

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
 Data File : BM047541.D
 Acq On : 17 Sep 2024 12:34
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 17 13:13:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 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	481395	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2125731	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1225848	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2391113	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1986277	20.000	ng	0.00
86) Perylene-d12	24.468	264	1869878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3144774	104.014	ng	0.00
7) Phenol-d6	7.010	99	4390063	103.105	ng	0.00
23) Nitrobenzene-d5	9.004	82	3395070	79.930	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1289725	108.848	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	7197212	80.877	ng	0.00
79) Terphenyl-d14	19.833	244	10082980	90.965	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	77217	5.963	ng	98
3) Pyridine	3.722	79	188578	4.892	ng	96
4) n-Nitrosodimethylamine	3.628	42	99652	5.698	ng	# 94
6) Aniline	7.169	93	229990	6.093	ng	98
8) 2-Chlorophenol	7.410	128	173196	5.196	ng	98
9) Benzaldehyde	6.981	77	180359	8.908	ng	99
10) Phenol	7.034	94	224602	5.268	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	187896	5.490	ng	98
12) 1,3-Dichlorobenzene	7.740	146	183816	5.039	ng	98
13) 1,4-Dichlorobenzene	7.881	146	187218	5.038	ng	98
14) 1,2-Dichlorobenzene	8.198	146	182567	4.993	ng	99
15) Benzyl Alcohol	8.081	79	149849	5.196	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	276113	5.735	ng	98
17) 2-Methylphenol	8.281	107	128942	4.734	ng	97
18) Hexachloroethane	8.934	117	76657	5.164	ng	94
19) n-Nitroso-di-n-propyla...	8.651	70	147692	5.145	ng	99
20) 3+4-Methylphenols	8.610	107	177034	4.658	ng	99
22) Acetophenone	8.663	105	284054	5.083	ng	# 98
24) Nitrobenzene	9.040	77	234935	5.383	ng	99
25) Isophorone	9.569	82	392131	5.251	ng	99
26) 2-Nitrophenol	9.751	139	61531	4.137	ng	95
27) 2,4-Dimethylphenol	9.810	122	119929m	5.319	ng	
28) bis(2-Chloroethoxy)met...	10.051	93	244722	5.217	ng	98
29) 2,4-Dichlorophenol	10.287	162	128231	4.477	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	154577	4.711	ng	95
31) Naphthalene	10.692	128	557488	4.856	ng	99
32) Benzoic acid	9.869	122	46839	8.513	ng	98
33) 4-Chloroaniline	10.792	127	214114	5.158	ng	98
34) Hexachlorobutadiene	10.986	225	81637	4.492	ng	98
35) Caprolactam	11.551	113	42469	4.501	ng	100
36) 4-Chloro-3-methylphenol	11.916	107	149931	4.567	ng	99
37) 2-Methylnaphthalene	12.304	142	354871	4.644	ng	99
38) 1-Methylnaphthalene	12.522	142	337205	4.441	ng	100
40) 1,2,4,5-Tetrachloroben...	12.669	216	158052	4.765	ng	98
41) Hexachlorocyclopentadiene	12.663	237	29486	2.719	ng	95
43) 2,4,6-Trichlorophenol	12.910	196	88047	4.237	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	98157	4.182	ng	98
46) 1,1'-Biphenyl	13.316	154	473913	4.969	ng	98
47) 2-Chloronaphthalene	13.351	162	347910	4.698	ng	99
48) 2-Nitroaniline	13.545	65	95375	4.385	ng	93
49) Acenaphthylene	14.198	152	546112	5.110	ng	100
50) Dimethylphthalate	13.933	163	404780	4.845	ng	99
51) 2,6-Dinitrotoluene	14.039	165	74566	4.228	ng	87
52) Acenaphthene	14.539	154	339963	4.540	ng	98
53) 3-Nitroaniline	14.369	138	87700	4.473	ng	98
54) 2,4-Dinitrophenol	14.569	184	20181	5.666	ng	# 84
55) Dibenzofuran	14.874	168	513264	4.878	ng	97
56) 4-Nitrophenol	14.669	139	65931	4.087	ng	96
57) 2,4-Dinitrotoluene	14.827	165	94482	4.016	ng	# 92
58) Fluorene	15.521	166	417627	4.408	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.098	232	80144m	4.379	ng	
60) Diethylphthalate	15.298	149	425964	4.790	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	184616	4.262	ng	94
62) 4-Nitroaniline	15.521	138	90071	3.909	ng	91
63) Azobenzene	15.810	77	511938	5.229	ng	97
65) 4,6-Dinitro-2-methylph...	15.586	198	32499	9.442	ng	94
66) n-Nitrosodiphenylamine	15.727	169	326071	4.458	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	98921	4.258	ng	98
68) Hexachlorobenzene	16.521	284	114175	4.338	ng	92
69) Atrazine	16.674	200	92418	4.571	ng	98
70) Pentachlorophenol	16.863	266	51690	3.388	ng	98
71) Phenanthrene	17.251	178	614052	4.660	ng	99
72) Anthracene	17.345	178	544747	4.303	ng	98
73) Carbazole	17.610	167	557713	4.445	ng	98
74) Di-n-butylphthalate	18.180	149	683013	4.550	ng	99
75) Fluoranthene	19.262	202	606169	4.216	ng	97
77) Benzidine	19.439	184	113001	4.039	ng	99
78) Pyrene	19.621	202	643960	4.445	ng	99
80) Butylbenzylphthalate	20.521	149	235488	4.222	ng	92
81) Benzo(a)anthracene	21.421	228	629601	4.863	ng	98
82) 3,3'-Dichlorobenzidine	21.339	252	158706	4.608	ng	# 96
83) Chrysene	21.480	228	585349	4.780	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	397325	4.548	ng	97
85) Di-n-octyl phthalate	22.503	149	559135	4.524	ng	97
87) Indeno(1,2,3-cd)pyrene	27.874	276	570924	5.102	ng	98
88) Benzo(b)fluoranthene	23.509	252	554785	4.586	ng	98
89) Benzo(k)fluoranthene	23.568	252	546176	4.555	ng	98
90) Benzo(a)pyrene	24.321	252	471027	4.750	ng	# 97
91) Dibenzo(a,h)anthracene	27.938	278	464503	4.934	ng	98
92) Benzo(g,h,i)perylene	28.944	276	445931	4.849	ng	97

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

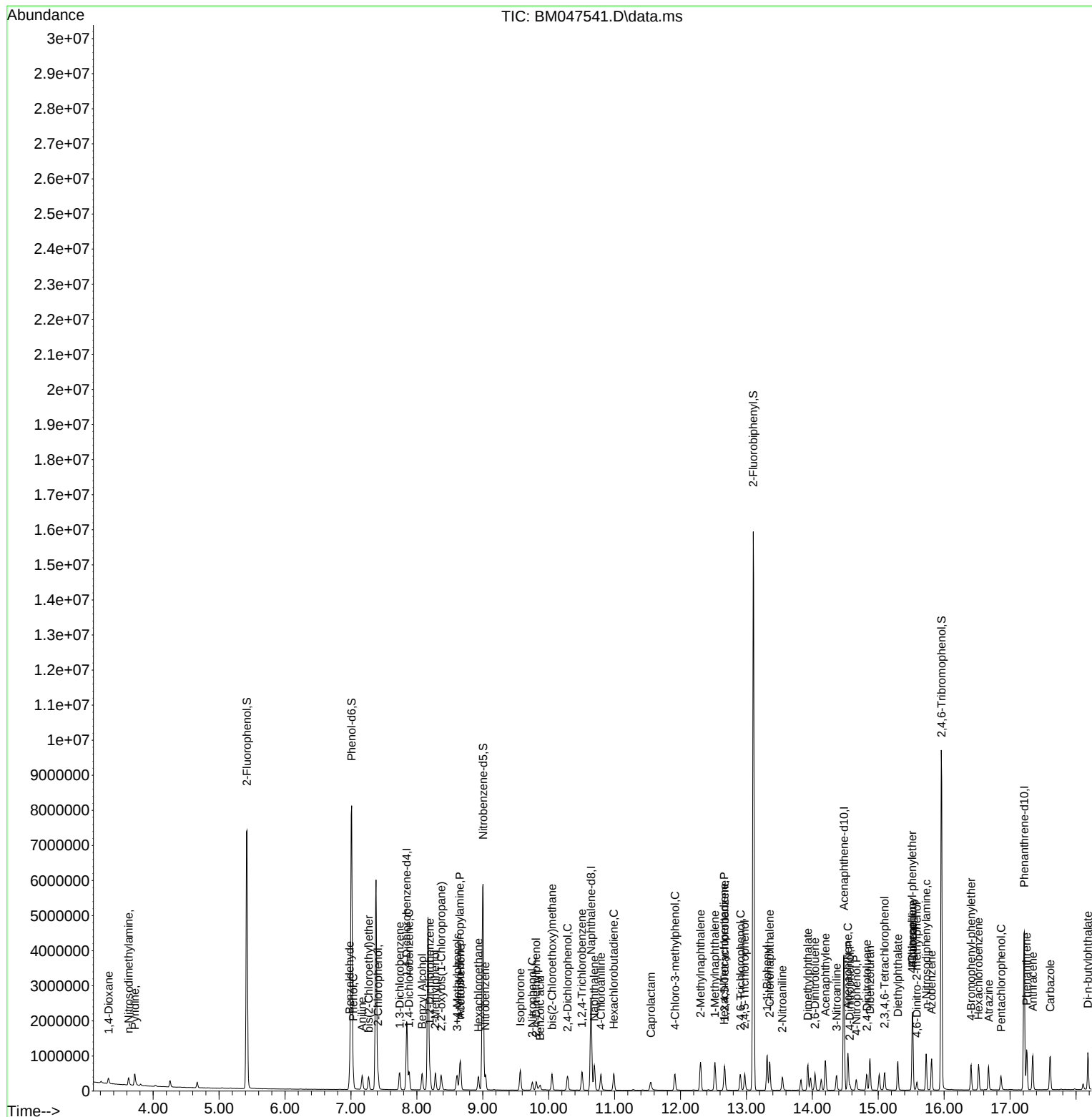
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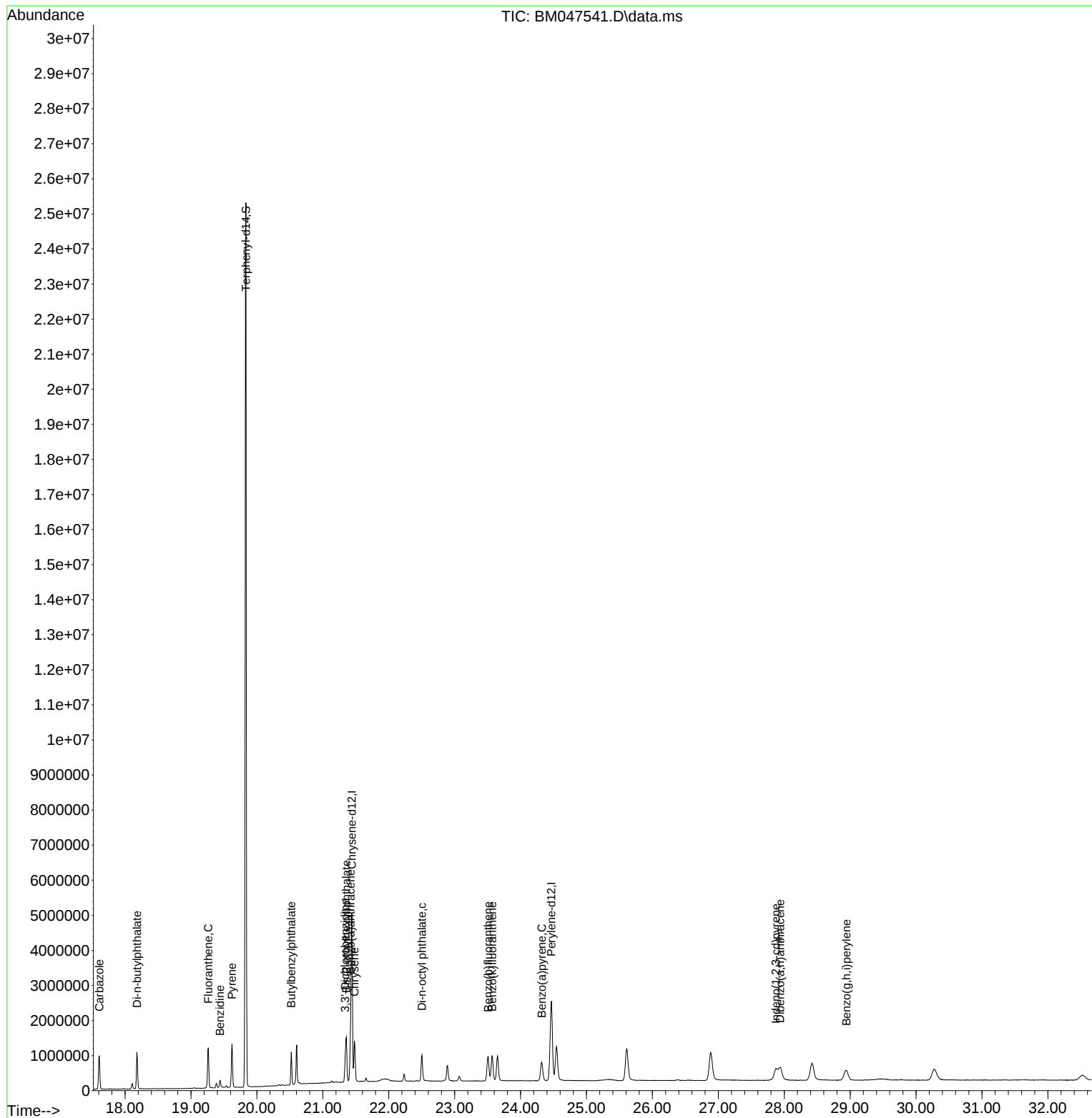
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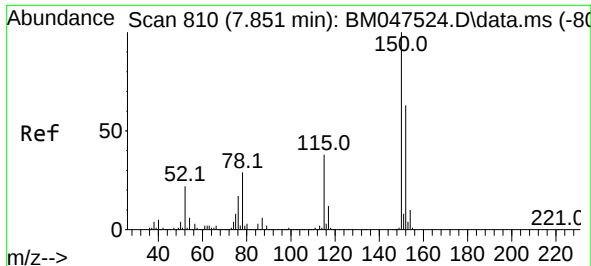
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ClientSampleId :
LOQ-WATER-02-QT2-2024

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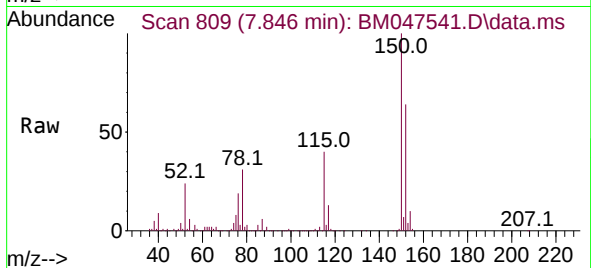
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Supervised By :mohammad ahmed 09/19/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

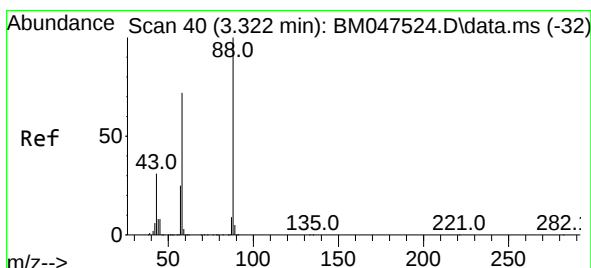
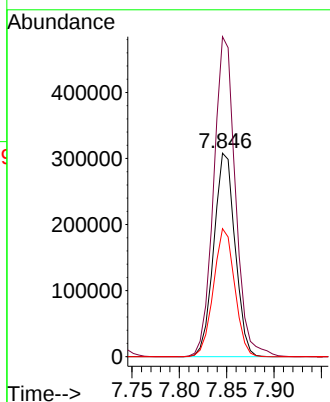
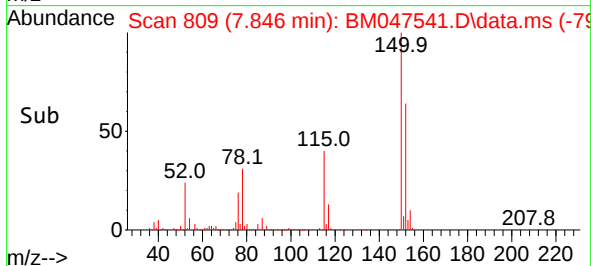
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:152 Resp: 48139
Ion Ratio Lower Upper
152 100
150 157.2 126.8 190.2
115 62.9 47.8 71.8

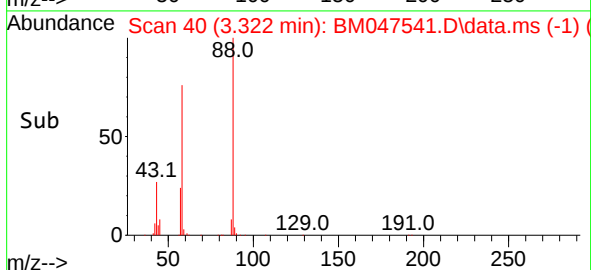
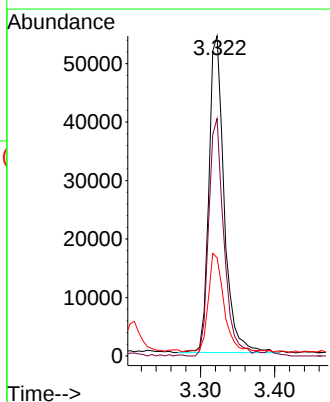
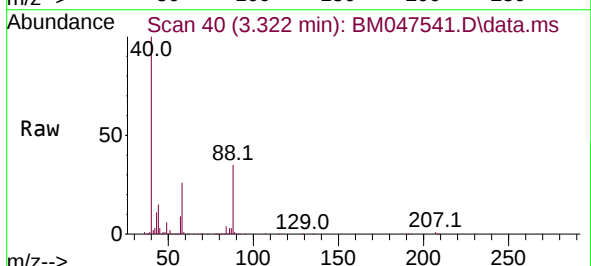
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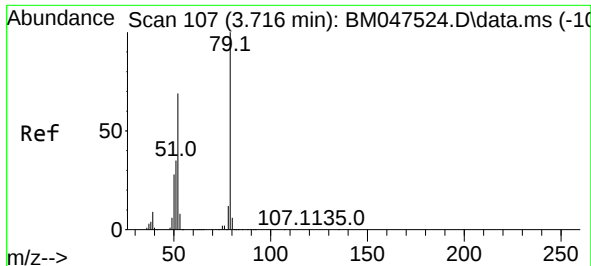
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#2
1,4-Dioxane
Concen: 5.963 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

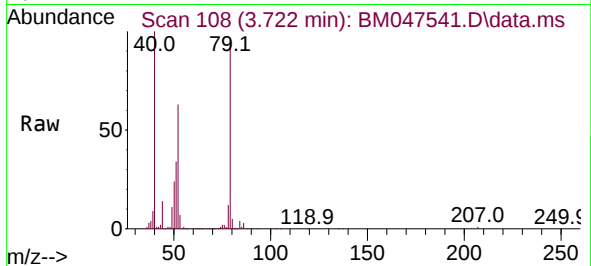
Tgt Ion: 88 Resp: 77217
Ion Ratio Lower Upper
88 100
58 75.7 59.0 88.6
43 32.0 25.0 37.4





#3
Pyridine
Concen: 4.892 ng
RT: 3.722 min Scan# 107
Delta R.T. 0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

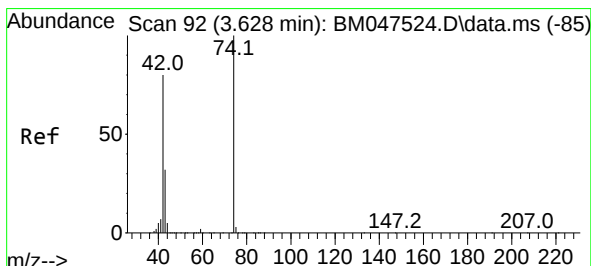
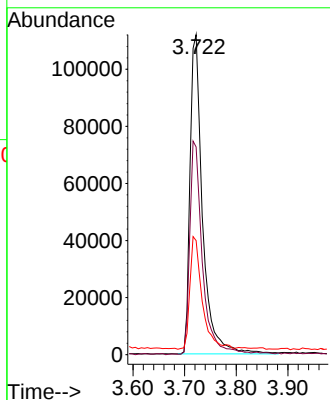
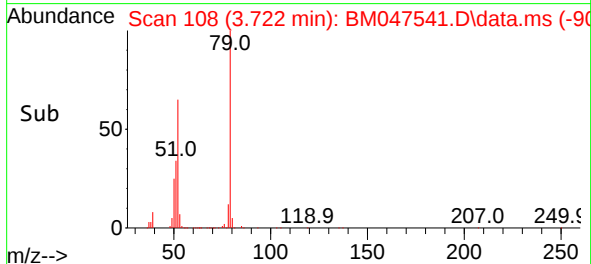
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 188578
Ion Ratio Lower Upper
79 100
52 64.9 55.4 83.0
51 35.6 27.9 41.9

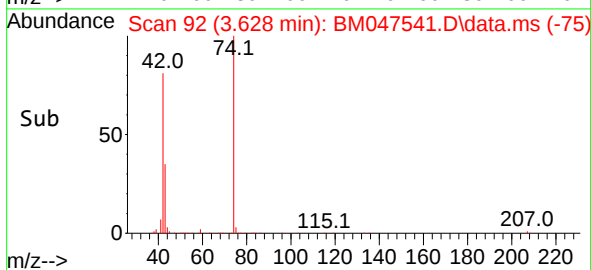
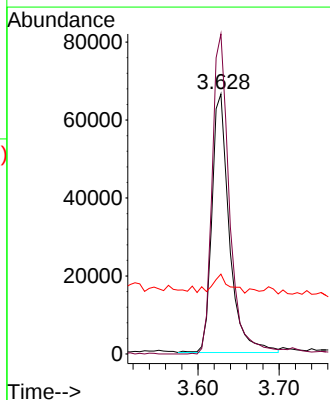
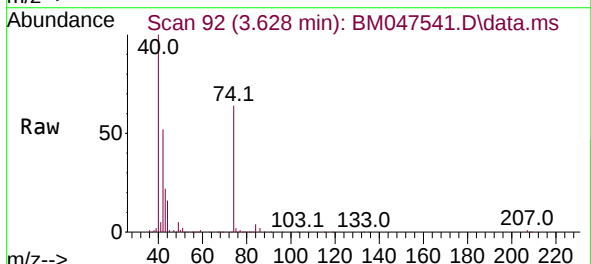
Manual Integrations
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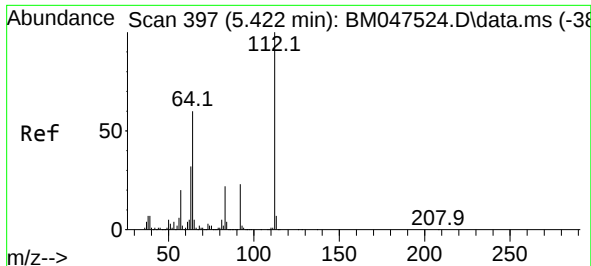
Reviewed By :Jagrut Upadhyay 09/18/2024
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#4
n-Nitrosodimethylamine
Concen: 5.698 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

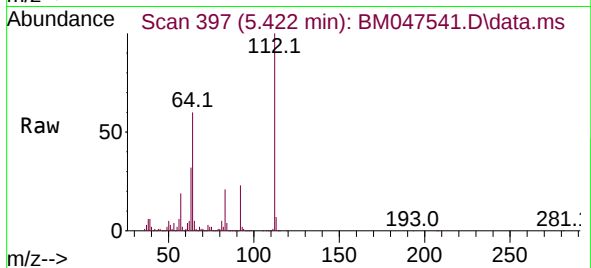
Tgt Ion: 42 Resp: 99652
Ion Ratio Lower Upper
42 100
74 123.0 100.5 150.7
44 30.7 6.9 10.3





#5
2-Fluorophenol
Concen: 104.014 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

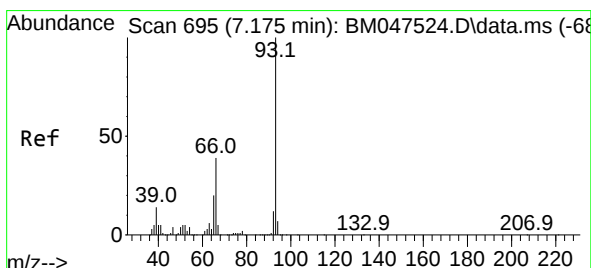
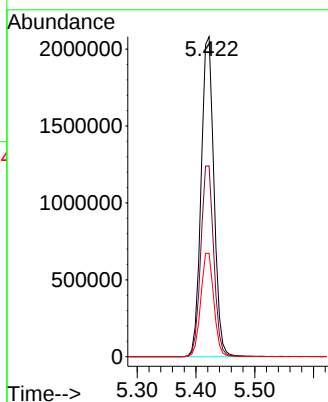
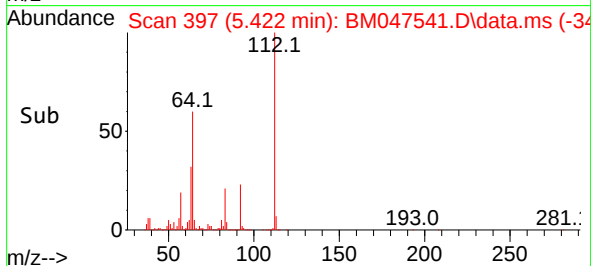
Instrument :
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Tgt Ion:112 Resp: 3144774
Ion Ratio Lower Upper
112 100
64 59.6 48.2 72.4
63 32.3 26.0 39.0

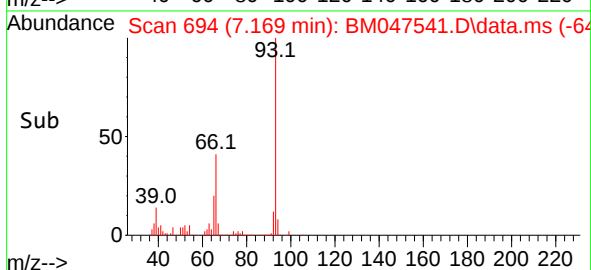
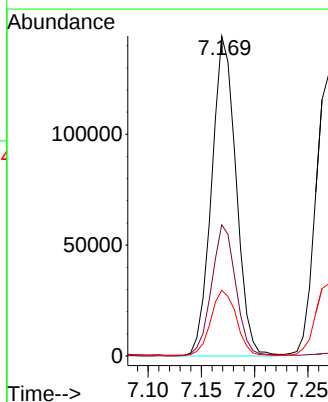
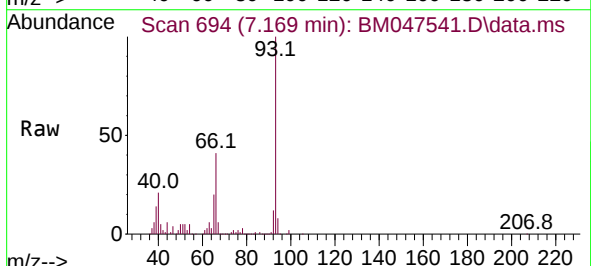
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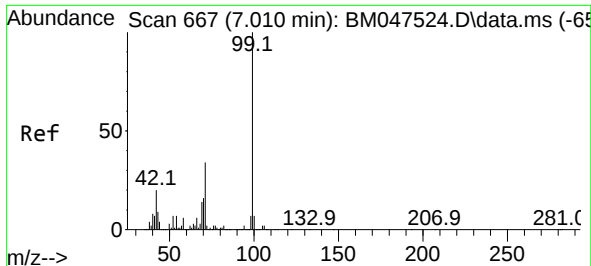
Reviewed By :Jagrut Upadhyay 09/18/2024
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#6
Aniline
Concen: 6.093 ng
RT: 7.169 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

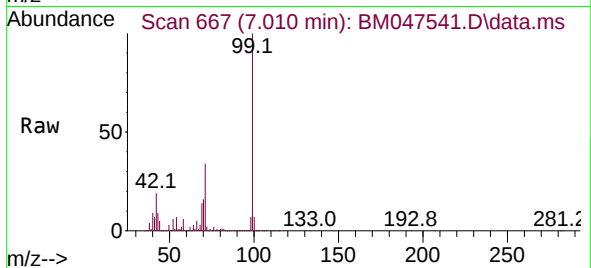
Tgt Ion: 93 Resp: 229990
Ion Ratio Lower Upper
93 100
66 41.0 31.4 47.0
65 20.5 16.3 24.5





#7
Phenol-d6
Concen: 103.105 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

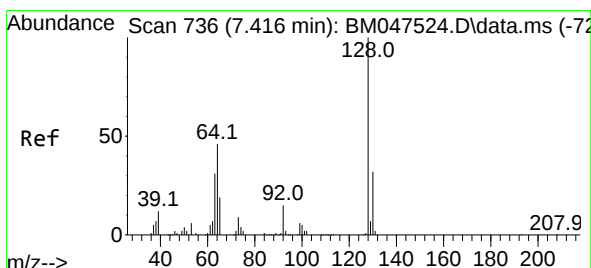
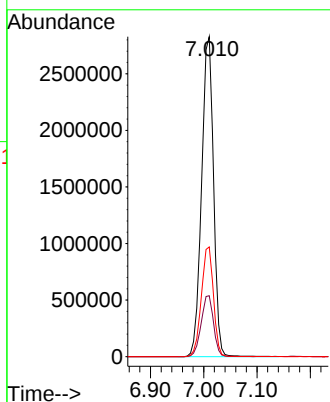
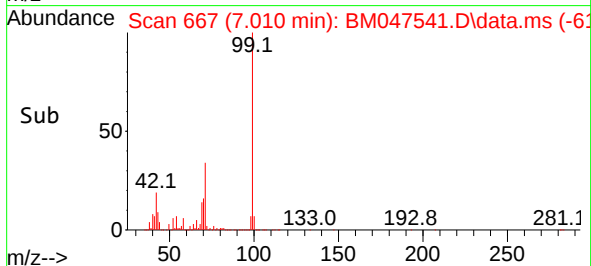
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 99 Resp: 439006
Ion Ratio Lower Upper
99 100
42 19.1 15.8 23.8
71 34.3 27.6 41.4

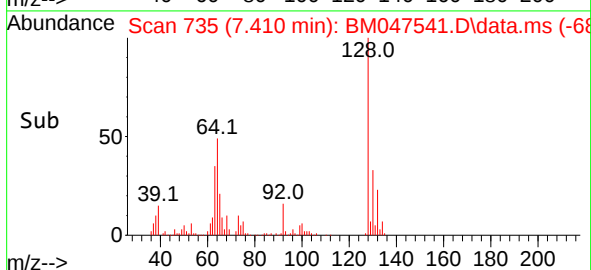
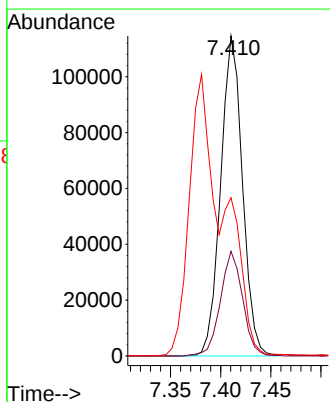
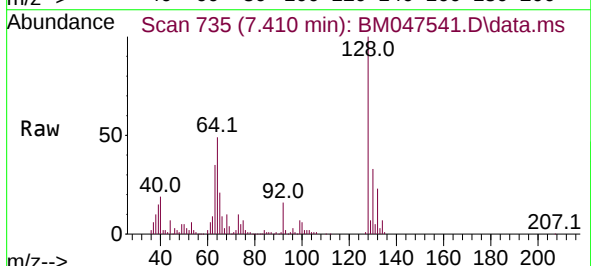
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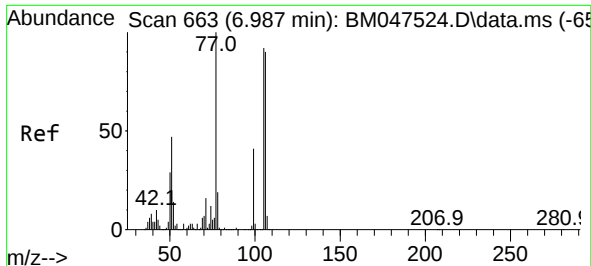
Reviewed By :Jagrut Upadhyay 09/18/2024
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#8
2-Chlorophenol
Concen: 5.196 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
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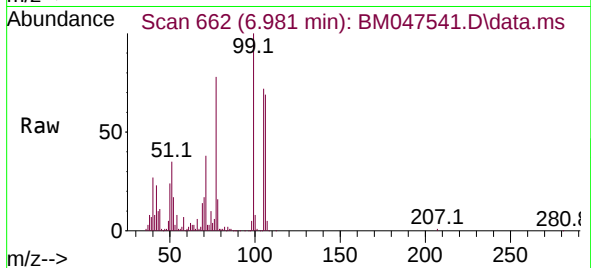
Tgt Ion:128 Resp: 173196
Ion Ratio Lower Upper
128 100
130 32.7 11.8 51.8
64 49.5 27.6 67.6





#9
Benzaldehyde
Concen: 8.908 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

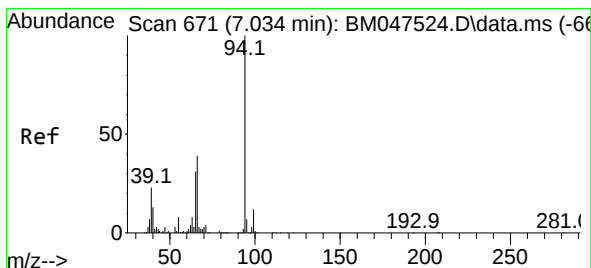
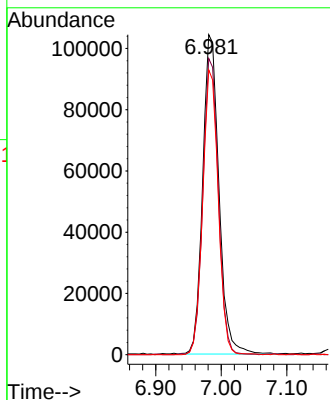
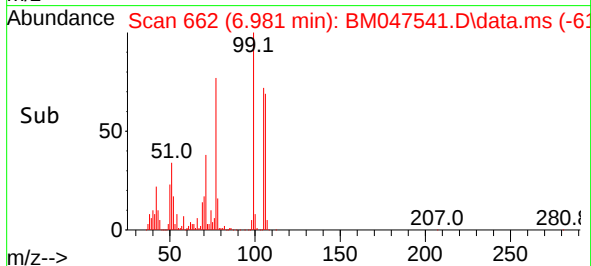
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 77 Resp: 180359
Ion Ratio Lower Upper
77 100
105 92.5 71.8 111.8
106 89.0 69.7 109.7

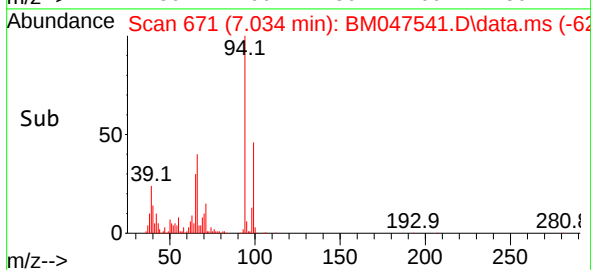
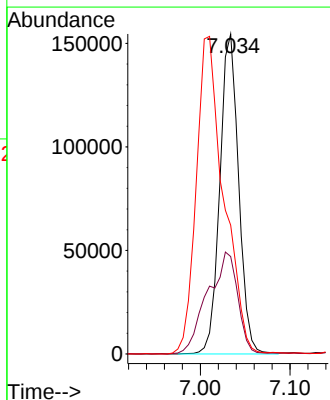
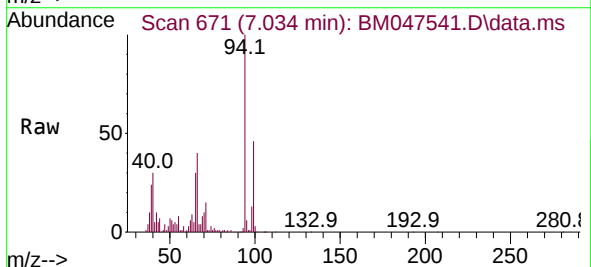
Manual Integrations
APPROVED

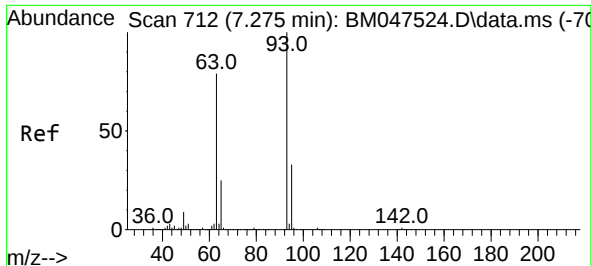
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#10
Phenol
Concen: 5.268 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

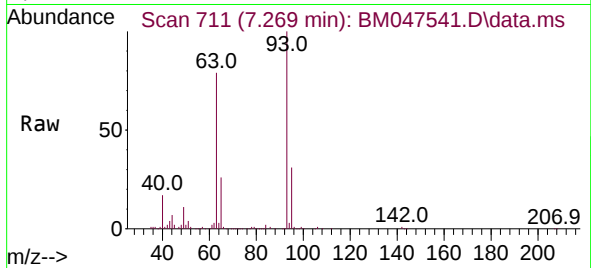
Tgt Ion: 94 Resp: 224602
Ion Ratio Lower Upper
94 100
65 30.4 10.8 50.8
66 40.3 19.2 59.2





#11
bis(2-Chloroethyl)ether
Concen: 5.490 ng
RT: 7.269 min Scan# 712
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

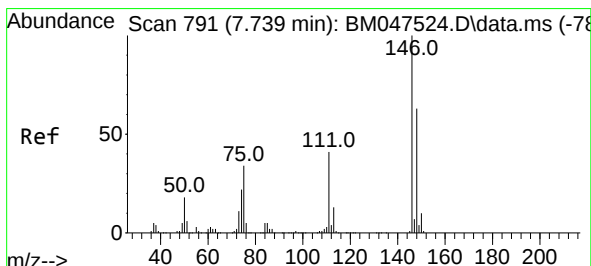
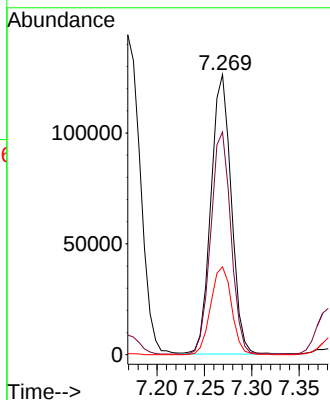
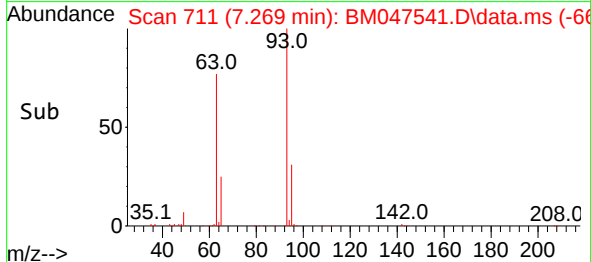
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 93 Resp: 187890
Ion Ratio Lower Upper
93 100
63 79.5 58.2 98.2
95 31.3 12.8 52.8

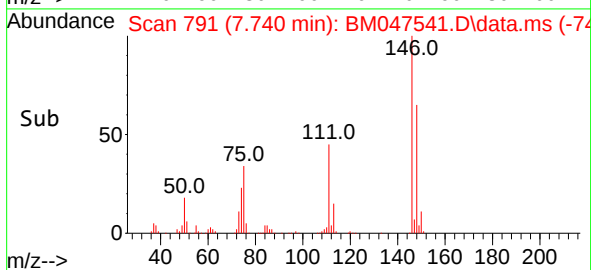
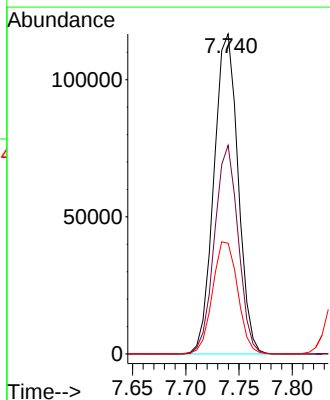
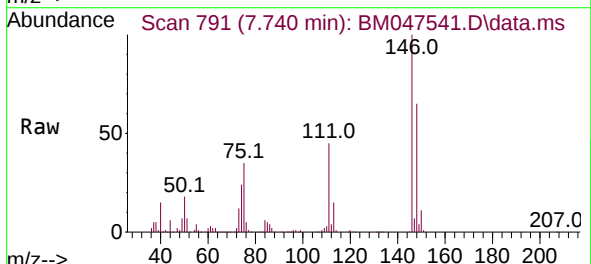
Manual Integrations
APPROVED

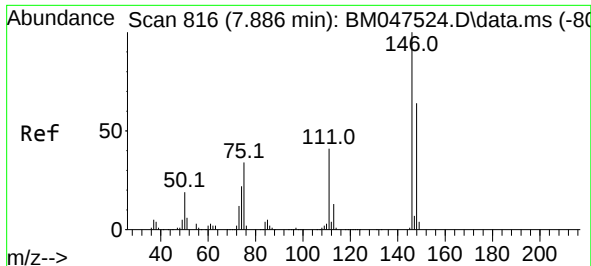
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#12
1,3-Dichlorobenzene
Concen: 5.039 ng
RT: 7.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:146 Resp: 183816
Ion Ratio Lower Upper
146 100
148 65.2 50.2 75.4
75 34.6 27.4 41.0





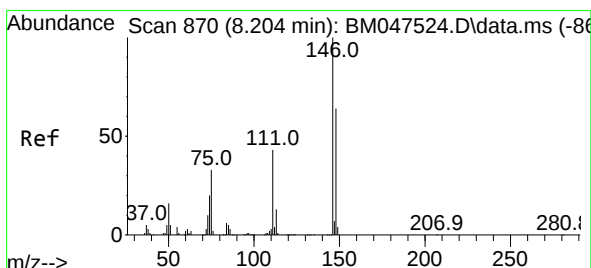
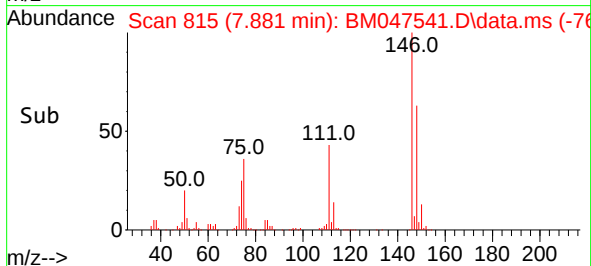
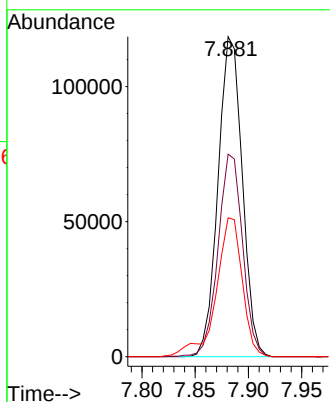
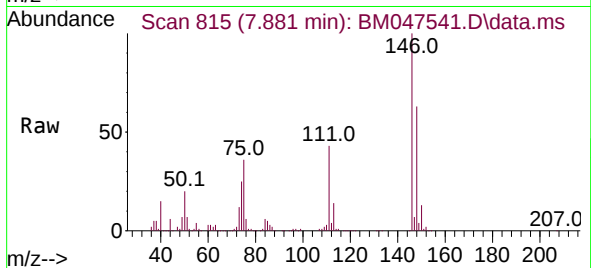
#13
1,4-Dichlorobenzene
Concen: 5.038 ng
RT: 7.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

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

Tgt Ion:146 Resp: 187218
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 43.4 32.9 49.3

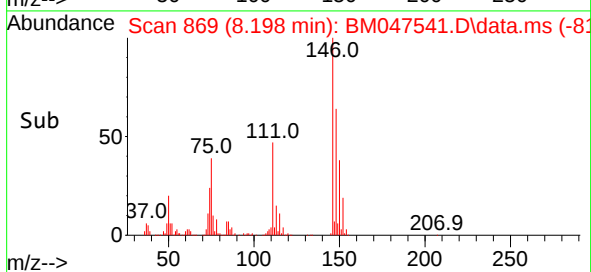
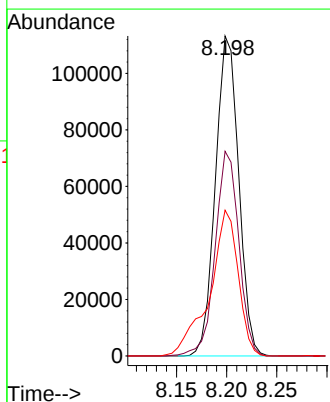
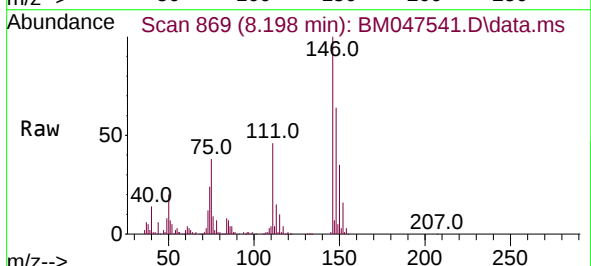
Manual Integrations
APPROVED

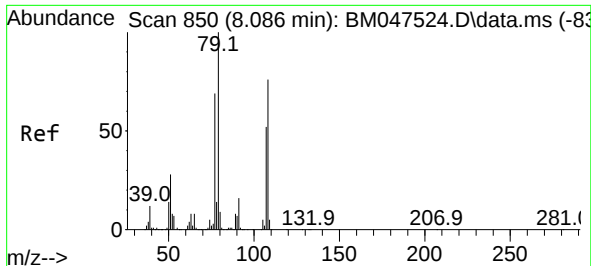
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#14
1,2-Dichlorobenzene
Concen: 4.993 ng
RT: 8.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

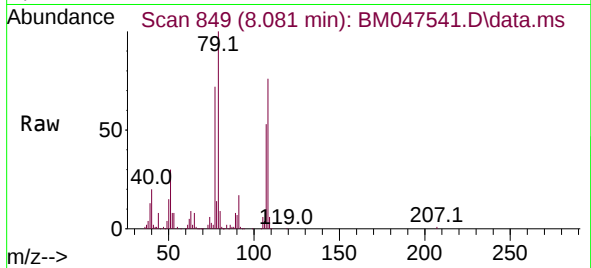
Tgt Ion:146 Resp: 182567
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 45.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 5.196 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

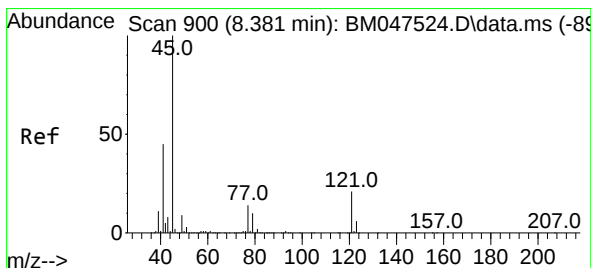
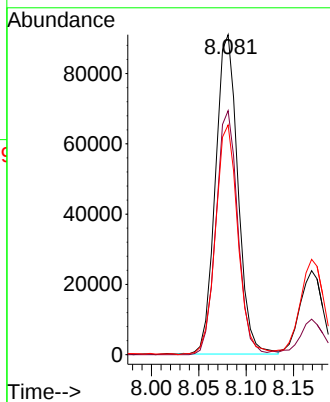
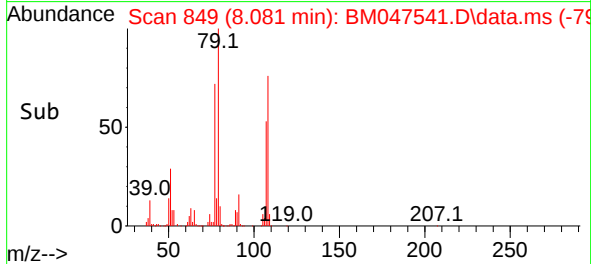
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 149849
Ion Ratio Lower Upper
79 100
108 76.2 60.6 91.0
77 71.8 55.0 82.4

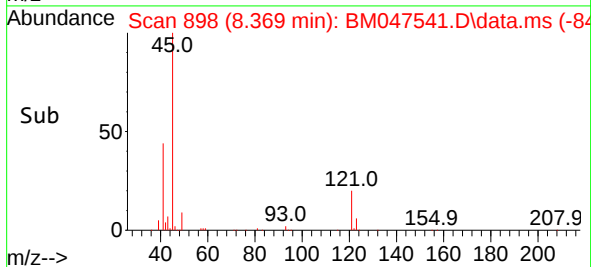
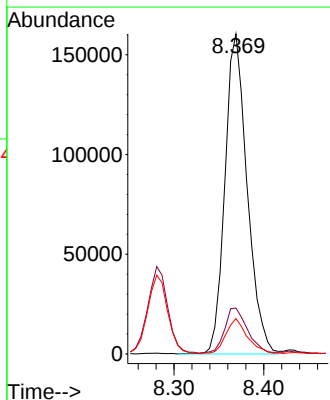
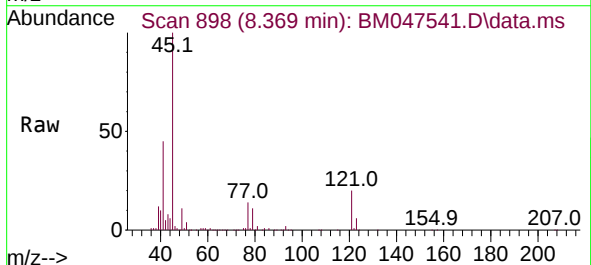
Manual Integrations
APPROVED

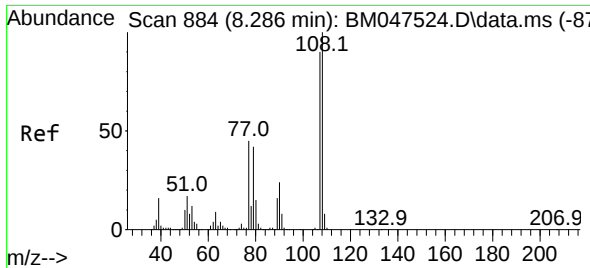
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.735 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

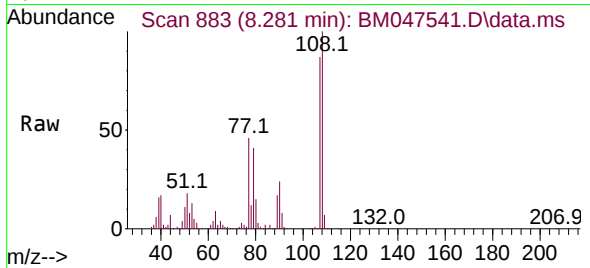
Tgt Ion: 45 Resp: 276113
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.7
79 11.1 0.0 30.3





#17
2-Methylphenol
Concen: 4.734 ng
RT: 8.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

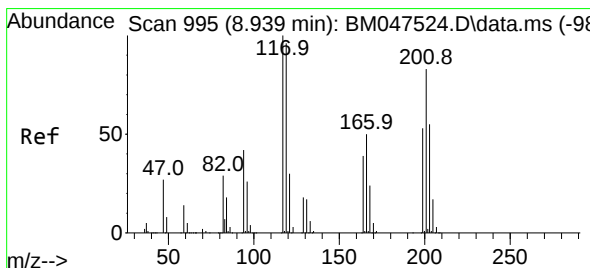
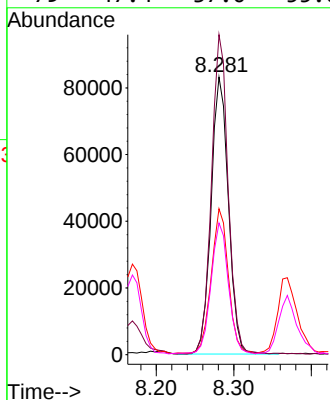
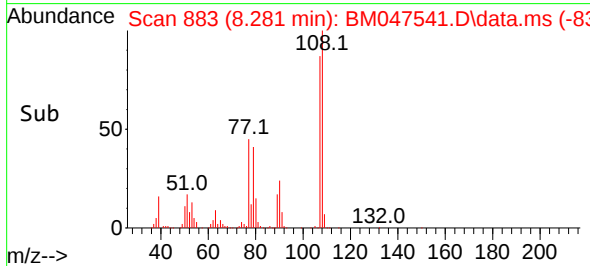
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:107 Resp: 12894
Ion Ratio Lower Upper
107 100
108 115.2 88.9 133.3
77 52.6 39.8 59.8
79 47.4 37.0 55.6

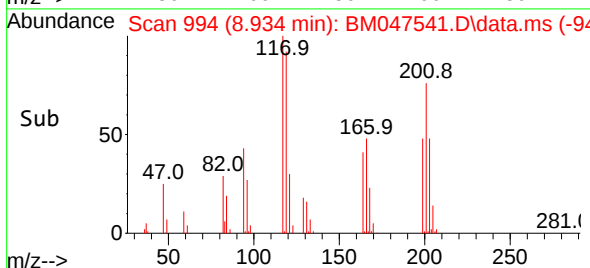
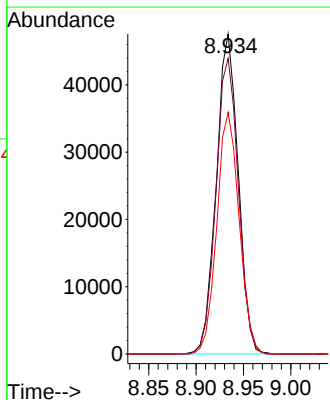
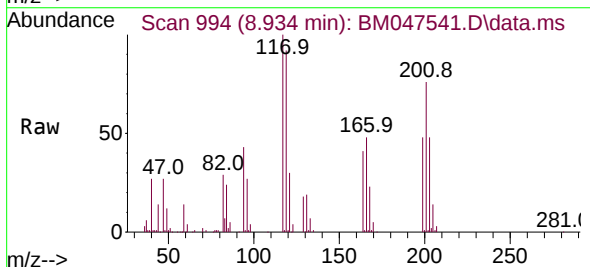
Manual Integrations
APPROVED

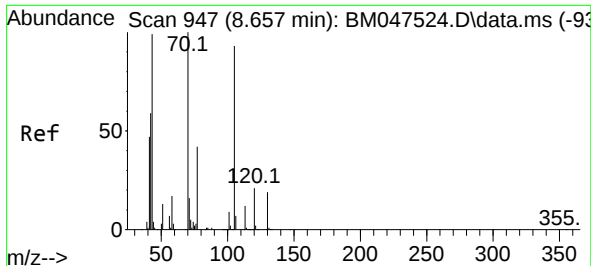
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#18
Hexachloroethane
Concen: 5.164 ng
RT: 8.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

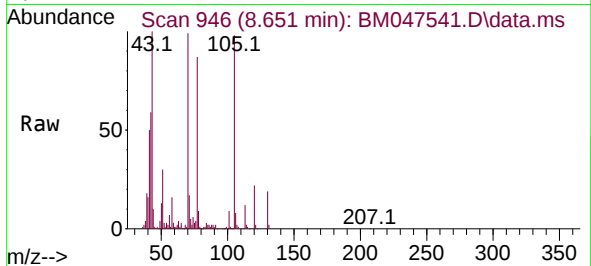
Tgt Ion:117 Resp: 76657
Ion Ratio Lower Upper
117 100
119 92.3 77.0 115.4
201 75.5 66.8 100.2





#19
n-Nitroso-di-n-propylamine
Concen: 5.145 ng
RT: 8.651 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

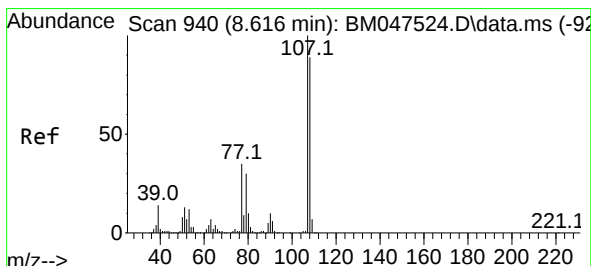
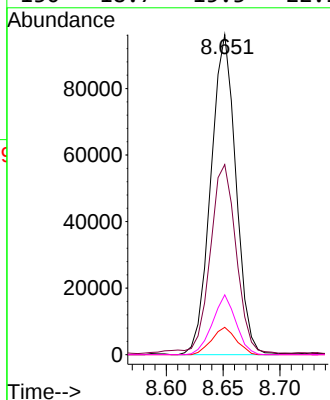
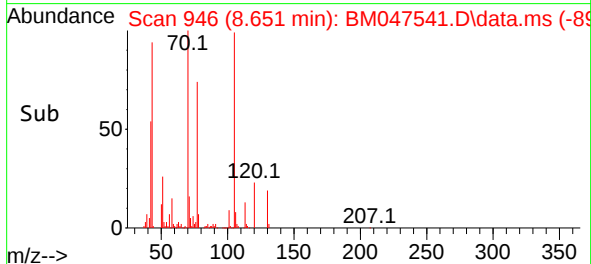
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 70 Resp: 147692
Ion Ratio Lower Upper
70 100
42 59.4 48.2 72.2
101 8.6 7.0 10.4
130 18.7 15.3 22.9

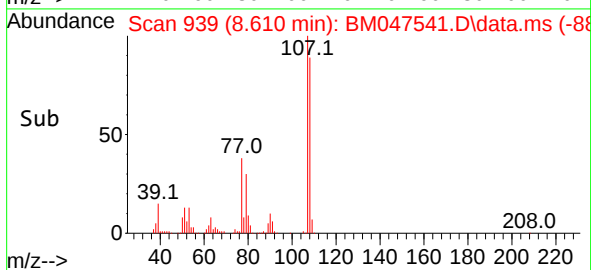
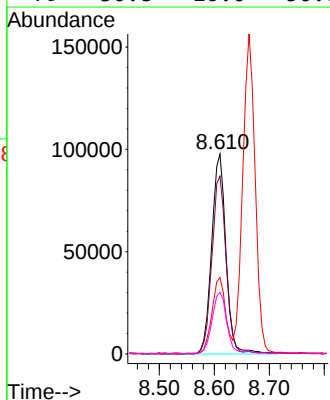
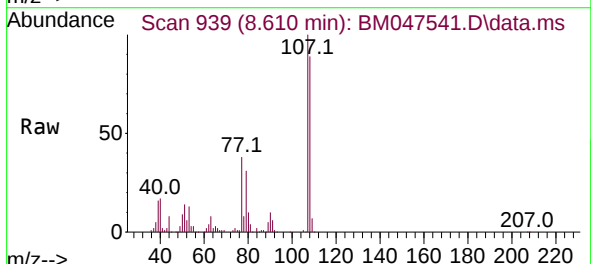
Manual Integrations
APPROVED

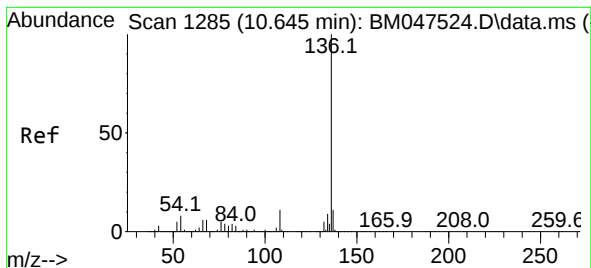
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#20
3+4-Methylphenols
Concen: 4.658 ng
RT: 8.610 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

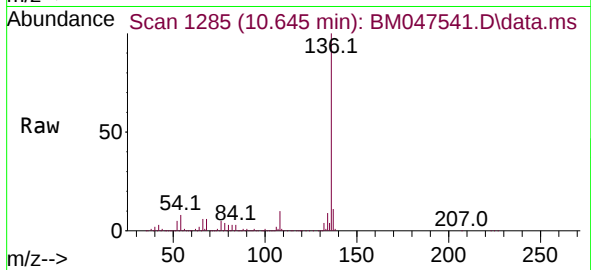
Tgt Ion:107 Resp: 177034
Ion Ratio Lower Upper
107 100
108 88.9 68.9 108.9
77 38.2 15.5 55.5
79 30.8 10.0 50.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

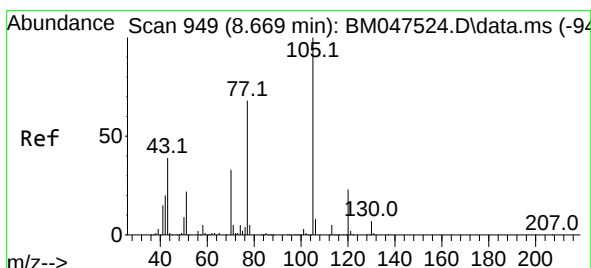
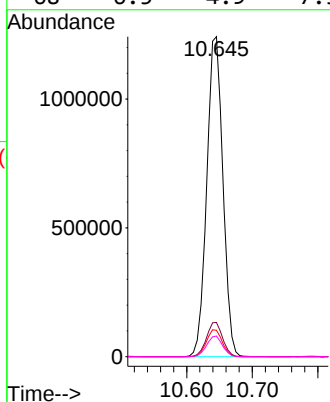
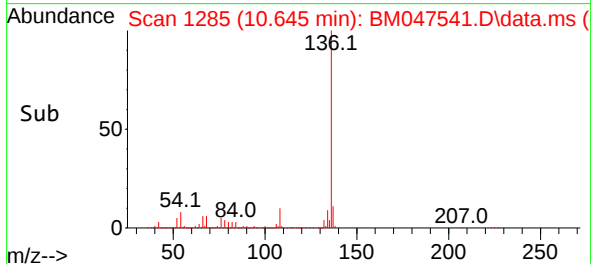
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:136 Resp: 212573
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.3 6.6 9.8
68 6.5 4.9 7.3

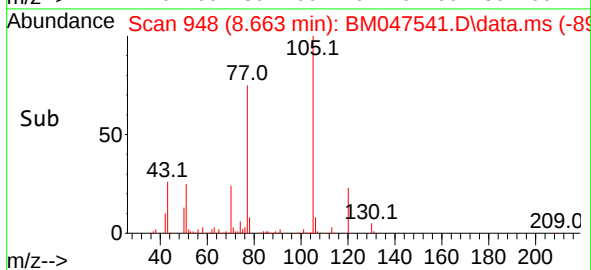
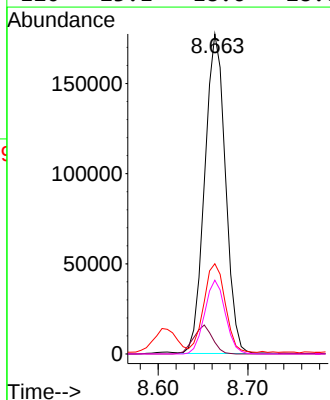
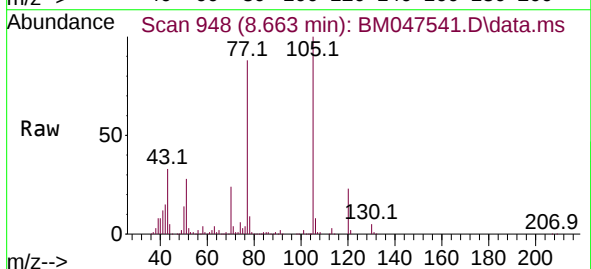
Manual Integrations
APPROVED

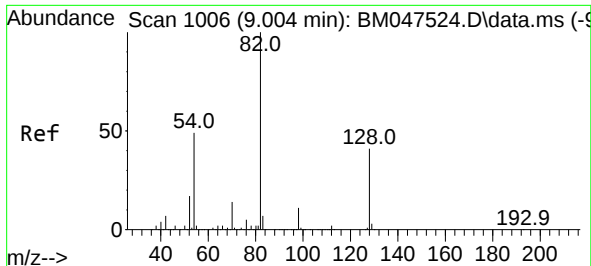
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#22
Acetophenone
Concen: 5.083 ng
RT: 8.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

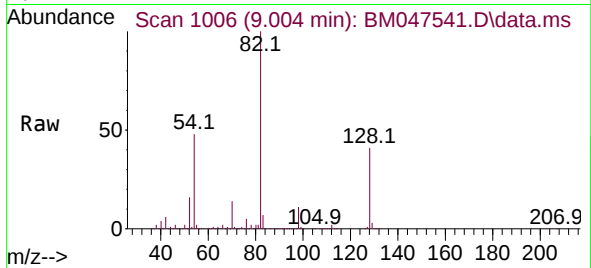
Tgt Ion:105 Resp: 284054
Ion Ratio Lower Upper
105 100
71 3.7 4.3 6.5#
51 28.2 21.5 32.3
120 23.1 18.6 28.0





#23
Nitrobenzene-d5
Concen: 79.930 ng
RT: 9.004 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

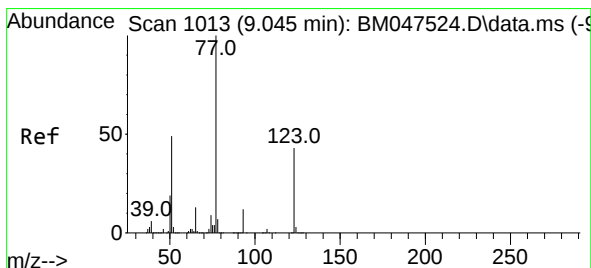
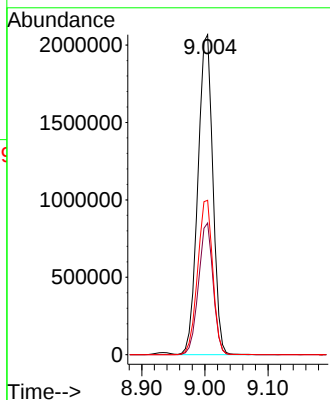
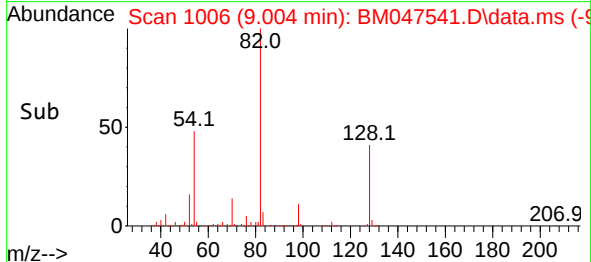
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 3395070
Ion Ratio Lower Upper
82 100
128 41.2 33.0 49.4
54 48.2 39.3 58.9

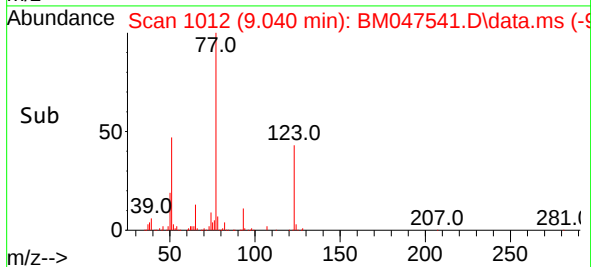
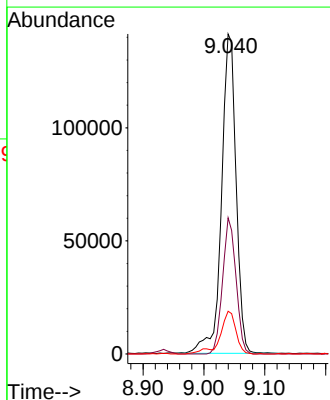
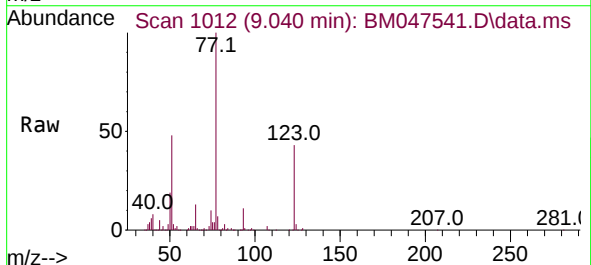
Manual Integrations
APPROVED

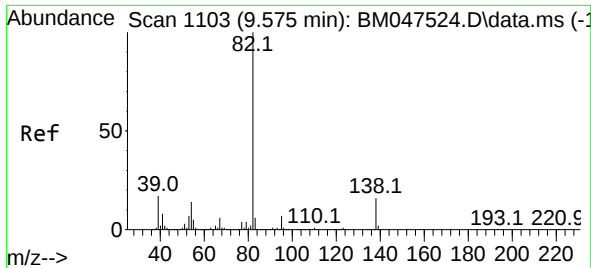
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#24
Nitrobenzene
Concen: 5.383 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

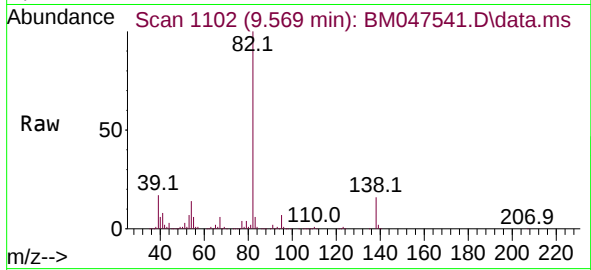
Tgt Ion: 77 Resp: 234935
Ion Ratio Lower Upper
77 100
123 42.6 34.5 51.7
65 13.4 10.7 16.1





#25
Isophorone
Concen: 5.251 ng
RT: 9.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

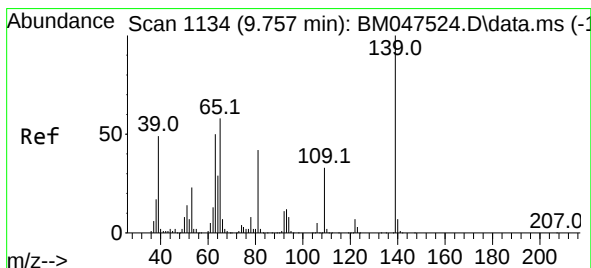
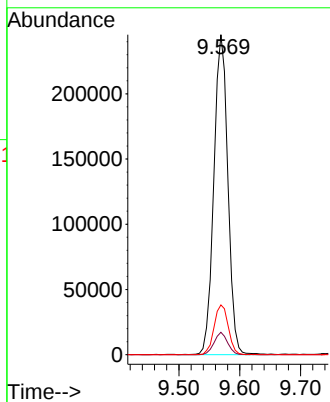
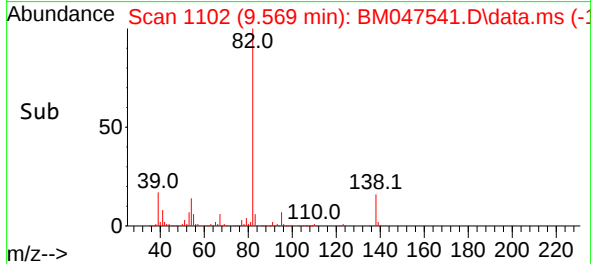
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 39213
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 15.6 12.9 19.3

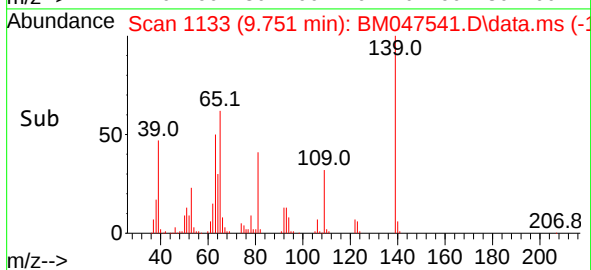
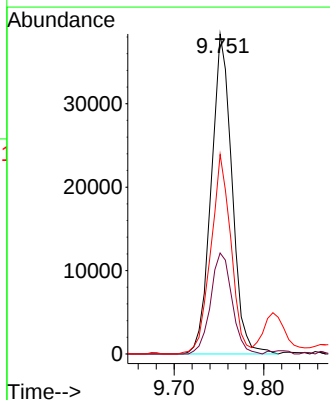
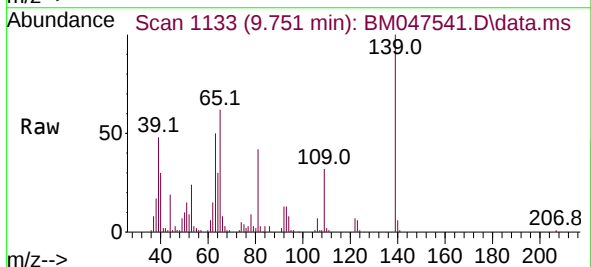
Manual Integrations
APPROVED

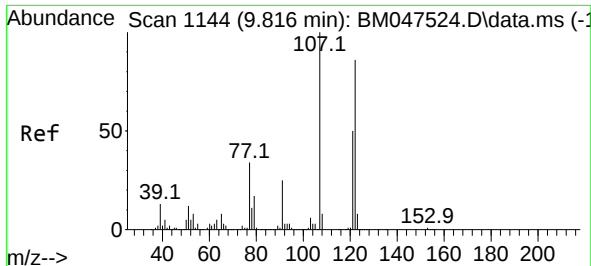
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#26
2-Nitrophenol
Concen: 4.137 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:139 Resp: 61531
Ion Ratio Lower Upper
139 100
109 31.5 26.0 39.0
65 62.3 46.2 69.4





#27

2,4-Dimethylphenol

Concen: 5.319 ng m

RT: 9.810 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BM047541.D

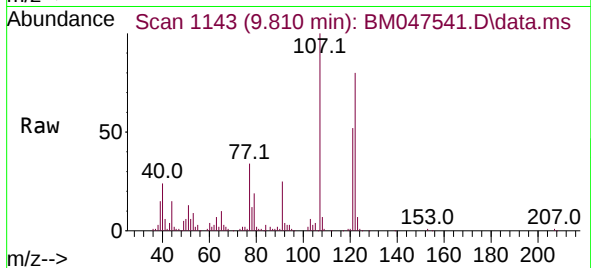
Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

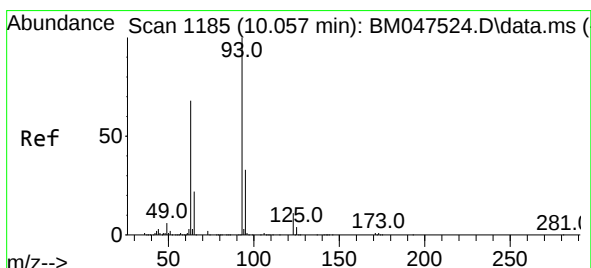
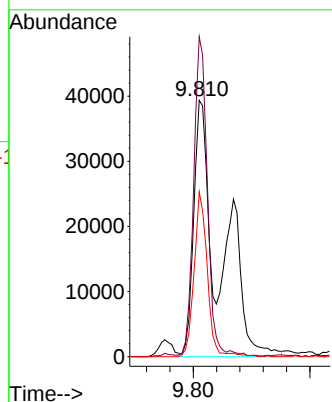
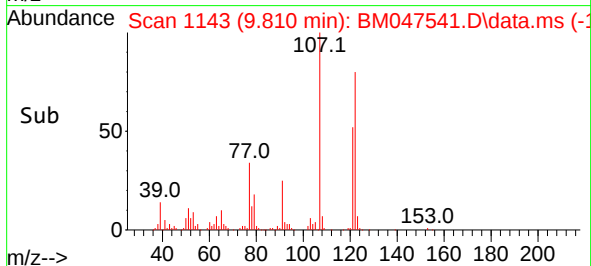


Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.9	92.4	138.6
121	64.4	46.2	69.4

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 5.217 ng

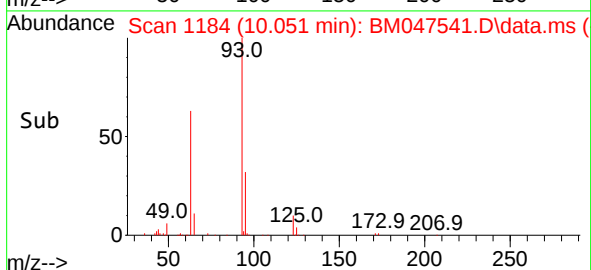
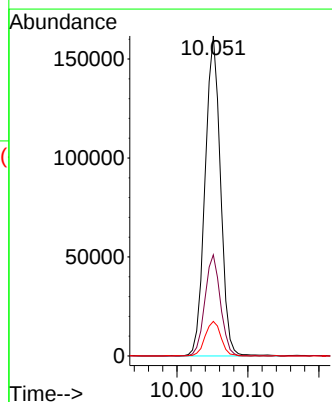
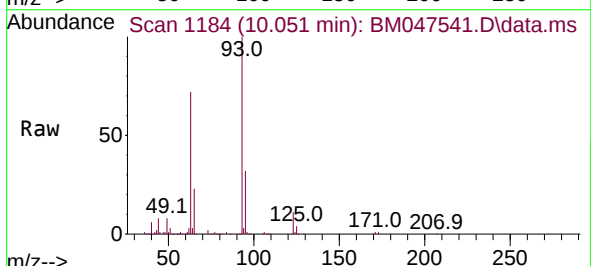
RT: 10.051 min Scan# 1184

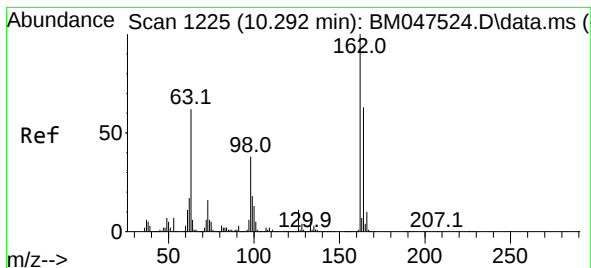
Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.2
123	10.8	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 4.477 ng

RT: 10.287 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:162 Resp: 12823

Ion Ratio Lower Upper

162 100

164 61.1 43.5 83.5

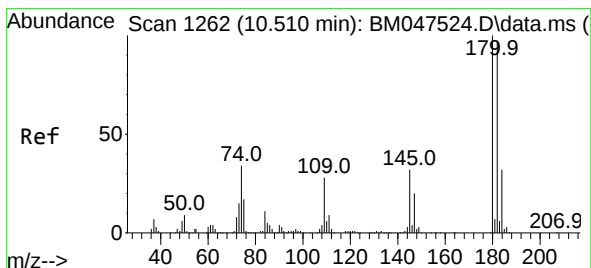
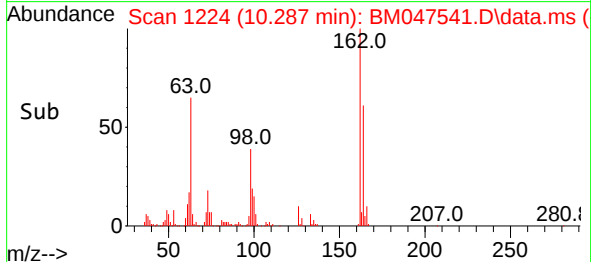
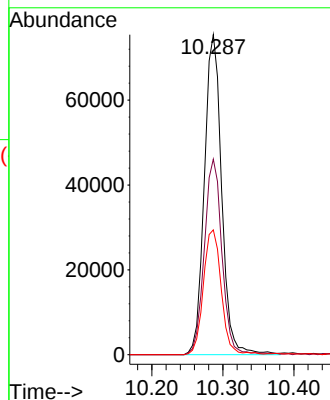
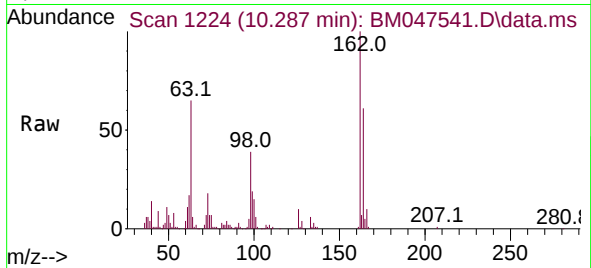
98 39.0 17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.711 ng

RT: 10.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

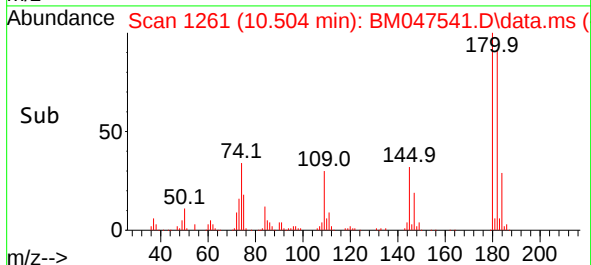
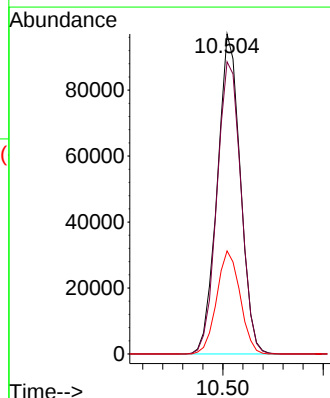
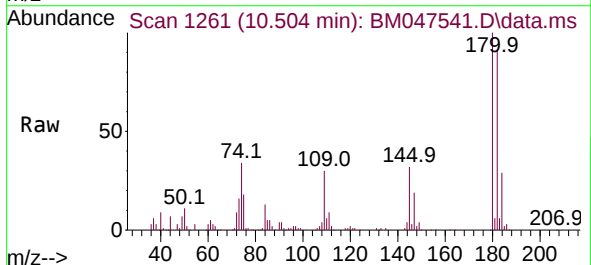
Tgt Ion:180 Resp: 154577

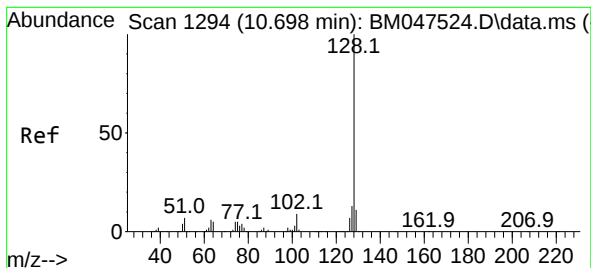
Ion Ratio Lower Upper

180 100

182 91.3 77.6 116.4

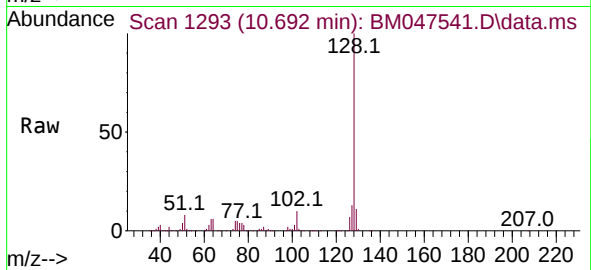
145 32.2 25.4 38.0





#31
Naphthalene
Concen: 4.856 ng
RT: 10.692 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

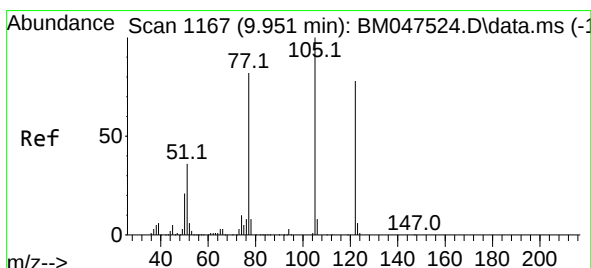
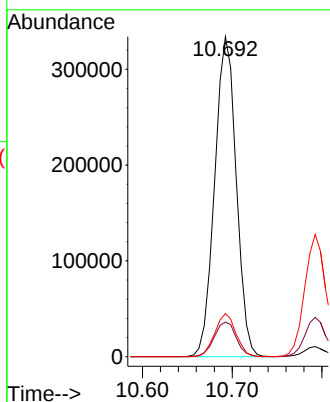
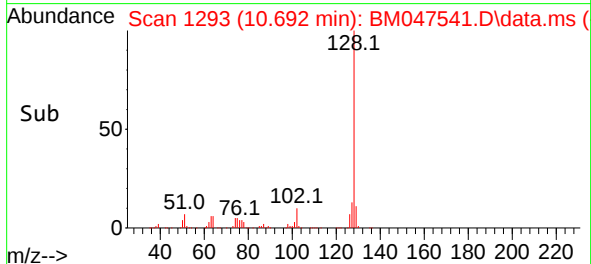
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:128 Resp: 557488
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.5 15.7

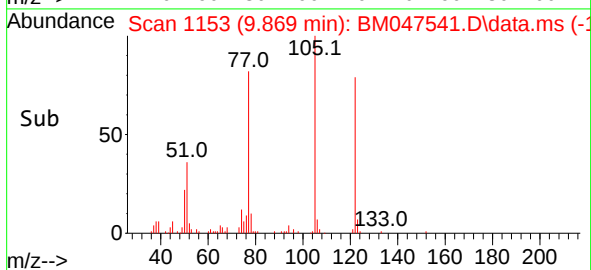
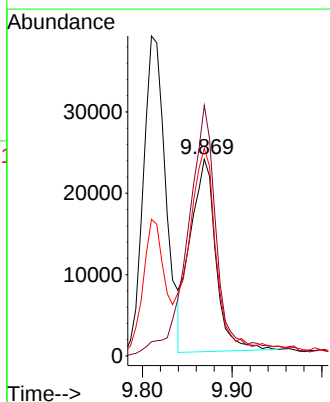
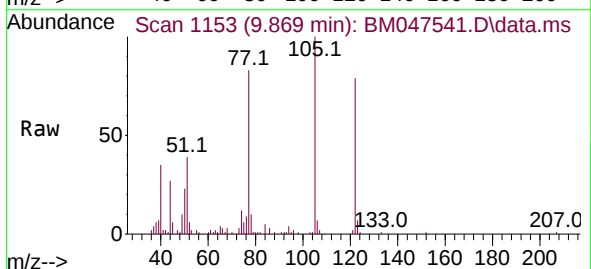
Manual Integrations
APPROVED

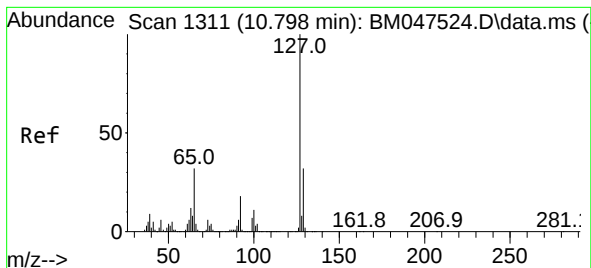
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#32
Benzoic acid
Concen: 8.513 ng
RT: 9.869 min Scan# 1153
Delta R.T. -0.082 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

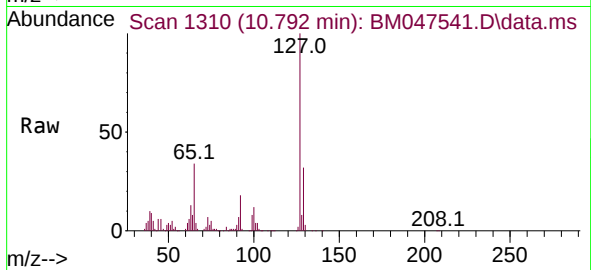
Tgt Ion:122 Resp: 46839
Ion Ratio Lower Upper
122 100
105 127.3 104.7 144.7
77 105.4 83.4 123.4





#33
4-Chloroaniline
Concen: 5.158 ng
RT: 10.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

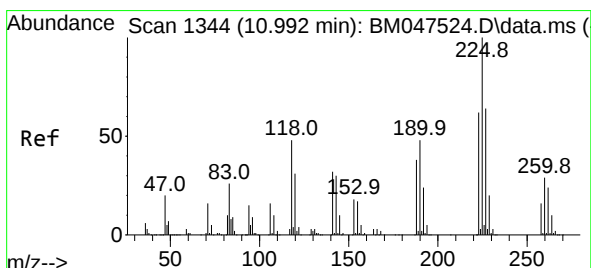
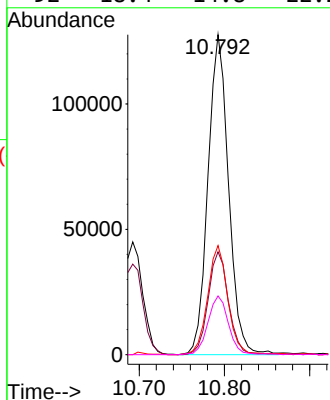
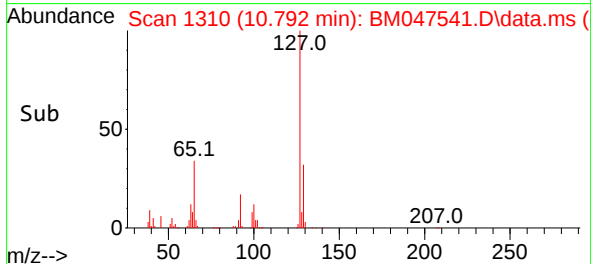
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.0
65	34.1	25.5	38.3
92	18.4	14.8	22.2

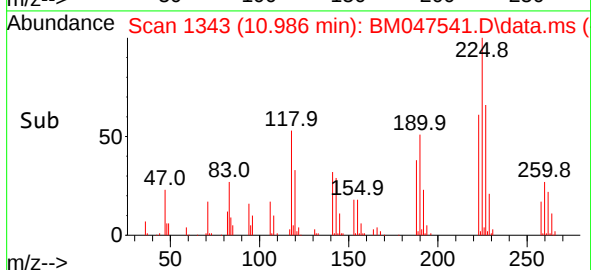
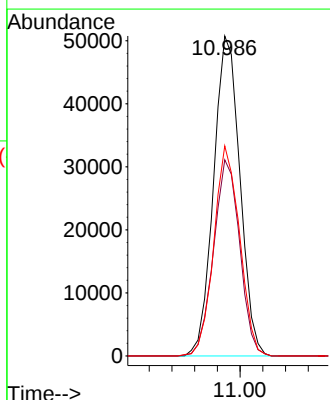
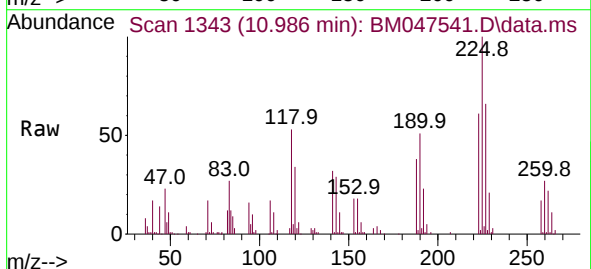
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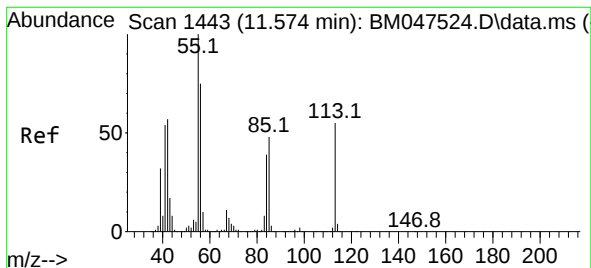
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#34
Hexachlorobutadiene
Concen: 4.492 ng
RT: 10.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.6
227	65.6	51.0	76.4





#35

Caprolactam

Concen: 4.501 ng

RT: 11.551 min Scan# 1443

Delta R.T. -0.023 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

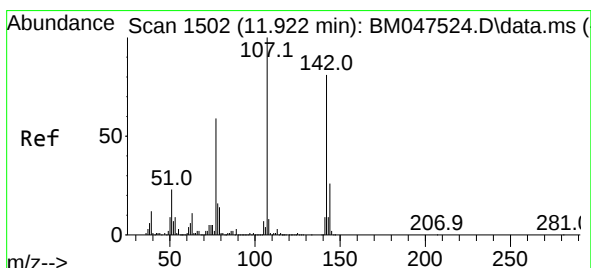
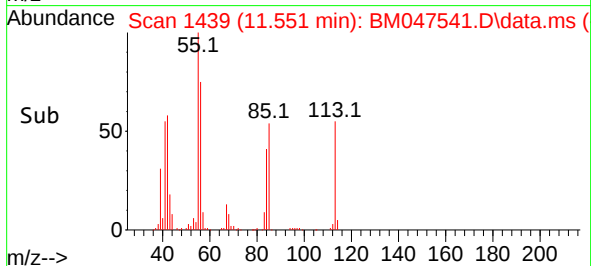
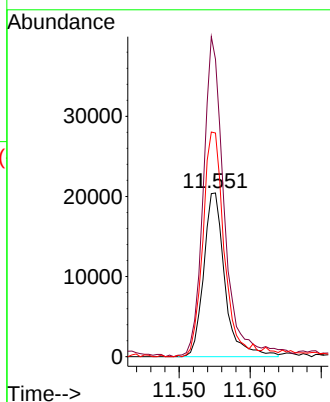
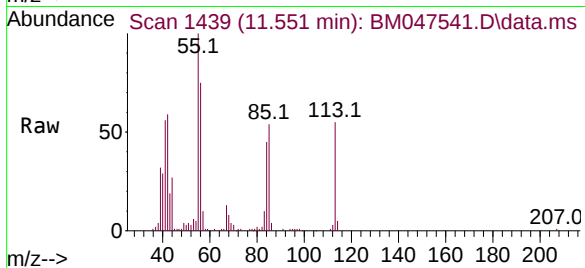
LOQ-WATER-02-QT2-2024

Tgt Ion:	113	Resp:	42469
Ion Ratio	Lower	Upper	
113	100		
55	181.8	162.5	202.5
56	136.7	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: 4.567 ng

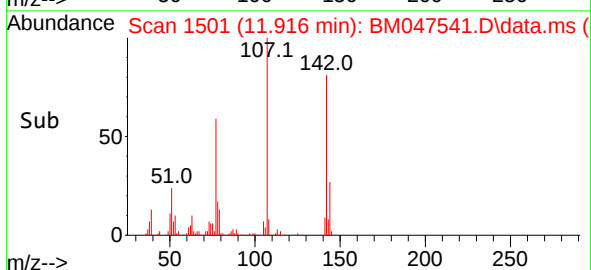
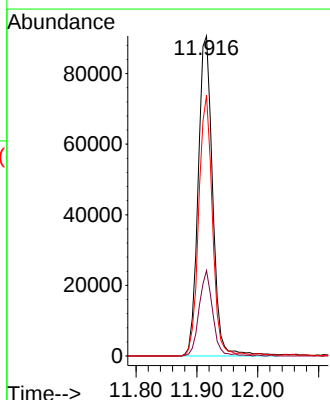
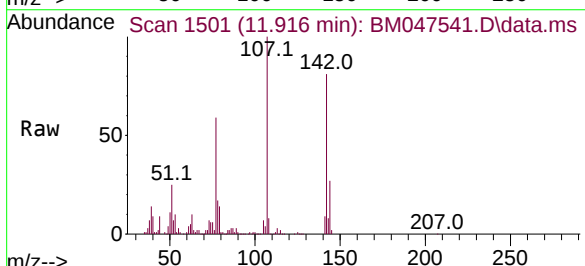
RT: 11.916 min Scan# 1501

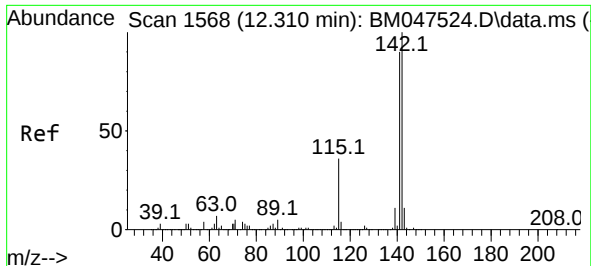
Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:	107	Resp:	149931
Ion Ratio	Lower	Upper	
107	100		
144	26.7	20.5	30.7
142	81.4	65.0	97.4





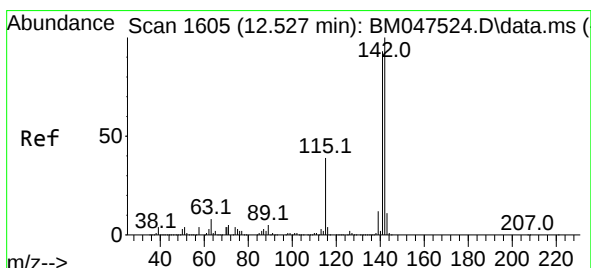
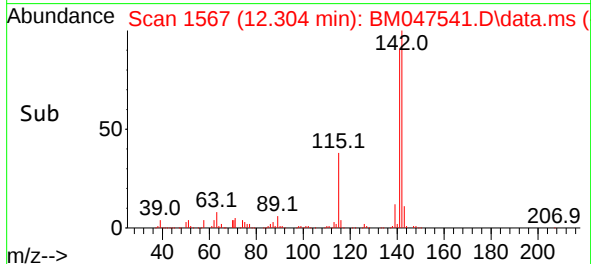
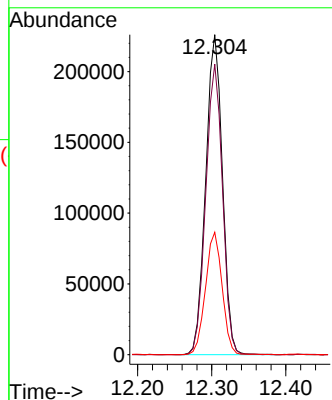
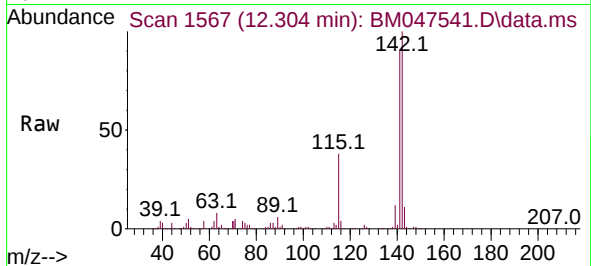
#37
2-Methylnaphthalene
Concen: 4.644 ng
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

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

Tgt Ion:142 Resp: 35487
Ion Ratio Lower Upper
142 100
141 90.8 72.2 108.4
115 38.3 29.1 43.7

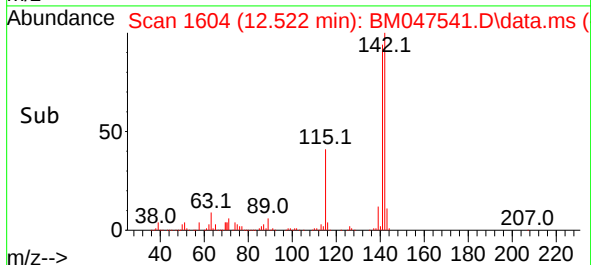
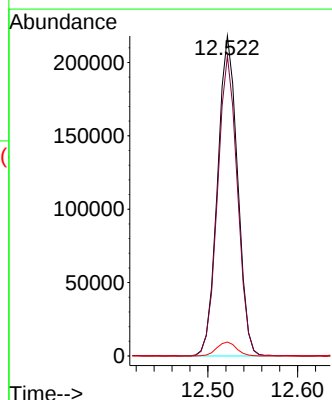
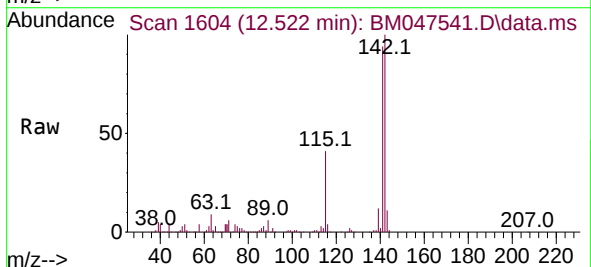
Manual Integrations
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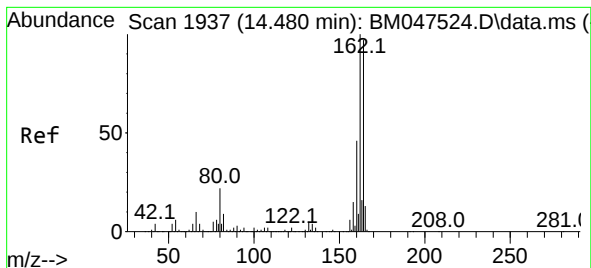
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#38
1-Methylnaphthalene
Concen: 4.441 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

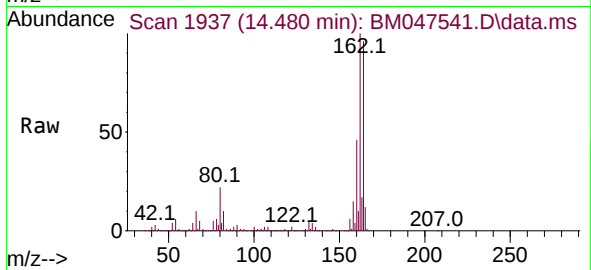
Tgt Ion:142 Resp: 337205
Ion Ratio Lower Upper
142 100
141 93.8 74.7 112.1
116 4.4 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

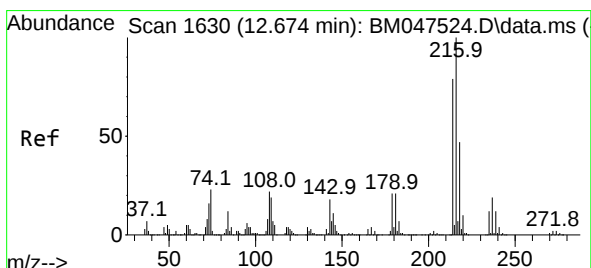
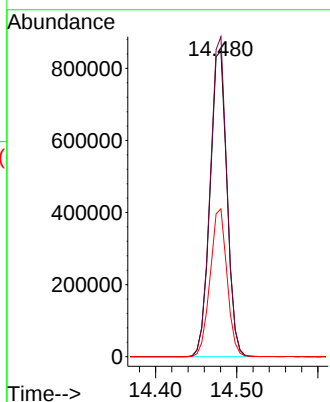
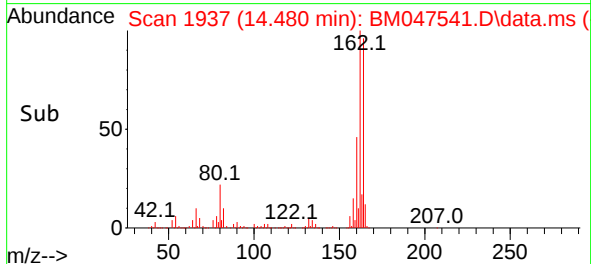
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:164 Resp: 1225848
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.2
160 48.4 38.2 57.2

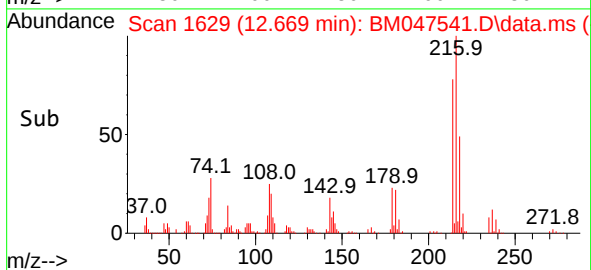
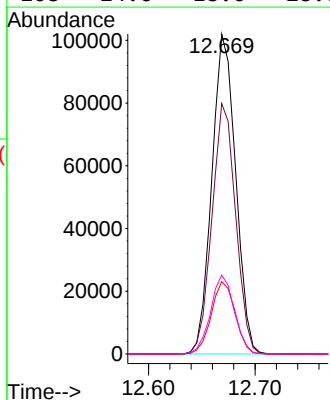
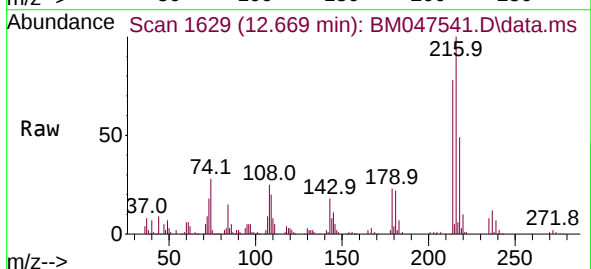
Manual Integrations
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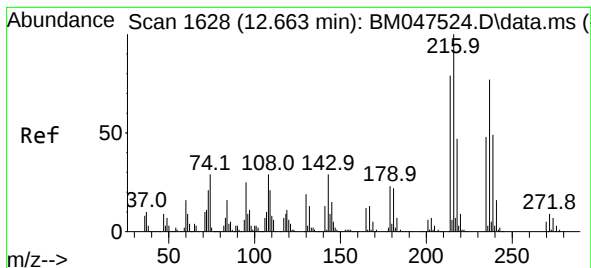
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.765 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

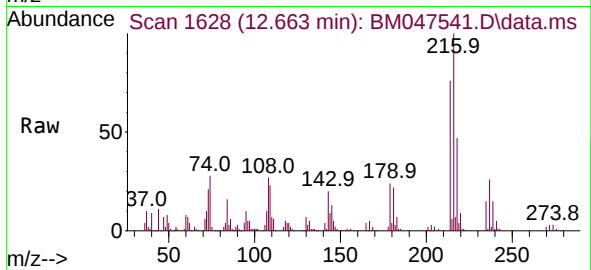
Tgt Ion:216 Resp: 158052
Ion Ratio Lower Upper
216 100
214 77.7 63.0 94.6
179 22.7 17.5 26.3
108 24.6 18.6 28.0





#41
Hexachlorocyclopentadiene
Concen: 2.719 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

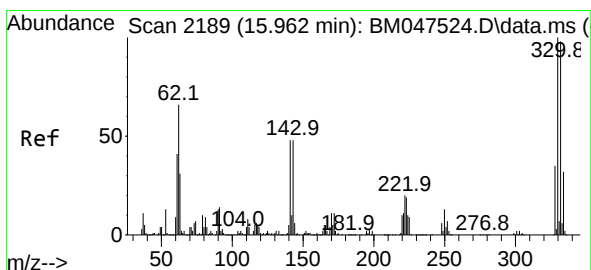
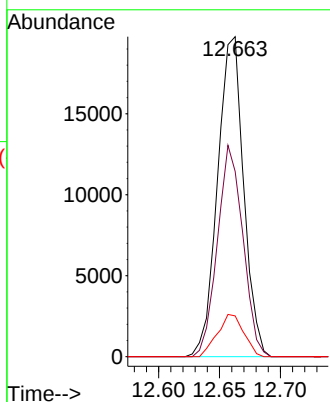
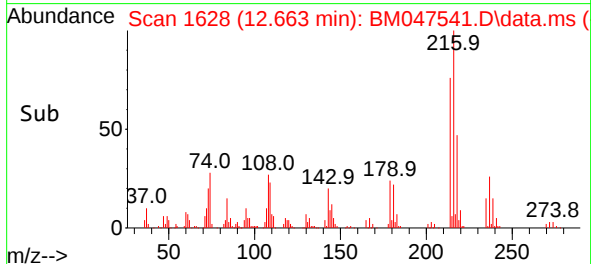
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



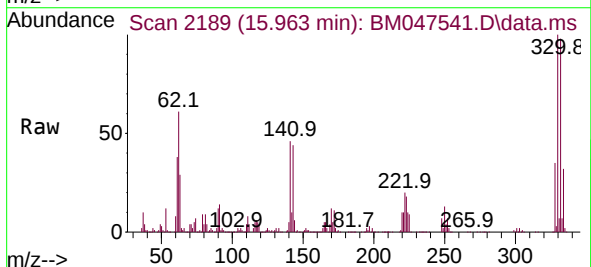
Tgt Ion:237 Resp: 29480
Ion Ratio Lower Upper
237 100
235 57.9 42.0 82.0
272 12.8 0.0 31.5

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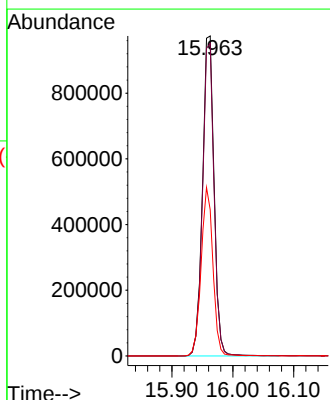
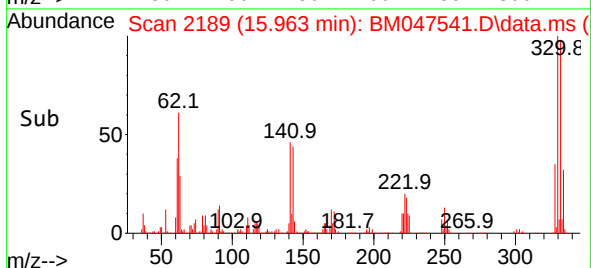
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

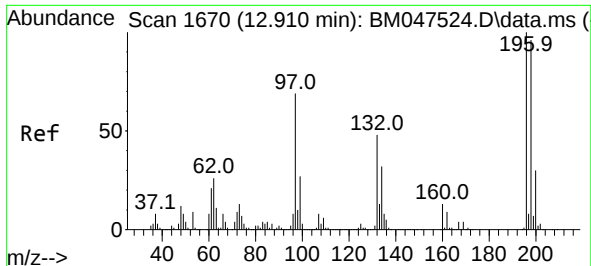


#42
2,4,6-Tribromophenol
Concen: 108.848 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34



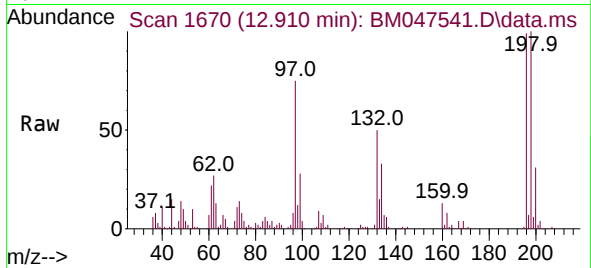
Tgt Ion:330 Resp: 1289725
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 53.7 42.2 63.2





#43
2,4,6-Trichlorophenol
Concen: 4.237 ng
RT: 12.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

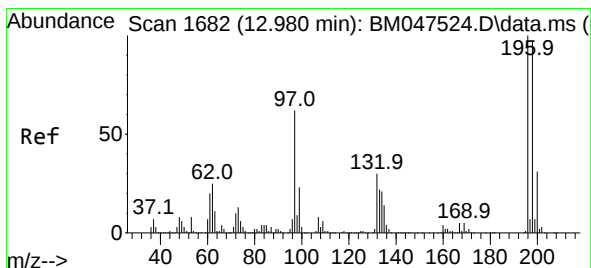
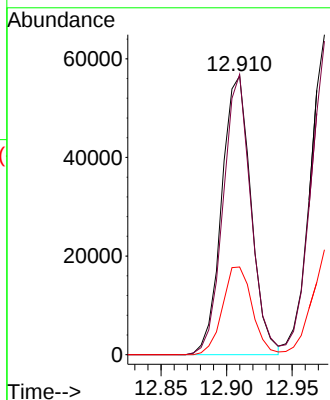
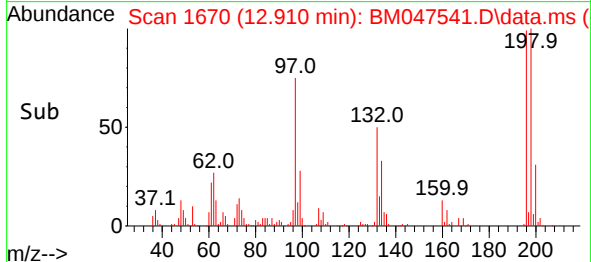
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:196 Resp: 8804
Ion Ratio Lower Upper
196 100
198 100.6 76.9 115.3
200 31.5 24.3 36.5

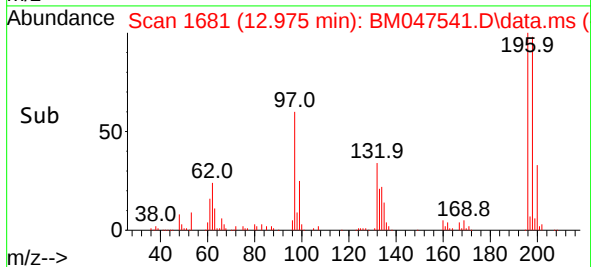
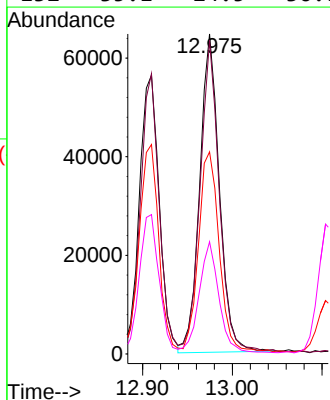
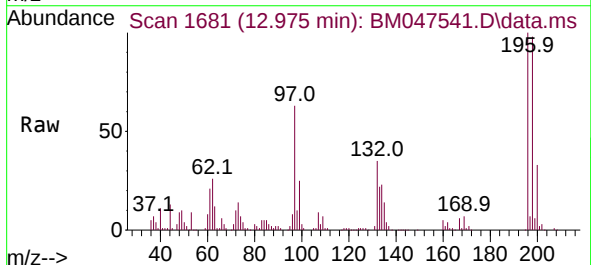
Manual Integrations
APPROVED

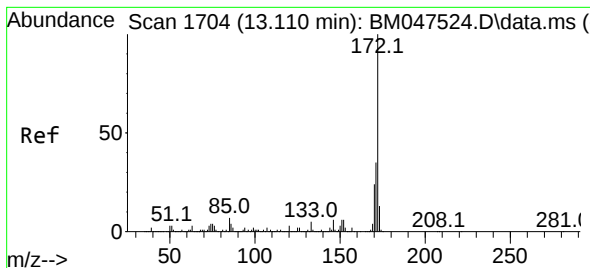
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#44
2,4,5-Trichlorophenol
Concen: 4.182 ng
RT: 12.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:196 Resp: 98157
Ion Ratio Lower Upper
196 100
198 98.0 77.4 116.2
97 63.1 49.8 74.8
132 35.1 24.5 36.7





#45

2-Fluorobiphenyl

Concen: 80.877 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM047541.D

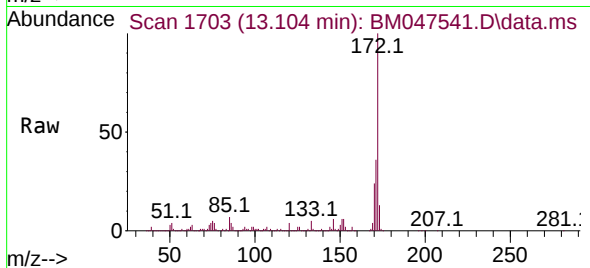
Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:172 Resp: 719721

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

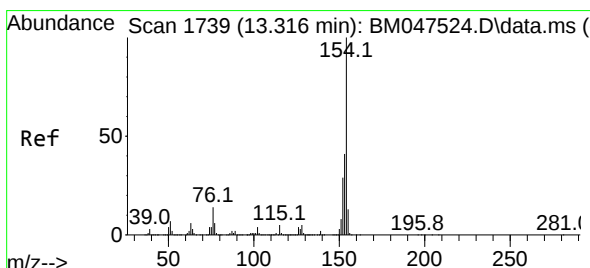
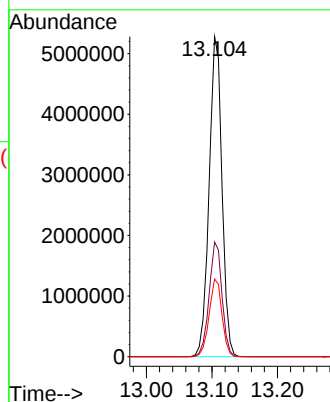
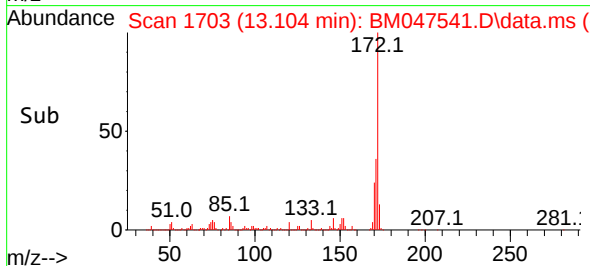
170 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#46

1,1'-Biphenyl

Concen: 4.969 ng

RT: 13.316 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

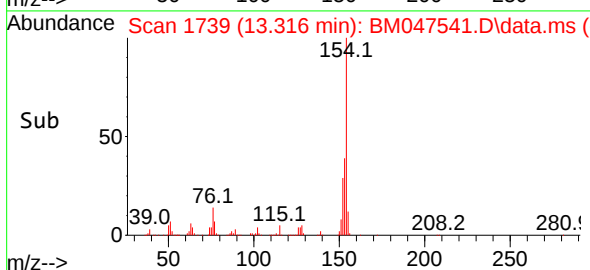
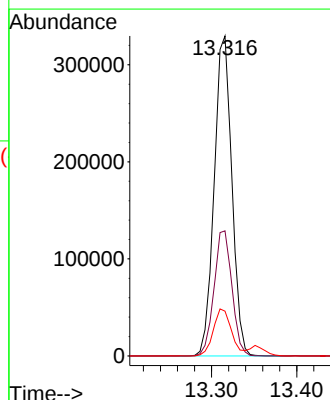
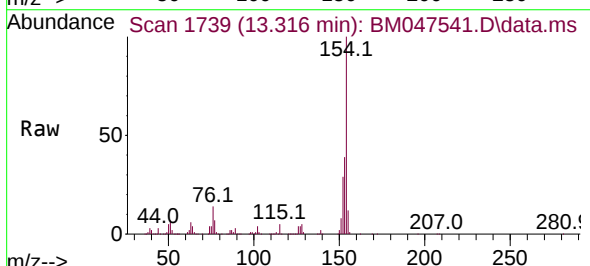
Tgt Ion:154 Resp: 473913

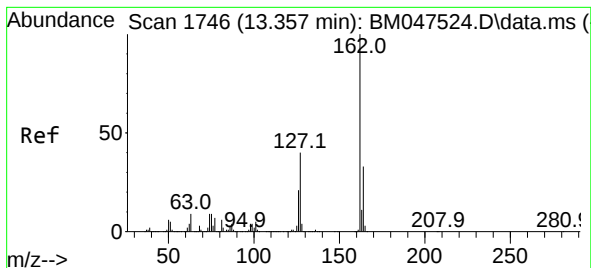
Ion Ratio Lower Upper

154 100

153 39.1 20.6 60.6

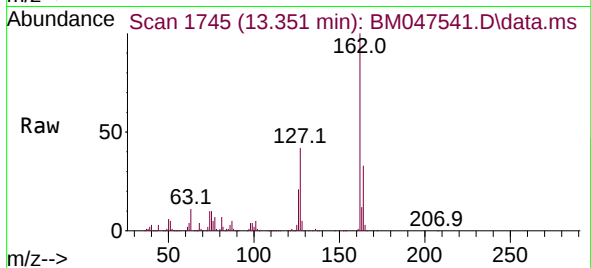
76 14.0 0.0 33.9





#47
2-Chloronaphthalene
Concen: 4.698 ng
RT: 13.351 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

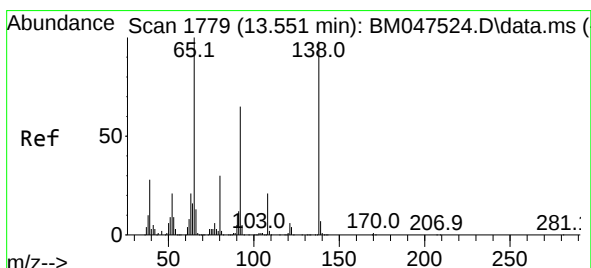
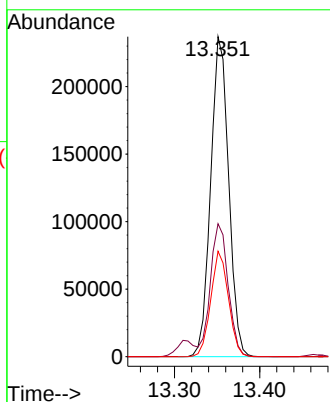
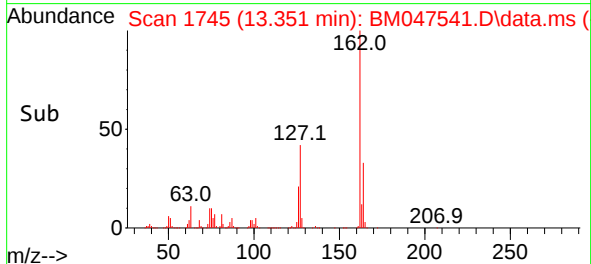
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:162 Resp: 347910
Ion Ratio Lower Upper
162 100
127 41.5 32.2 48.4
164 32.9 26.3 39.5

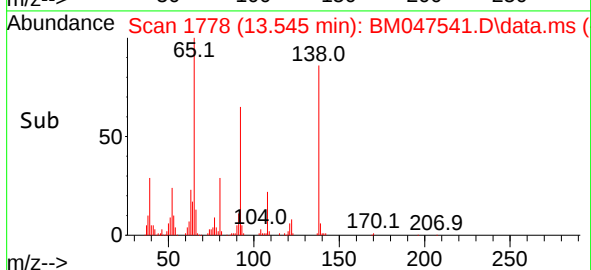
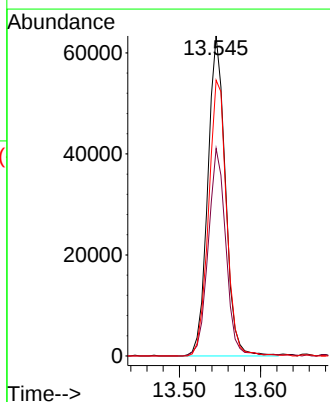
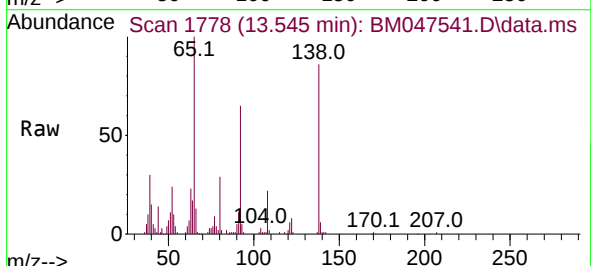
Manual Integrations
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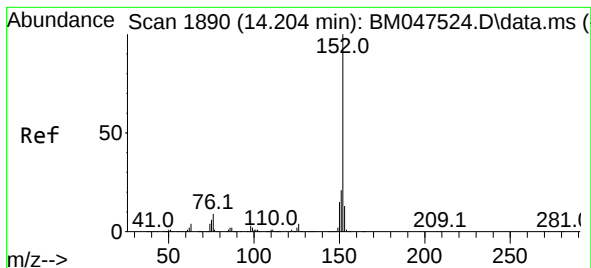
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#48
2-Nitroaniline
Concen: 4.385 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 65 Resp: 95375
Ion Ratio Lower Upper
65 100
92 64.8 51.9 77.9
138 86.2 78.5 117.7





#49

Acenaphthylene

Concen: 5.110 ng

RT: 14.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047541.D

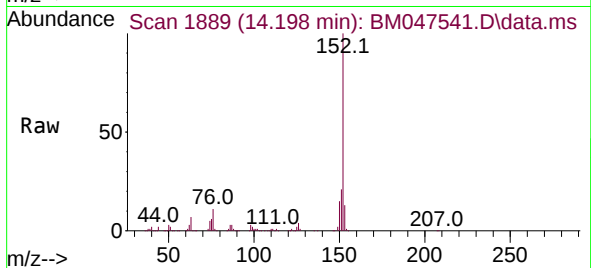
Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:152 Resp: 54611

Ion Ratio Lower Upper

152 100

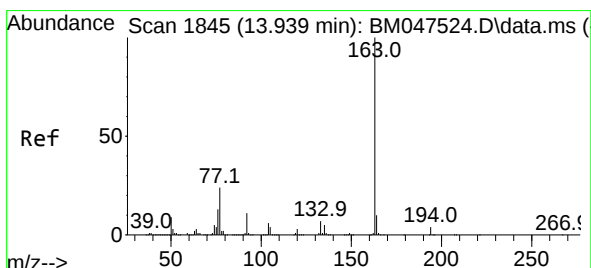
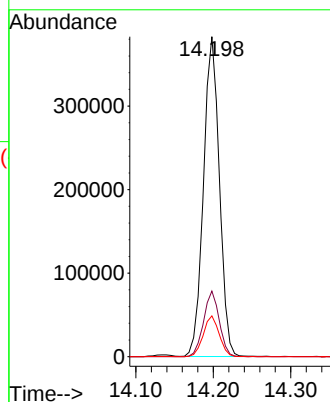
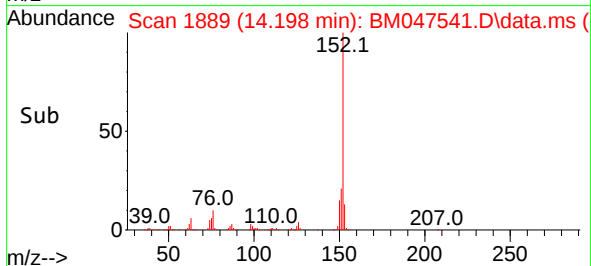
151 20.5 16.5 24.7

153 12.8 10.4 15.6

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 4.845 ng

RT: 13.933 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

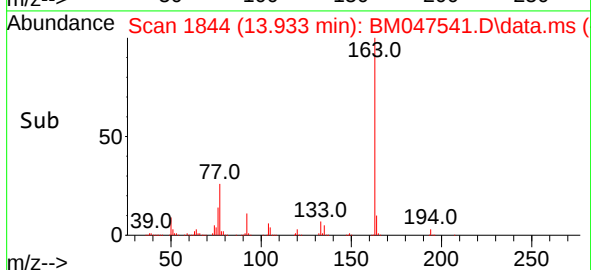
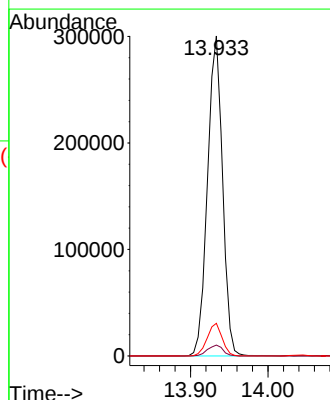
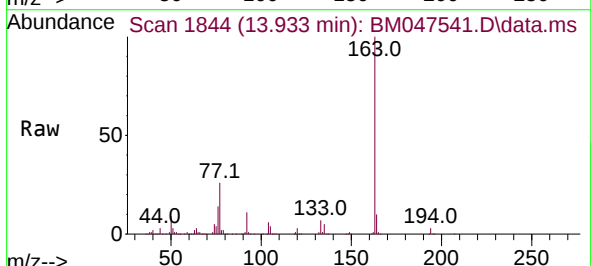
Tgt Ion:163 Resp: 404780

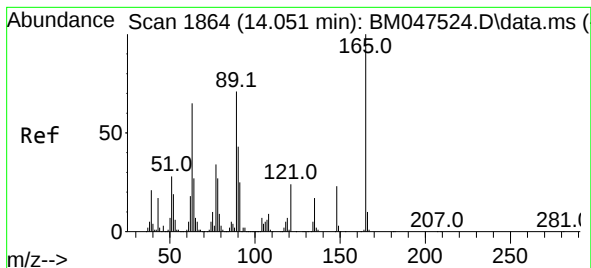
Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

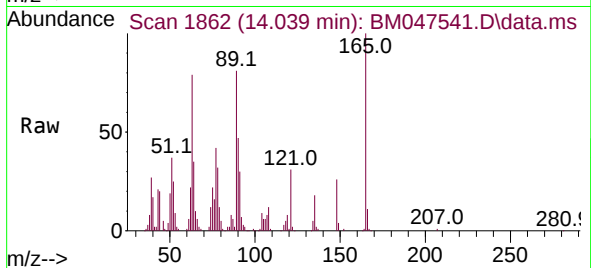
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 4.228 ng
RT: 14.039 min Scan# 1864
Delta R.T. -0.012 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

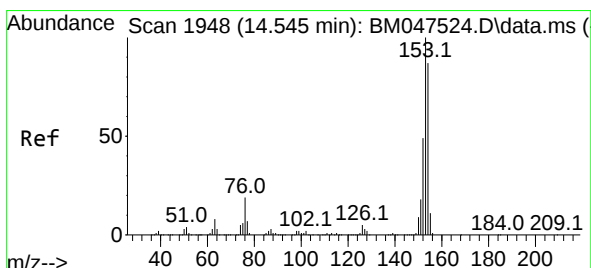
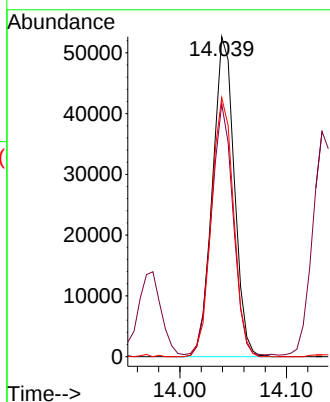
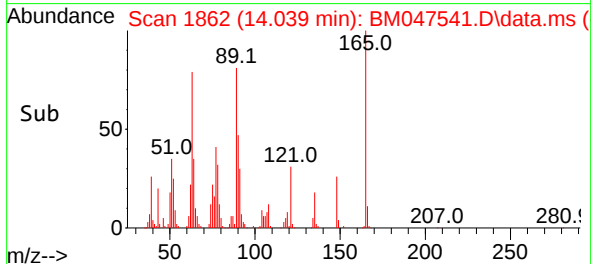
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 74560
Ion Ratio Lower Upper
165 100
63 79.0 54.2 81.2
89 81.0 56.4 84.6

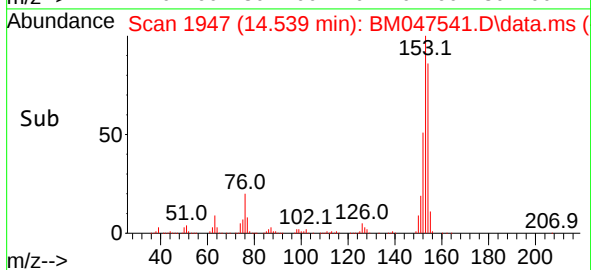
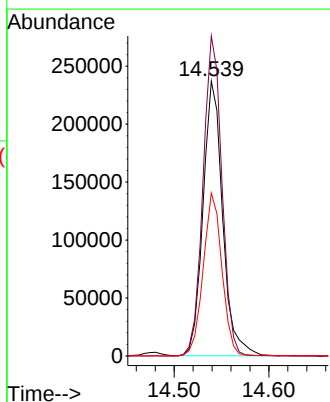
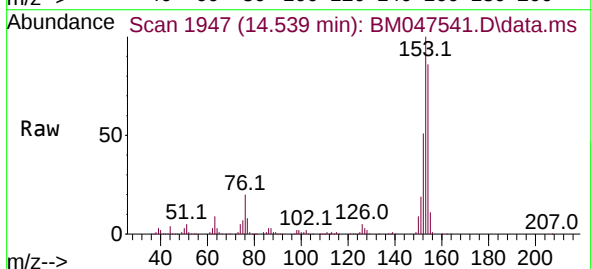
Manual Integrations
APPROVED

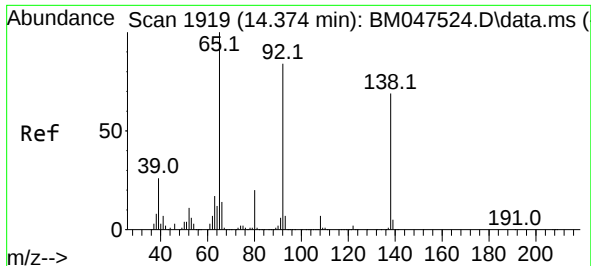
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#52
Acenaphthene
Concen: 4.540 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:154 Resp: 339963
Ion Ratio Lower Upper
154 100
153 116.4 92.2 138.2
152 59.2 45.4 68.0





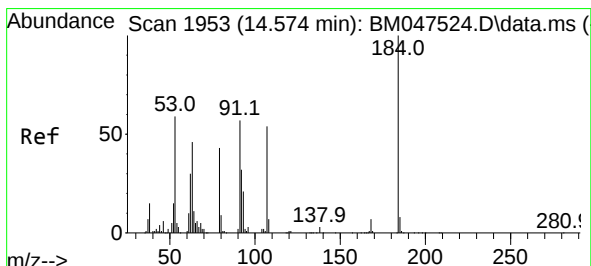
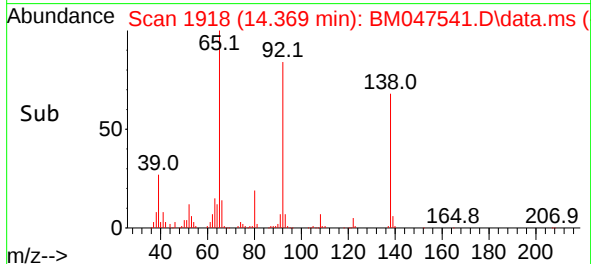
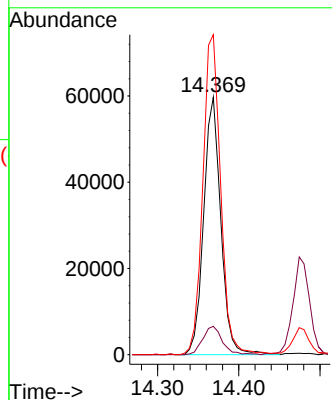
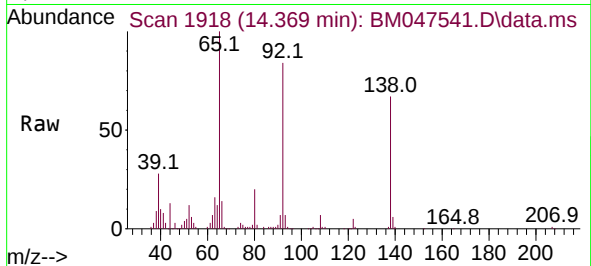
#53
3-Nitroaniline
Concen: 4.473 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

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

Tgt Ion:138 Resp: 87700
Ion Ratio Lower Upper
138 100
108 11.0 8.0 12.0
92 124.3 97.4 146.0

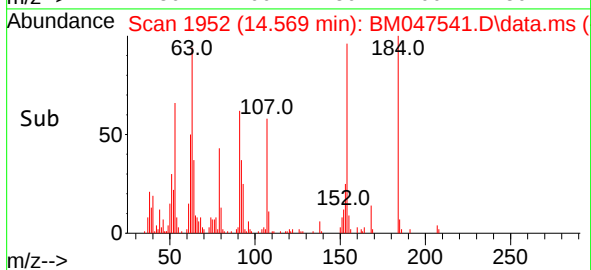
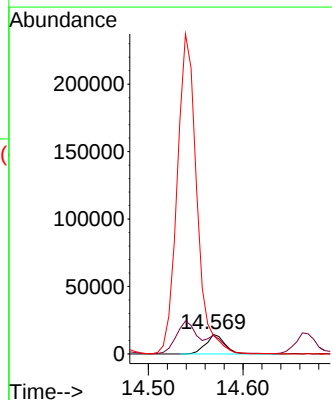
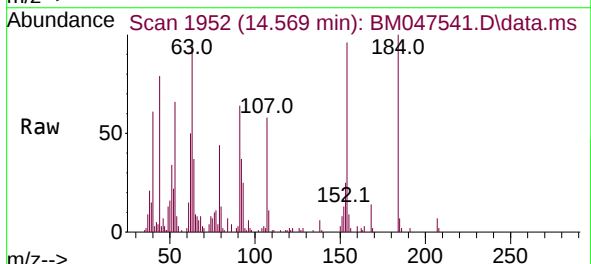
Manual Integrations
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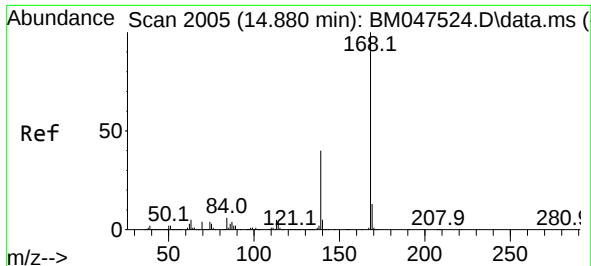
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#54
2,4-Dinitrophenol
Concen: 5.666 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

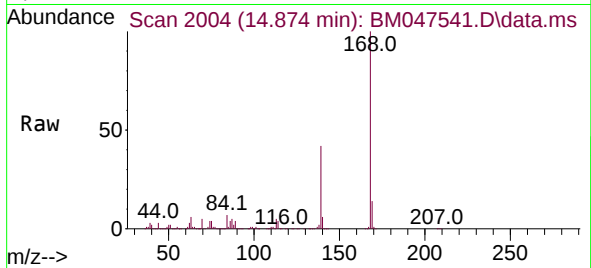
Tgt Ion:184 Resp: 20181
Ion Ratio Lower Upper
184 100
63 95.0 69.4 104.0
154 95.8 60.4 90.6#





#55
Dibenzenofuran
Concen: 4.878 ng
RT: 14.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

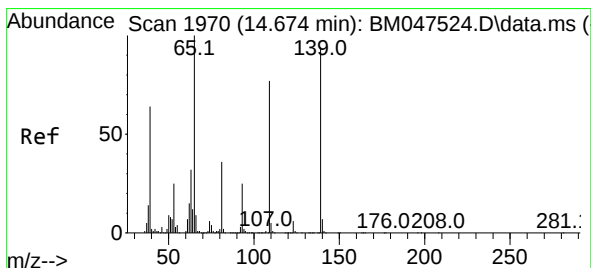
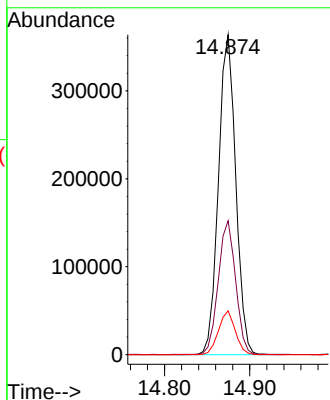
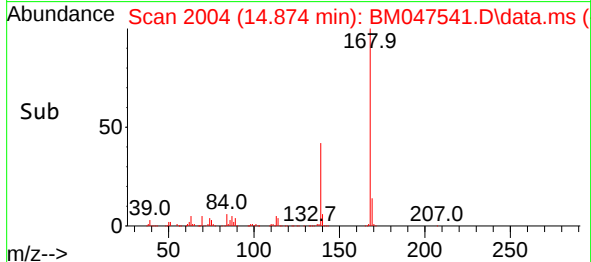
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 513264
Ion Ratio Lower Upper
168 100
139 41.9 31.9 47.9
169 13.7 10.5 15.7

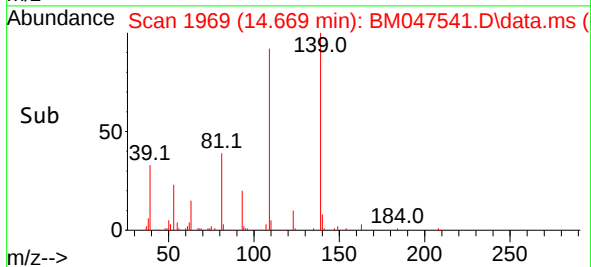
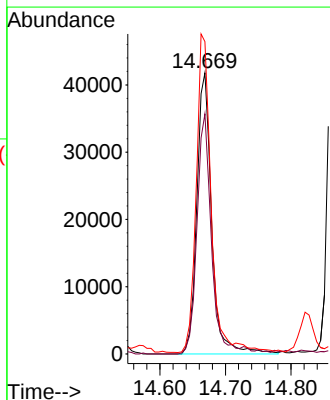
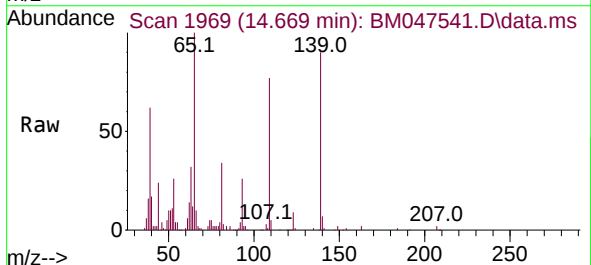
Manual Integrations
APPROVED

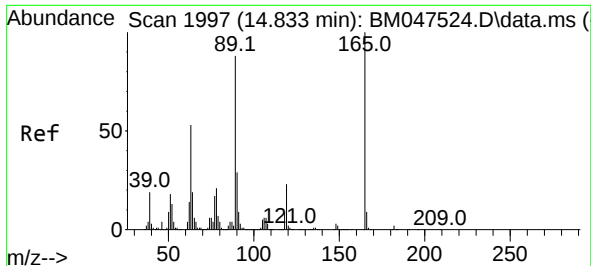
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#56
4-Nitrophenol
Concen: 4.087 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

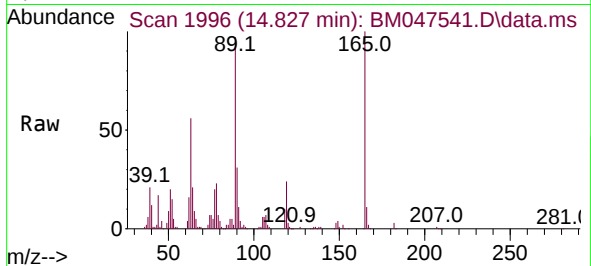
Tgt Ion:139 Resp: 65931
Ion Ratio Lower Upper
139 100
109 85.4 62.0 102.0
65 111.1 87.0 127.0





#57
2,4-Dinitrotoluene
Concen: 4.016 ng
RT: 14.827 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

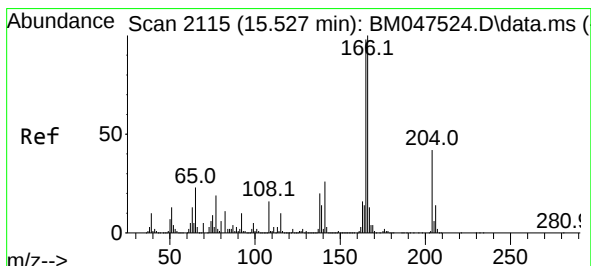
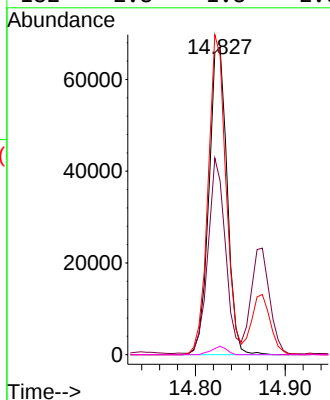
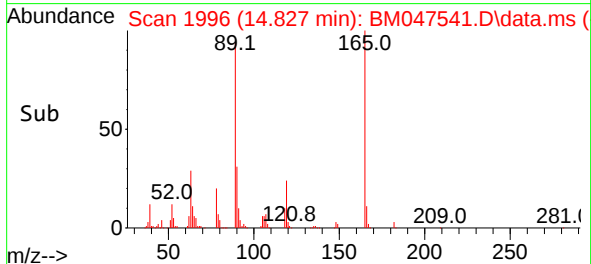
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 9448
Ion Ratio Lower Upper
165 100
63 56.5 42.4 63.6
89 97.2 70.5 105.7
182 2.8 1.8 2.6#

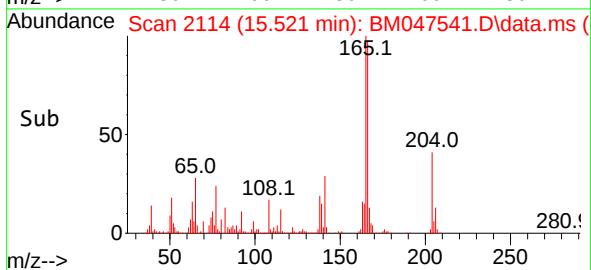
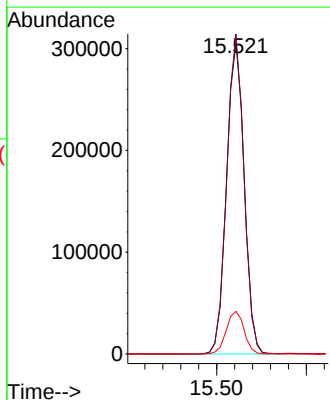
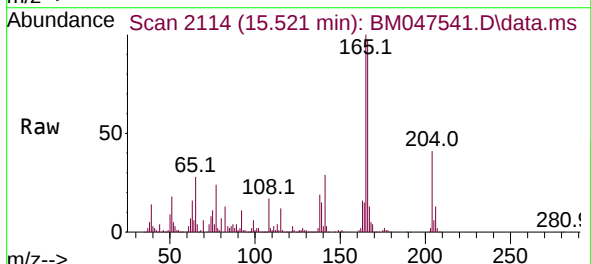
Manual Integrations
APPROVED

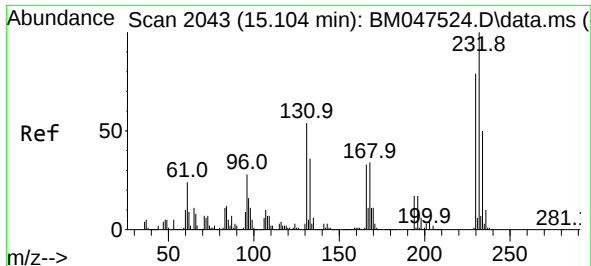
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#58
Fluorene
Concen: 4.408 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

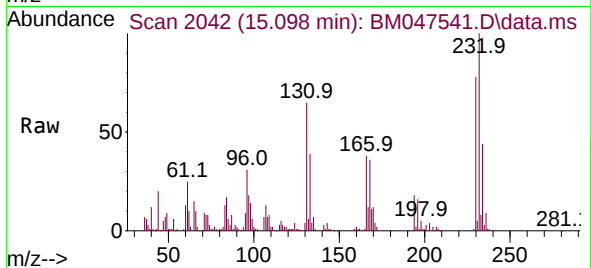
Tgt Ion:166 Resp: 417627
Ion Ratio Lower Upper
166 100
165 102.9 78.6 117.8
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.379 ng m
RT: 15.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

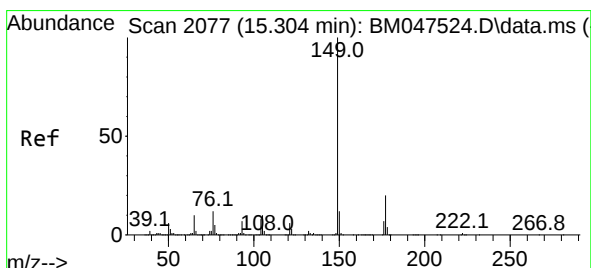
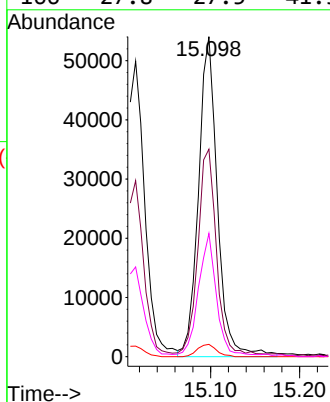
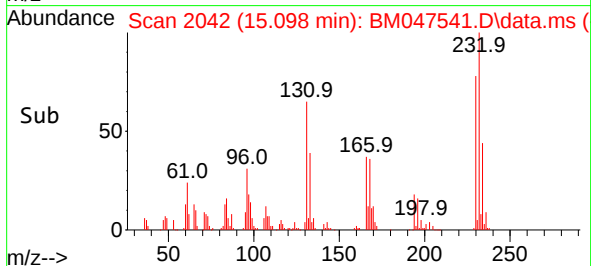
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:232 Resp: 80144
Ion Ratio Lower Upper
232 100
131 53.2 47.0 70.4
130 3.4 2.6 3.8
166 27.8 27.5 41.3

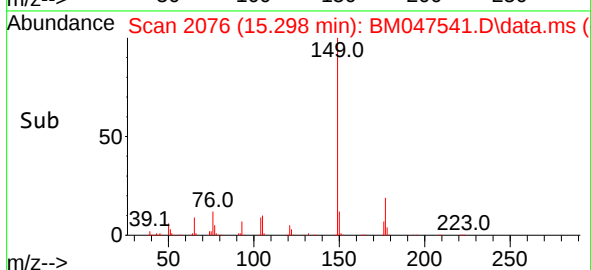
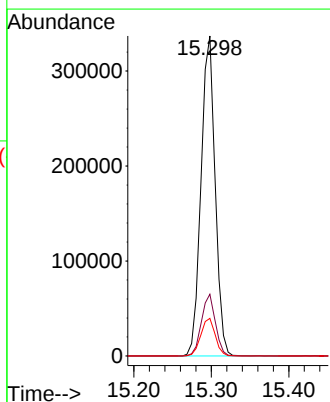
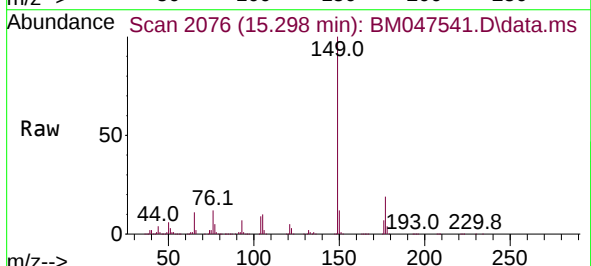
Manual Integrations
APPROVED

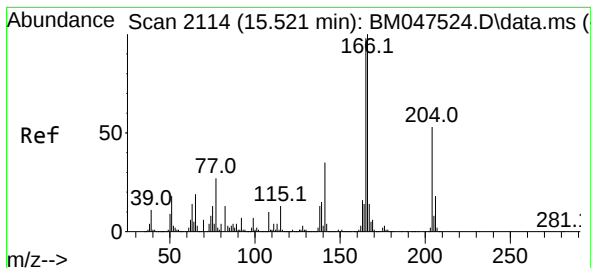
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#60
Diethylphthalate
Concen: 4.790 ng
RT: 15.298 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

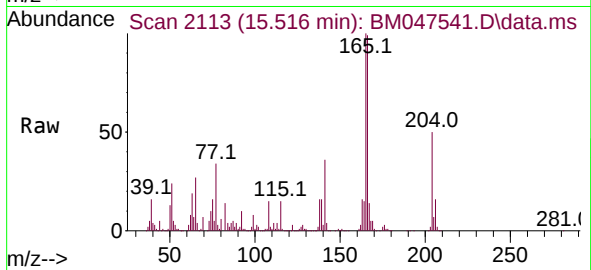
Tgt Ion:149 Resp: 425964
Ion Ratio Lower Upper
149 100
177 19.3 15.8 23.8
150 11.7 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 4.262 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

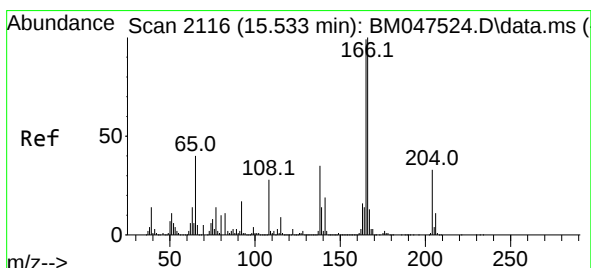
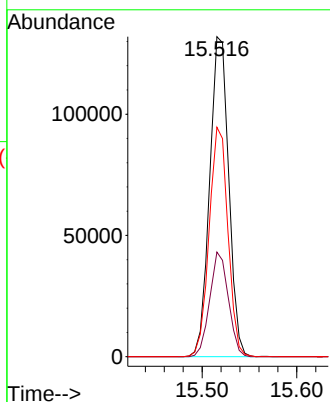
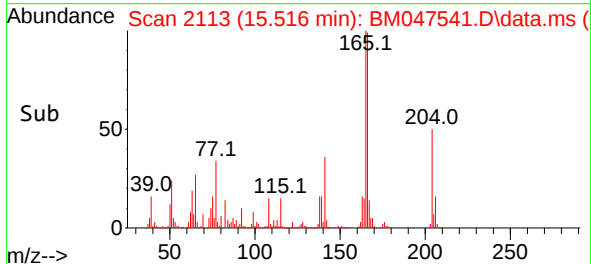
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



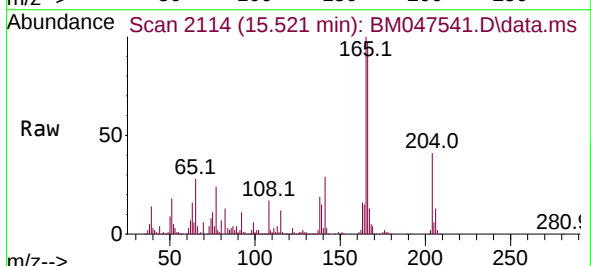
Tgt Ion:204 Resp: 184610
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 71.7 52.1 78.1

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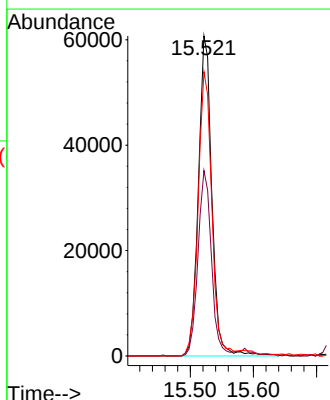
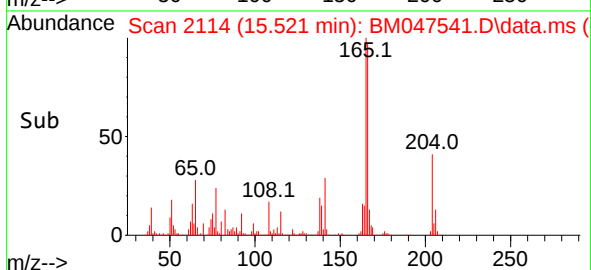
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

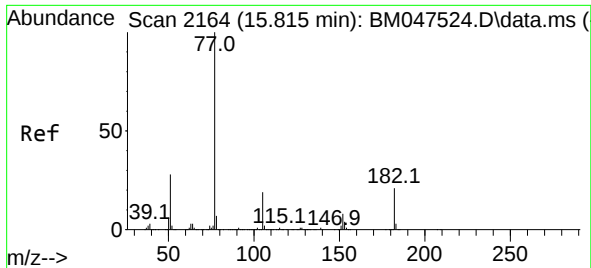


#62
4-Nitroaniline
Concen: 3.909 ng
RT: 15.521 min Scan# 2114
Delta R.T. -0.012 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34



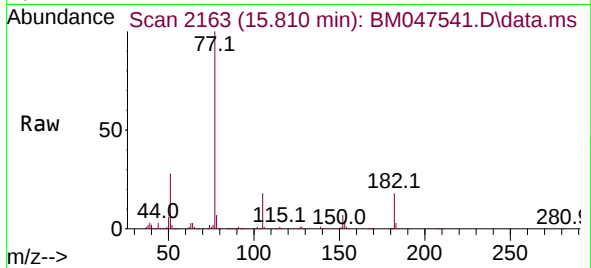
Tgt Ion:138 Resp: 90071
Ion Ratio Lower Upper
138 100
92 57.9 30.0 70.0
108 88.9 61.7 101.7





#63
Azobenzene
Concen: 5.229 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

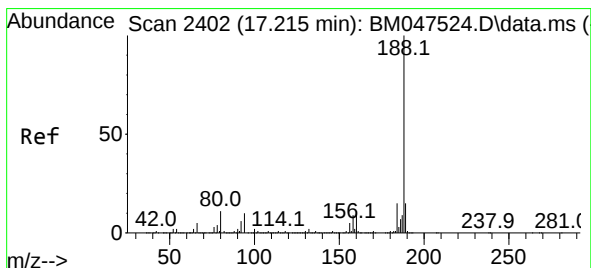
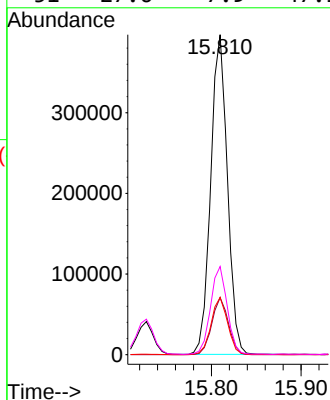
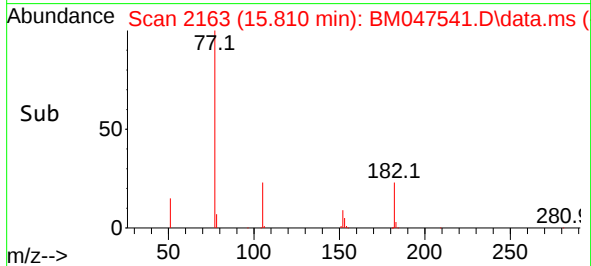
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 77 Resp: 511938
Ion Ratio Lower Upper
77 100
182 17.8 1.2 41.2
105 17.9 0.0 39.4
51 27.6 7.9 47.9

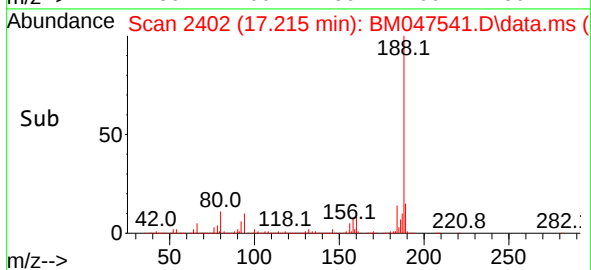
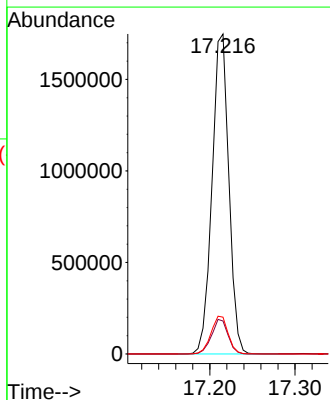
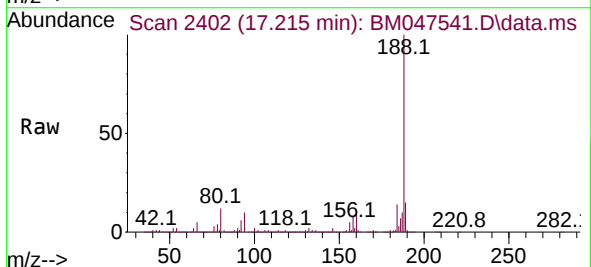
Manual Integrations
APPROVED

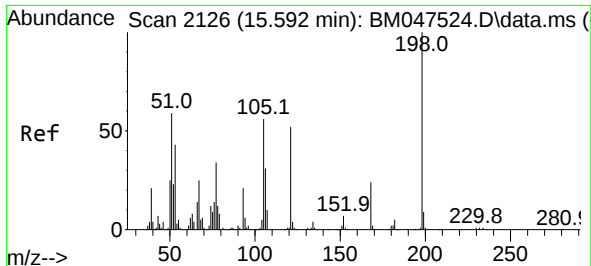
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:188 Resp: 2391113
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 11.5 9.1 13.7





#65

4,6-Dinitro-2-methylphenol

Concen: 9.442 ng

RT: 15.586 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BM047541.D

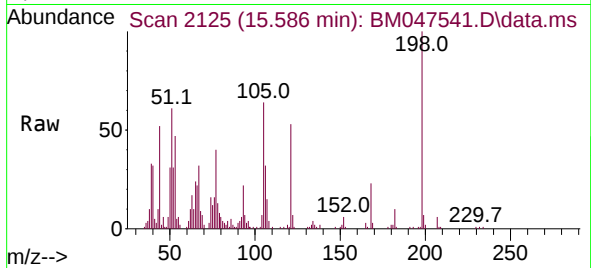
Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:198 Resp: 32495

Ion Ratio Lower Upper

198 100

51 60.5 41.5 81.5

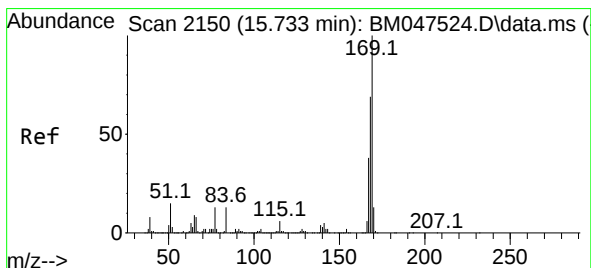
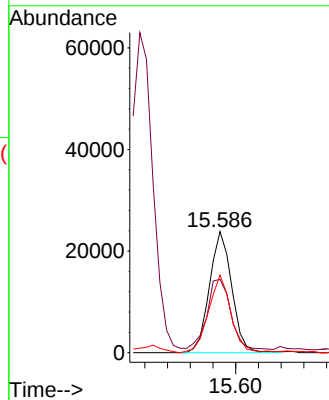
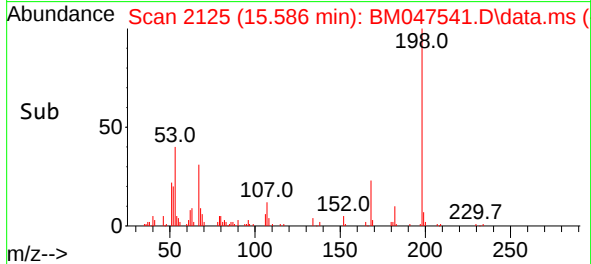
105 63.9 36.4 76.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#66

n-Nitrosodiphenylamine

Concen: 4.458 ng

RT: 15.727 min Scan# 2149

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

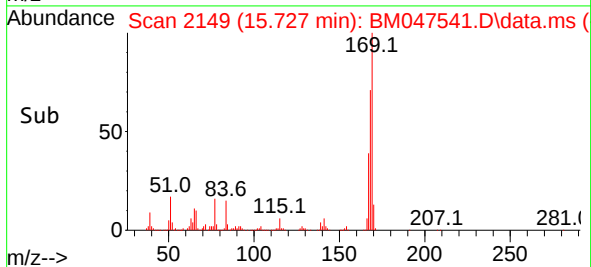
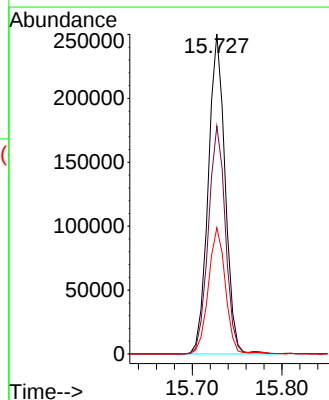
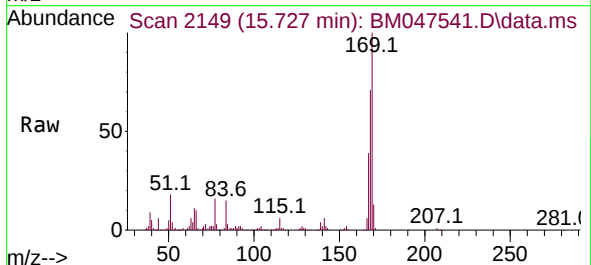
Tgt Ion:169 Resp: 326071

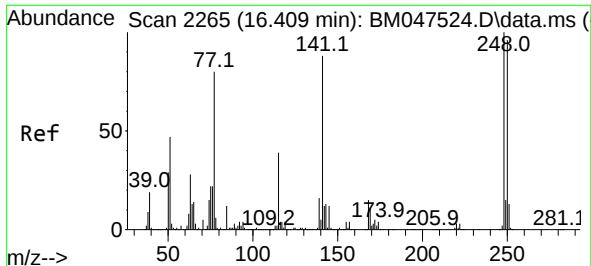
Ion Ratio Lower Upper

169 100

168 71.2 55.3 82.9

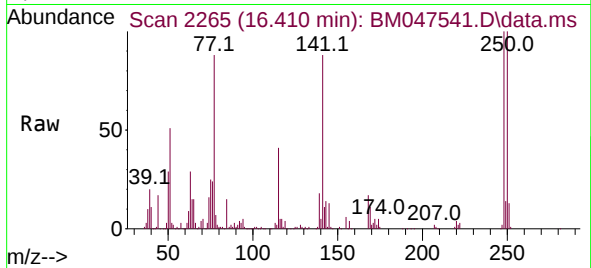
167 39.4 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 4.258 ng
RT: 16.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

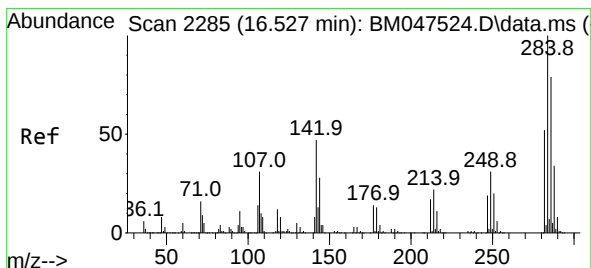
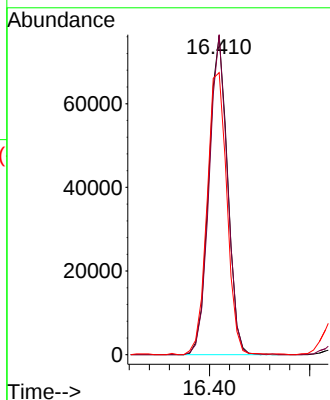
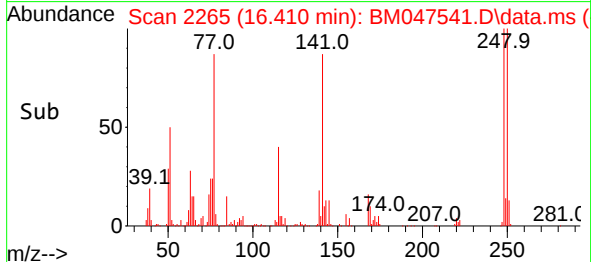
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



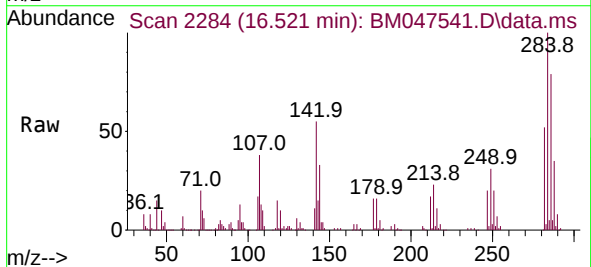
Tgt Ion:248 Resp: 9892
Ion Ratio Lower Upper
248 100
250 100.3 76.9 115.3
141 88.4 70.8 106.2

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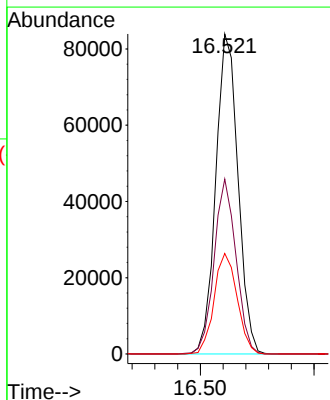
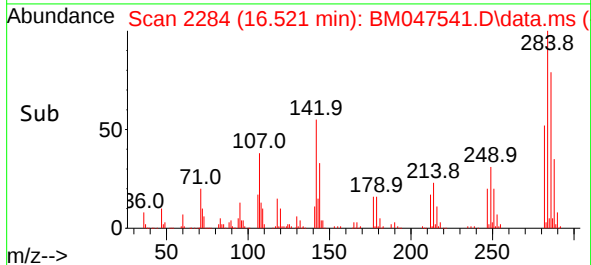
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

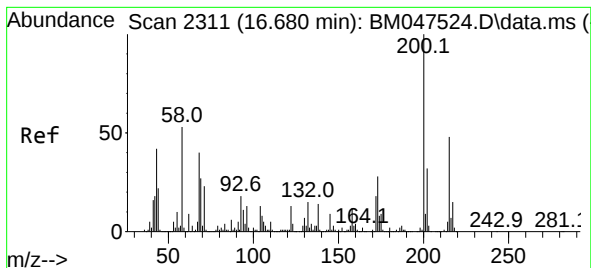


#68
Hexachlorobenzene
Concen: 4.338 ng
RT: 16.521 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34



Tgt Ion:284 Resp: 114175
Ion Ratio Lower Upper
284 100
142 54.7 37.3 55.9
249 31.4 24.5 36.7





#69

Atrazine

Concen: 4.571 ng

RT: 16.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

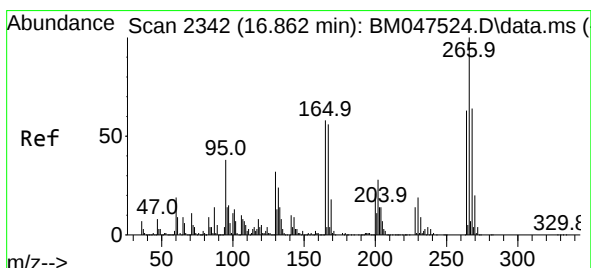
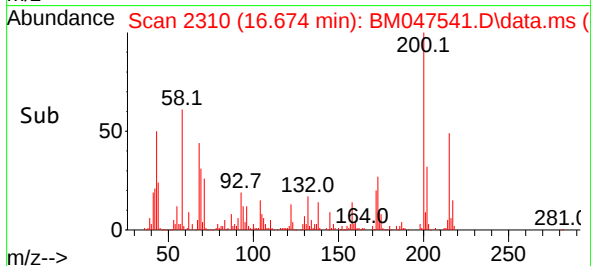
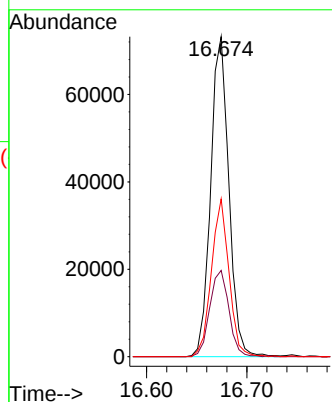
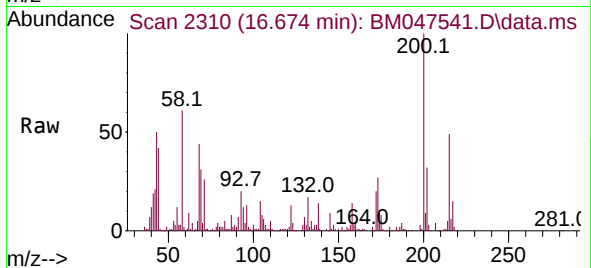
LOQ-WATER-02-QT2-2024

Tgt Ion:200	Resp:	92418
Ion Ratio	Lower	Upper
200	100	
173	26.9	7.7 47.7
215	49.3	27.9 67.9

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 3.388 ng

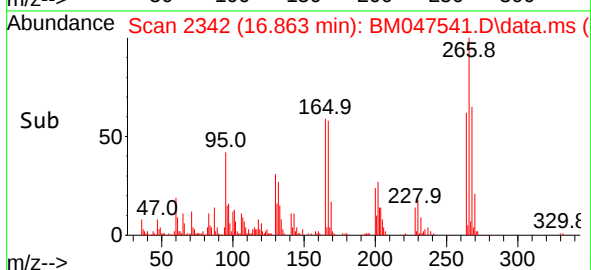
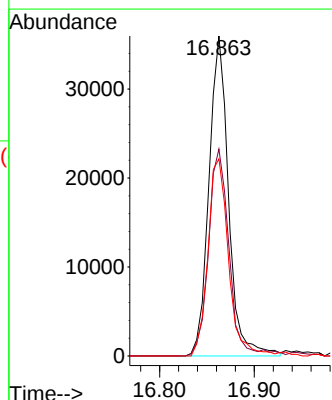
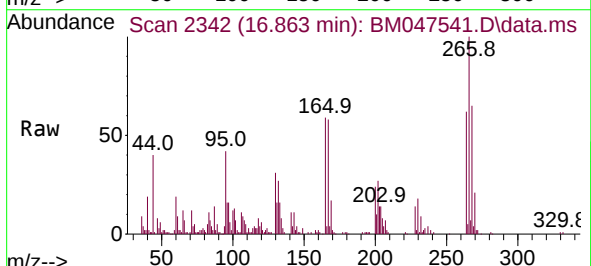
RT: 16.863 min Scan# 2342

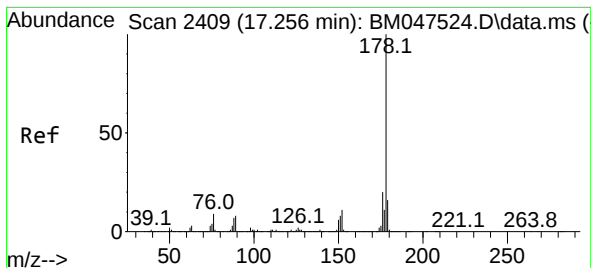
Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:266	Resp:	51690
Ion Ratio	Lower	Upper
266	100	
268	64.6	51.0 76.4
264	61.6	50.4 75.6





#71

Phenanthrene

Concen: 4.660 ng

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

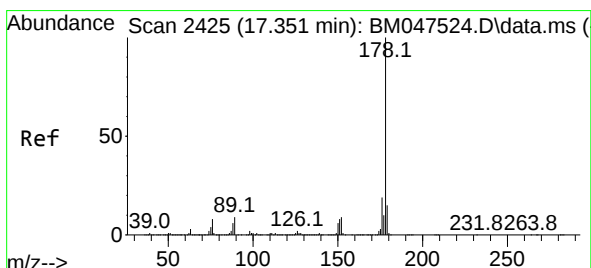
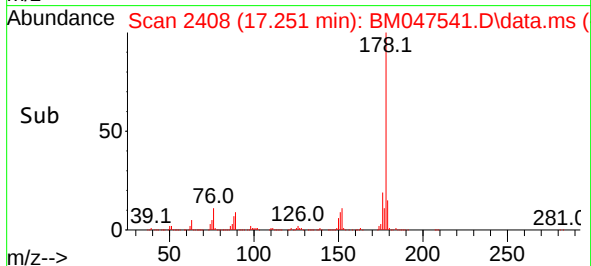
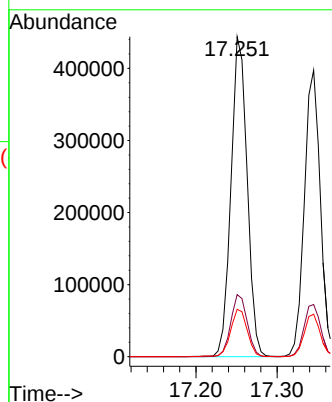
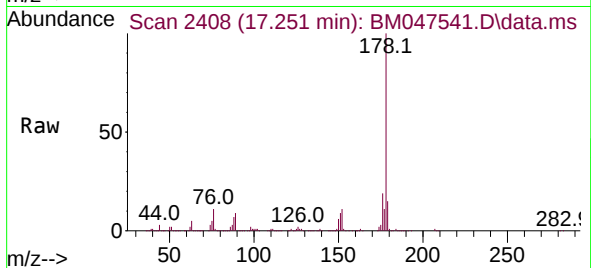
LOQ-WATER-02-QT2-2024

Tgt Ion:	178	Resp:	61405
Ion Ratio	Lower	Upper	
178	100		
176	19.4	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: 4.303 ng

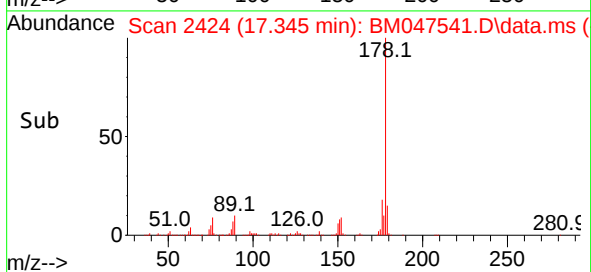
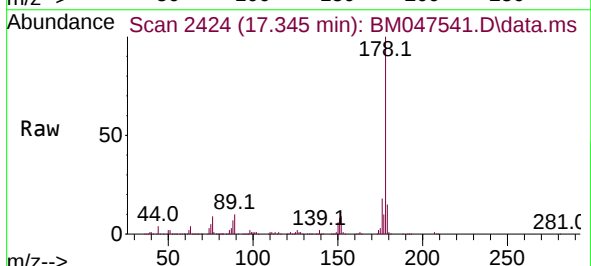
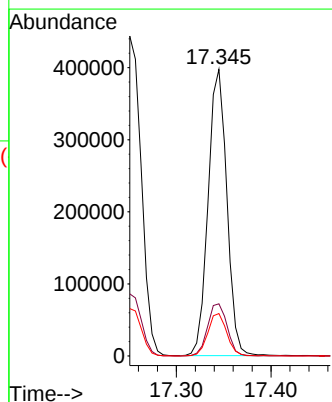
RT: 17.345 min Scan# 2424

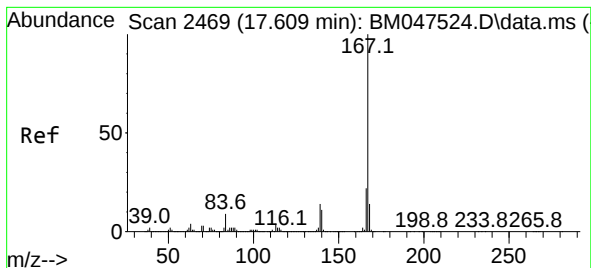
Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:	178	Resp:	544747
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.4	23.0
179	14.8	12.3	18.5





#73

Carbazole

Concen: 4.445 ng

RT: 17.610 min Scan# 2469

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

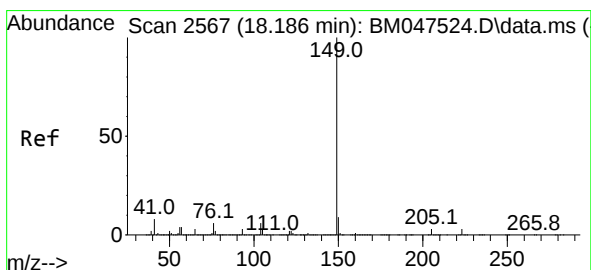
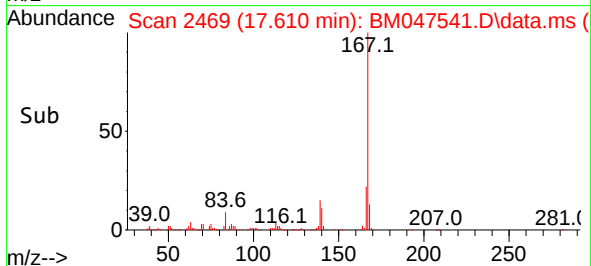
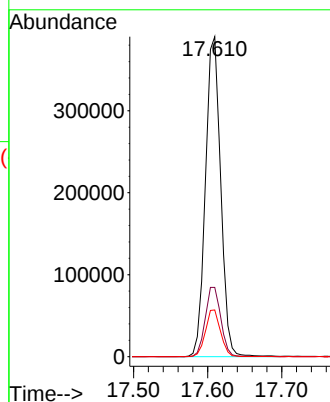
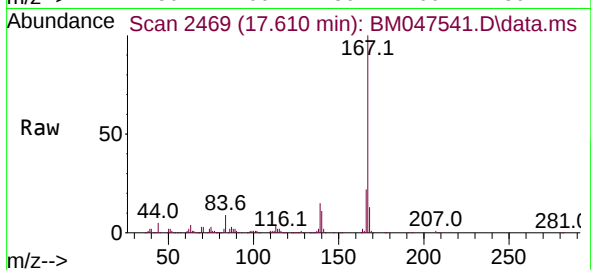
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:167 Resp: 55771
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 14.6 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: 4.550 ng

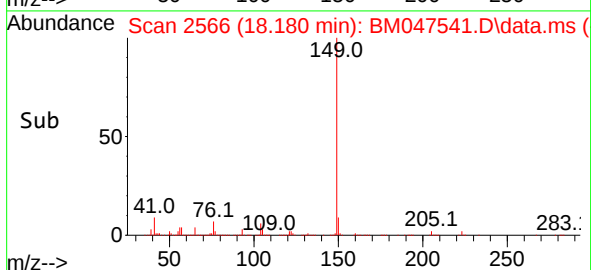
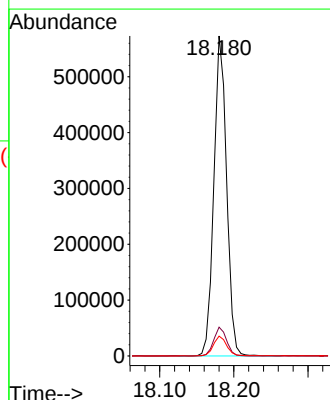
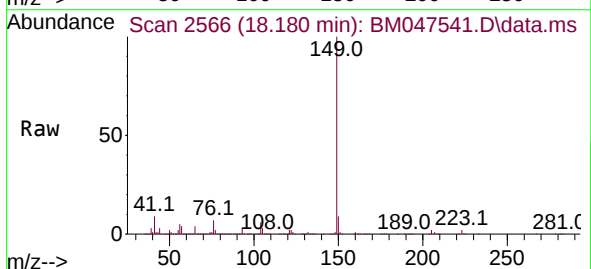
RT: 18.180 min Scan# 2566

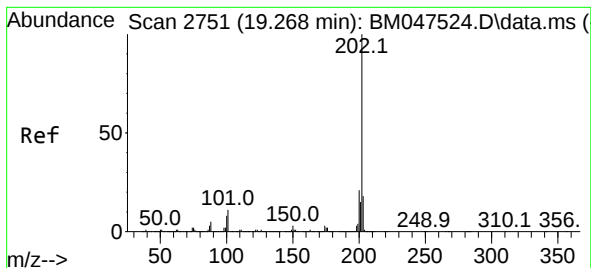
Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:149 Resp: 683013
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 4.216 ng

RT: 19.262 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:202 Resp: 606169

Ion Ratio Lower Upper

202 100

101 13.5 0.0 30.8

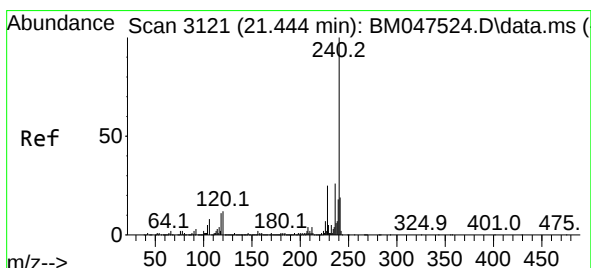
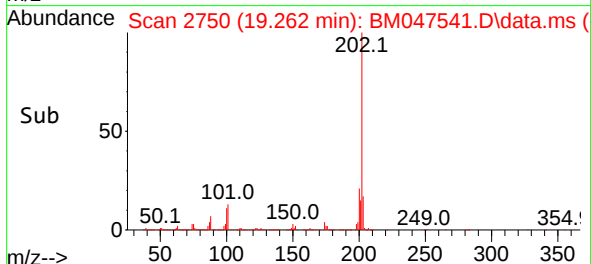
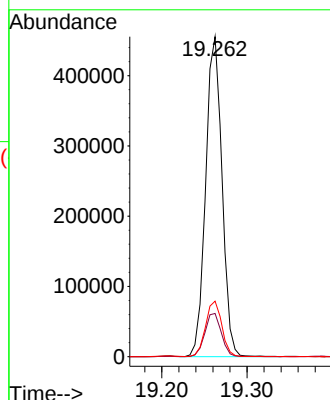
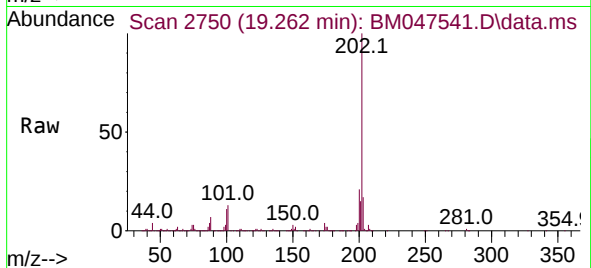
203 17.3 0.0 37.7

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: BM047541.D

Acq: 17 Sep 2024 12:34

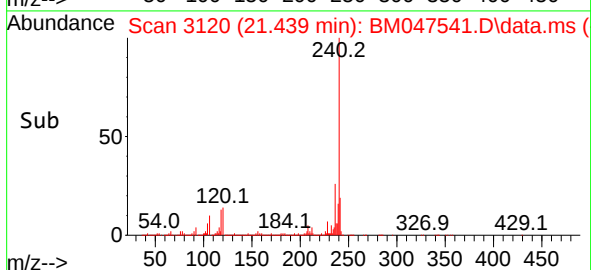
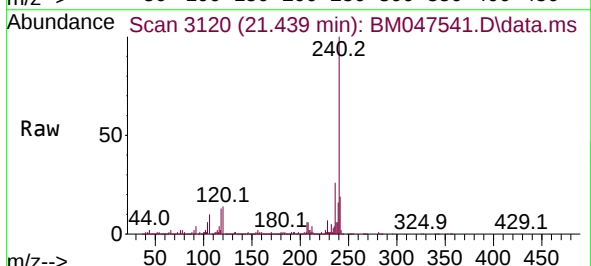
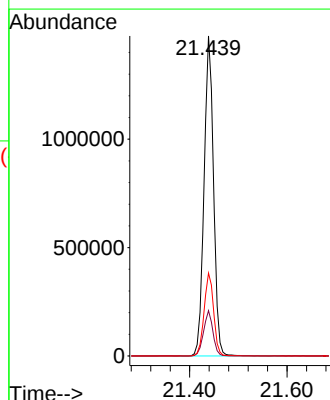
Tgt Ion:240 Resp: 1986277

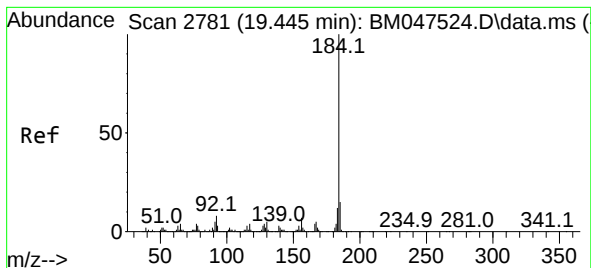
Ion Ratio Lower Upper

240 100

120 14.1 9.6 14.4

236 25.9 20.9 31.3





#77

Benzidine

Concen: 4.039 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

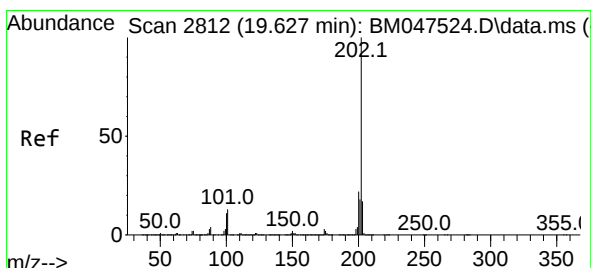
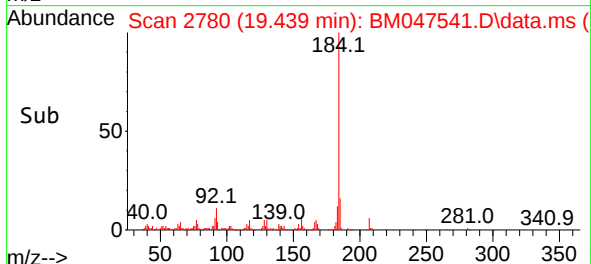
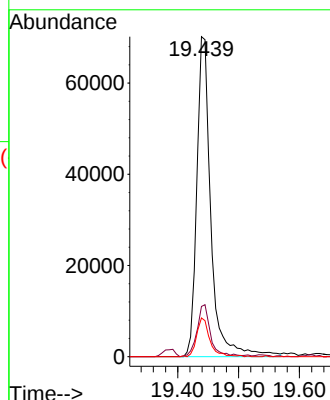
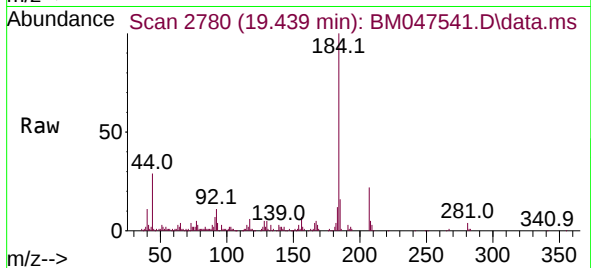
LOQ-WATER-02-QT2-2024

Tgt Ion:184 Resp: 113000
 Ion Ratio Lower Upper
 184 100
 185 15.7 12.2 18.2
 183 12.1 9.6 14.4

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 4.445 ng

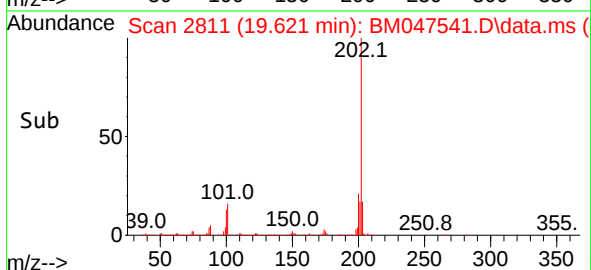
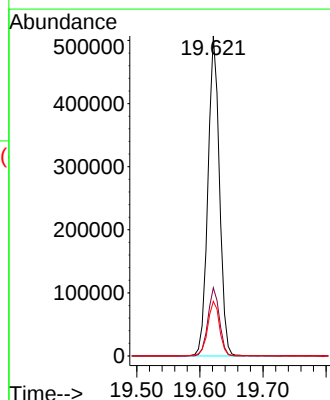
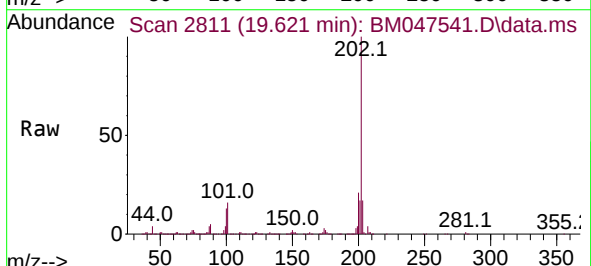
RT: 19.621 min Scan# 2811

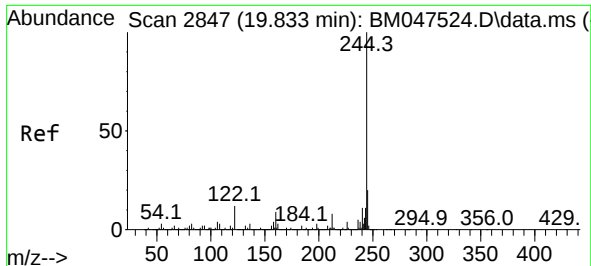
Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

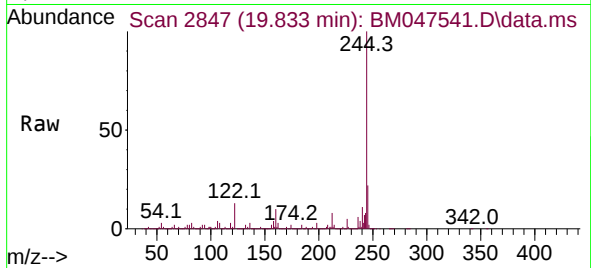
Tgt Ion:202 Resp: 643960
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.2 25.8
 203 17.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 90.965 ng
 RT: 19.833 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BM047541.D
 Acq: 17 Sep 2024 12:34

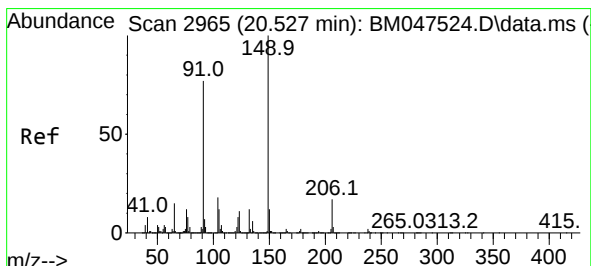
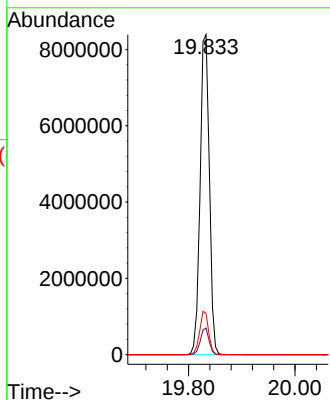
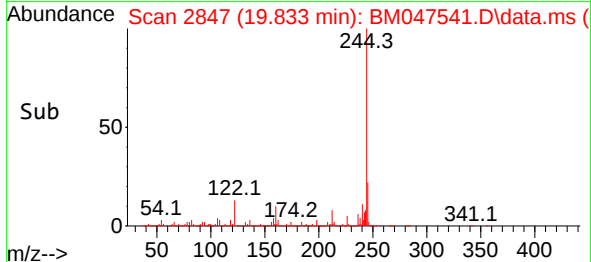
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion:244 Resp:10082980
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 13.0 9.6 14.4

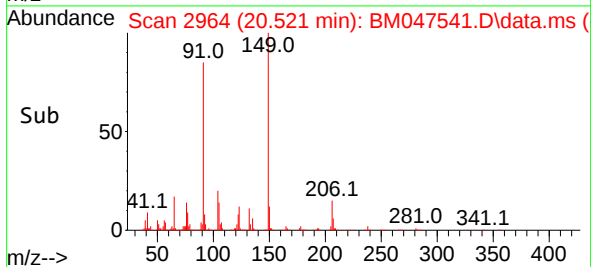
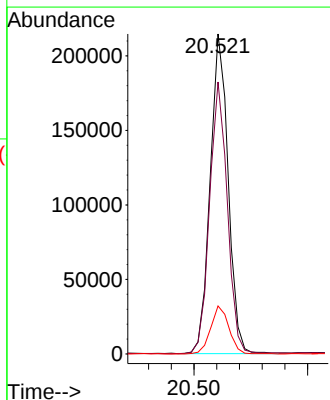
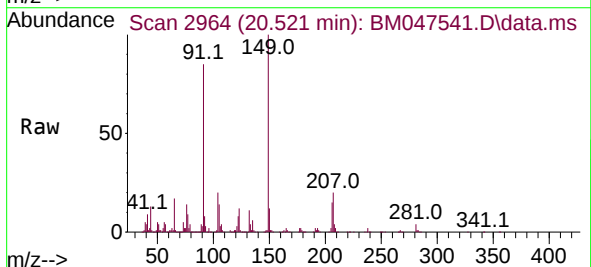
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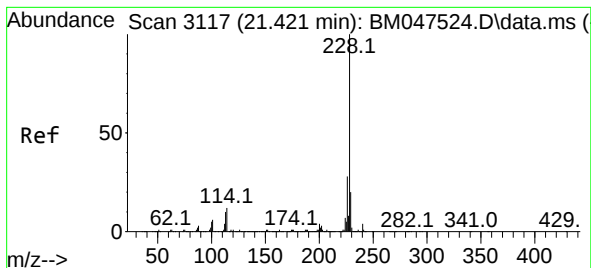
Reviewed By :Jagrut Upadhyay 09/18/2024
 Supervised By :mohammad ahmed 09/19/2024



#80
 Butylbenzylphthalate
 Concen: 4.222 ng
 RT: 20.521 min Scan# 2964
 Delta R.T. -0.006 min
 Lab File: BM047541.D
 Acq: 17 Sep 2024 12:34

Tgt Ion:149 Resp: 235488
 Ion Ratio Lower Upper
 149 100
 91 85.0 62.0 93.0
 206 15.0 13.8 20.8





#81

Benzo(a)anthracene

Concen: 4.863 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

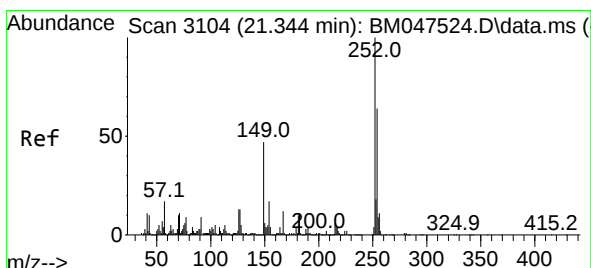
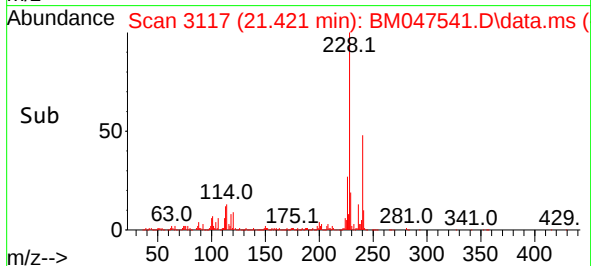
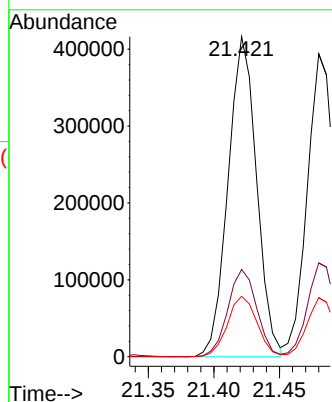
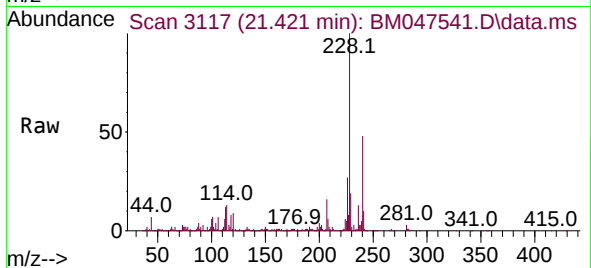
LOQ-WATER-02-QT2-2024

Tgt Ion:	228	Resp:	62960
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.4	33.6
229	18.9	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: 4.608 ng

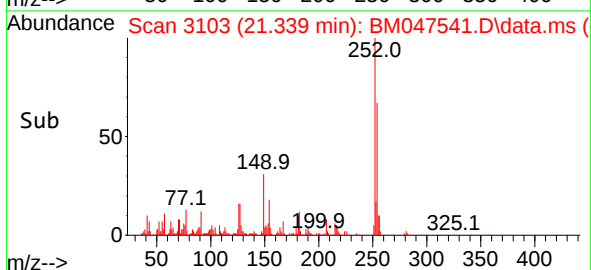
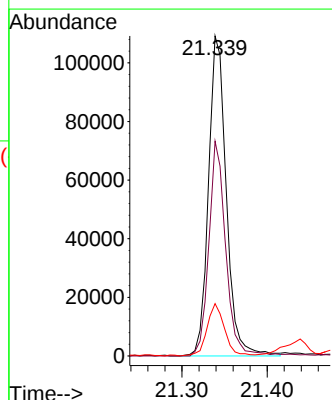
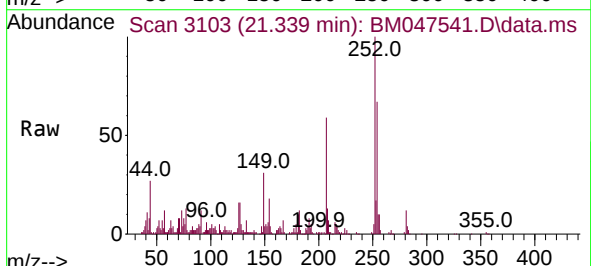
RT: 21.339 min Scan# 3103

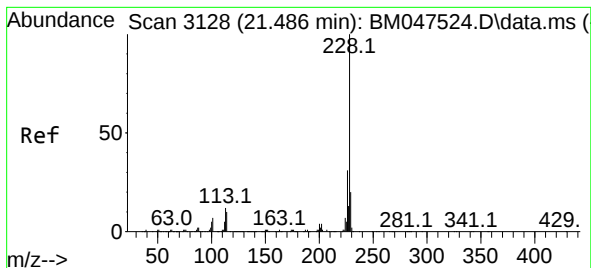
Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:	252	Resp:	158706
Ion Ratio	Lower	Upper	
252	100		
254	67.1	51.5	77.3
126	16.4	10.3	15.5





#83

Chrysene

Concen: 4.780 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM047541.D

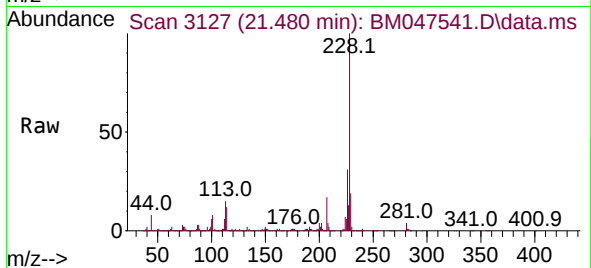
Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:228 Resp: 585349

Ion Ratio Lower Upper

228 100

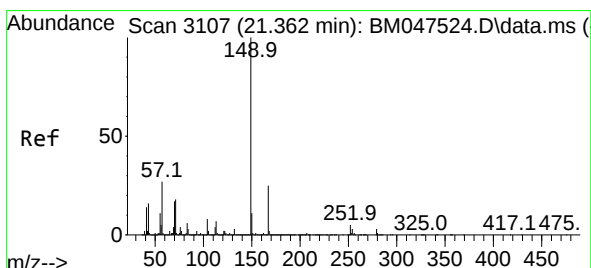
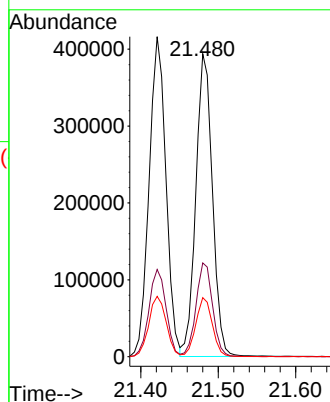
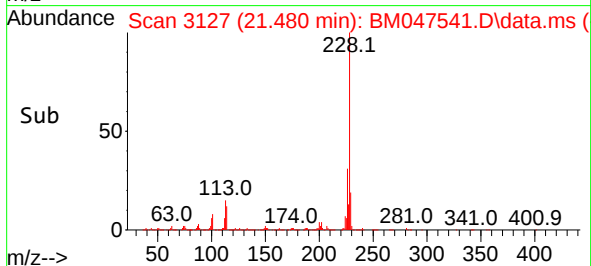
226 31.0 25.0 37.6

229 19.5 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: 4.548 ng

RT: 21.356 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

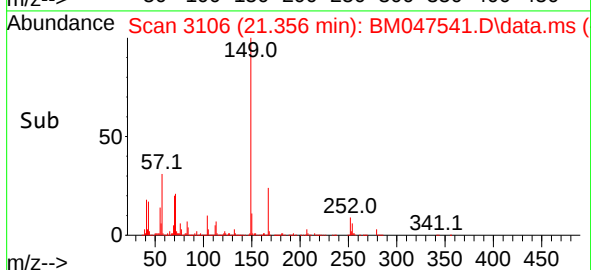
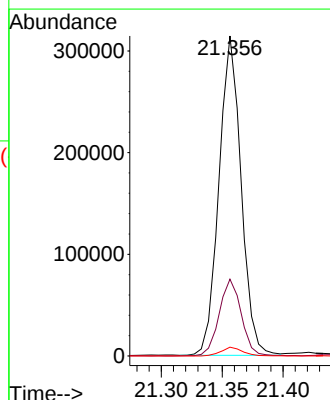
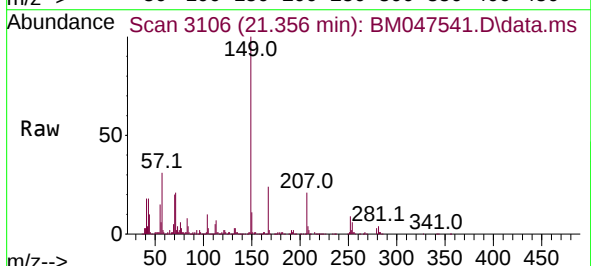
Tgt Ion:149 Resp: 397325

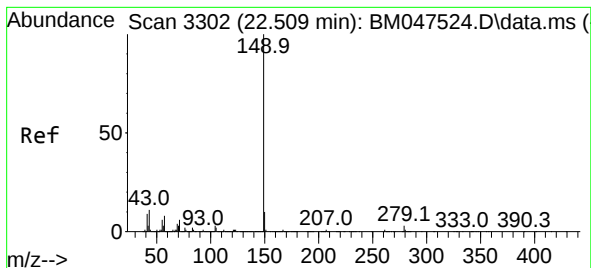
Ion Ratio Lower Upper

149 100

167 24.0 20.2 30.4

279 2.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 4.524 ng

RT: 22.503 min Scan# 3301

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

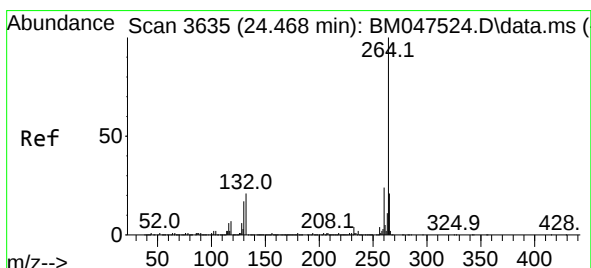
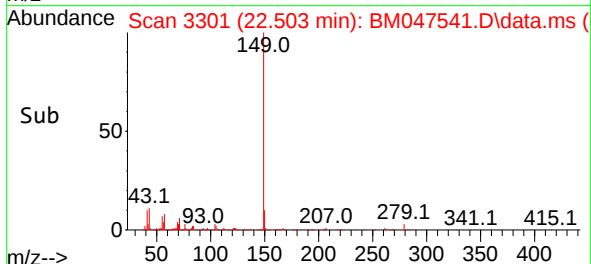
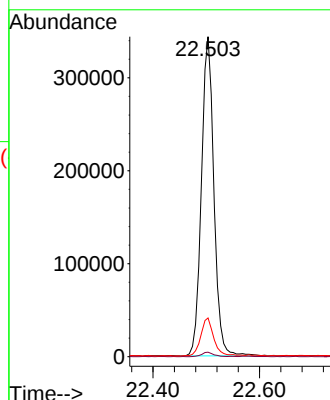
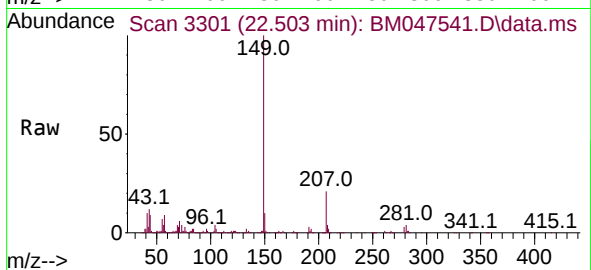
LOQ-WATER-02-QT2-2024

Tgt Ion:149	Resp: 55913
Ion Ratio	Lower Upper
149 100	
167 1.4	1.1 1.7
43 12.2	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

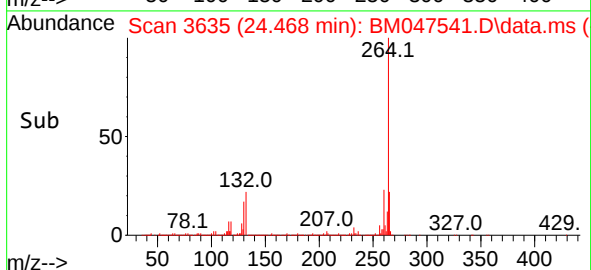
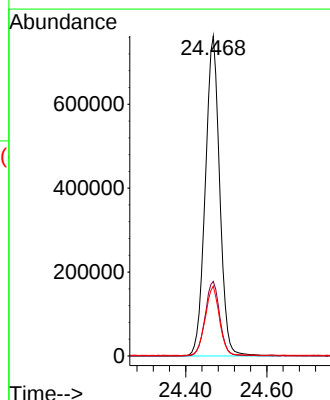
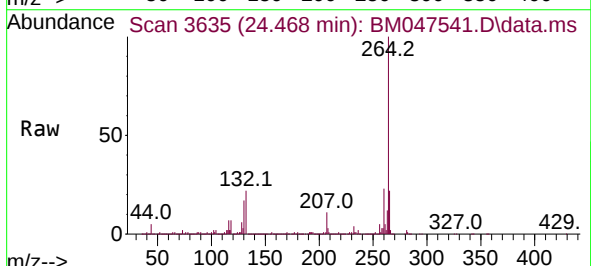
RT: 24.468 min Scan# 3635

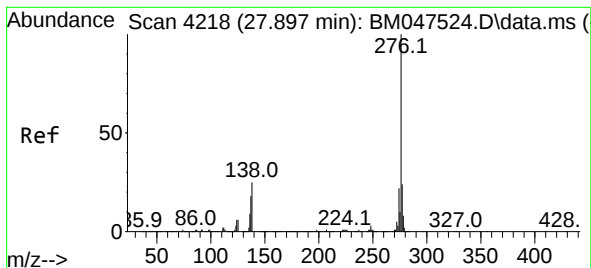
Delta R.T. 0.000 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:264	Resp: 1869878
Ion Ratio	Lower Upper
264 100	
260 23.3	18.9 28.3
265 21.9	17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.102 ng

RT: 27.874 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:276 Resp: 570924

Ion Ratio Lower Upper

276 100

138 33.3 25.0 37.6

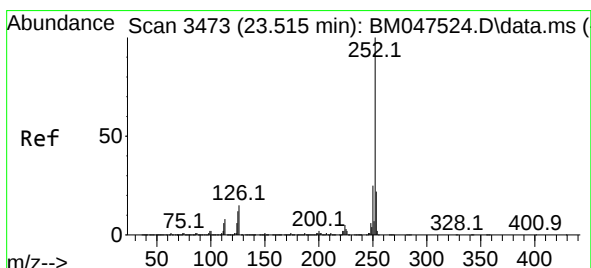
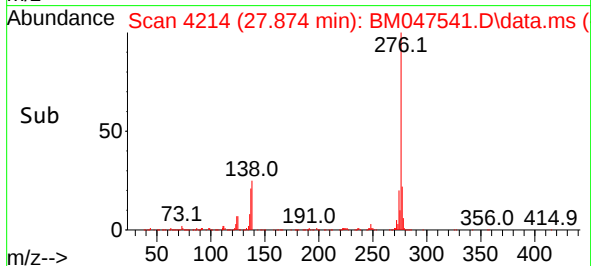
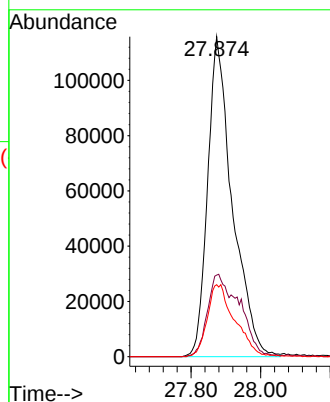
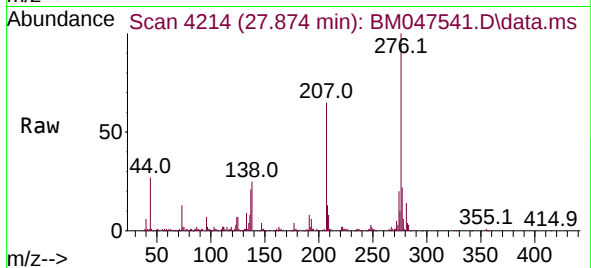
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024

Supervised By :mohammad ahmed 09/19/2024



#88

Benzo(b)fluoranthene

Concen: 4.586 ng

RT: 23.509 min Scan# 3472

Delta R.T. -0.006 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

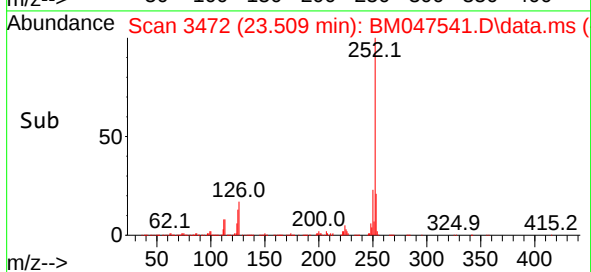
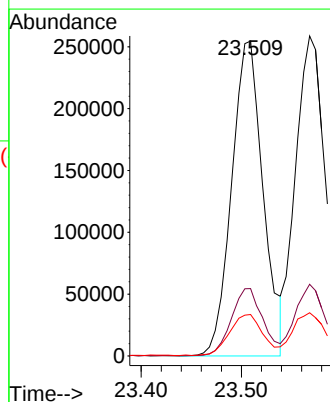
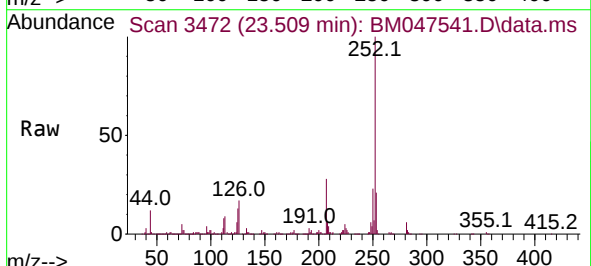
Tgt Ion:252 Resp: 554785

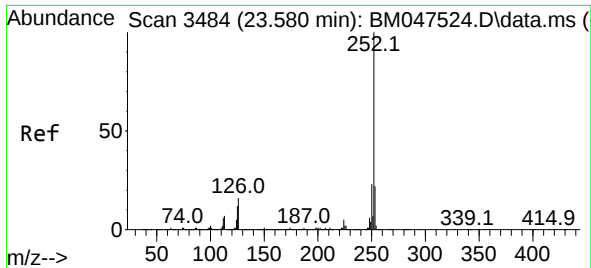
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

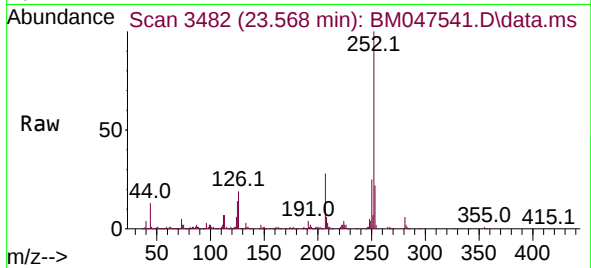
125 13.2 9.5 14.3





#89
Benzo(k)fluoranthene
Concen: 4.555 ng
RT: 23.568 min Scan# 3484
Delta R.T. -0.012 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

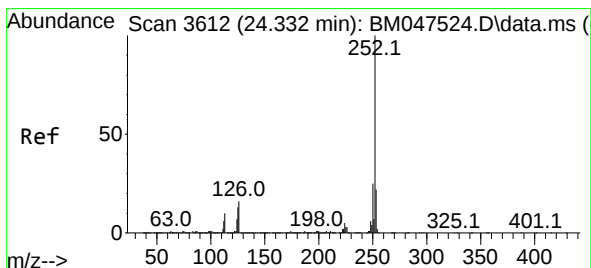
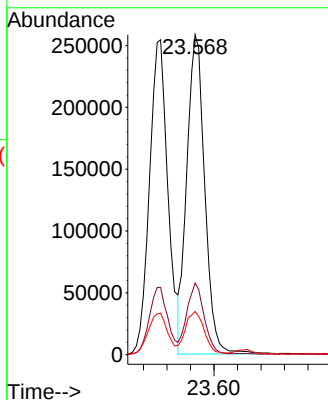
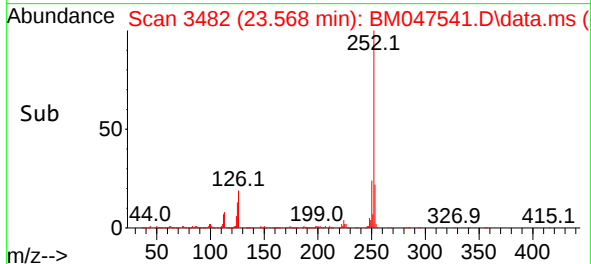
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:252 Resp: 546170
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 13.5 9.5 14.3

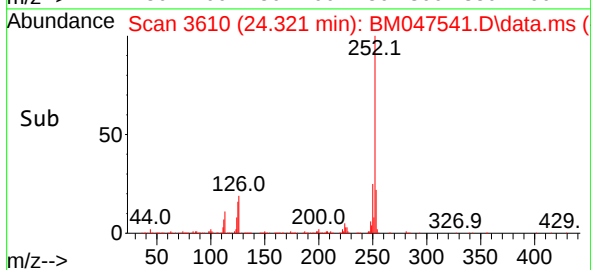
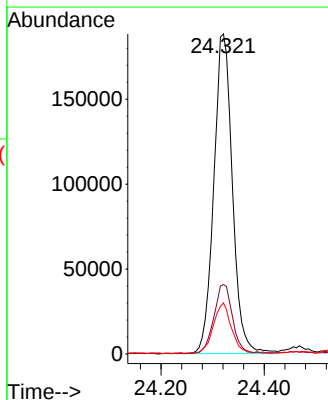
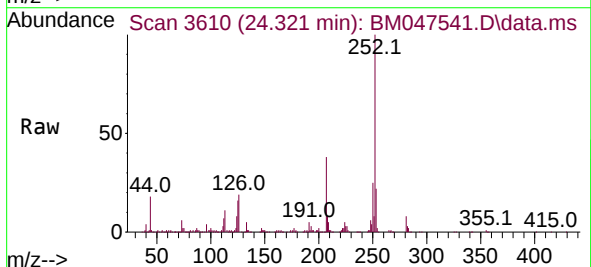
Manual Integrations
APPROVED

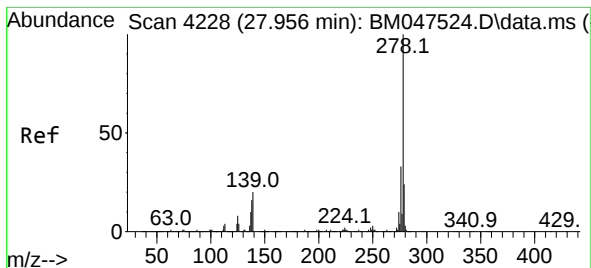
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024



#90
Benzo(a)pyrene
Concen: 4.750 ng
RT: 24.321 min Scan# 3610
Delta R.T. -0.012 min
Lab File: BM047541.D
Acq: 17 Sep 2024 12:34

Tgt Ion:252 Resp: 471027
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 16.0 10.2 15.4#





#91

Dibenzo(a,h)anthracene

Concen: 4.934 ng

RT: 27.938 min Scan# 4395

Delta R.T. -0.017 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_M

ClientSampleId :

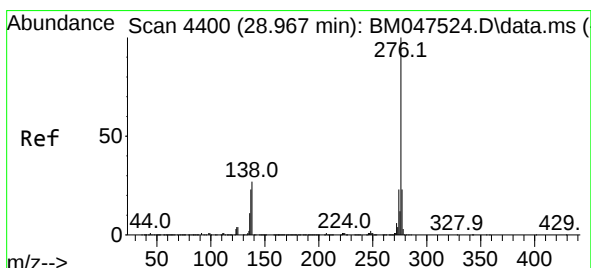
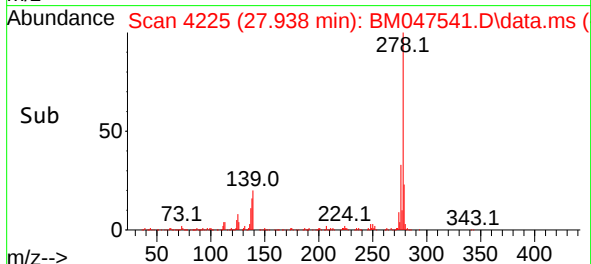
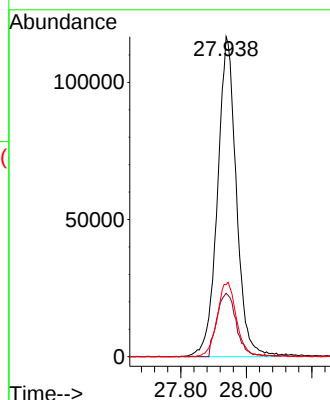
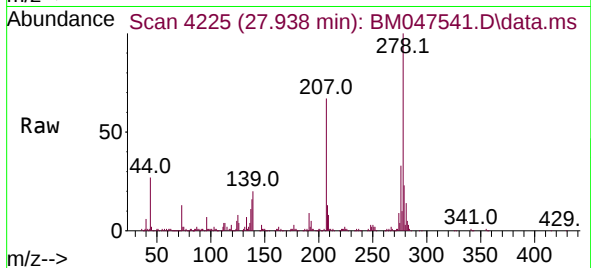
LOQ-WATER-02-QT2-2024

Tgt Ion:	278	Resp:	46450
Ion Ratio	Lower	Upper	
278	100		
139	19.8	15.9	23.9
279	22.5	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: 4.849 ng

RT: 28.944 min Scan# 4396

Delta R.T. -0.023 min

Lab File: BM047541.D

Acq: 17 Sep 2024 12:34

Tgt Ion:	276	Resp:	445931
Ion Ratio	Lower	Upper	
276	100		
277	22.3	18.6	28.0
138	29.3	21.5	32.3

