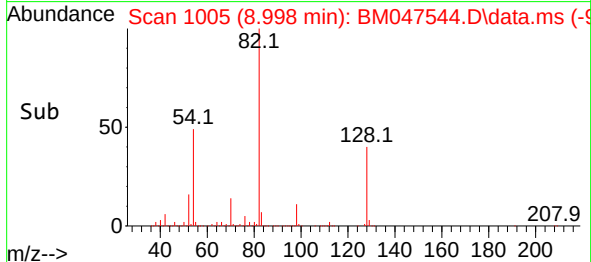
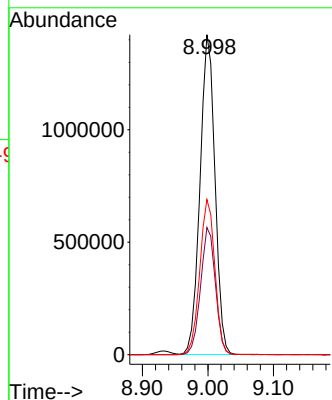
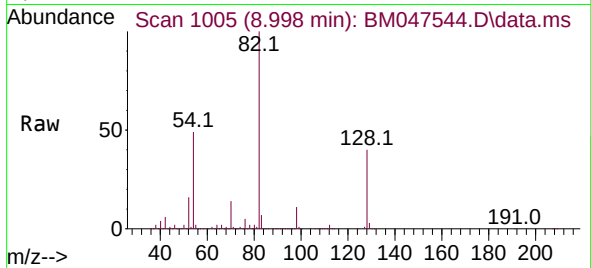
#23
Nitrobenzene-d5
Concen: 64.430 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 82 Resp: 2260390
Ion Ratio Lower Upper
82 100
128 39.7 33.0 49.4
54 48.5 39.3 58.9

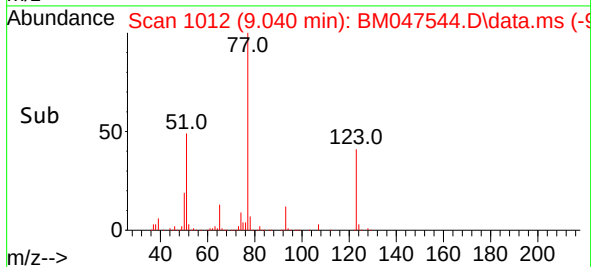
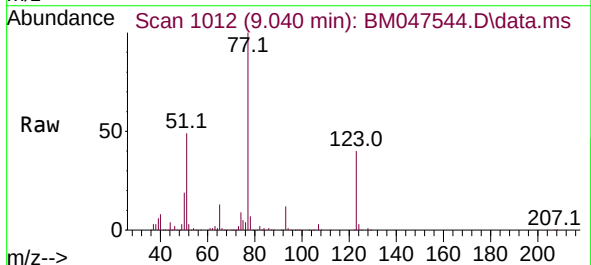
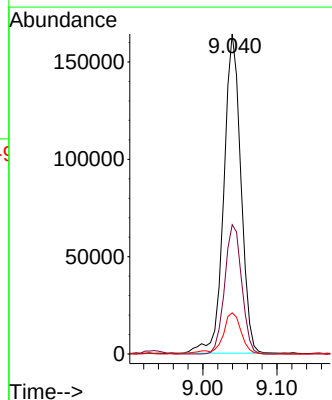
Manual Integrations
APPROVED

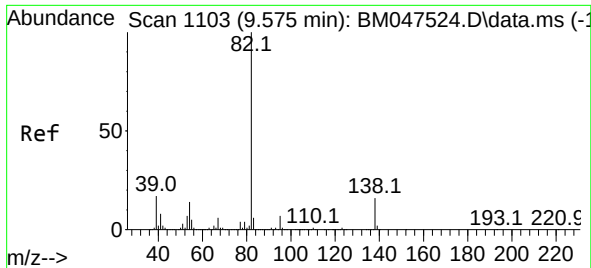
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#24
Nitrobenzene
Concen: 7.280 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

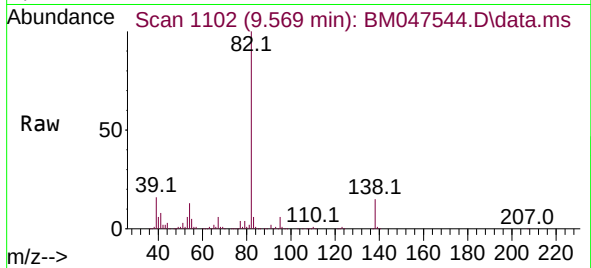
Tgt Ion: 77 Resp: 262461
Ion Ratio Lower Upper
77 100
123 40.4 34.5 51.7
65 12.8 10.7 16.1





#25
Isophorone
Concen: 7.245 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

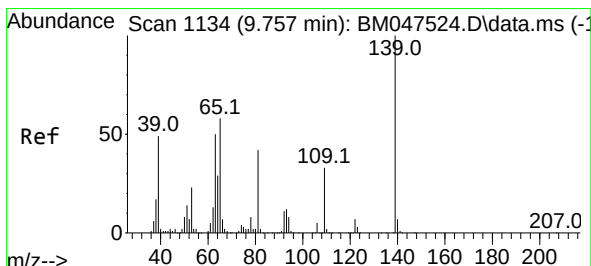
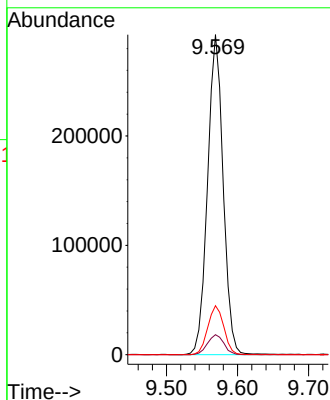
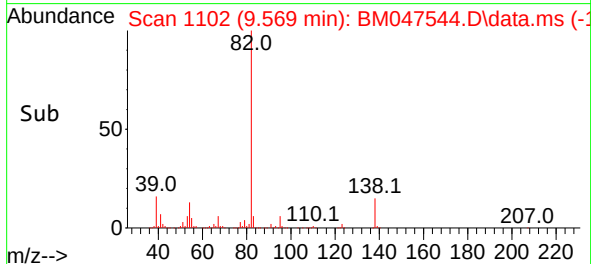
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 446878
Ion Ratio Lower Upper
82 100
95 6.2 5.4 8.0
138 15.3 12.9 19.3

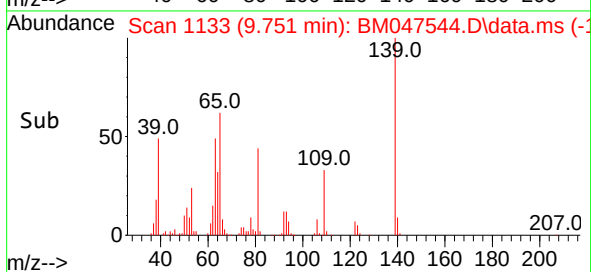
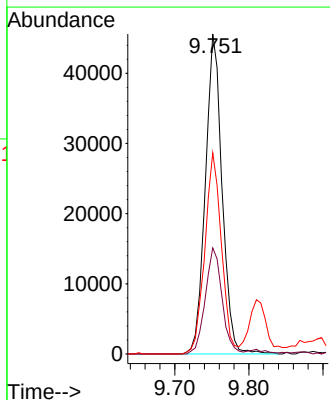
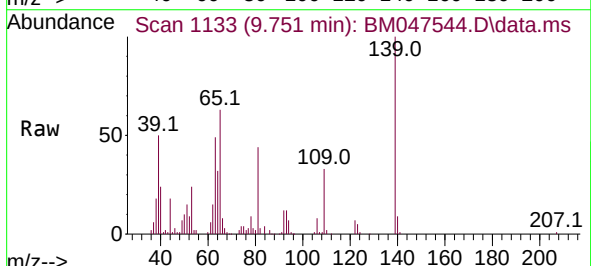
Manual Integrations
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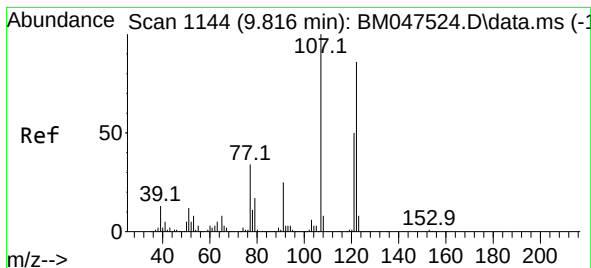
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#26
2-Nitrophenol
Concen: 5.832 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:139 Resp: 71648
Ion Ratio Lower Upper
139 100
109 33.2 26.0 39.0
65 62.8 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 5.256 ng

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

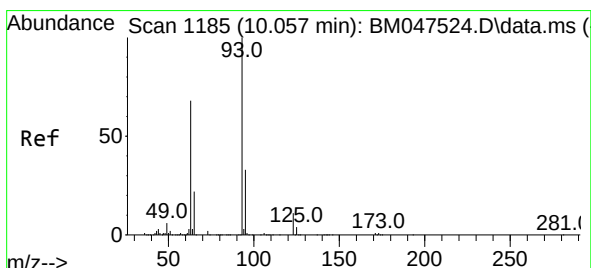
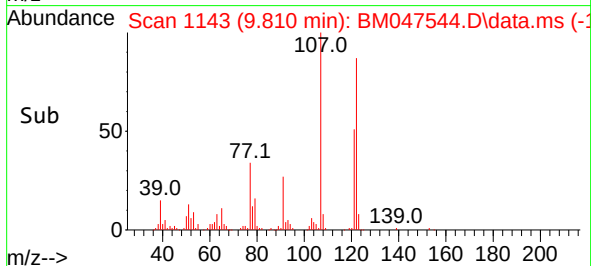
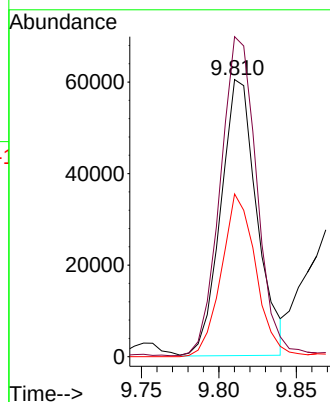
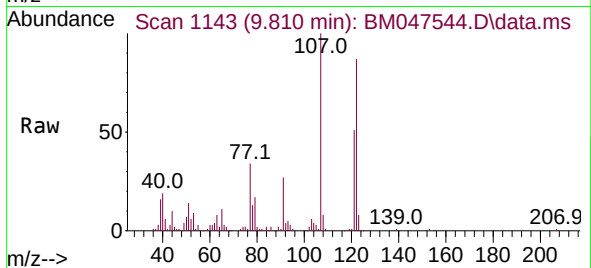
LOQ-WATER-02-QT2-2024

Tgt Ion:	122	Resp:	9788
Ion Ratio	Lower	Upper	
122	100		
107	115.4	92.4	138.6
121	58.7	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#28

bis(2-Chloroethoxy)methane

Concen: 7.121 ng

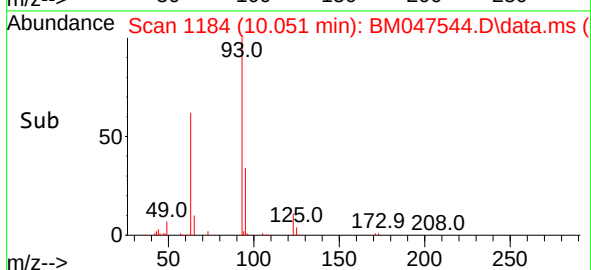
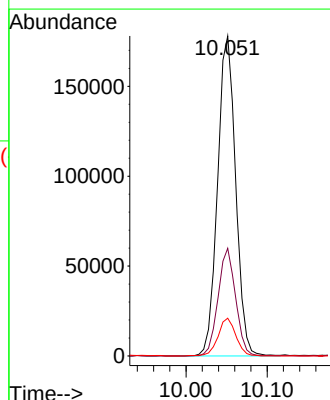
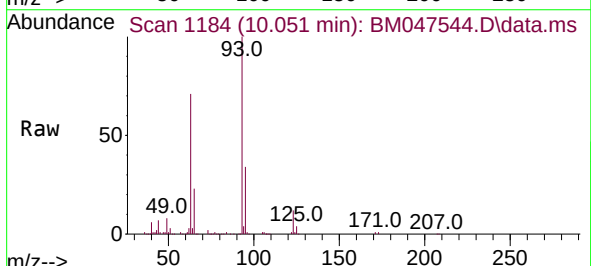
RT: 10.051 min Scan# 1184

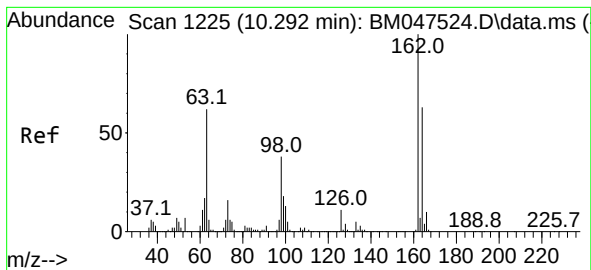
Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:	93	Resp:	275892
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.2	39.2
123	11.8	9.2	13.8





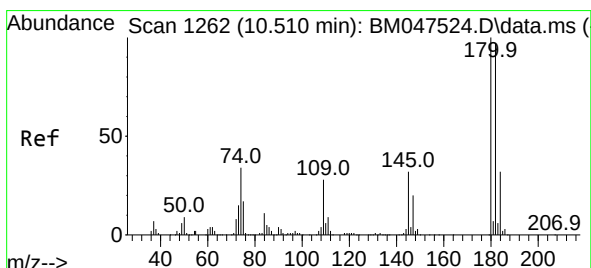
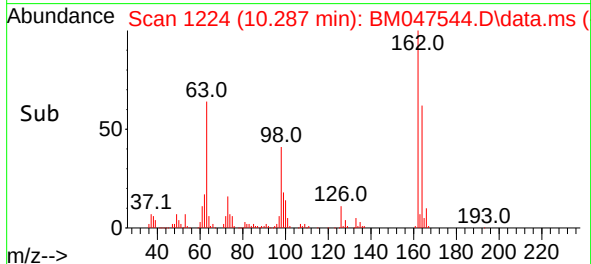
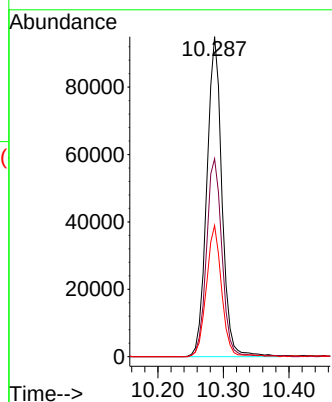
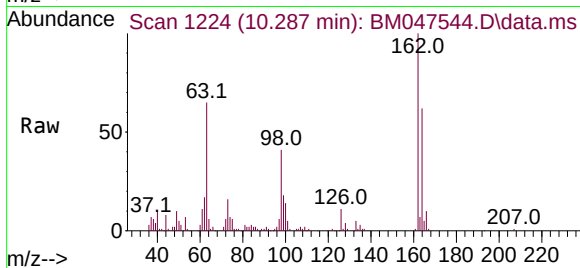
#29
2,4-Dichlorophenol
Concen: 6.461 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:162 Resp: 15287
Ion Ratio Lower Upper
162 100
164 61.9 43.5 83.5
98 41.0 17.6 57.6

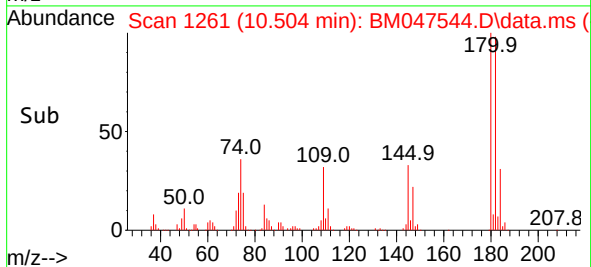
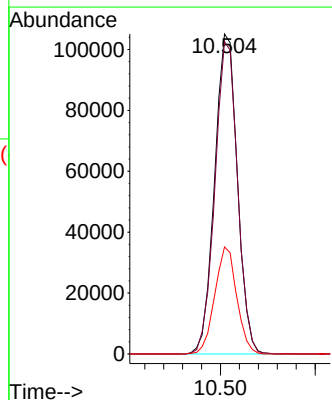
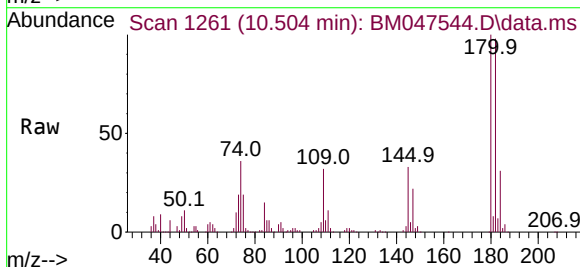
Manual Integrations
APPROVED

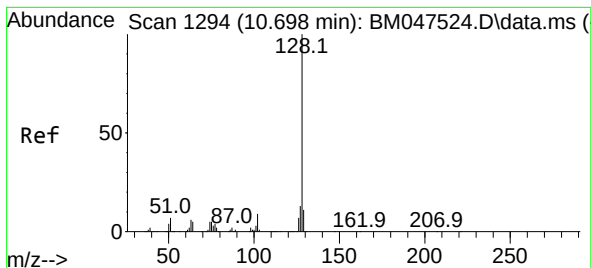
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#30
1,2,4-Trichlorobenzene
Concen: 6.457 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

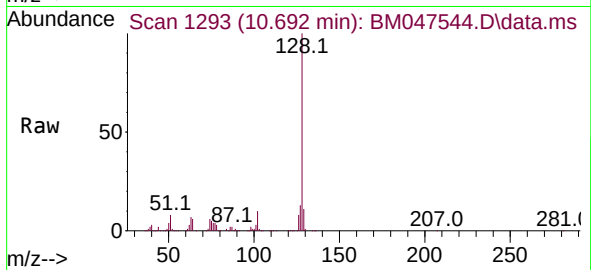
Tgt Ion:180 Resp: 175003
Ion Ratio Lower Upper
180 100
182 97.7 77.6 116.4
145 33.4 25.4 38.0





#31
Naphthalene
Concen: 6.797 ng
RT: 10.692 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

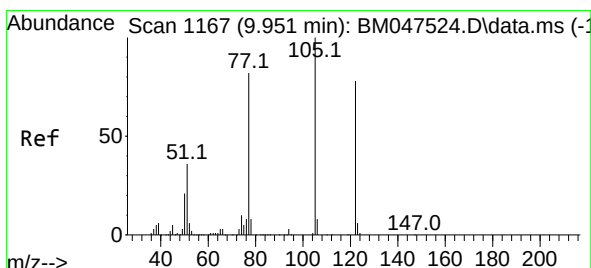
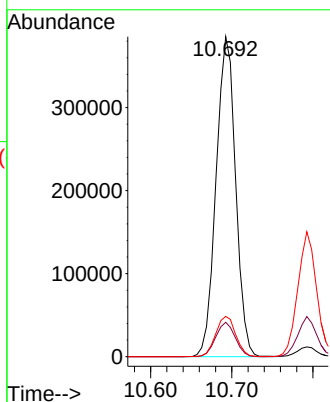
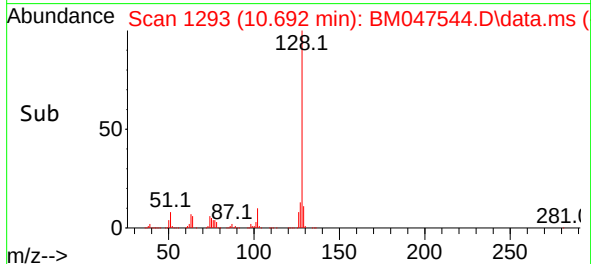
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:128 Resp: 64452
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.6 10.5 15.7

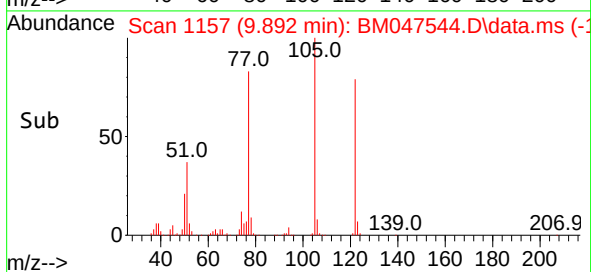
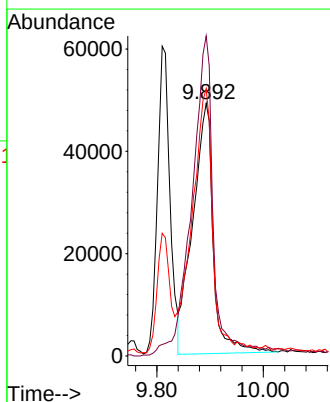
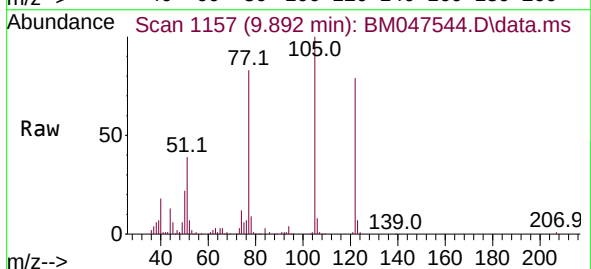
Manual Integrations
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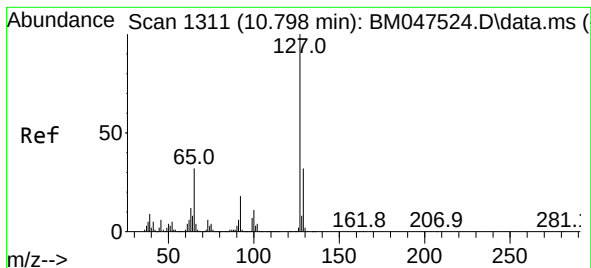
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#32
Benzoic acid
Concen: 7.945 ng
RT: 9.892 min Scan# 1157
Delta R.T. -0.059 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

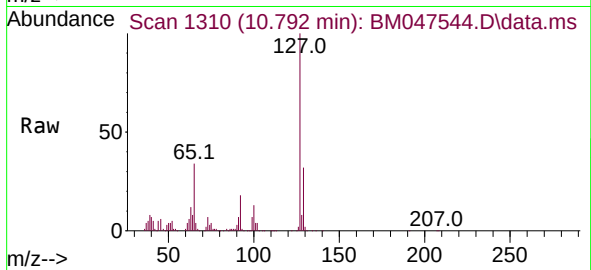
Tgt Ion:122 Resp: 130300
Ion Ratio Lower Upper
122 100
105 126.7 104.7 144.7
77 105.8 83.4 123.4





#33
4-Chloroaniline
Concen: 7.178 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

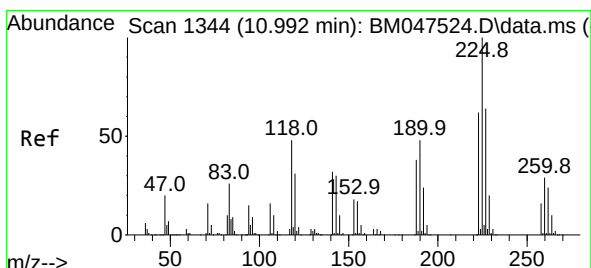
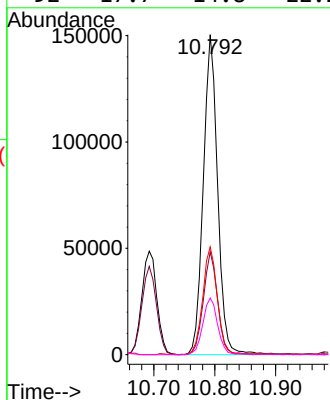
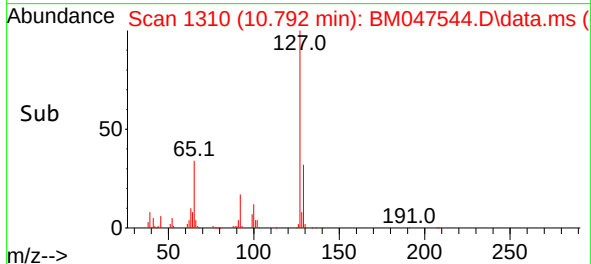
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:127 Resp: 246093
Ion Ratio Lower Upper
127 100
129 32.1 25.4 38.0
65 33.7 25.5 38.3
92 17.7 14.8 22.2

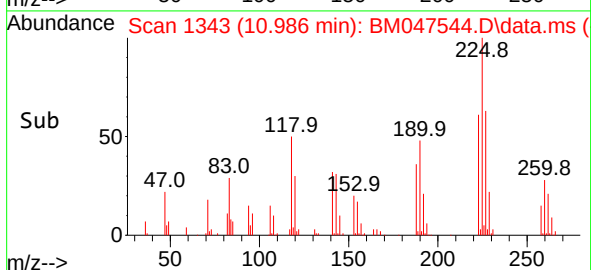
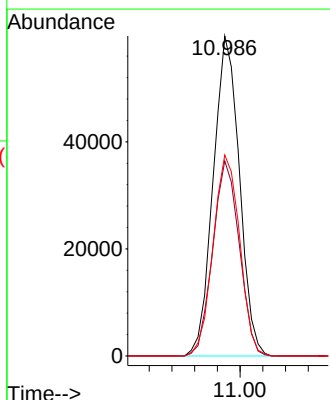
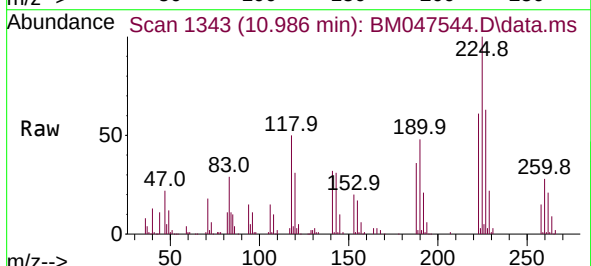
Manual Integrations
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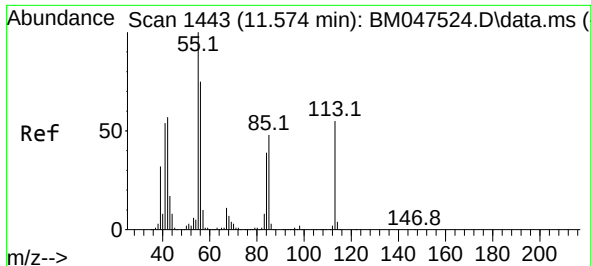
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#34
Hexachlorobutadiene
Concen: 6.373 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:225 Resp: 95664
Ion Ratio Lower Upper
225 100
223 60.9 49.8 74.6
227 62.8 51.0 76.4





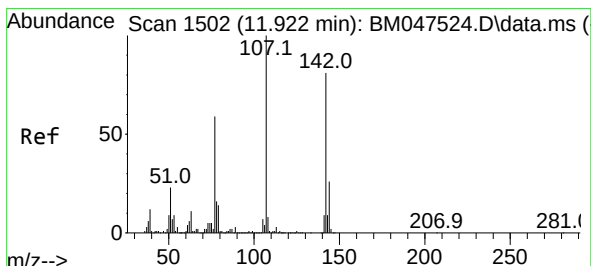
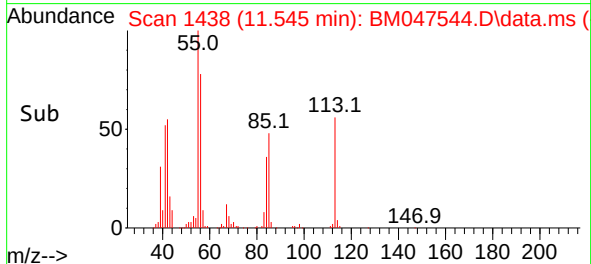
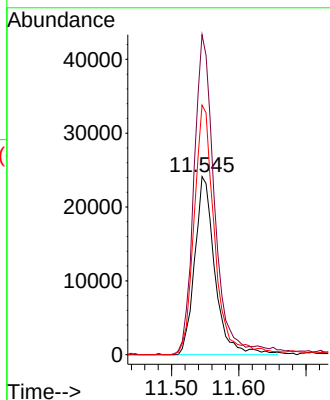
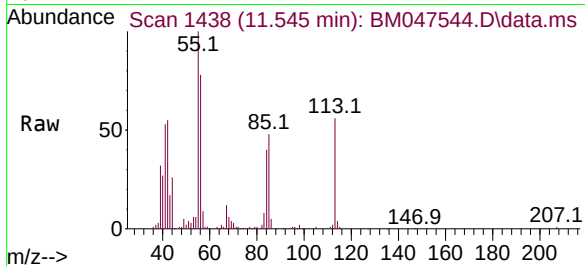
#35
 Caprolactam
 Concen: 6.462 ng m
 RT: 11.545 min Scan# 1443
 Delta R.T. -0.029 min
 Lab File: BM047544.D
 Acq: 17 Sep 2024 15:08

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Tgt Ion:113 Resp: 5035
 Ion Ratio Lower Upper
 113 100
 55 179.7 162.5 202.5
 56 140.1 116.5 156.5

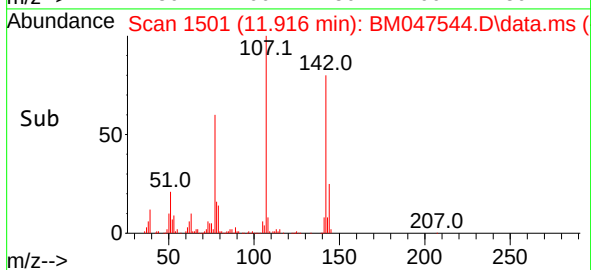
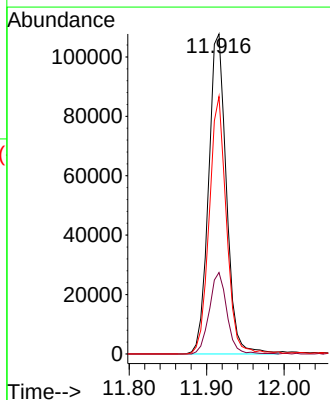
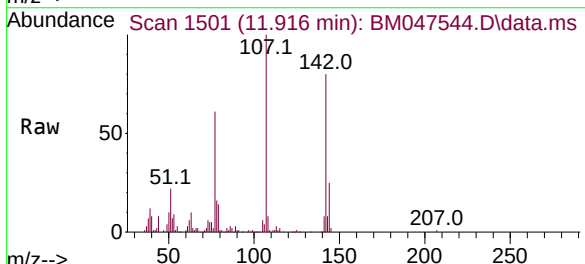
Manual Integrations
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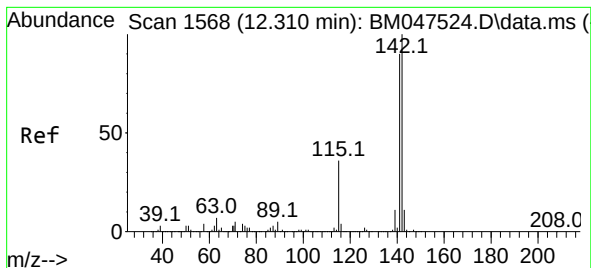
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#36
 4-Chloro-3-methylphenol
 Concen: 6.352 ng
 RT: 11.916 min Scan# 1501
 Delta R.T. -0.006 min
 Lab File: BM047544.D
 Acq: 17 Sep 2024 15:08

Tgt Ion:107 Resp: 172221
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 80.4 65.0 97.4





#37

2-Methylnaphthalene

Concen: 6.514 ng

RT: 12.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

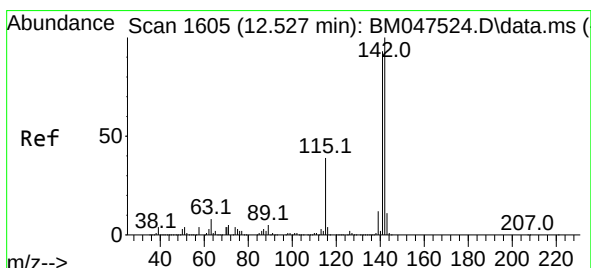
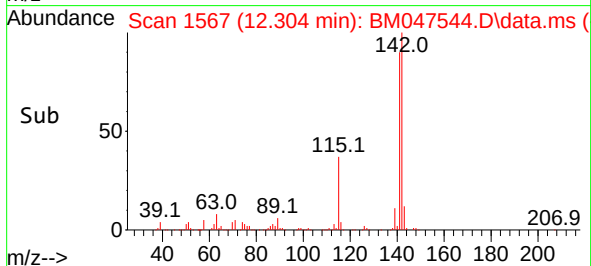
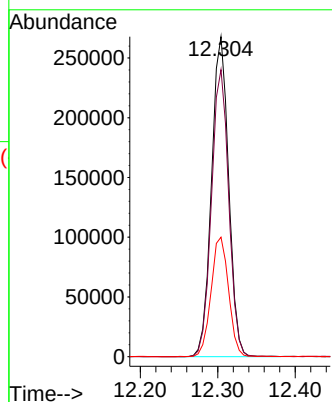
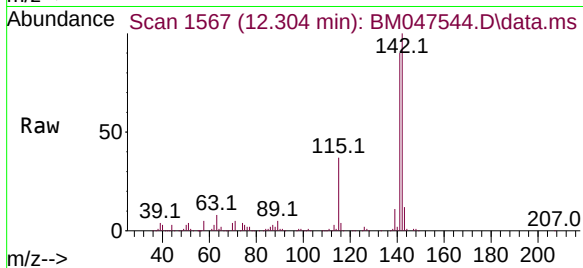
LOQ-WATER-02-QT2-2024

Tgt Ion:142	Resp:	41111
Ion Ratio	Lower	Upper
142	100	
141	89.7	72.2 108.4
115	37.4	29.1 43.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#38

1-Methylnaphthalene

Concen: 6.133 ng

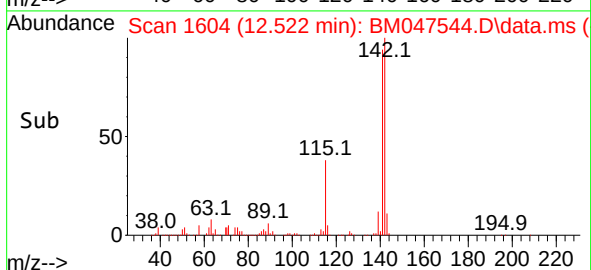
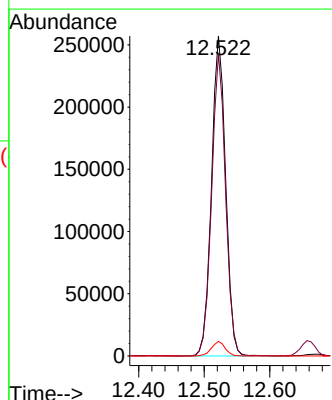
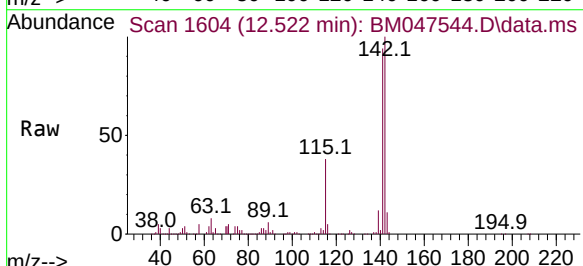
RT: 12.522 min Scan# 1604

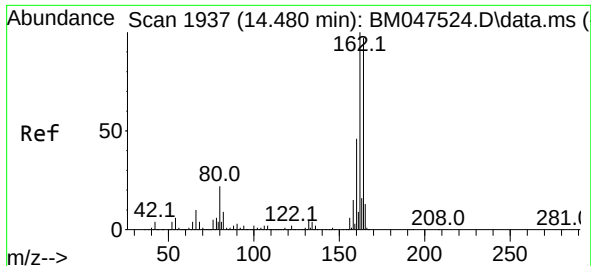
Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

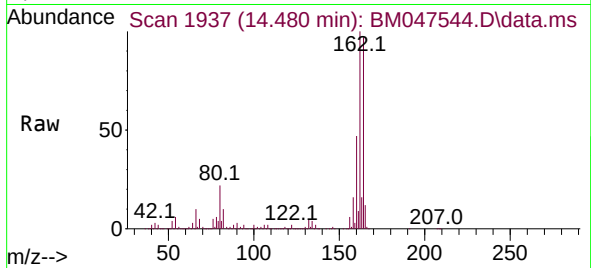
Tgt Ion:142	Resp:	384644
Ion Ratio	Lower	Upper
142	100	
141	94.4	74.7 112.1
116	4.5	3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

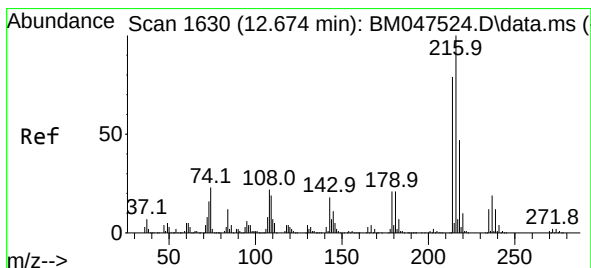
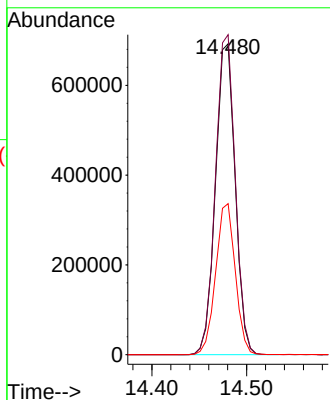
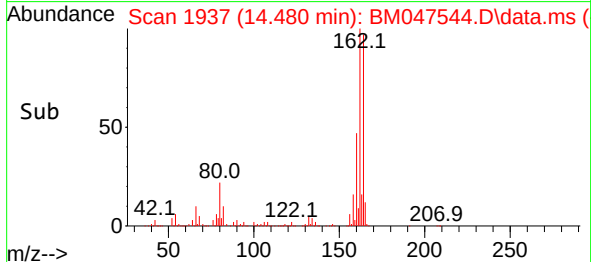
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:164 Resp: 1002924
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 48.6 38.2 57.2

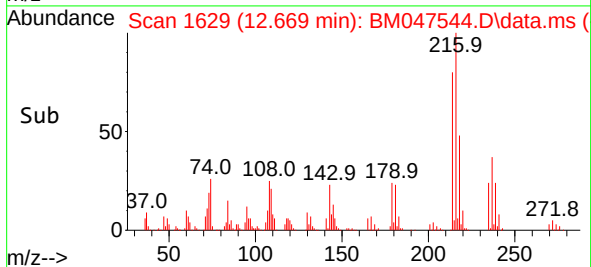
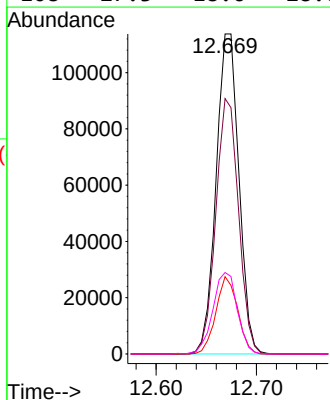
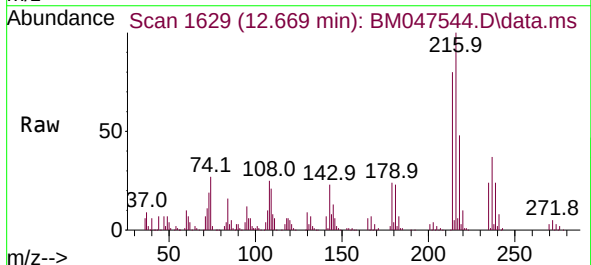
Manual Integrations
APPROVED

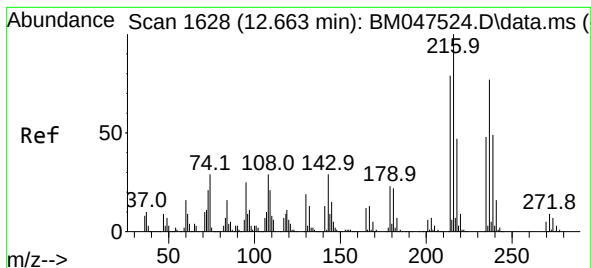
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.605 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:216 Resp: 179262
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 23.1 17.5 26.3
108 27.3 18.6 28.0





#41

Hexachlorocyclopentadiene

Concen: 11.103 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

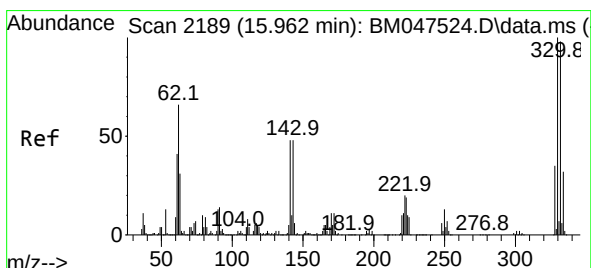
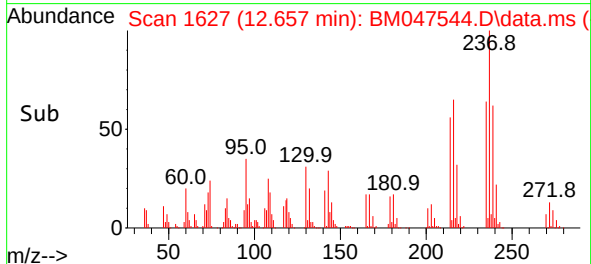
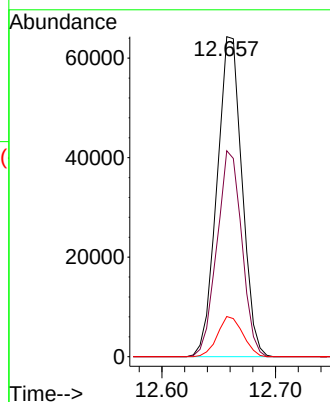
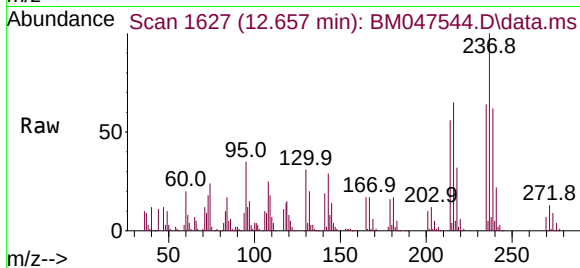
LOQ-WATER-02-QT2-2024

Tgt Ion:	237	Resp:	98500
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.0	82.0
272	12.6	0.0	31.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#42

2,4,6-Tribromophenol

Concen: 87.648 ng

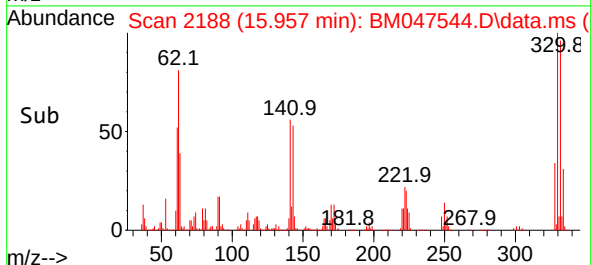
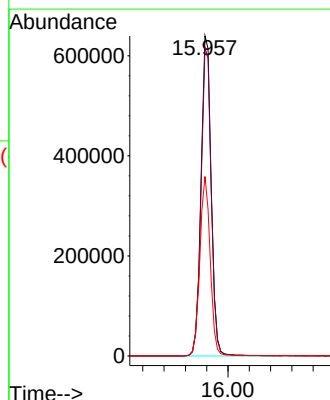
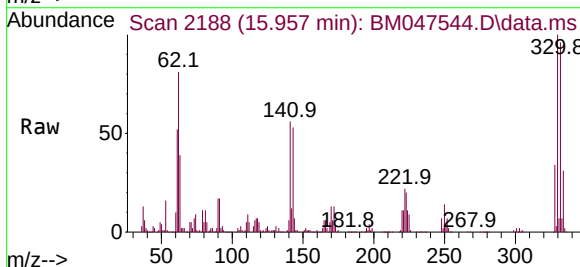
RT: 15.957 min Scan# 2188

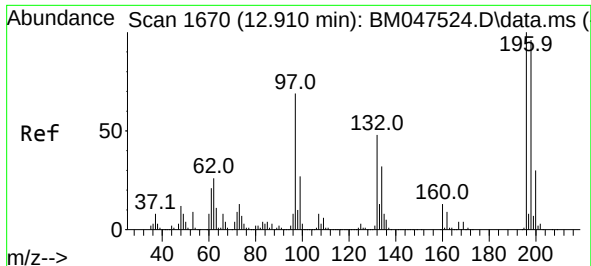
Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:	330	Resp:	849676
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	57.0	42.2	63.2





#43

2,4,6-Trichlorophenol

Concen: 6.000 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:196 Resp: 102020

Ion Ratio Lower Upper

196 100

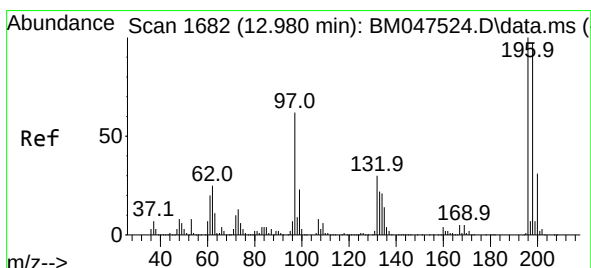
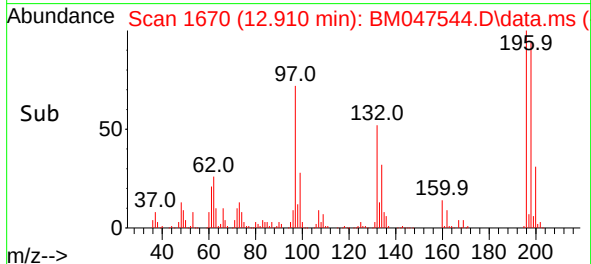
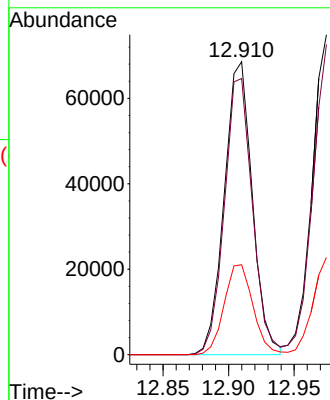
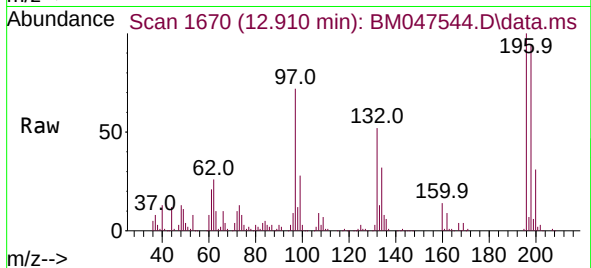
198 94.2 76.9 115.3

200 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#44

2,4,5-Trichlorophenol

Concen: 6.075 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:196 Resp: 116670

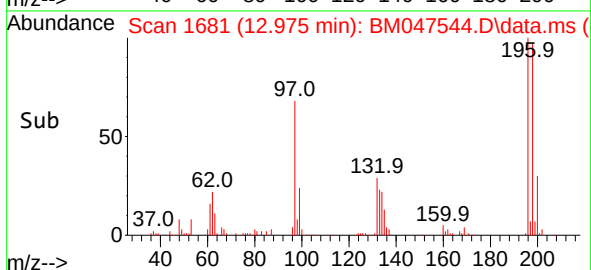
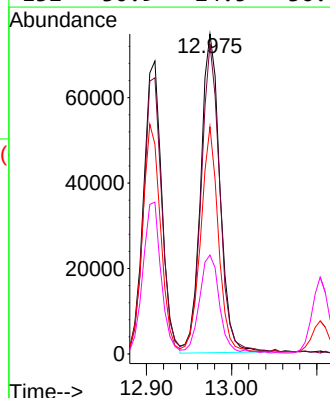
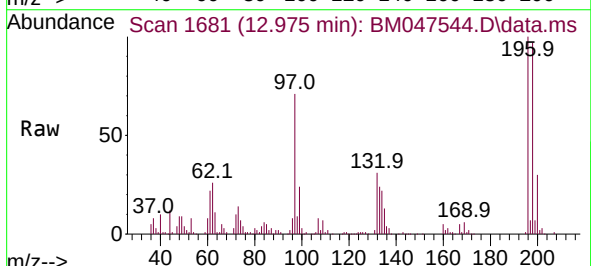
Ion Ratio Lower Upper

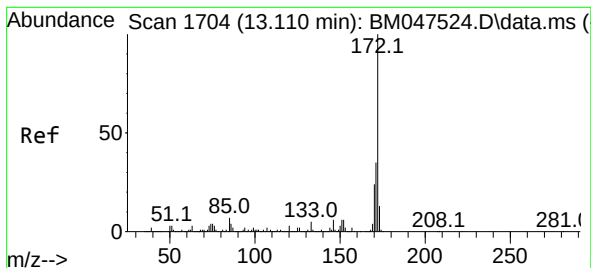
196 100

198 96.9 77.4 116.2

97 71.0 49.8 74.8

132 30.9 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 62.362 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM047544.D

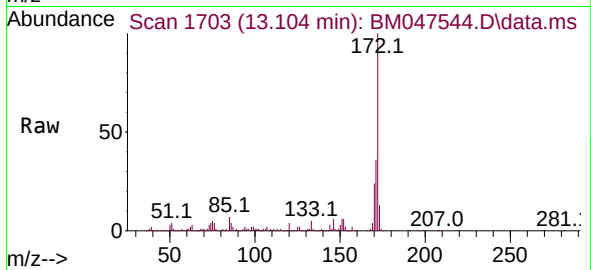
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:172 Resp: 4540340

Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

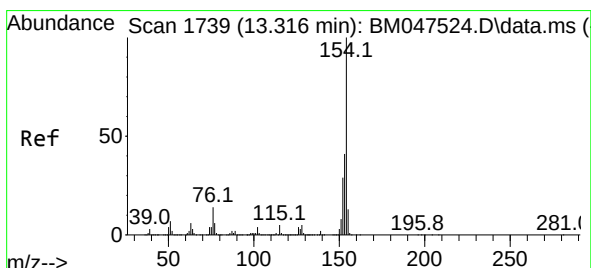
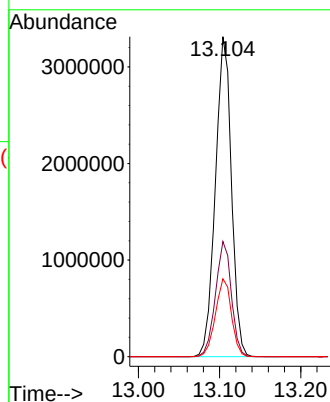
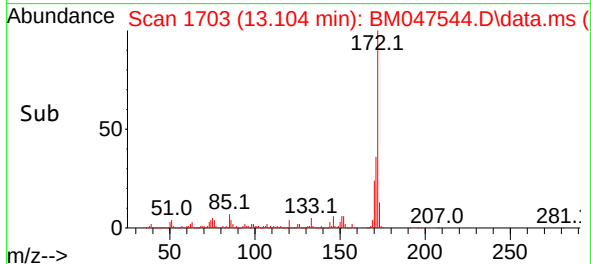
170 24.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#46

1,1'-Biphenyl

Concen: 6.955 ng

RT: 13.316 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

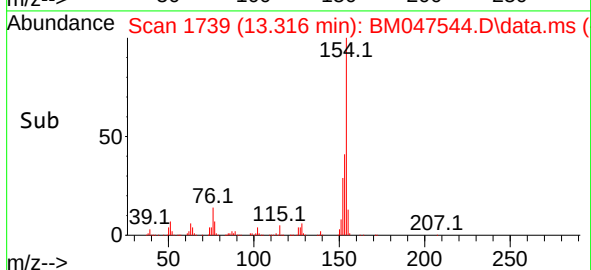
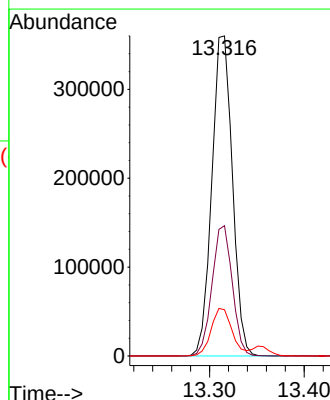
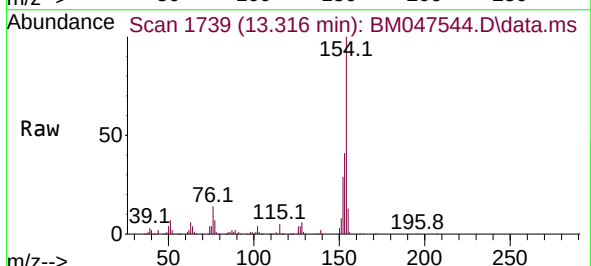
Tgt Ion:154 Resp: 542743

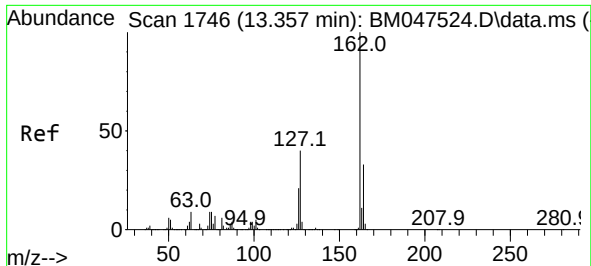
Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

76 14.4 0.0 33.9





#47

2-Chloronaphthalene

Concen: 6.607 ng

RT: 13.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047544.D

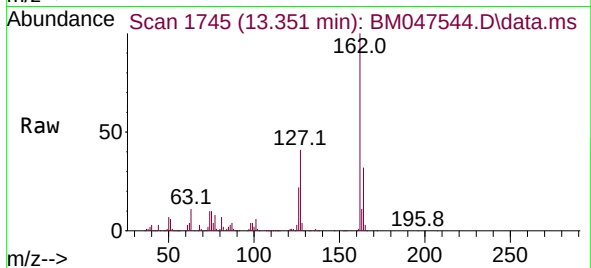
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:162 Resp: 40031

Ion Ratio Lower Upper

162 100

127 41.0 32.2 48.4

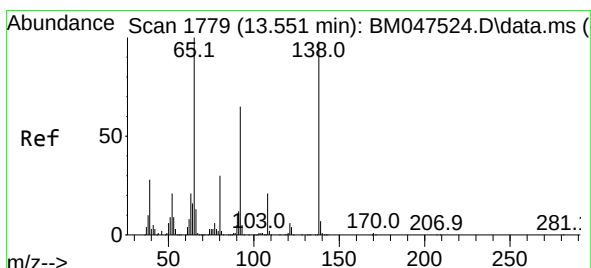
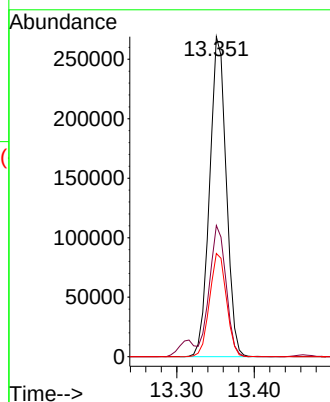
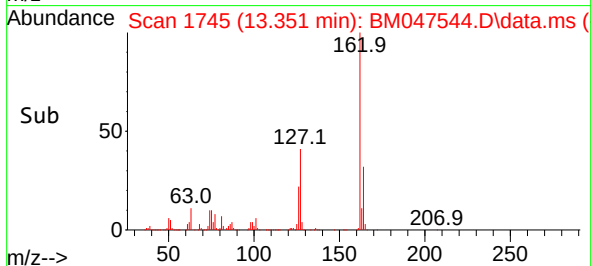
164 32.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#48

2-Nitroaniline

Concen: 6.348 ng

RT: 13.545 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

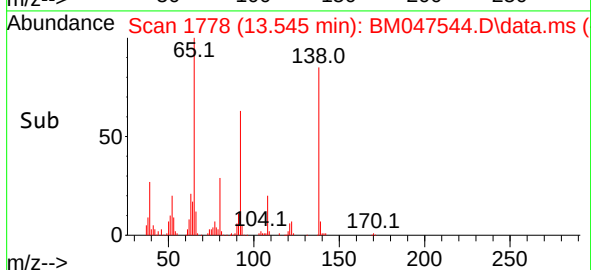
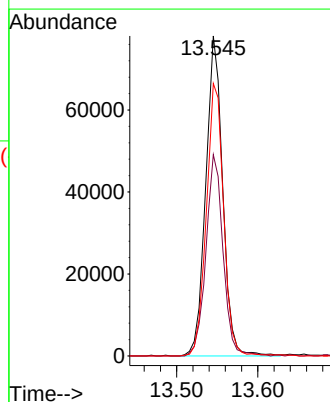
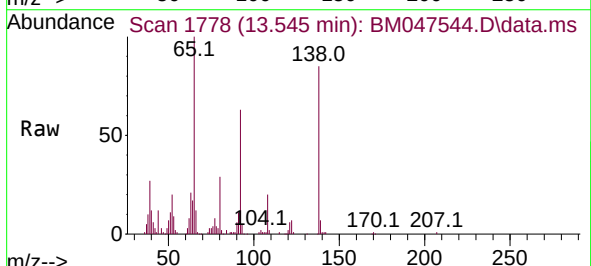
Tgt Ion: 65 Resp: 112965

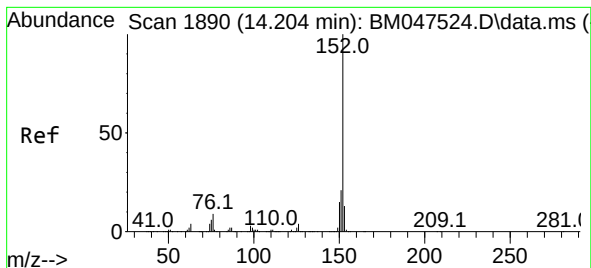
Ion Ratio Lower Upper

65 100

92 62.9 51.9 77.9

138 85.1 78.5 117.7





#49

Acenaphthylene

Concen: 7.106 ng

RT: 14.198 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BM047544.D

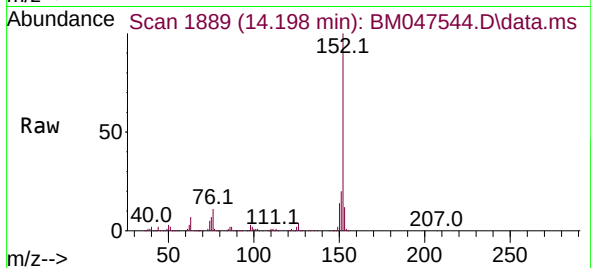
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:152 Resp: 62128

Ion Ratio Lower Upper

152 100

151 19.7 16.5 24.7

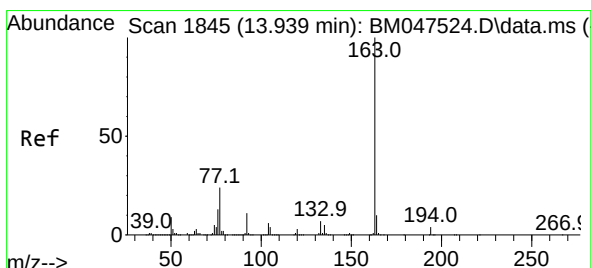
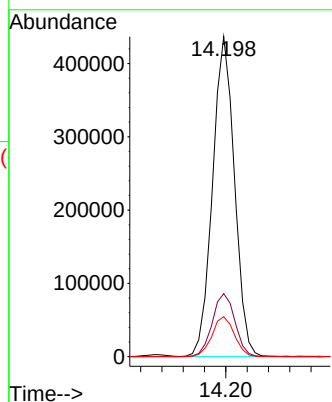
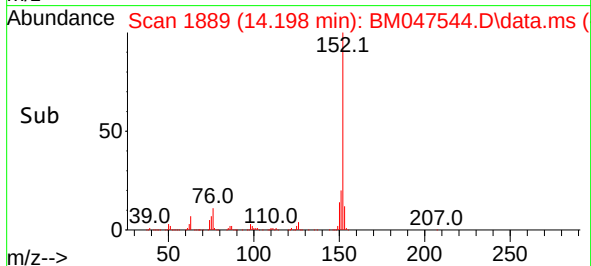
153 12.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#50

Dimethylphthalate

Concen: 6.801 ng

RT: 13.933 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

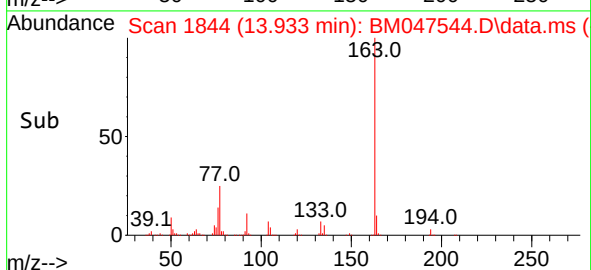
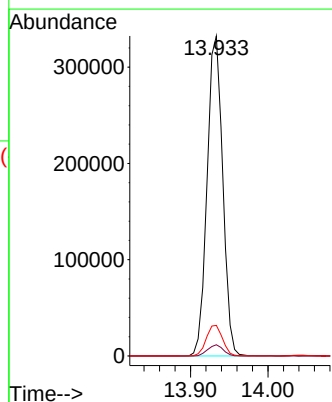
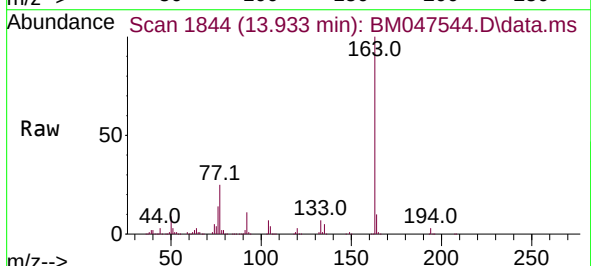
Tgt Ion:163 Resp: 464874

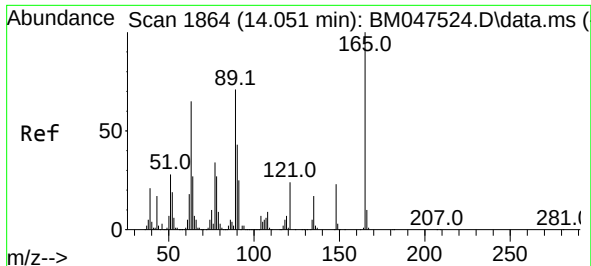
Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

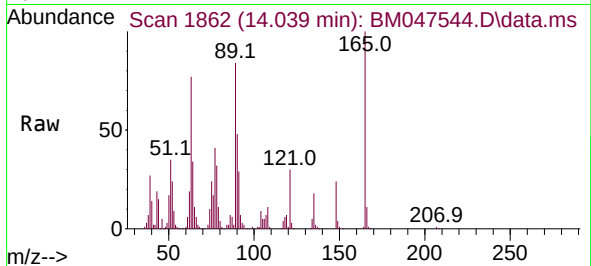
164 9.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 6.062 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

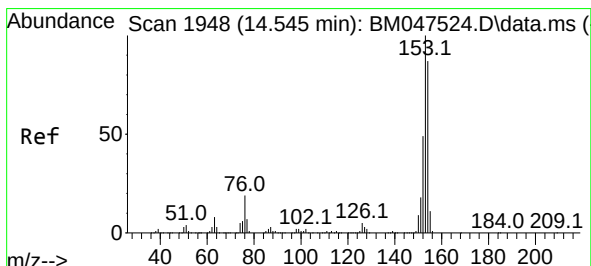
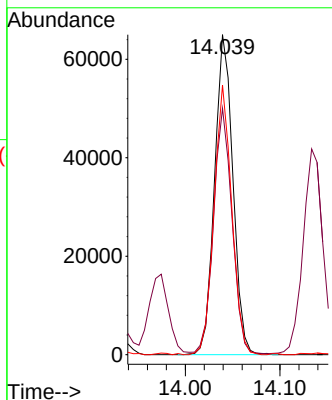
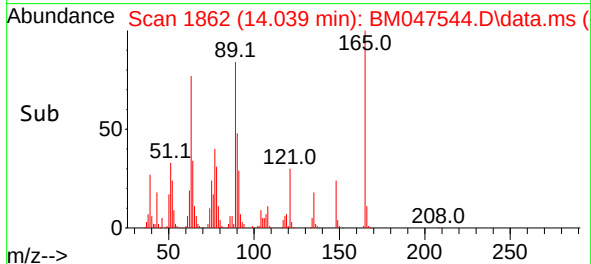
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 8747
Ion Ratio Lower Upper
165 100
63 77.0 54.2 81.2
89 84.3 56.4 84.6

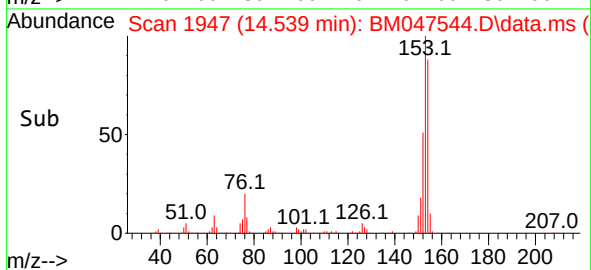
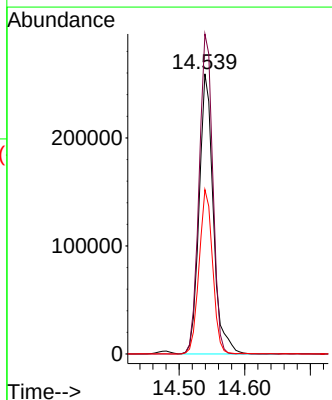
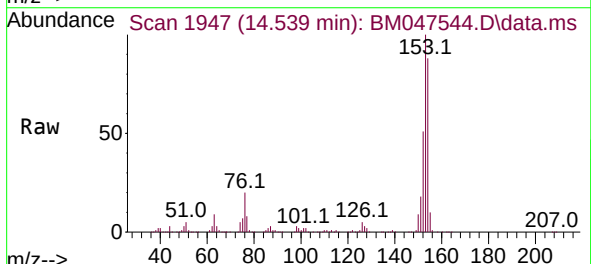
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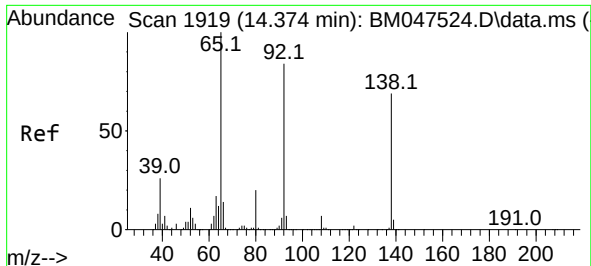
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#52
Acenaphthene
Concen: 6.363 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:154 Resp: 389839
Ion Ratio Lower Upper
154 100
153 114.2 92.2 138.2
152 58.6 45.4 68.0





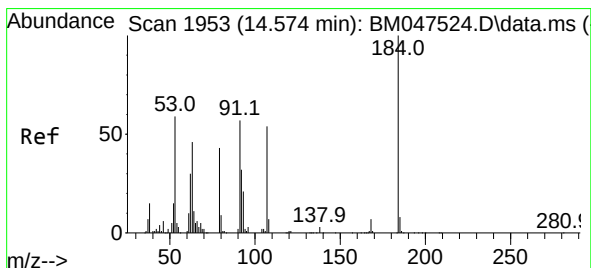
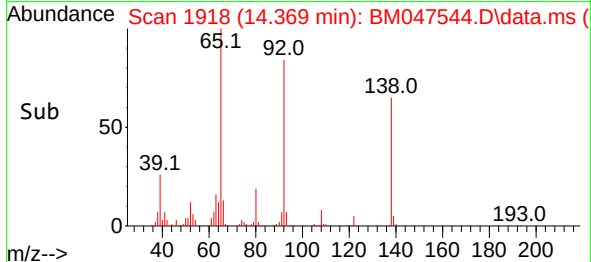
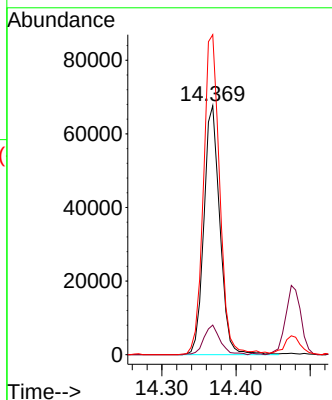
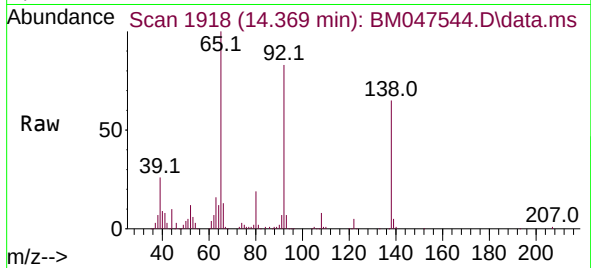
#53
3-Nitroaniline
Concen: 6.314 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:138 Resp: 101279
Ion Ratio Lower Upper
138 100
108 11.9 8.0 12.0
92 128.6 97.4 146.0

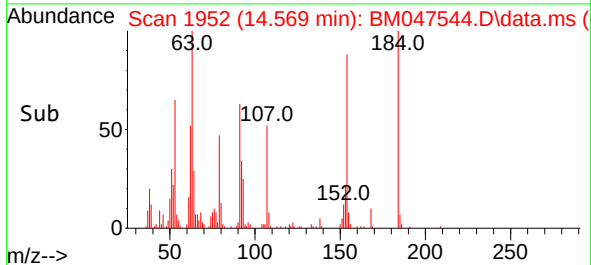
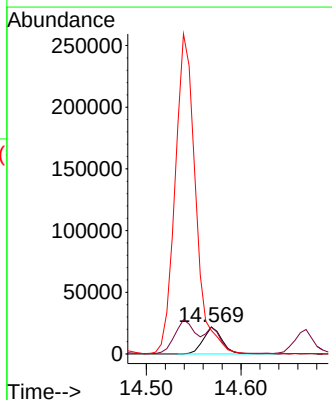
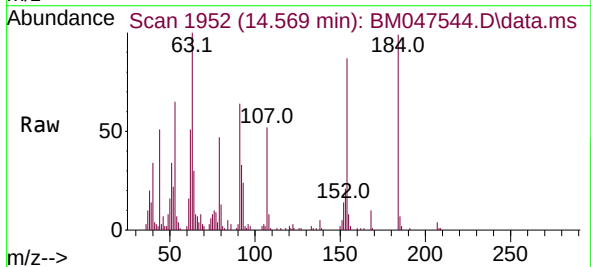
Manual Integrations
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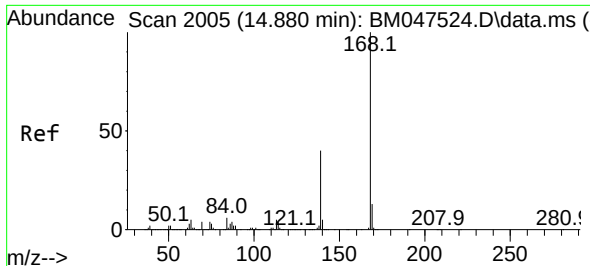
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#54
2,4-Dinitrophenol
Concen: 8.153 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

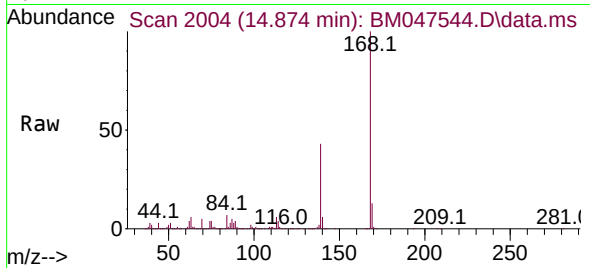
Tgt Ion:184 Resp: 30296
Ion Ratio Lower Upper
184 100
63 101.1 69.4 104.0
154 88.0 60.4 90.6





#55
Dibenzenofuran
Concen: 6.707 ng
RT: 14.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

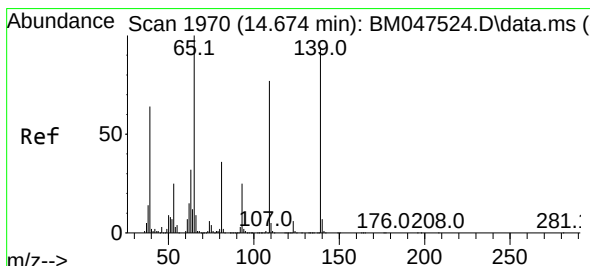
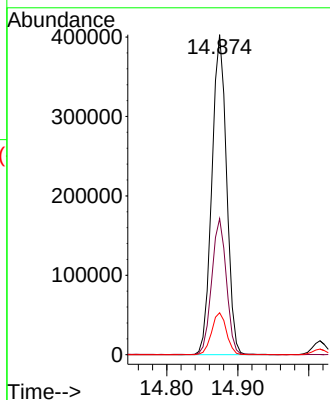
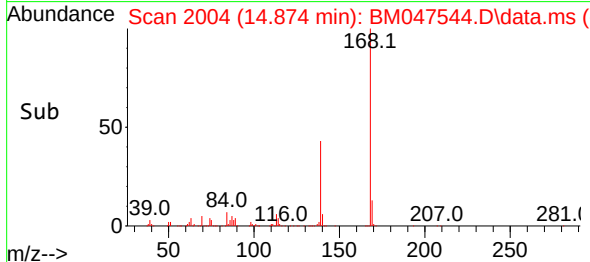
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 577369
Ion Ratio Lower Upper
168 100
139 42.5 31.9 47.9
169 13.1 10.5 15.7

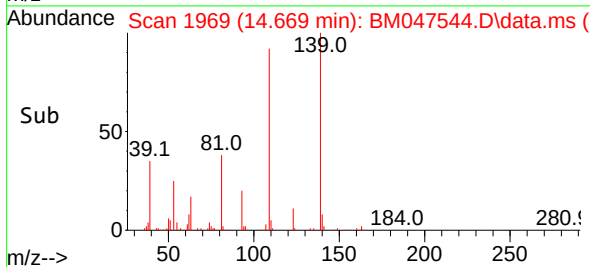
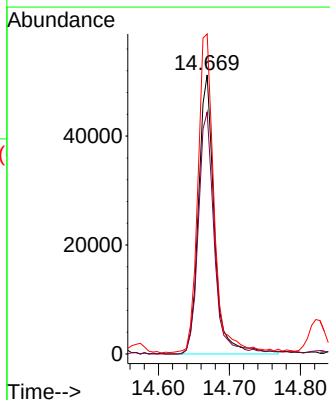
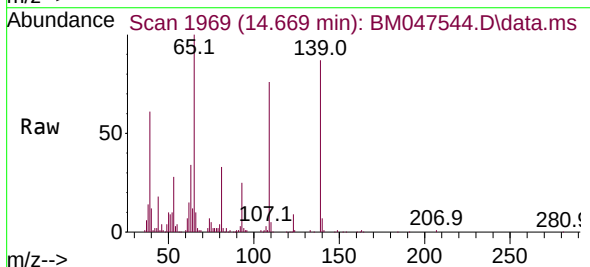
Manual Integrations
APPROVED

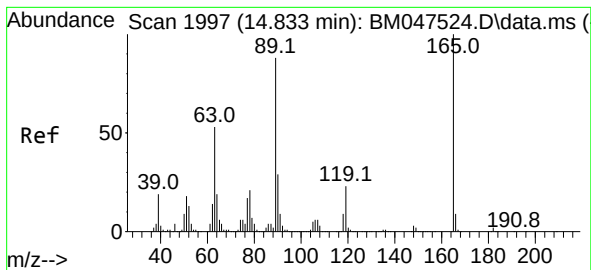
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#56
4-Nitrophenol
Concen: 6.020 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

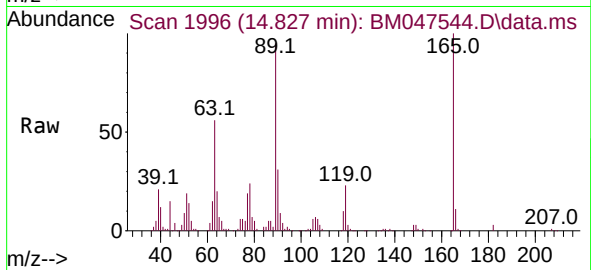
Tgt Ion:139 Resp: 79457
Ion Ratio Lower Upper
139 100
109 86.7 62.0 102.0
65 114.7 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 5.815 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

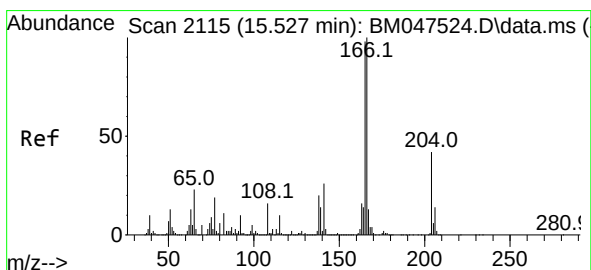
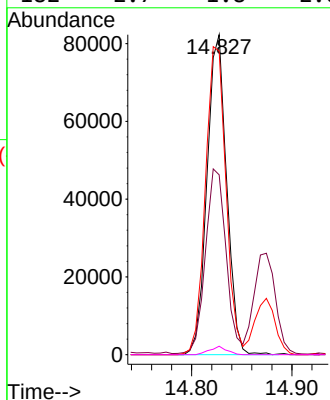
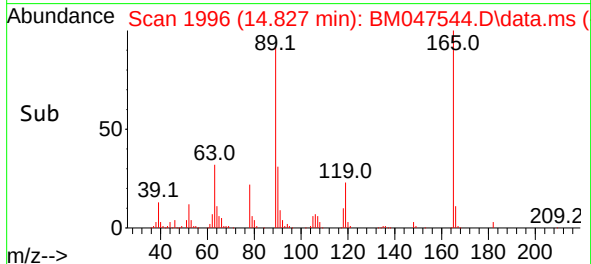
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 11191
Ion Ratio Lower Upper
165 100
63 56.2 42.4 63.6
89 94.9 70.5 105.7
182 2.7 1.8 2.6#

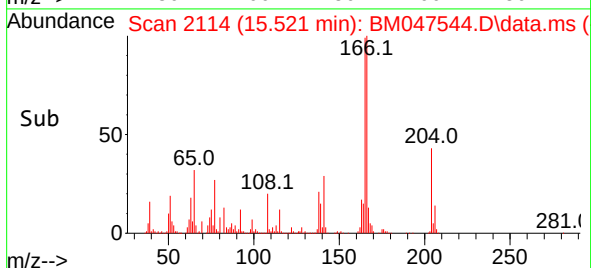
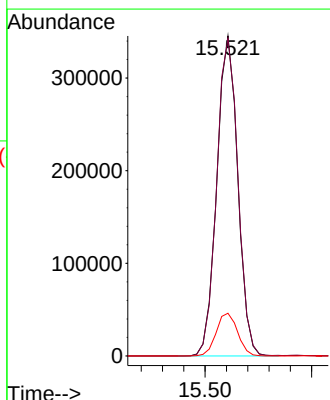
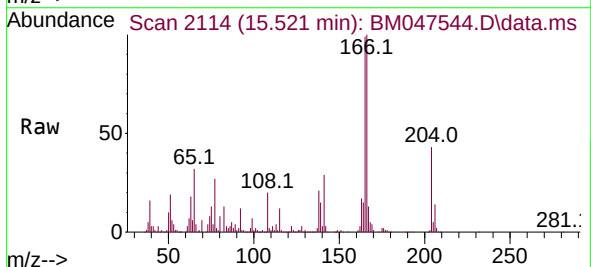
Manual Integrations
APPROVED

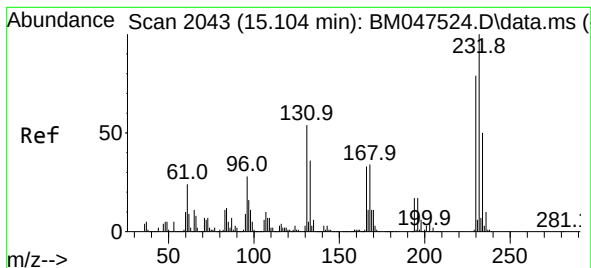
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#58
Fluorene
Concen: 6.080 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

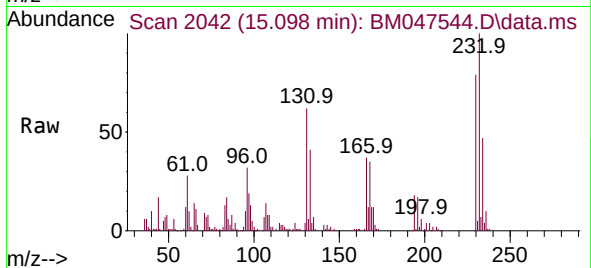
Tgt Ion:166 Resp: 471241
Ion Ratio Lower Upper
166 100
165 99.2 78.6 117.8
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.145 ng
RT: 15.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

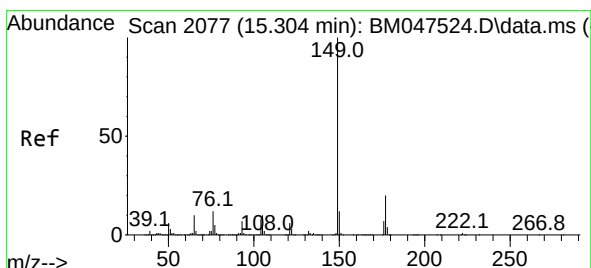
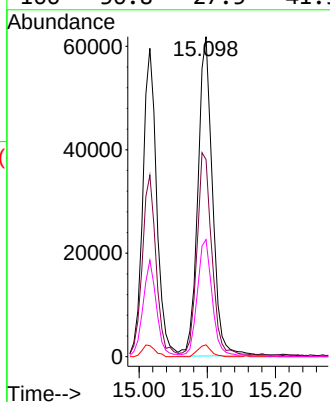
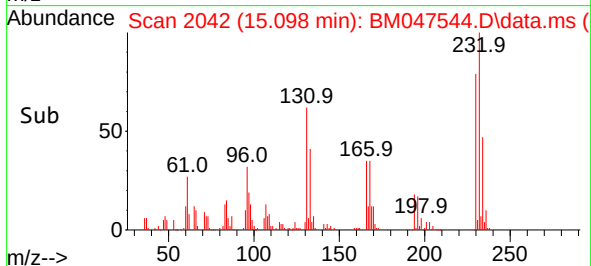
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:232 Resp: 92014
Ion Ratio Lower Upper
232 100
131 64.9 47.0 70.4
130 3.4 2.6 3.8
166 36.8 27.5 41.3

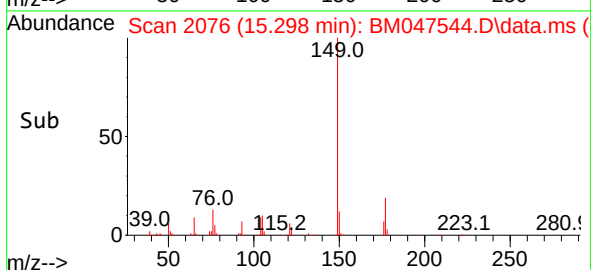
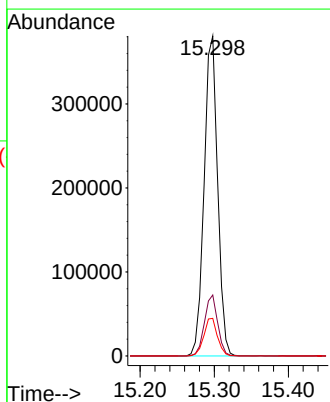
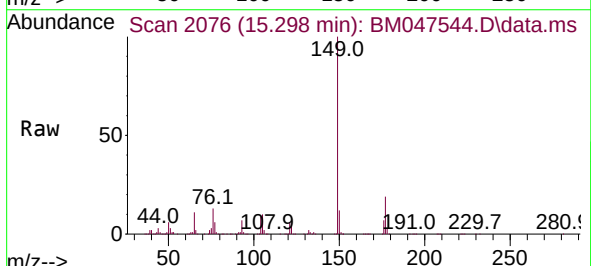
Manual Integrations
APPROVED

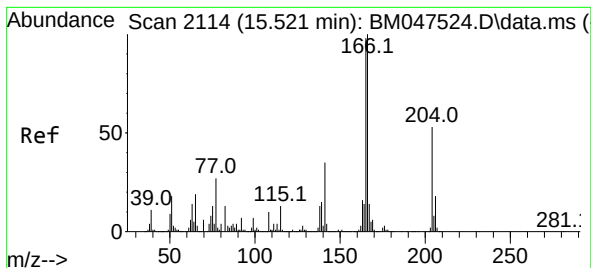
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#60
Diethylphthalate
Concen: 6.624 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

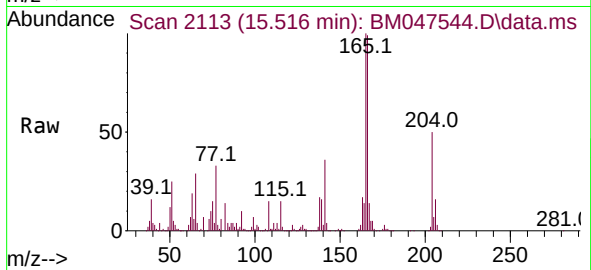
Tgt Ion:149 Resp: 481899
Ion Ratio Lower Upper
149 100
177 19.0 15.8 23.8
150 11.8 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 5.846 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

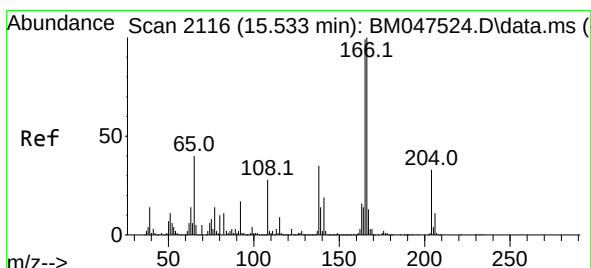
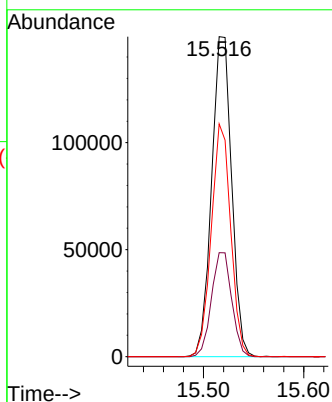
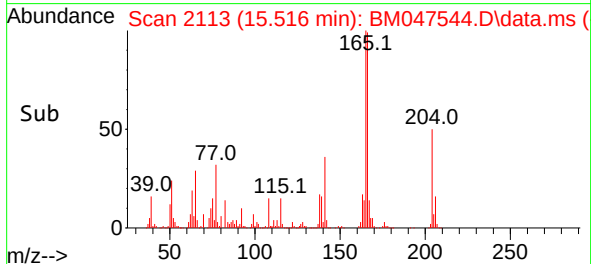
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



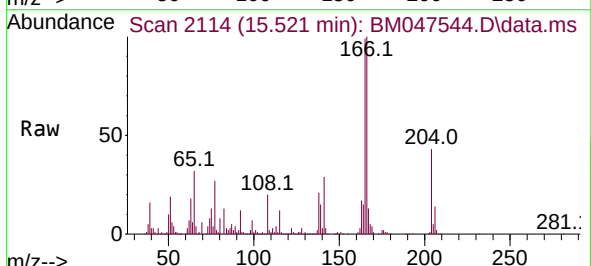
Tgt Ion:204 Resp: 20717
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 72.7 52.1 78.1

Manual Integrations
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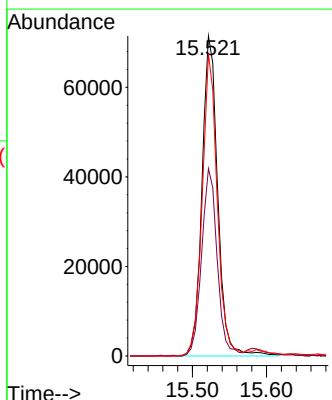
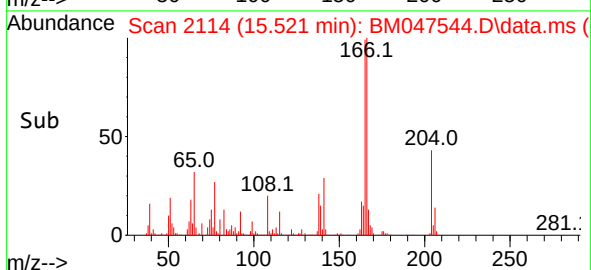
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

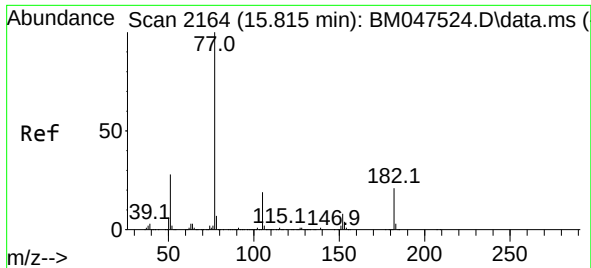


#62
4-Nitroaniline
Concen: 5.582 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08



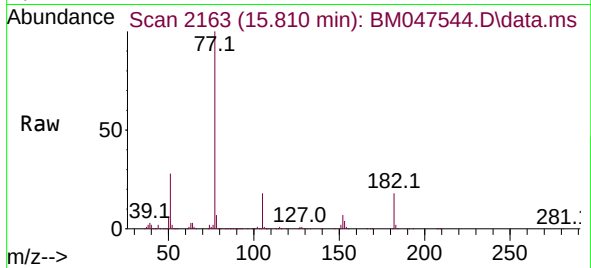
Tgt Ion:138 Resp: 105241
Ion Ratio Lower Upper
138 100
92 58.5 30.0 70.0
108 94.4 61.7 101.7





#63
Azobenzene
Concen: 7.346 ng
RT: 15.810 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

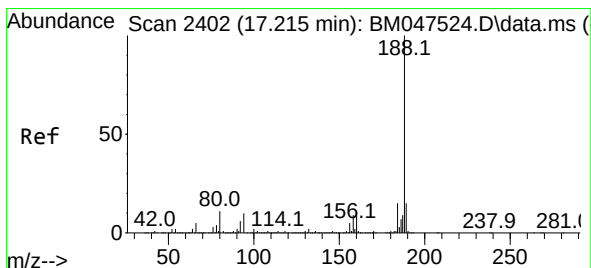
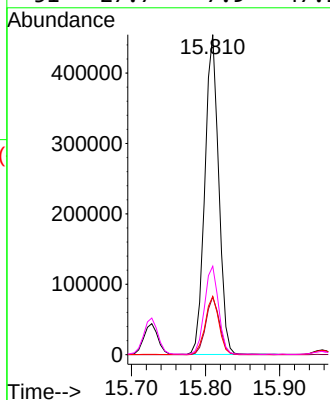
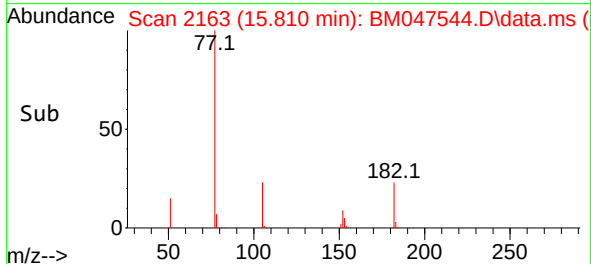
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



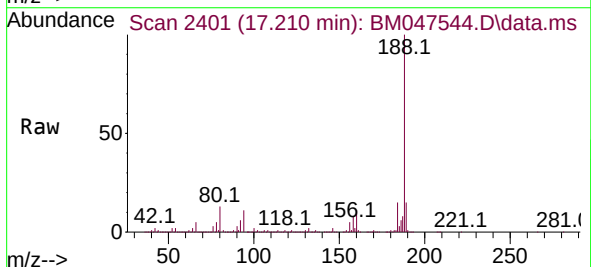
Tgt Ion: 77 Resp: 58848
Ion Ratio Lower Upper
77 100
182 18.1 1.2 41.2
105 18.2 0.0 39.4
51 27.7 7.9 47.9

Manual Integrations
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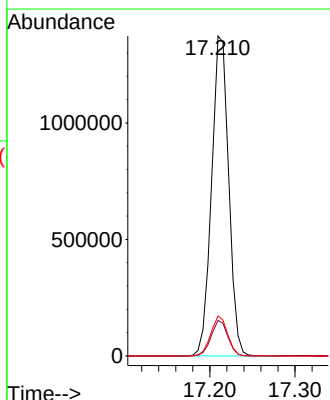
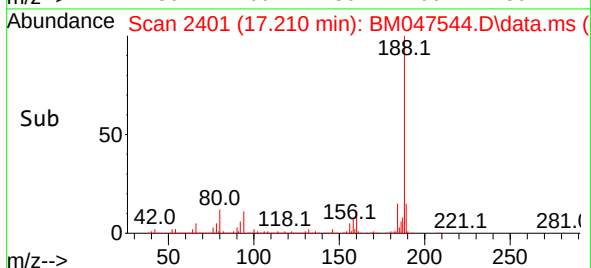
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

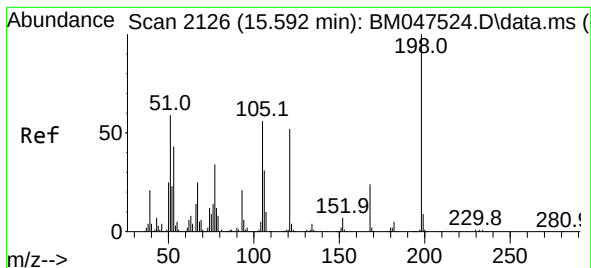


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08



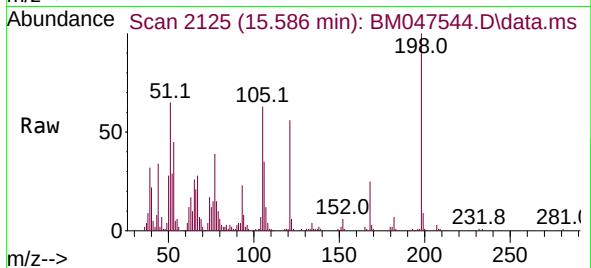
Tgt Ion:188 Resp: 1913701
Ion Ratio Lower Upper
188 100
94 11.1 8.4 12.6
80 12.5 9.1 13.7





#65
4,6-Dinitro-2-methylphenol
Concen: 11.930 ng
RT: 15.586 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

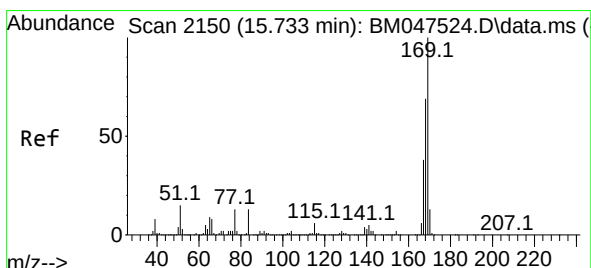
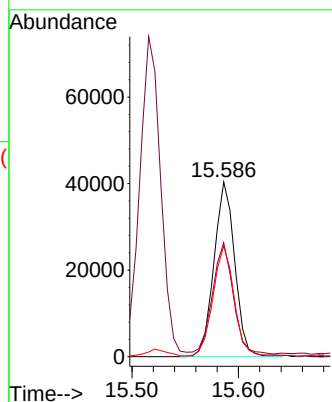
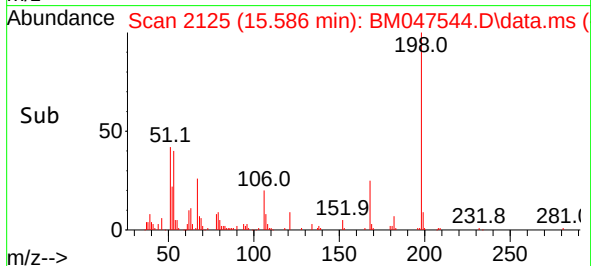
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



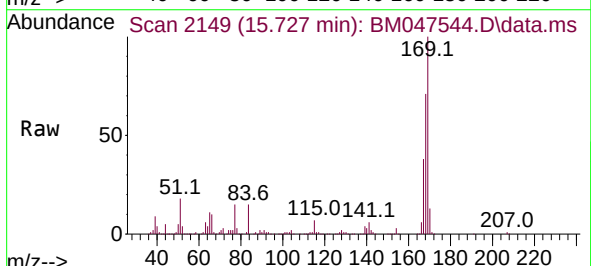
Tgt Ion:198 Resp: 54520
Ion Ratio Lower Upper
198 100
51 65.1 41.5 81.5
105 63.3 36.4 76.4

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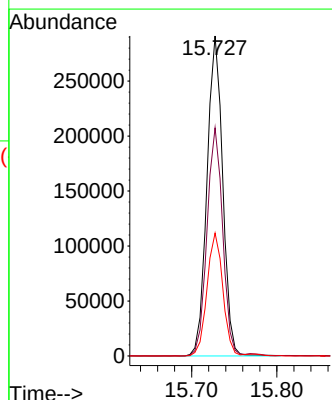
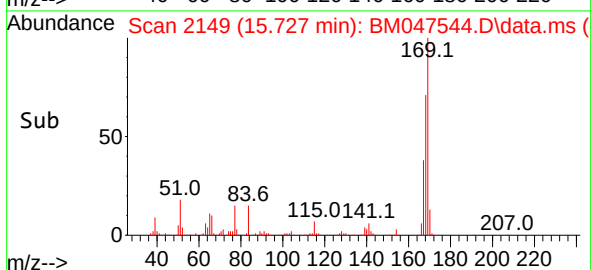
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

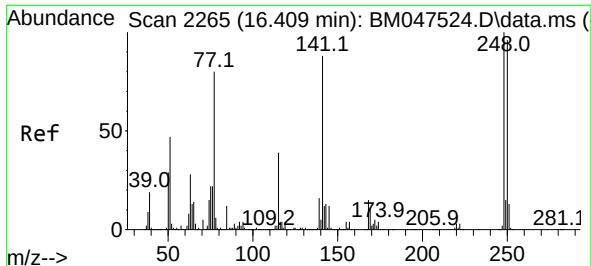


#66
n-Nitrosodiphenylamine
Concen: 6.380 ng
RT: 15.727 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08



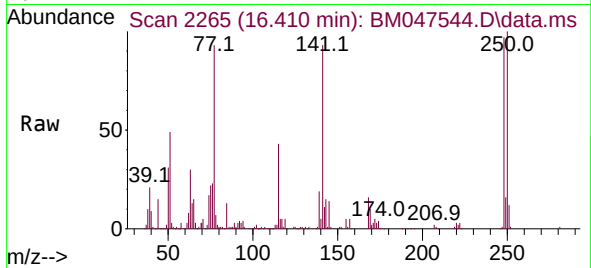
Tgt Ion:169 Resp: 373493
Ion Ratio Lower Upper
169 100
168 71.3 55.3 82.9
167 38.4 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 5.898 ng
RT: 16.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

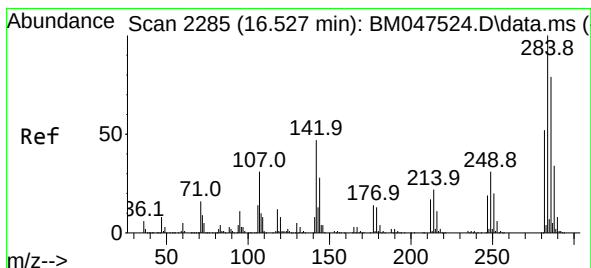
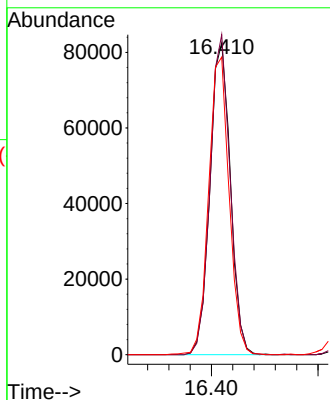
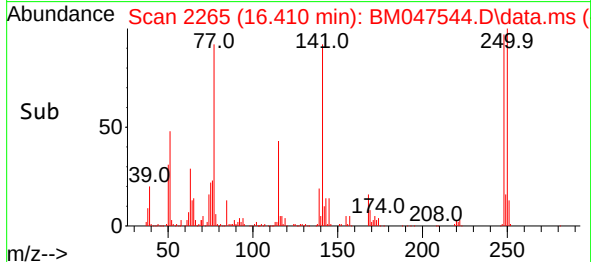
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



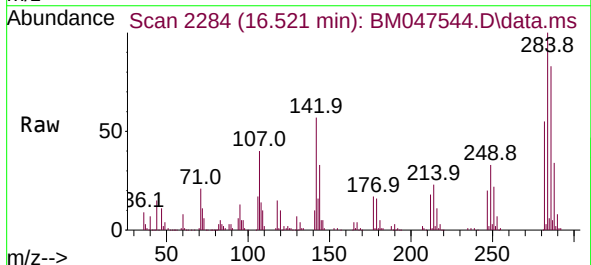
Tgt Ion:248 Resp: 109670
Ion Ratio Lower Upper
248 100
250 102.6 76.9 115.3
141 95.4 70.8 106.2

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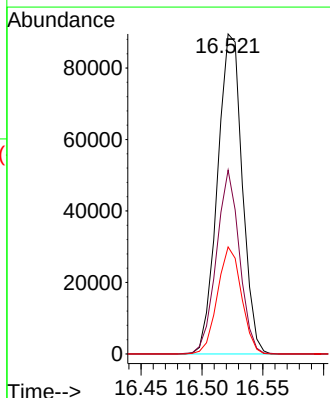
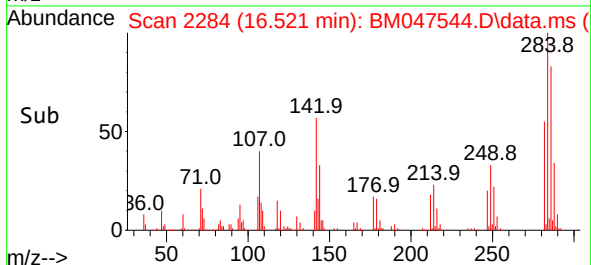
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

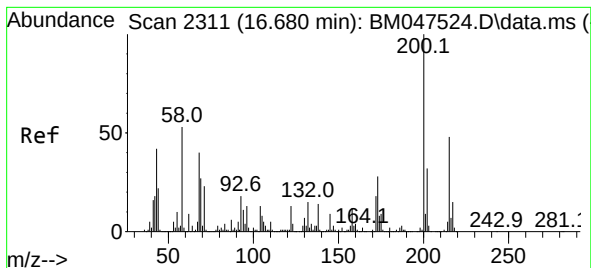


#68
Hexachlorobenzene
Concen: 6.017 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08



Tgt Ion:284 Resp: 126751
Ion Ratio Lower Upper
284 100
142 57.5 37.3 55.9#
249 33.5 24.5 36.7





#69

Atrazine

Concen: 6.541 ng

RT: 16.674 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

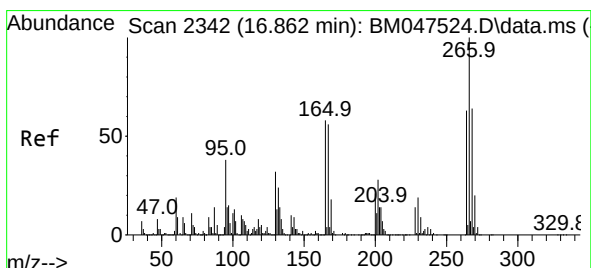
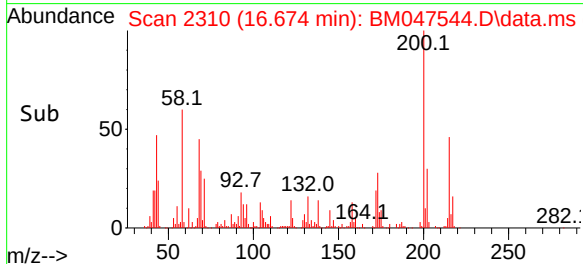
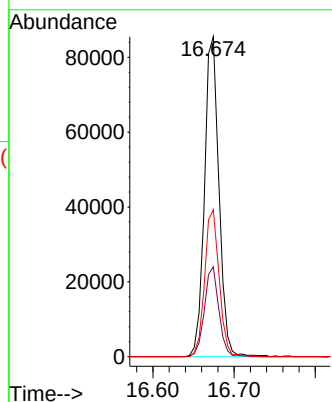
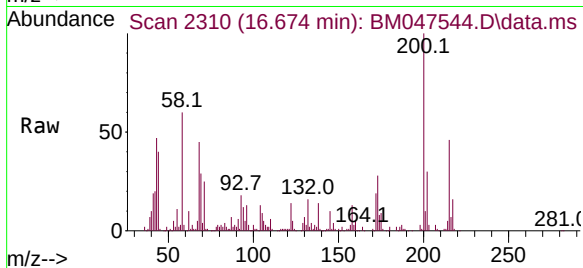
LOQ-WATER-02-QT2-2024

Tgt Ion:200 Resp: 105838
 Ion Ratio Lower Upper
 200 100
 173 28.1 7.7 47.7
 215 45.9 27.9 67.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#70

Pentachlorophenol

Concen: 10.183 ng

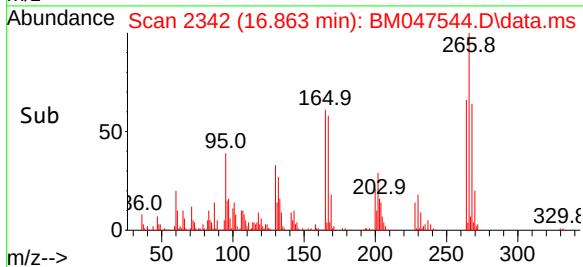
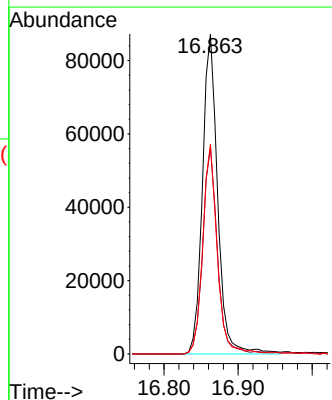
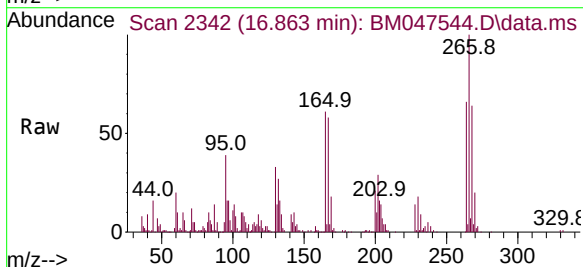
RT: 16.863 min Scan# 2342

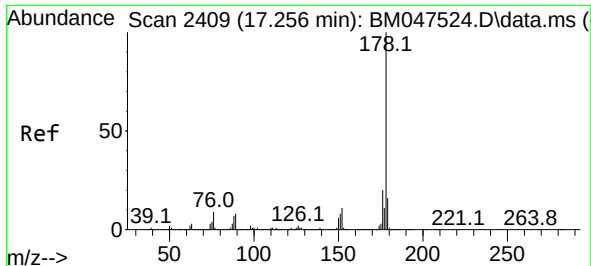
Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:266 Resp: 124346
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.0 76.4
 264 65.6 50.4 75.6





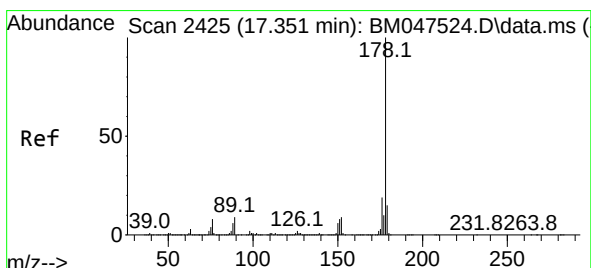
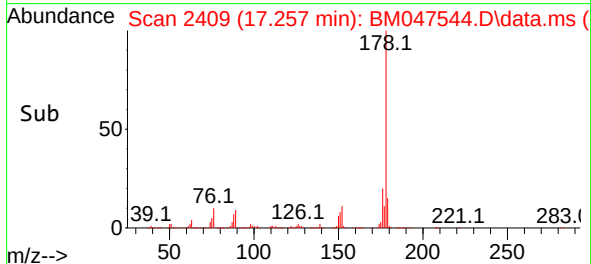
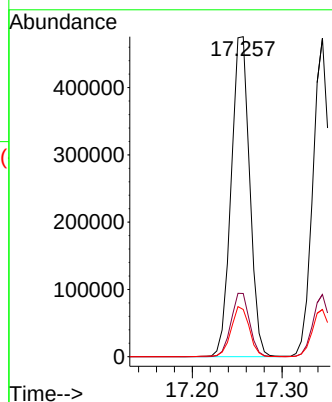
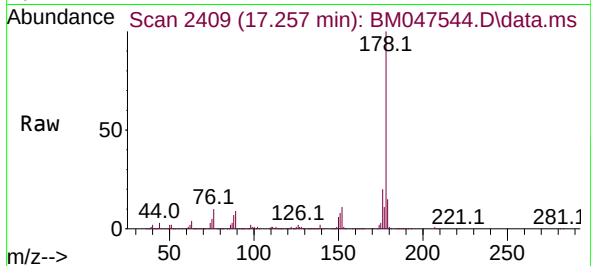
#71
Phenanthrene
Concen: 6.460 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:178 Resp: 681302
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 14.8 12.4 18.6

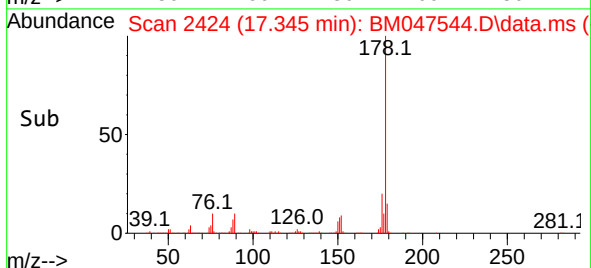
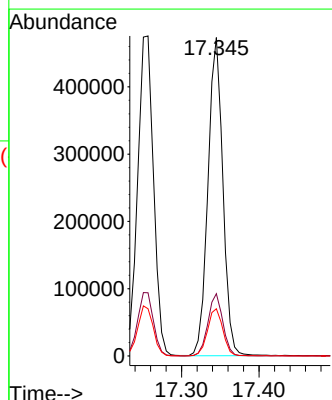
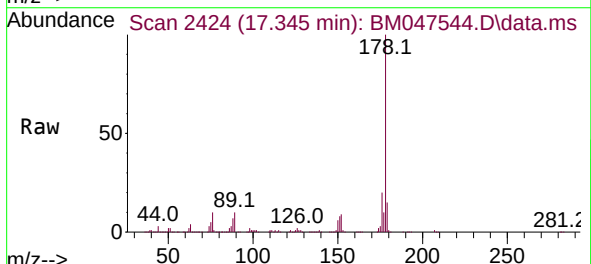
Manual Integrations
APPROVED

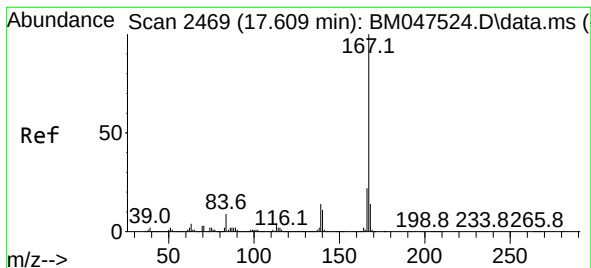
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#72
Anthracene
Concen: 6.226 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:178 Resp: 630826
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 14.8 12.3 18.5





#73

Carbazole

Concen: 6.243 ng

RT: 17.610 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

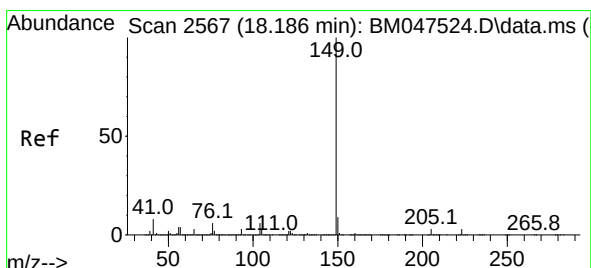
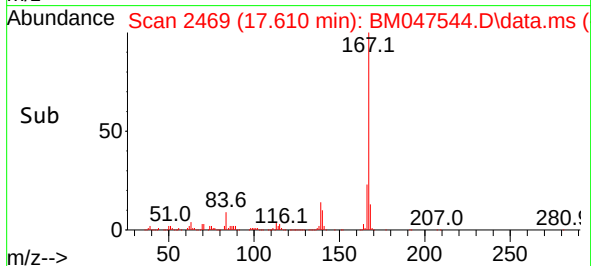
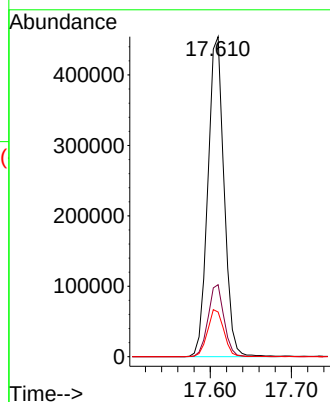
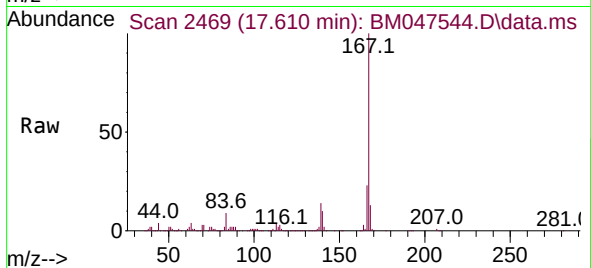
LOQ-WATER-02-QT2-2024

Tgt Ion:	167	Resp:	62684
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.8	26.8
139	14.0	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#74

Di-n-butylphthalate

Concen: 6.221 ng

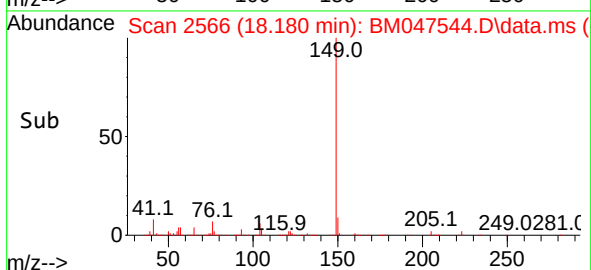
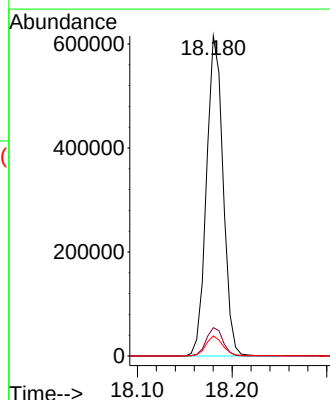
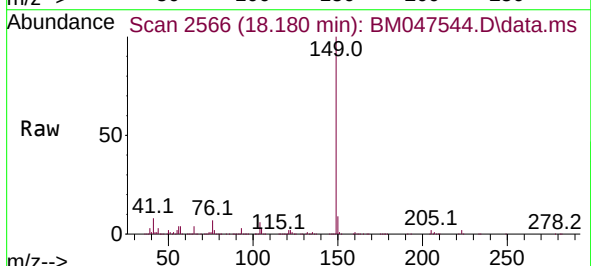
RT: 18.180 min Scan# 2566

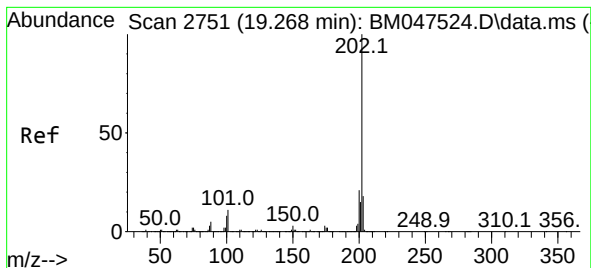
Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:	149	Resp:	747408
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.4	11.2
104	6.3	4.6	6.8





#75

Fluoranthene

Concen: 5.839 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

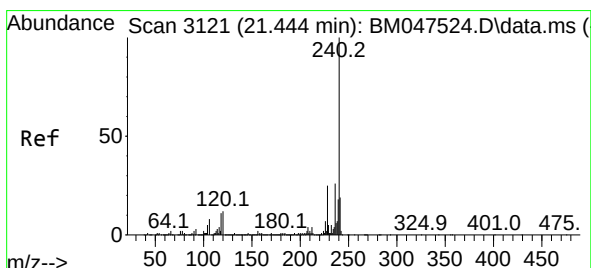
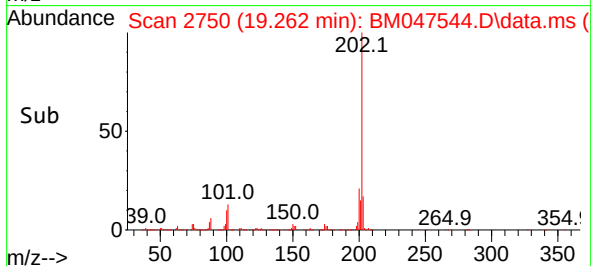
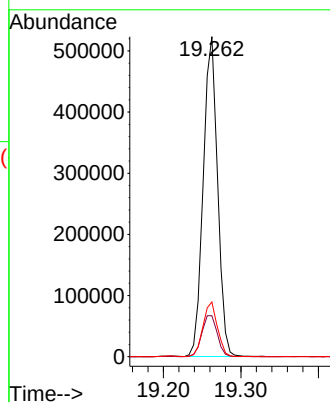
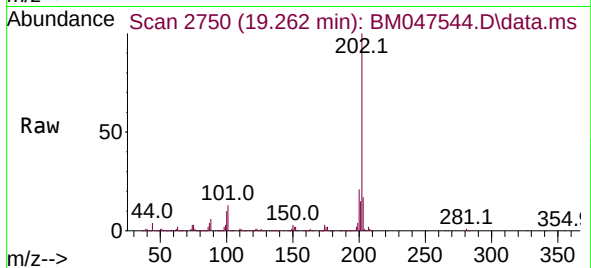
LOQ-WATER-02-QT2-2024

Tgt Ion:202 Resp: 671938
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 30.8
 203 17.1 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#76

Chrysene-d12

Concen: 20.000 ng

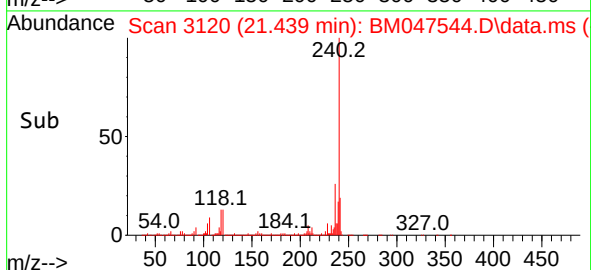
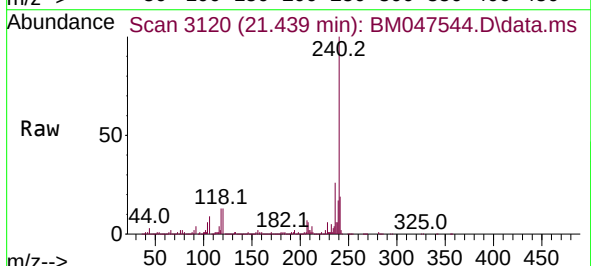
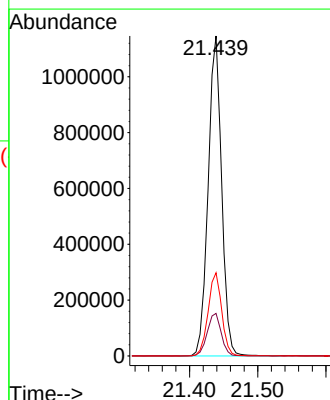
RT: 21.439 min Scan# 3120

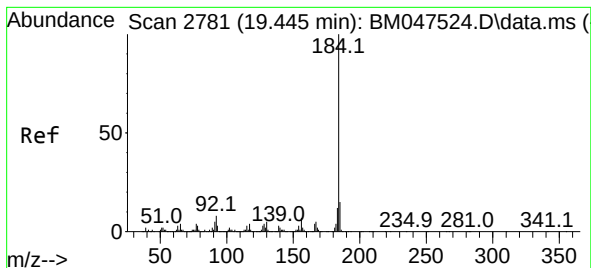
Delta R.T. -0.005 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:240 Resp: 1575110
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.6 14.4
 236 26.0 20.9 31.3





#77

Benzidine

Concen: 8.817 ng

RT: 19.445 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

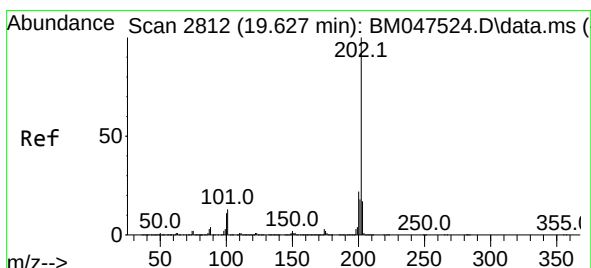
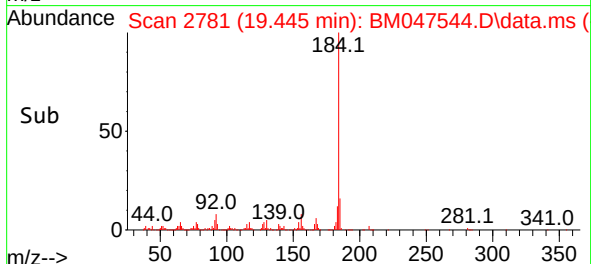
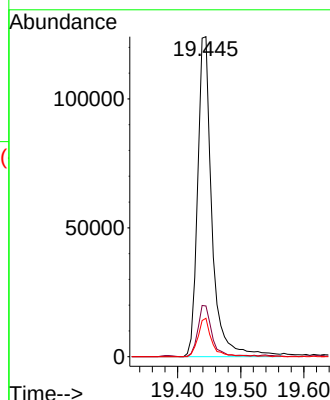
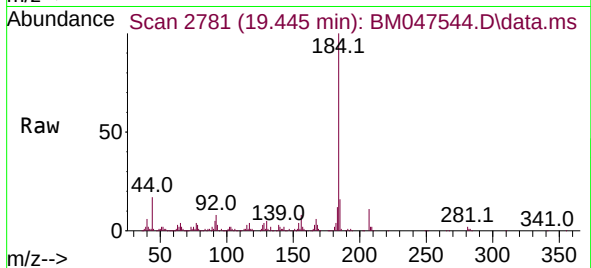
LOQ-WATER-02-QT2-2024

Tgt Ion:184	Resp: 19559
Ion Ratio	Lower Upper
184 100	
185 15.9	12.2 18.2
183 12.0	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#78

Pyrene

Concen: 6.218 ng

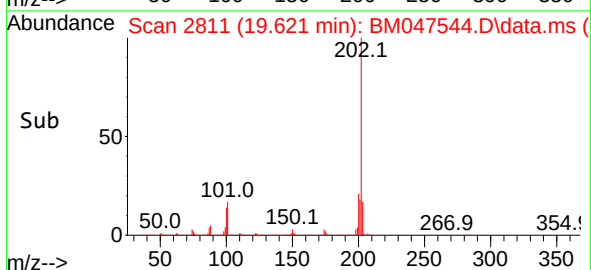
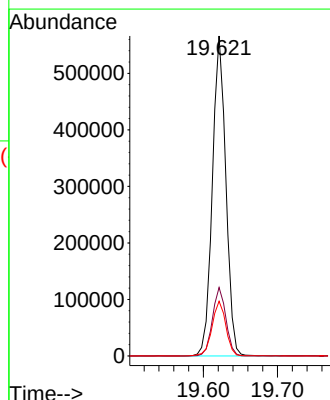
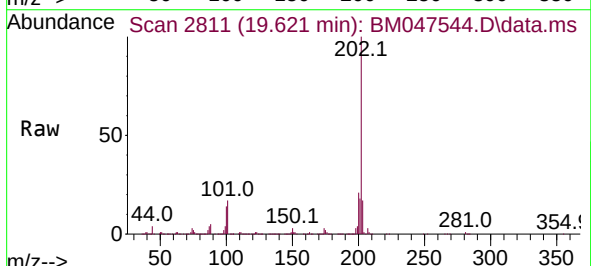
RT: 19.621 min Scan# 2811

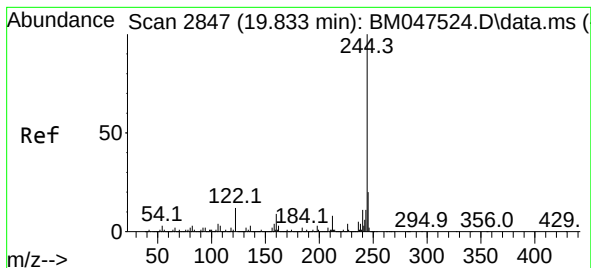
Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:202	Resp: 714367
Ion Ratio	Lower Upper
202 100	
200 21.4	17.2 25.8
203 17.1	14.0 21.0





#79

Terphenyl-d14

Concen: 69.832 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM047544.D

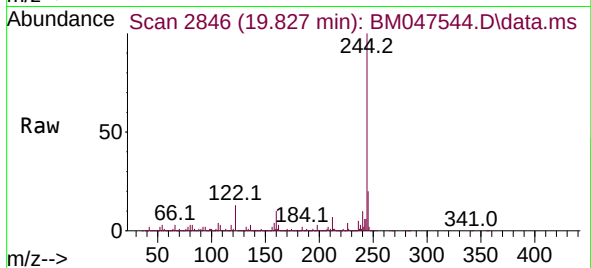
Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:244 Resp: 6138179

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

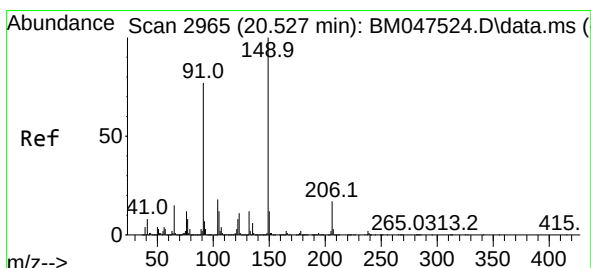
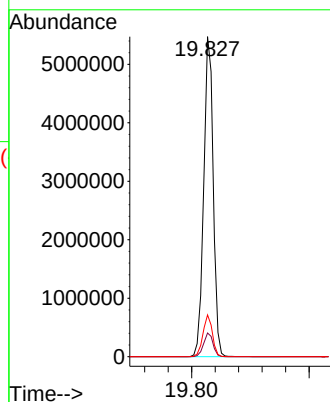
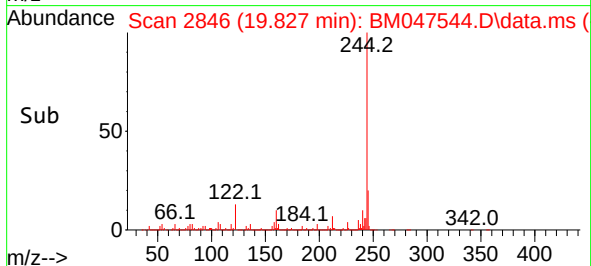
122 13.0 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#80

Butylbenzylphthalate

Concen: 5.870 ng

RT: 20.521 min Scan# 2964

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

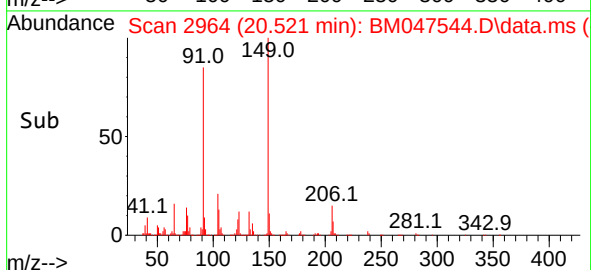
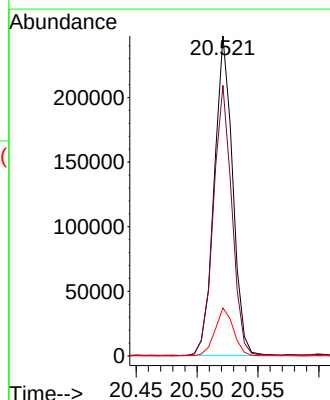
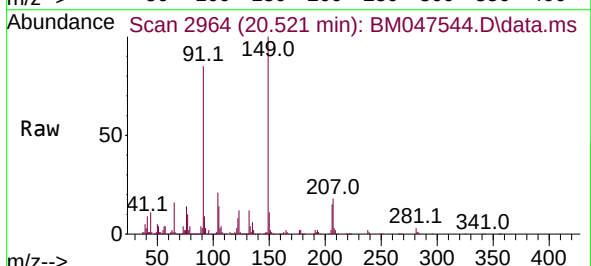
Tgt Ion:149 Resp: 259617

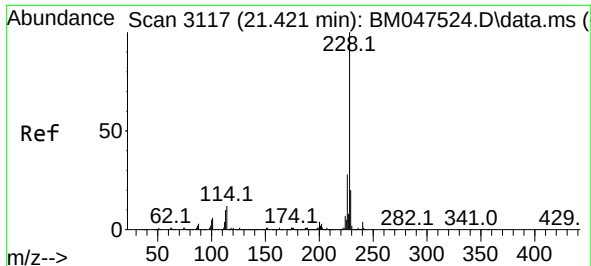
Ion Ratio Lower Upper

149 100

91 84.6 62.0 93.0

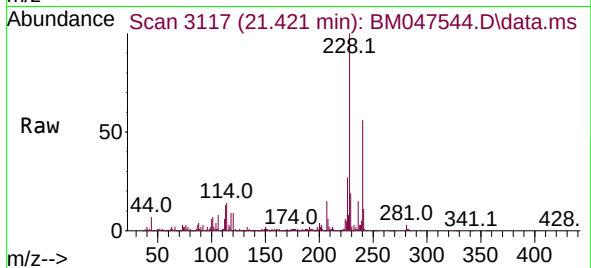
206 15.0 13.8 20.8





#81
Benzo(a)anthracene
Concen: 6.896 ng
RT: 21.421 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

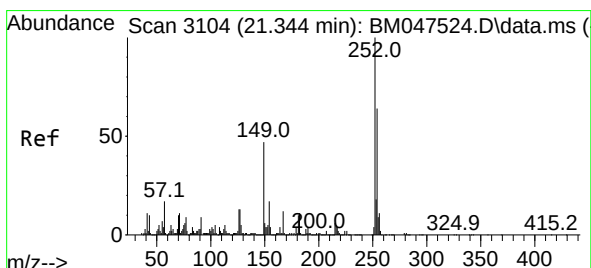
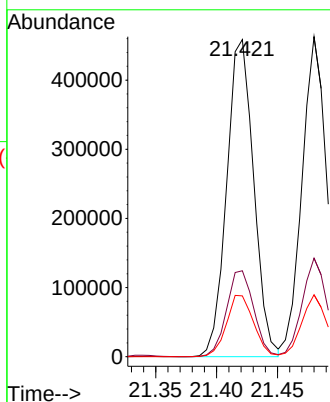
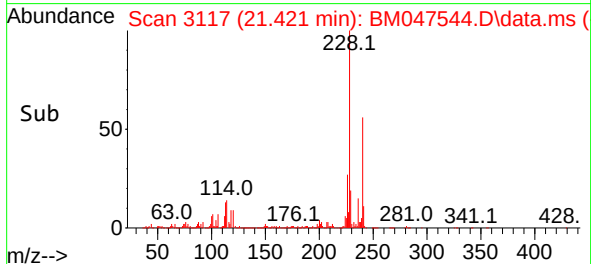
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:228 Resp: 707970
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 19.2 16.0 24.0

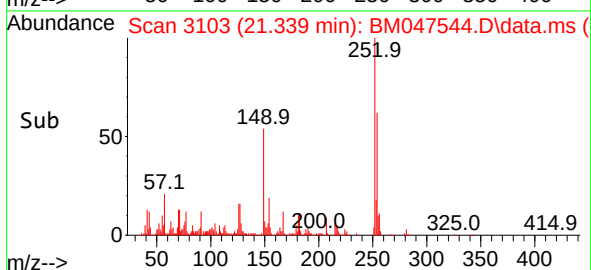
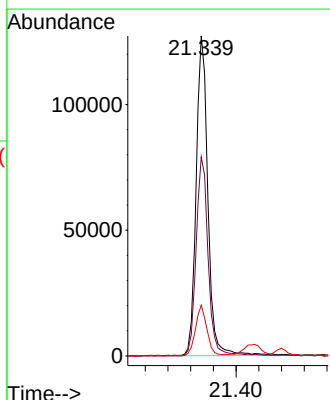
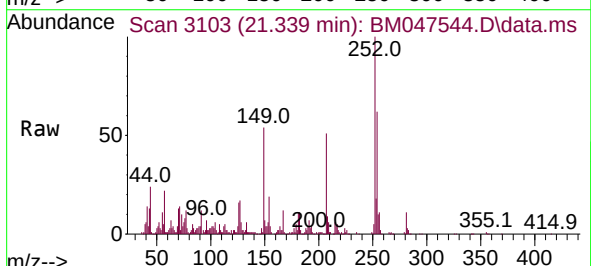
Manual Integrations
APPROVED

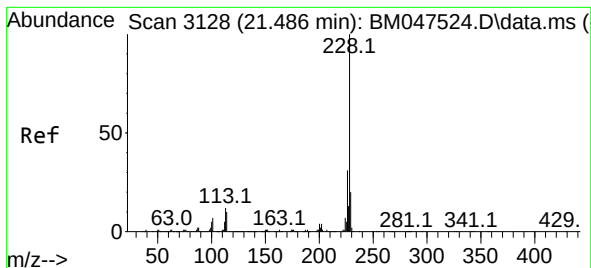
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#82
3,3'-Dichlorobenzidine
Concen: 6.713 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM047544.D
Acq: 17 Sep 2024 15:08

Tgt Ion:252 Resp: 183333
Ion Ratio Lower Upper
252 100
254 62.2 51.5 77.3
126 15.9 10.3 15.5#





#83

Chrysene

Concen: 6.807 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

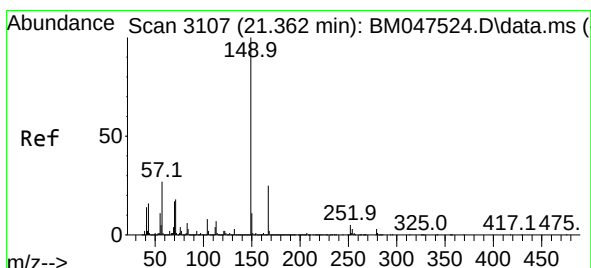
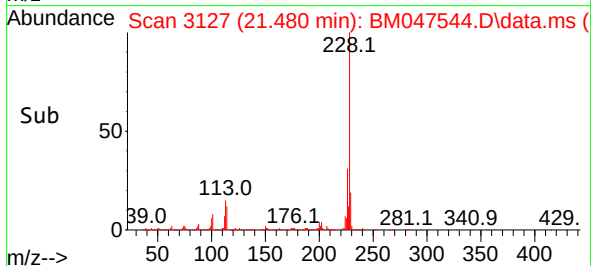
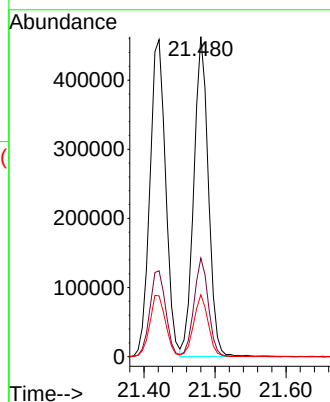
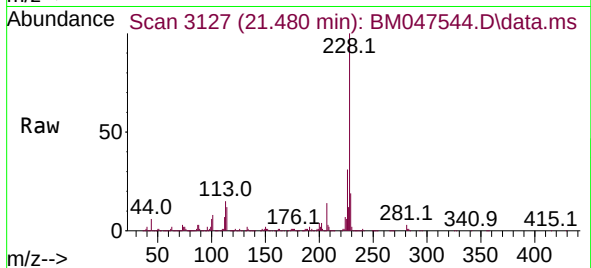
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:228 Resp: 661060
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.4 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.306 ng

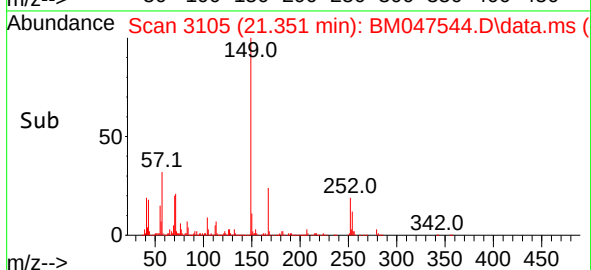
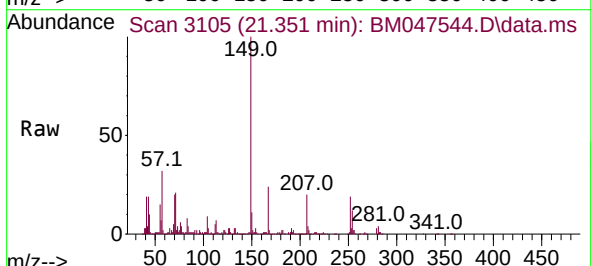
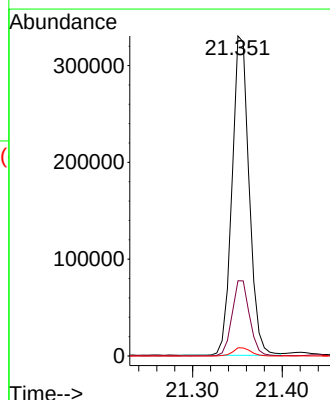
RT: 21.351 min Scan# 3105

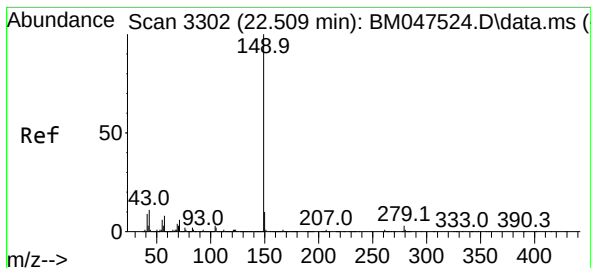
Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:149 Resp: 436916
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.2 30.4
 279 2.6 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 6.381 ng

RT: 22.497 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

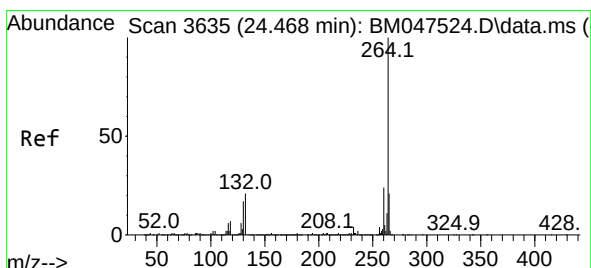
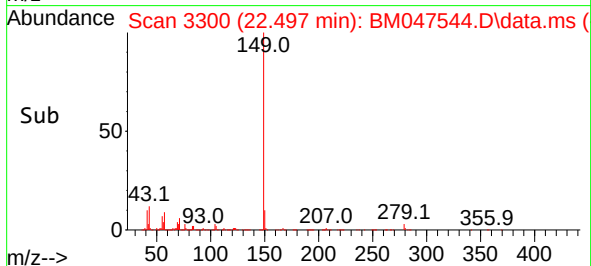
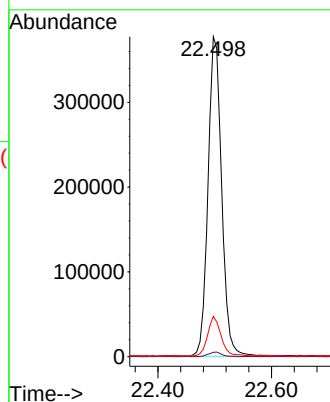
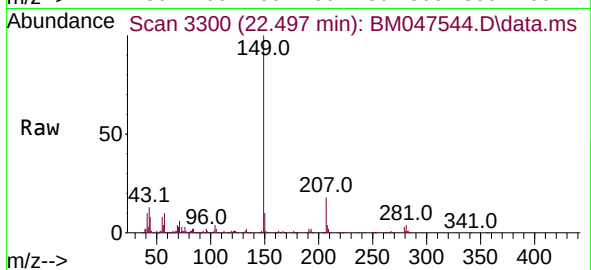
LOQ-WATER-02-QT2-2024

Tgt Ion:	149	Resp:	625378
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	12.3	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#86

Perylene-d12

Concen: 20.000 ng

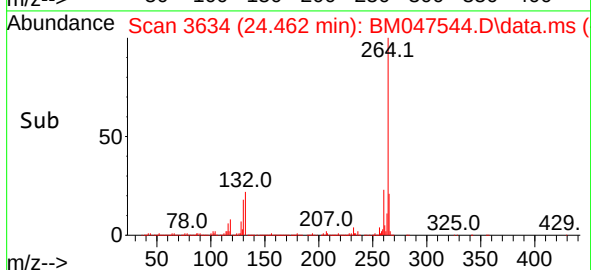
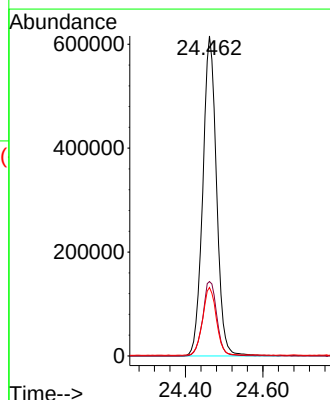
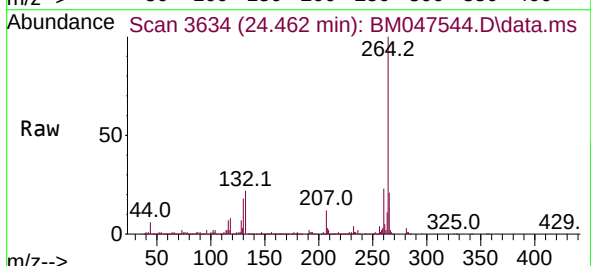
RT: 24.462 min Scan# 3634

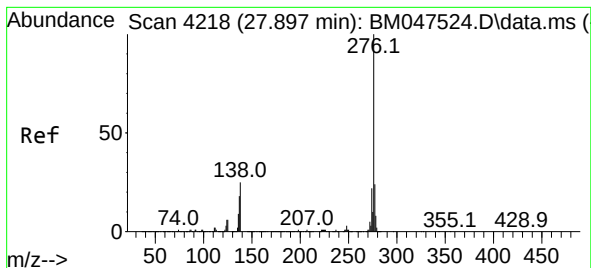
Delta R.T. -0.006 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:	264	Resp:	1514750
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.9	28.3
265	21.4	17.4	26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.313 ng

RT: 27.874 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

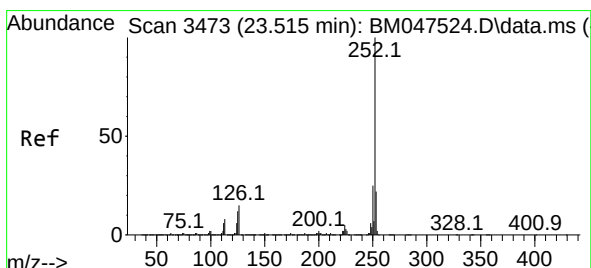
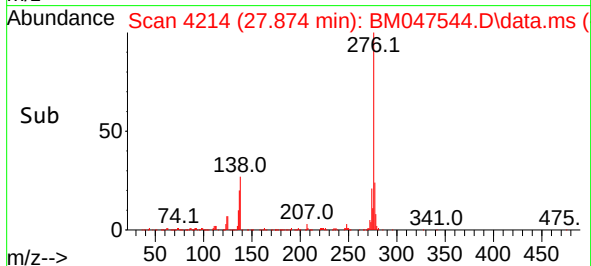
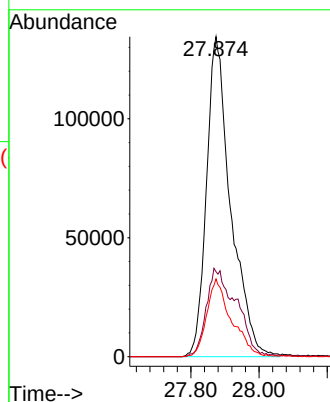
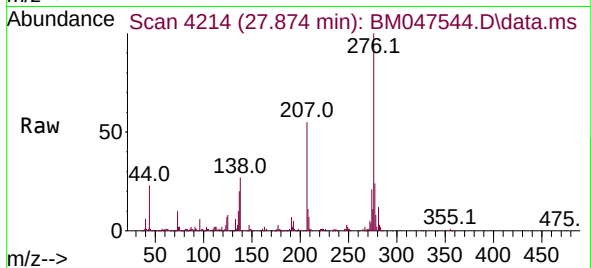
LOQ-WATER-02-QT2-2024

Tgt Ion:	276	Resp:	66289
Ion Ratio	Lower	Upper	
276	100		
138	34.2	25.0	37.6
277	24.6	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#88

Benzo(b)fluoranthene

Concen: 6.265 ng m

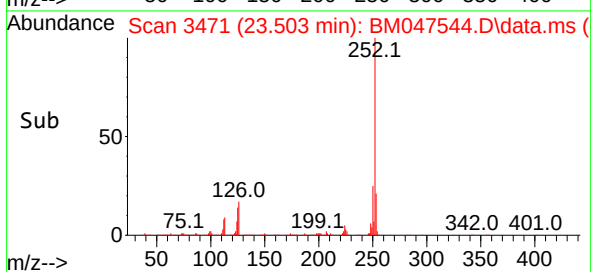
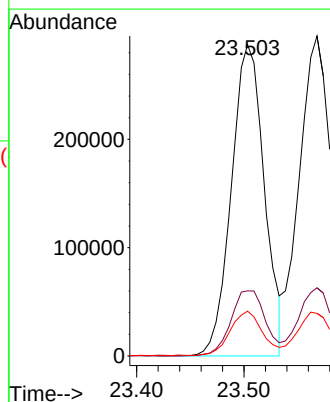
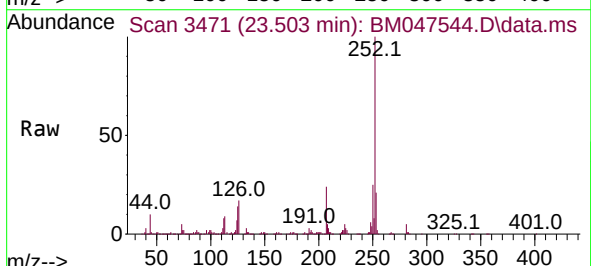
RT: 23.503 min Scan# 3471

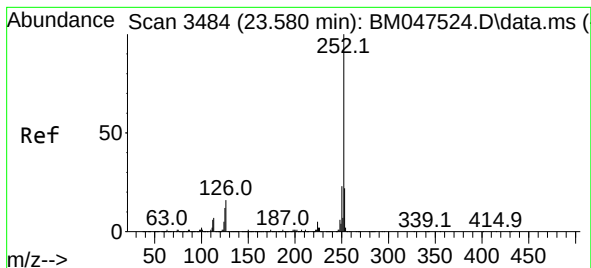
Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:	252	Resp:	613997
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.8	26.8
125	14.4	9.5	14.3





#89

Benzo(k)fluoranthene

Concen: 6.559 ng

RT: 23.568 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

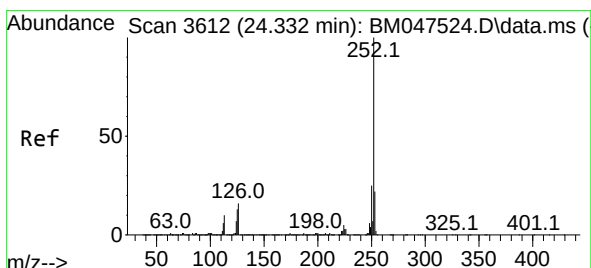
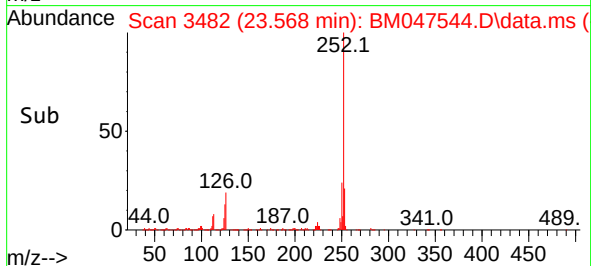
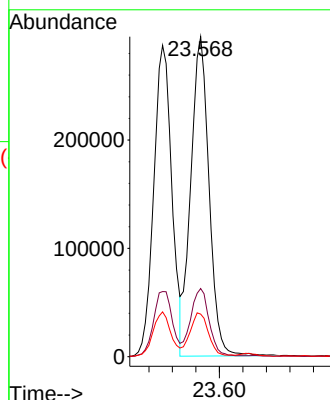
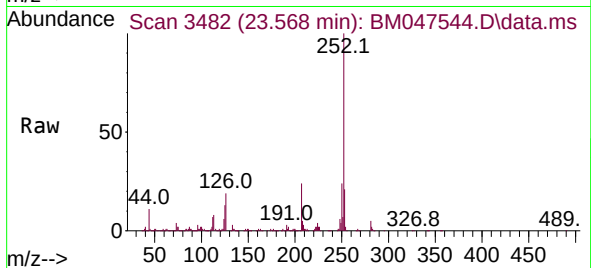
LOQ-WATER-02-QT2-2024

Tgt Ion:252 Resp: 63713
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.8 26.6
 125 13.3 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#90

Benzo(a)pyrene

Concen: 6.745 ng

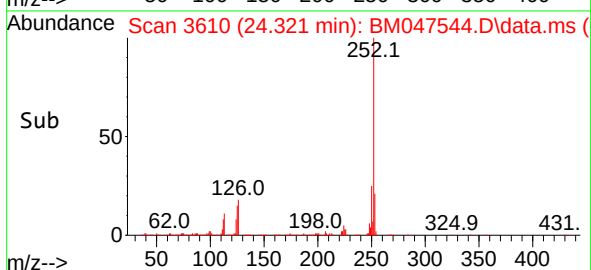
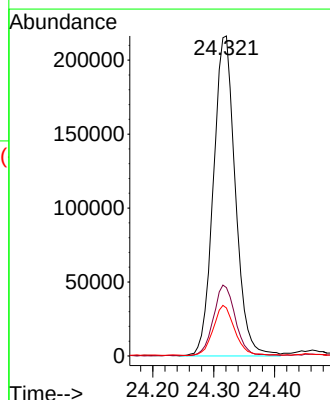
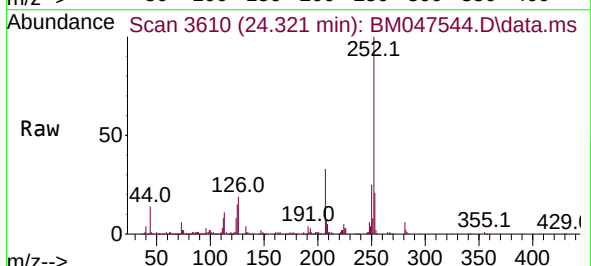
RT: 24.321 min Scan# 3610

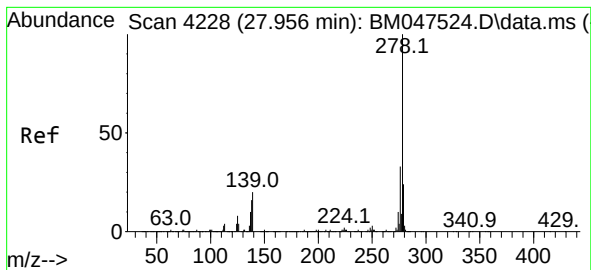
Delta R.T. -0.012 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:252 Resp: 541799
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.7 26.5
 125 15.0 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 7.057 ng

RT: 27.938 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Instrument :

BNA_M

ClientSampleId :

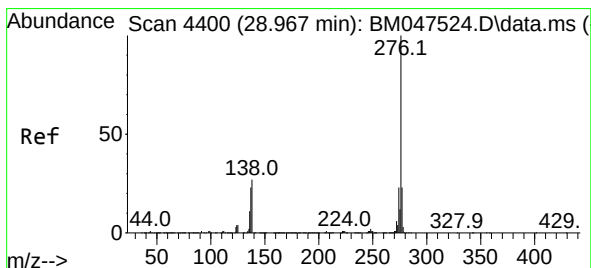
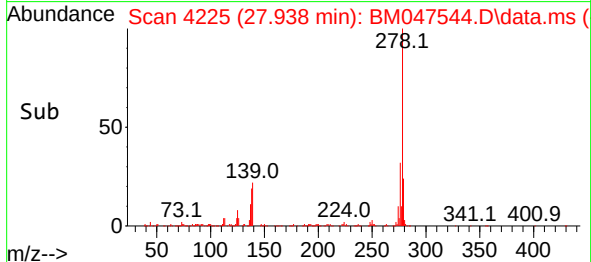
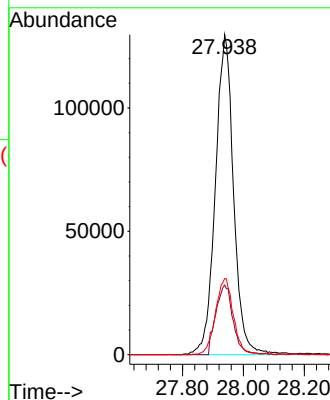
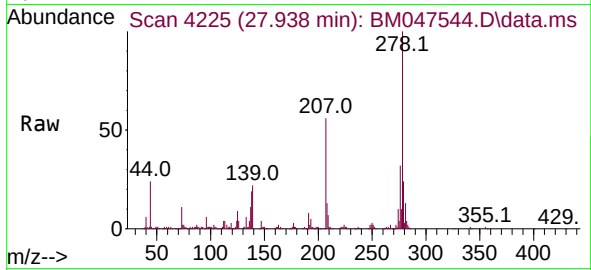
LOQ-WATER-02-QT2-2024

Tgt Ion:278	Resp: 538254
Ion Ratio	Lower Upper
278 100	
139 21.8	15.9 23.9
279 23.8	19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#92

Benzo(g,h,i)perylene

Concen: 6.884 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.035 min

Lab File: BM047544.D

Acq: 17 Sep 2024 15:08

Tgt Ion:276	Resp: 512853
Ion Ratio	Lower Upper
276 100	
277 22.7	18.6 28.0
138 28.2	21.5 32.3

