

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047160.D
 Acq On : 12 Aug 2024 18:11
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-10NG
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 12 18:56:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	273452	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1140100	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	760236	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1694488	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1610754	20.000	ng	0.00
86) Perylene-d12	23.721	264	1792538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2233979	145.977	ng	0.00
7) Phenol-d6	6.587	99	3096236	146.831	ng	0.00
23) Nitrobenzene-d5	8.522	82	2009385	88.746	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	1413054	160.300	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	4360329	88.472	ng	0.00
79) Terphenyl-d14	19.462	244	7441010	98.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	76799	12.112	ng	98
3) Pyridine	3.416	79	199876	10.750	ng	99
4) n-Nitrosodimethylamine	3.328	42	95364	11.739	ng	# 88
6) Aniline	6.722	93	282412	14.169	ng	98
8) 2-Chlorophenol	6.945	128	195011	11.683	ng	98
9) Benzaldehyde	6.534	77	166777m	11.395	ng	
10) Phenol	6.610	94	234558	11.148	ng	99
11) bis(2-Chloroethyl)ether	6.822	93	210143	11.662	ng	98
12) 1,3-Dichlorobenzene	7.263	146	220593	11.122	ng	99
13) 1,4-Dichlorobenzene	7.404	146	228898	11.398	ng	99
14) 1,2-Dichlorobenzene	7.716	146	218221	11.517	ng	99
15) Benzyl Alcohol	7.622	79	185403	12.354	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.910	45	283939	12.280	ng	99
17) 2-Methylphenol	7.828	107	159881	11.390	ng	99
18) Hexachloroethane	8.428	117	84146	10.817	ng	98
19) n-Nitroso-di-n-propyla...	8.181	70	177793	12.517	ng	96
20) 3+4-Methylphenols	8.157	107	228354	11.636	ng	98
22) Acetophenone	8.192	105	332322	12.076	ng	97
24) Nitrobenzene	8.563	77	257266	11.284	ng	99
25) Isophorone	9.086	82	474967	12.048	ng	100
26) 2-Nitrophenol	9.263	139	104714	10.371	ng	99
27) 2,4-Dimethylphenol	9.339	122	117537	9.938	ng	98
28) bis(2-Chloroethoxy)met...	9.569	93	292272	11.782	ng	100
29) 2,4-Dichlorophenol	9.792	162	196015	11.169	ng	99
30) 1,2,4-Trichlorobenzene	9.998	180	217857	10.970	ng	97
31) Naphthalene	10.175	128	645873	11.372	ng	100
32) Benzoic acid	9.457	122	124356m	9.050	ng	
33) 4-Chloroaniline	10.304	127	269073	12.320	ng	98
34) Hexachlorobutadiene	10.463	225	118782	10.218	ng	99
35) Caprolactam	11.092	113	68840	11.295	ng	97
36) 4-Chloro-3-methylphenol	11.445	107	209674	11.219	ng	99
37) 2-Methylnaphthalene	11.804	142	459198	11.355	ng	96
38) 1-Methylnaphthalene	12.027	142	451678	11.302	ng	96
40) 1,2,4,5-Tetrachloroben...	12.186	216	231638	11.171	ng	100
41) Hexachlorocyclopentadiene	12.163	237	43195	5.966	ng	99
43) 2,4,6-Trichlorophenol	12.445	196	160454	10.887	ng	98

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

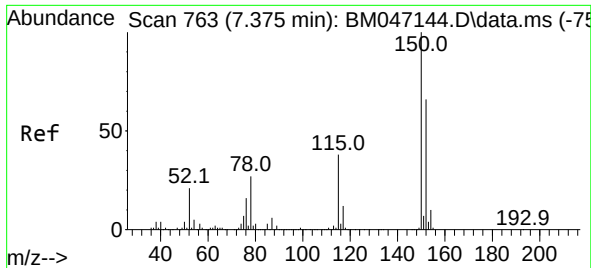
Quant Time: Aug 12 18:56:38 2024
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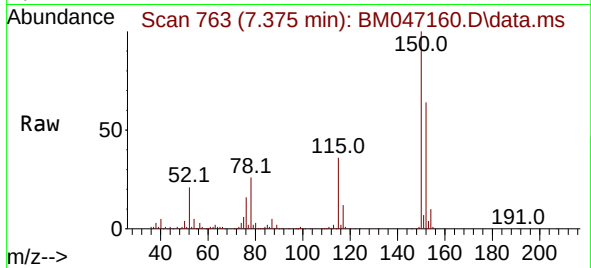
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44) 2,4,5-Trichlorophenol	12.516	196	176269	10.772	ng	97
46) 1,1'-Biphenyl	12.851	154	629067	11.623	ng	98
47) 2-Chloronaphthalene	12.886	162	498158	11.776	ng	98
48) 2-Nitroaniline	13.110	65	150735	11.374	ng	93
49) Acenaphthylene	13.745	152	808038	12.959	ng	99
50) Dimethylphthalate	13.504	163	638570	12.027	ng	100
51) 2,6-Dinitrotoluene	13.621	165	138854	11.187	ng	96
52) Acenaphthene	14.092	154	464251	11.737	ng	98
53) 3-Nitroaniline	13.951	138	142331	11.444	ng	92
54) 2,4-Dinitrophenol	14.168	184	67097	9.020	ng	94
55) Dibenzofuran	14.433	168	774865	12.402	ng	100
56) 4-Nitrophenol	14.292	139	118165	11.018	ng	92
57) 2,4-Dinitrotoluene	14.421	165	183216	11.059	ng	93
58) Fluorene	15.092	166	627590	12.174	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	155764	11.582	ng	98
60) Diethylphthalate	14.892	149	644282	11.883	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	292902	11.935	ng	99
62) 4-Nitroaniline	15.127	138	141727m	11.567	ng	
63) Azobenzene	15.392	77	634506	12.342	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	92359	9.310	ng	97
66) n-Nitrosodiphenylamine	15.315	169	538276	11.663	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	174815	10.706	ng	98
68) Hexachlorobenzene	16.098	284	215348	11.012	ng	98
69) Atrazine	16.286	200	193778	13.952	ng	99
70) Pentachlorophenol	16.451	266	121736	8.881	ng	97
71) Phenanthrene	16.833	178	1015530	11.942	ng	99
72) Anthracene	16.921	178	946141	11.434	ng	100
73) Carbazole	17.204	167	977542	11.571	ng	99
74) Di-n-butylphthalate	17.792	149	1129413	11.489	ng	99
75) Fluoranthene	18.868	202	1161640	11.231	ng	99
77) Benzidine	19.074	184	316746	11.596	ng	99
78) Pyrene	19.233	202	1223223	10.636	ng	99
80) Butylbenzylphthalate	20.174	149	511010	10.887	ng	99
81) Benzo(a)anthracene	21.009	228	1221665	11.425	ng	99
82) 3,3'-Dichlorobenzidine	20.956	252	434258m	12.980	ng	
83) Chrysene	21.068	228	1123163	11.071	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	757627	11.382	ng	100
85) Di-n-octyl phthalate	22.003	149	1227617	10.850	ng	98
87) Indeno(1,2,3-cd)pyrene	26.703	276	1366463	11.794	ng	99
88) Benzo(b)fluoranthene	22.880	252	1271160	11.941	ng	99
89) Benzo(k)fluoranthene	22.933	252	1176270	11.699	ng	99
90) Benzo(a)pyrene	23.597	252	1061895	11.515	ng	100
91) Dibenzo(a,h)anthracene	26.756	278	1136477	12.120	ng	99
92) Benzo(g,h,i)perylene	27.632	276	1109518	11.397	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

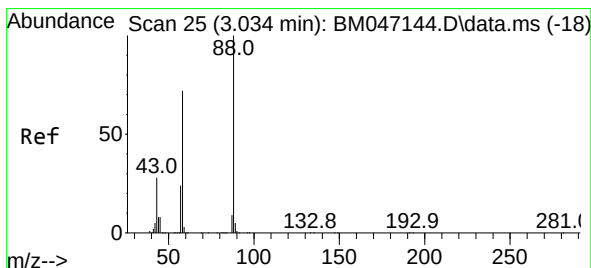
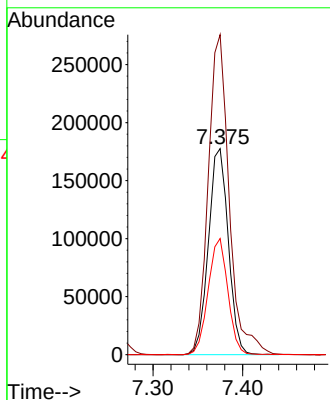
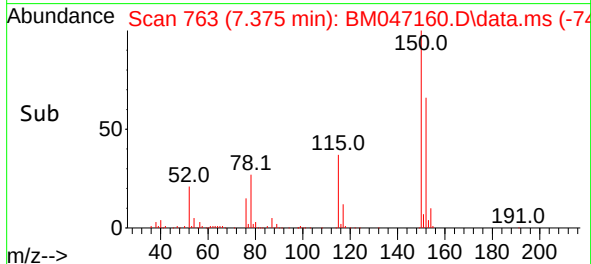
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 152 Resp: 273452
Ion Ratio Lower Upper
152 100
150 155.2 120.5 180.7
115 56.4 45.5 68.3

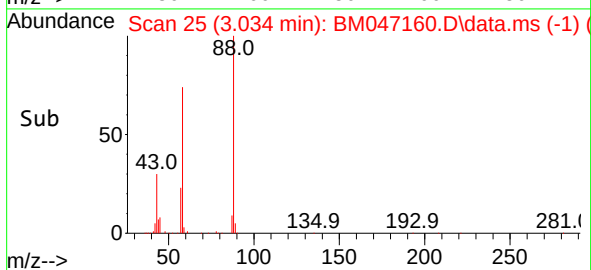
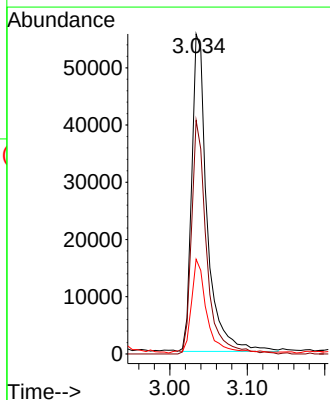
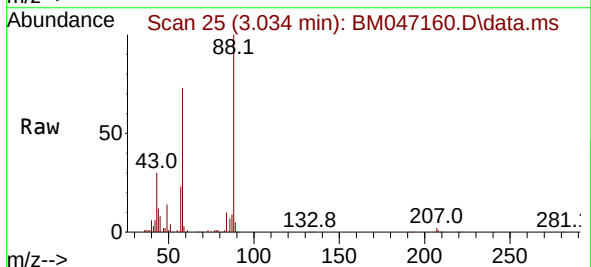
Manual Integrations
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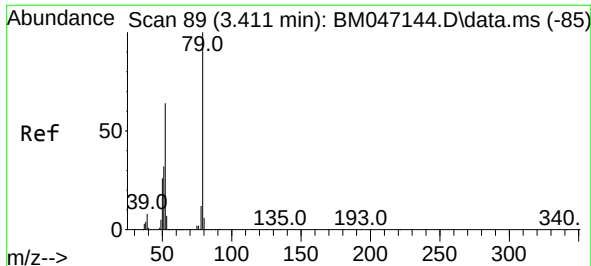
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 12.112 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

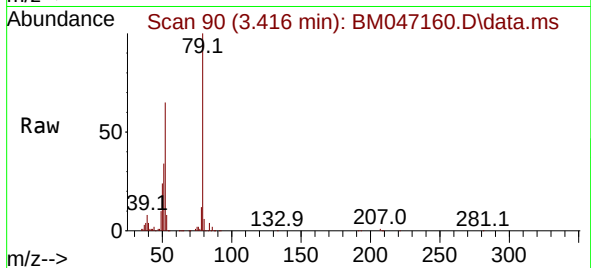
Tgt Ion: 88 Resp: 76799
Ion Ratio Lower Upper
88 100
58 71.5 58.2 87.4
43 29.7 22.5 33.7





#3
Pyridine
Concen: 10.750 ng
RT: 3.416 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

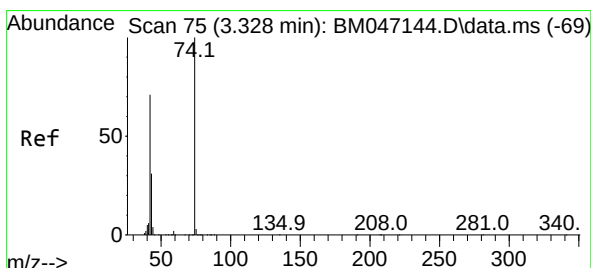
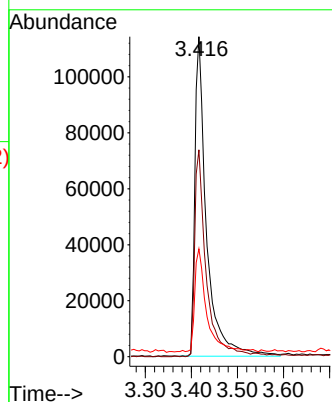
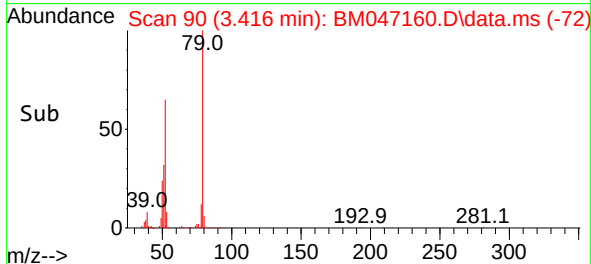
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 79 Resp: 199870
Ion Ratio Lower Upper
79 100
52 64.7 51.2 76.8
51 33.7 26.1 39.1

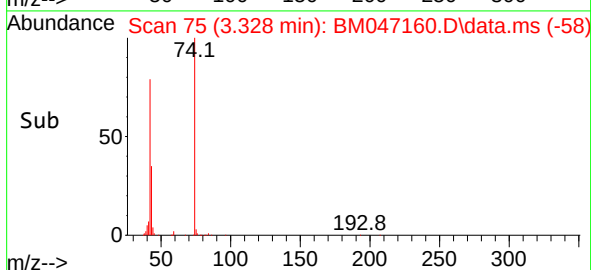
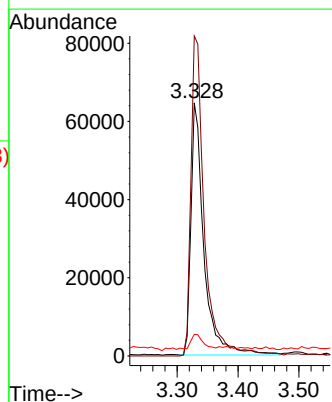
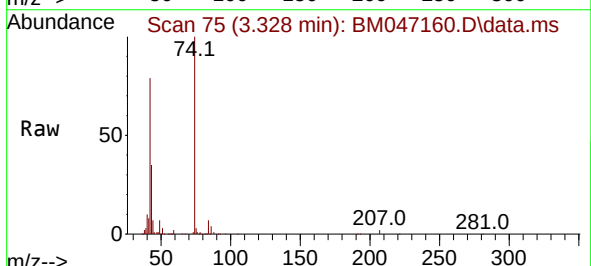
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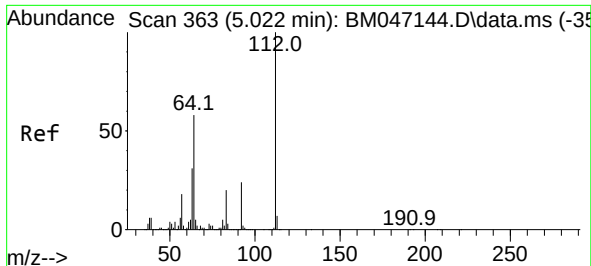
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#4
n-Nitrosodimethylamine
Concen: 11.739 ng
RT: 3.328 min Scan# 75
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

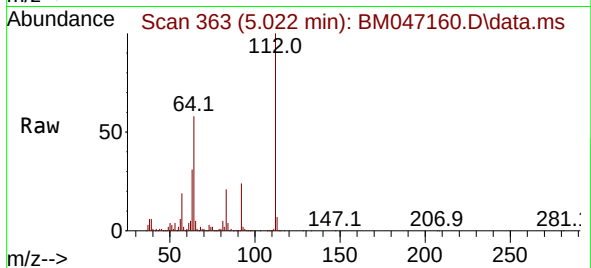
Tgt Ion: 42 Resp: 95364
Ion Ratio Lower Upper
42 100
74 126.4 112.9 169.3
44 8.6 5.3 7.9





#5
2-Fluorophenol
Concen: 145.977 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

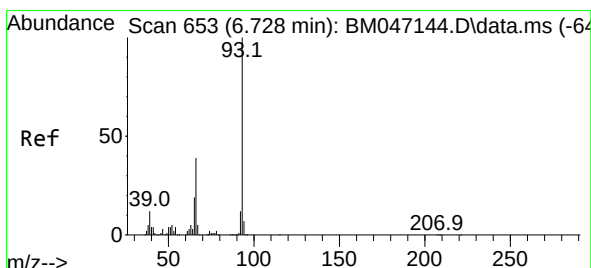
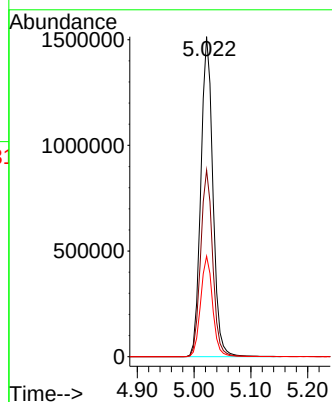
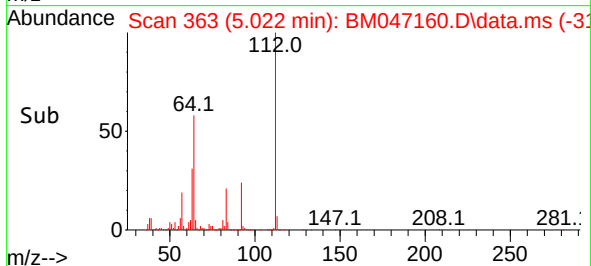
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:112 Resp: 2233979
Ion Ratio Lower Upper
112 100
64 58.3 46.7 70.1
63 31.4 24.8 37.2

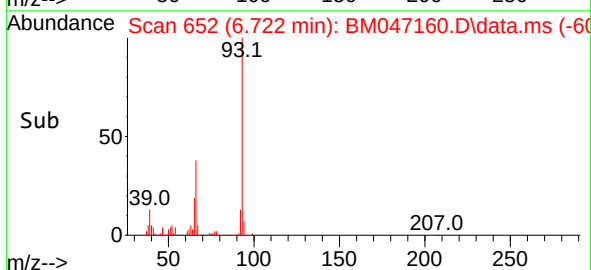
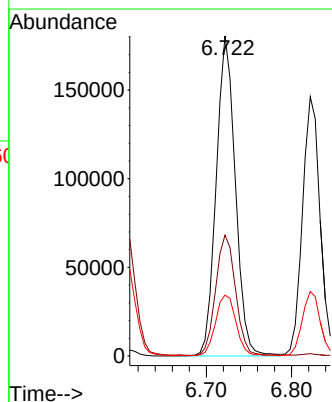
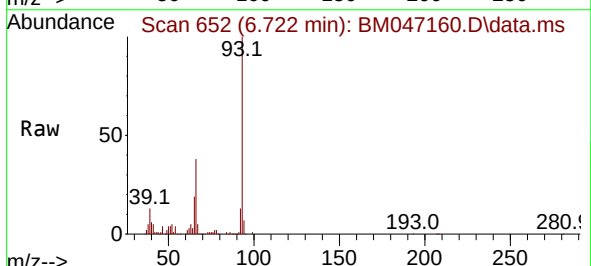
Manual Integrations
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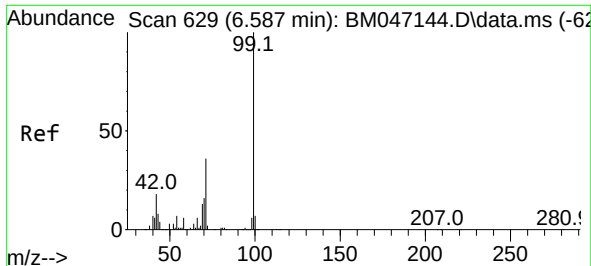
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 14.169 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

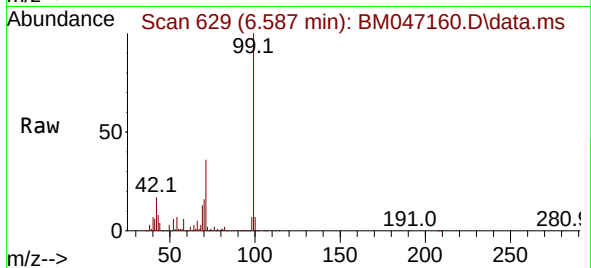
Tgt Ion: 93 Resp: 282412
Ion Ratio Lower Upper
93 100
66 37.7 31.4 47.2
65 19.0 15.6 23.4





#7
Phenol-d6
Concen: 146.831 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

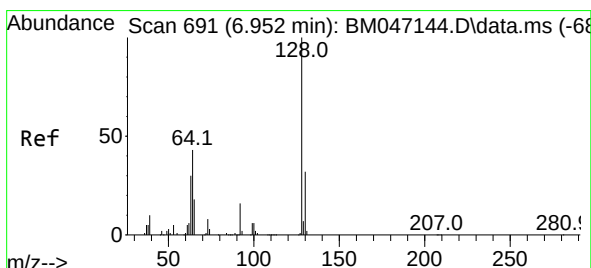
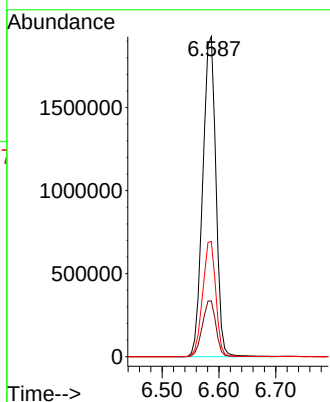
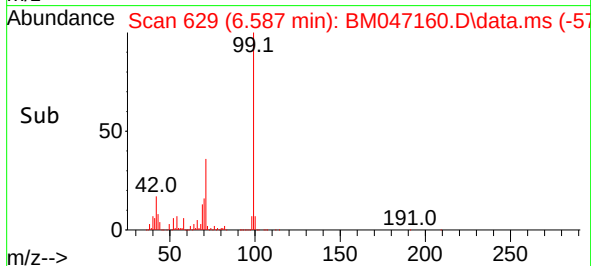
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 99 Resp: 3096230
Ion Ratio Lower Upper
99 100
42 17.5 14.1 21.1
71 36.0 28.5 42.7

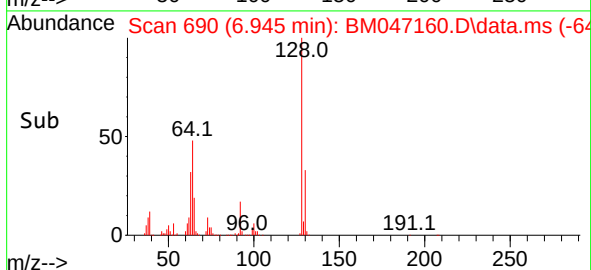
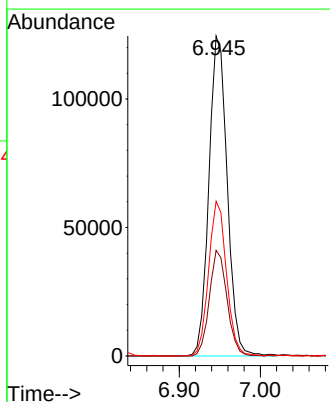
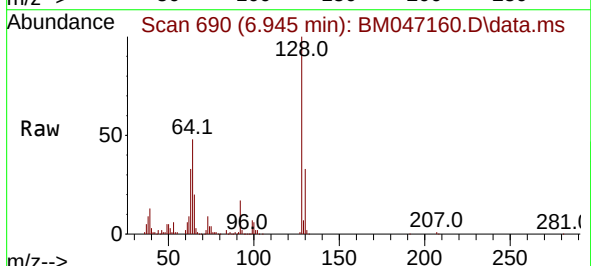
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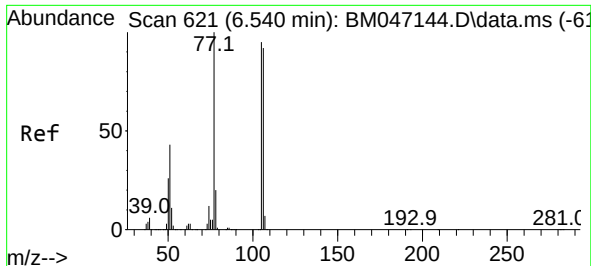
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 11.683 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

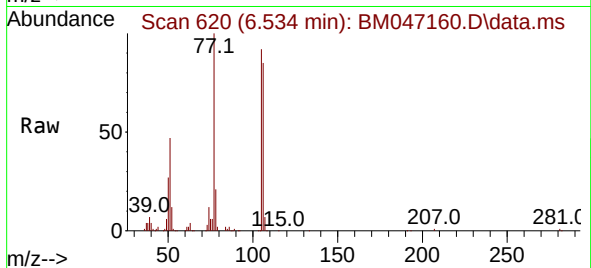
Tgt Ion:128 Resp: 195011
Ion Ratio Lower Upper
128 100
130 33.0 12.1 52.1
64 48.4 26.6 66.6





#9
Benzaldehyde
Concen: 11.395 ng m
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

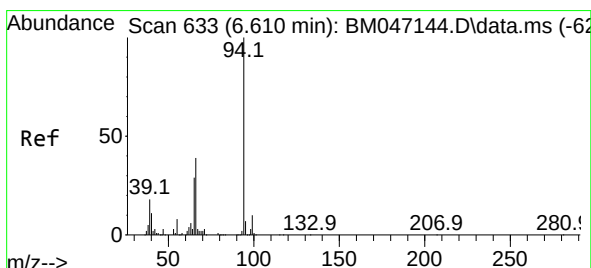
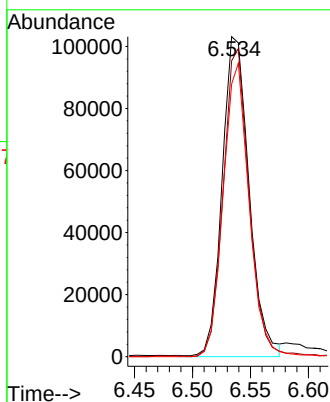
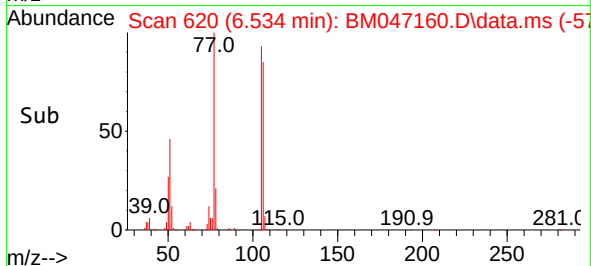
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 77 Resp: 16677
Ion Ratio Lower Upper
77 100
105 92.4 74.5 114.5
106 85.2 72.3 112.3

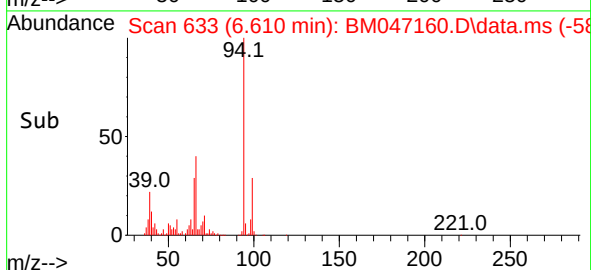
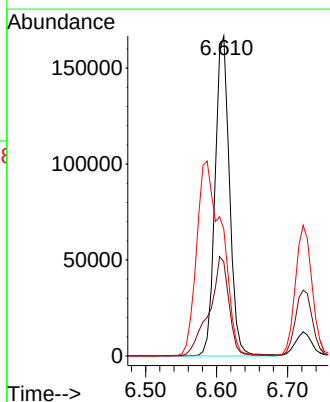
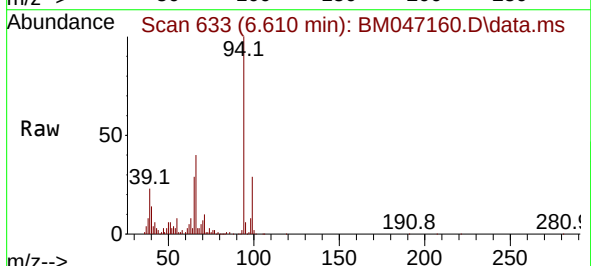
Manual Integrations
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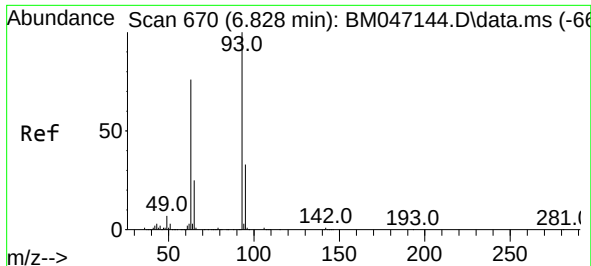
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 11.148 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

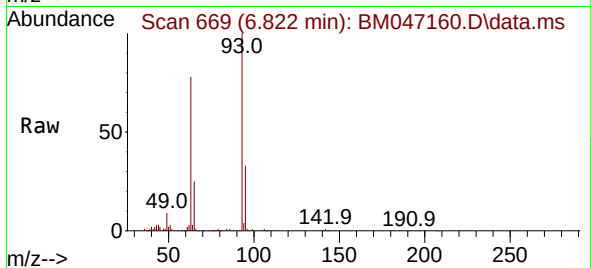
Tgt Ion: 94 Resp: 234558
Ion Ratio Lower Upper
94 100
65 29.4 9.0 49.0
66 39.6 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 11.662 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

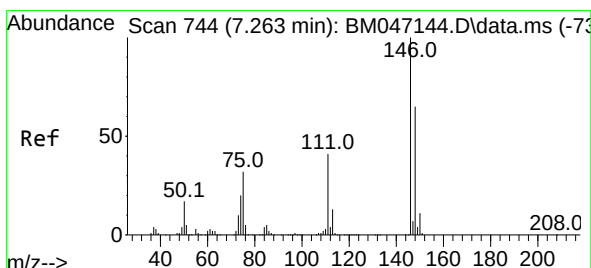
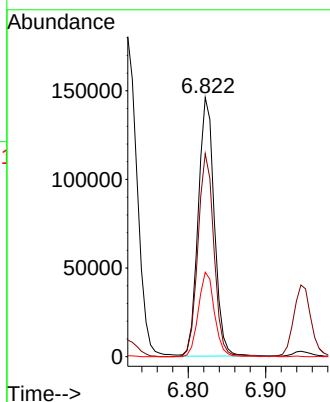
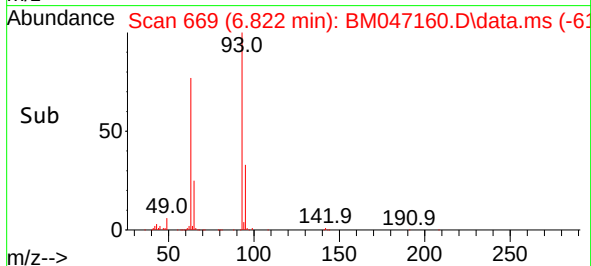
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 93 Resp: 21014
Ion Ratio Lower Upper
93 100
63 78.3 55.8 95.8
95 32.6 12.7 52.7

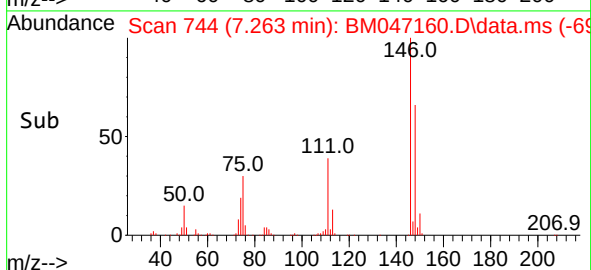
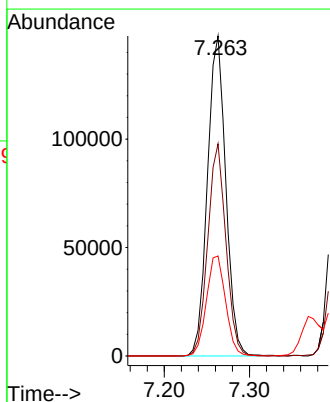
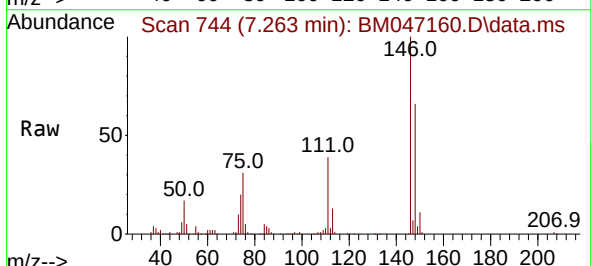
Manual Integrations
APPROVED

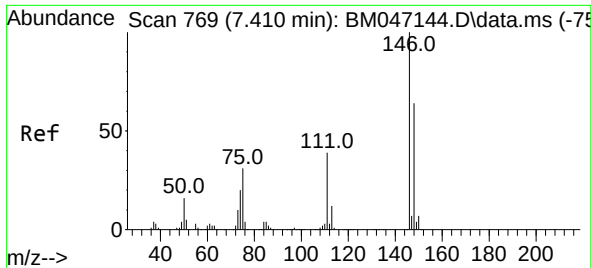
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 11.122 ng
RT: 7.263 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

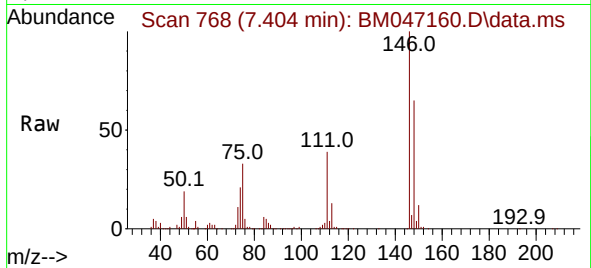
Tgt Ion:146 Resp: 220593
Ion Ratio Lower Upper
146 100
148 66.3 52.3 78.5
75 31.2 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 11.398 ng
RT: 7.404 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

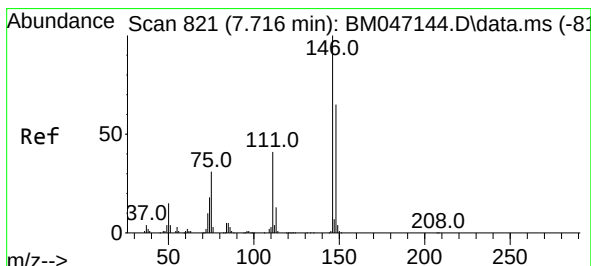
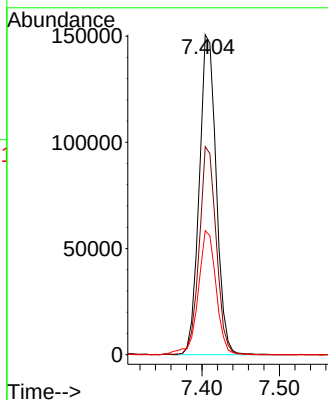
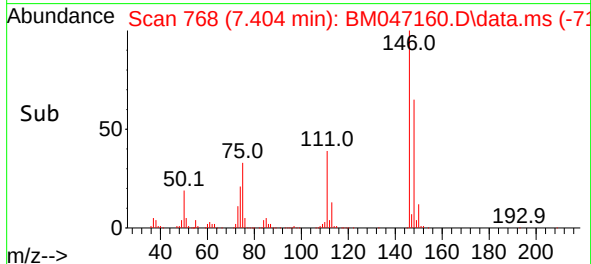
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:146 Resp: 228898
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
111 38.8 31.5 47.3

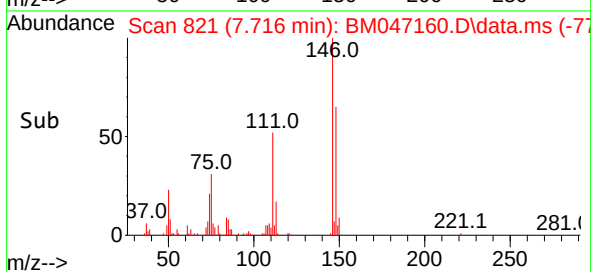
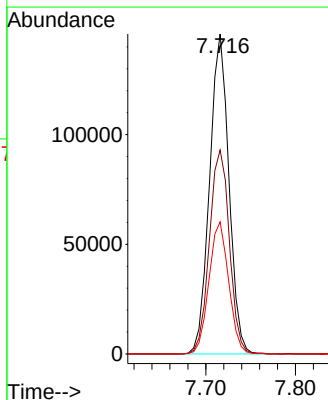
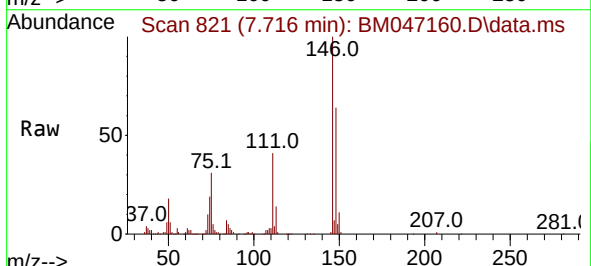
Manual Integrations
APPROVED

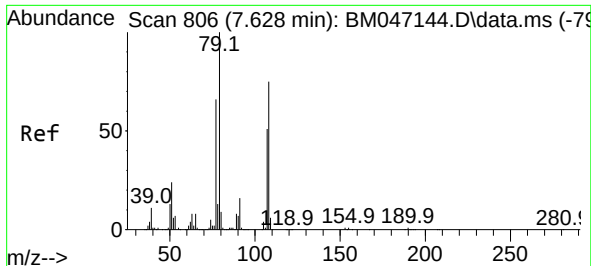
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 11.517 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

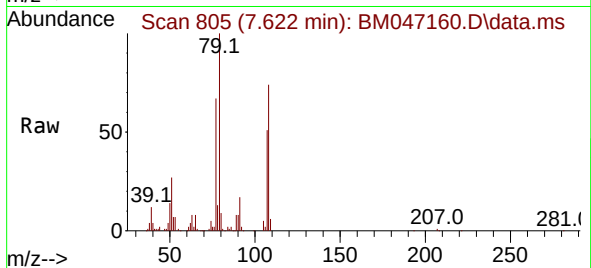
Tgt Ion:146 Resp: 218221
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 41.3 33.3 49.9





#15
Benzyl Alcohol
Concen: 12.354 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

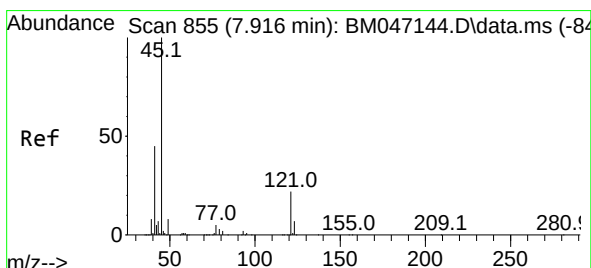
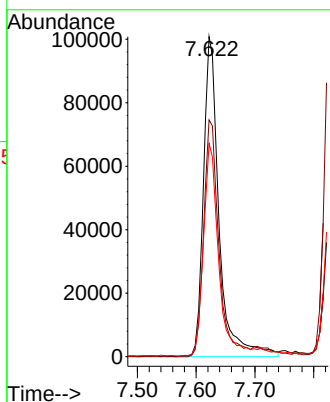
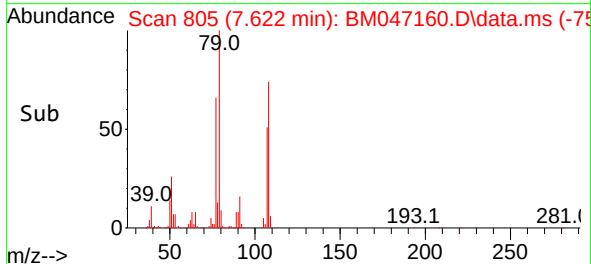
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



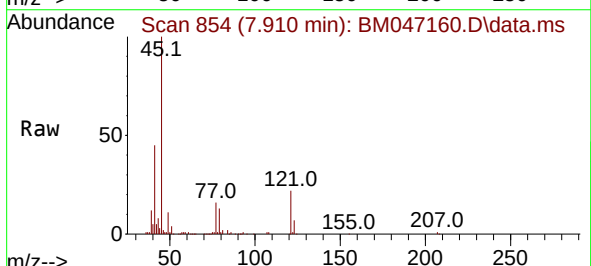
Tgt Ion: 79 Resp: 18540
Ion Ratio Lower Upper
79 100
108 74.0 59.7 89.5
77 66.6 52.9 79.3

Manual Integrations
APPROVED

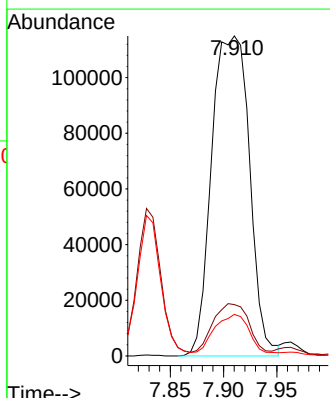
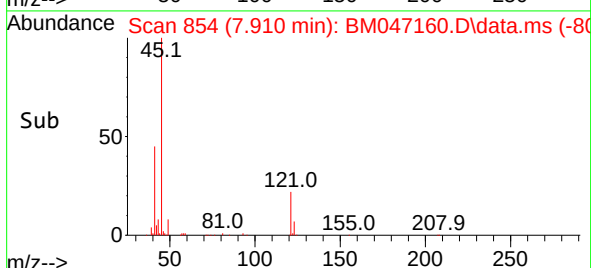
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

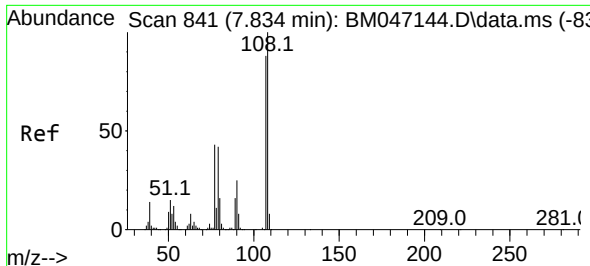


#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.280 ng
RT: 7.910 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



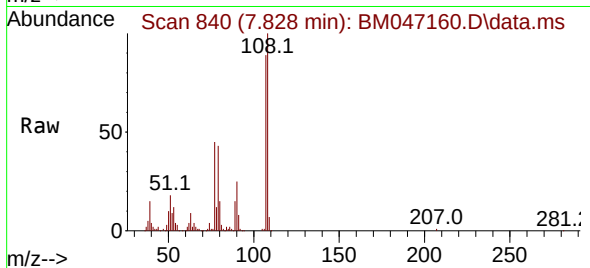
Tgt Ion: 45 Resp: 283939
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.6
79 13.0 0.0 32.4





#17
2-Methylphenol
Concen: 11.390 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

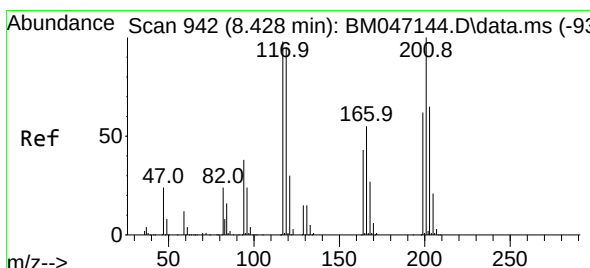
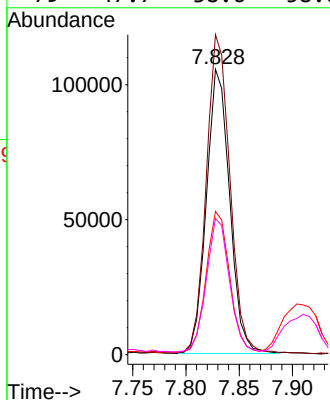
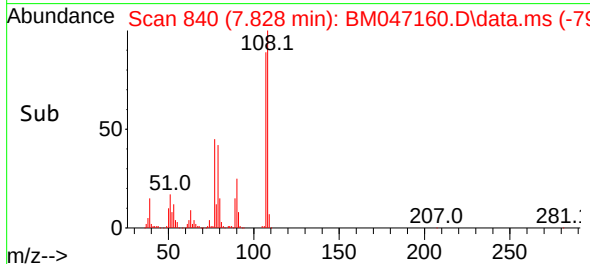
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:	107	Resp:	15988
Ion Ratio	Lower	Upper	
107	100		
108	112.1	90.6	135.8
77	50.2	39.3	58.9
79	47.7	38.6	58.0

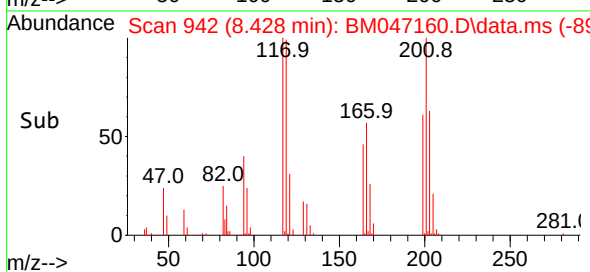
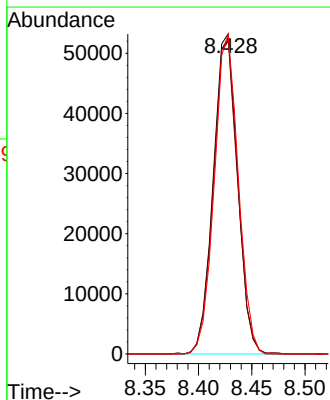
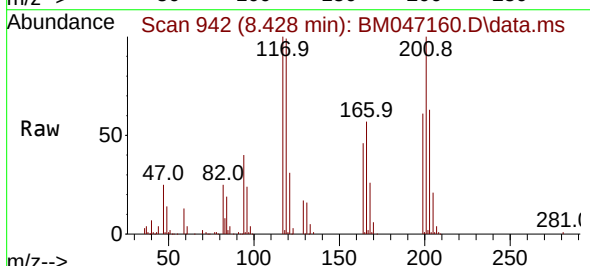
Manual Integrations
APPROVED

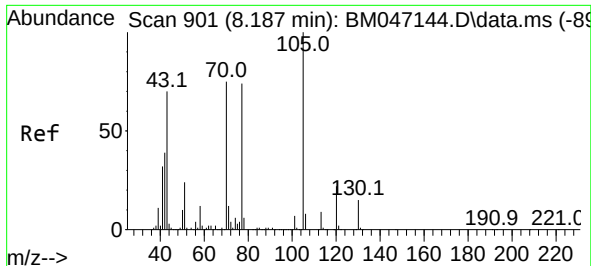
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 10.817 ng
RT: 8.428 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

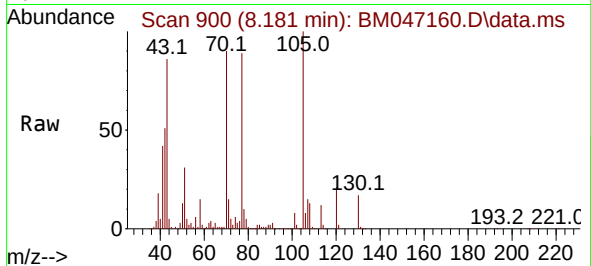
Tgt Ion:	117	Resp:	84146
Ion Ratio	Lower	Upper	
117	100		
119	98.9	77.0	115.4
201	99.8	81.3	121.9





#19
n-Nitroso-di-n-propylamine
Concen: 12.517 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

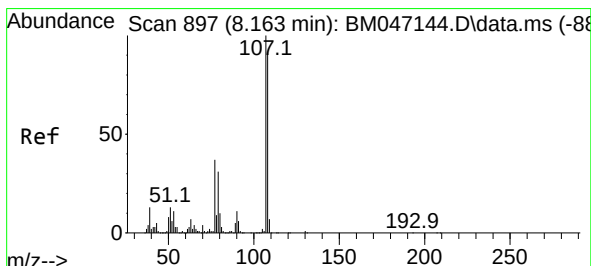
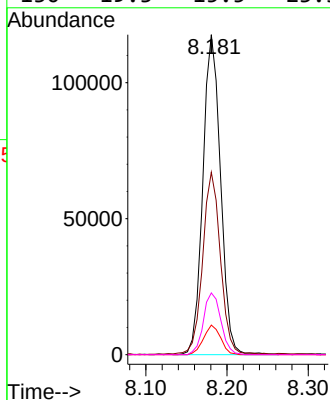
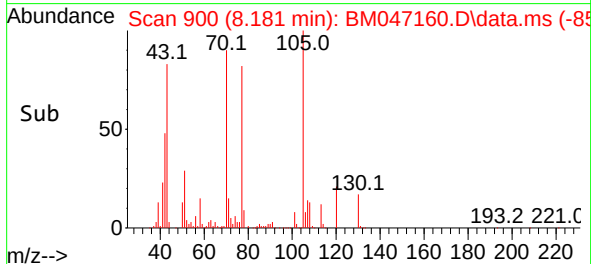
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 70 Resp: 17779
Ion Ratio Lower Upper
70 100
42 57.0 42.0 63.0
101 9.2 7.2 10.8
130 19.3 15.5 23.3

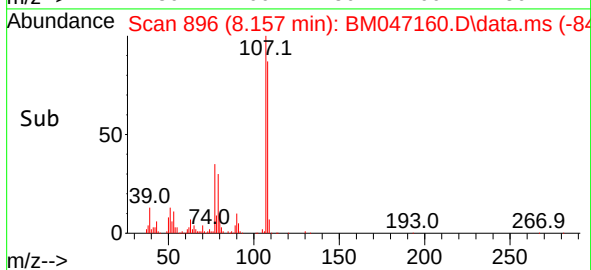
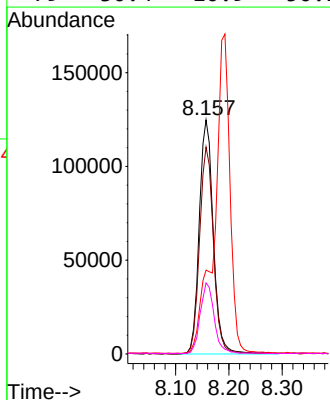
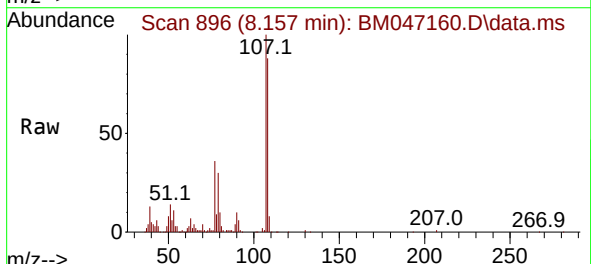
Manual Integrations
APPROVED

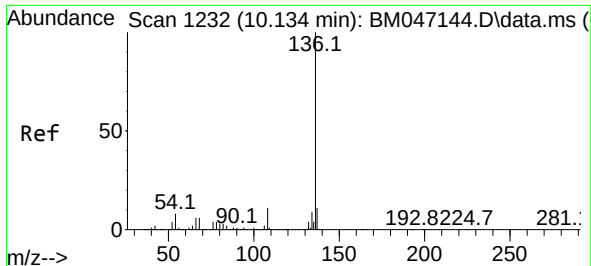
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#20
3+4-Methylphenols
Concen: 11.636 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

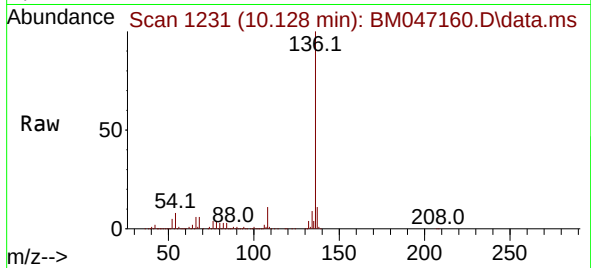
Tgt Ion:107 Resp: 228354
Ion Ratio Lower Upper
107 100
108 88.4 70.7 110.7
77 35.8 17.4 57.4
79 30.4 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

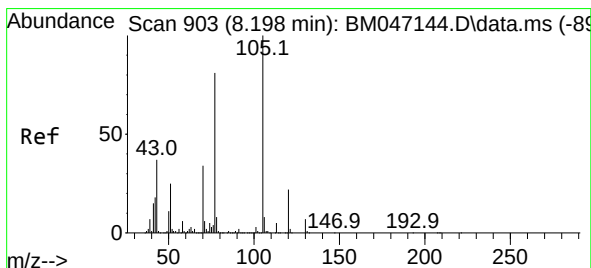
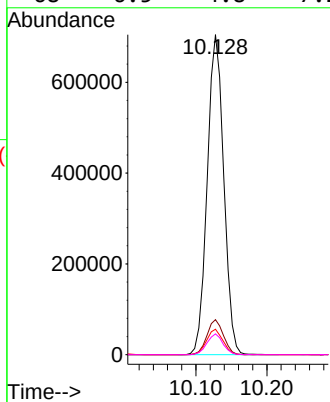
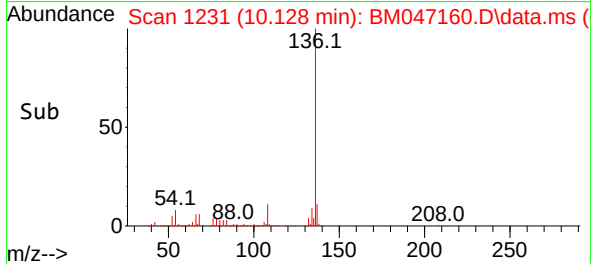
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:136 Resp: 1140100
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 6.0 9.0
68 6.5 4.8 7.2

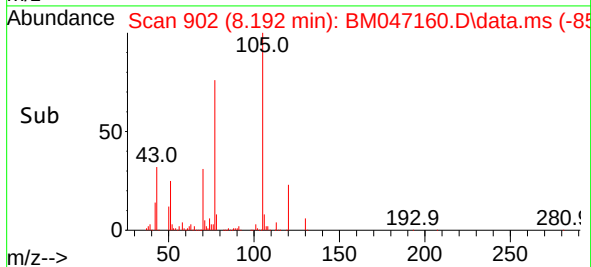
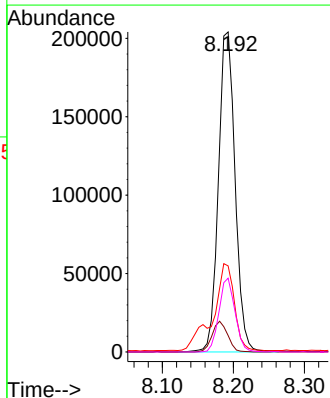
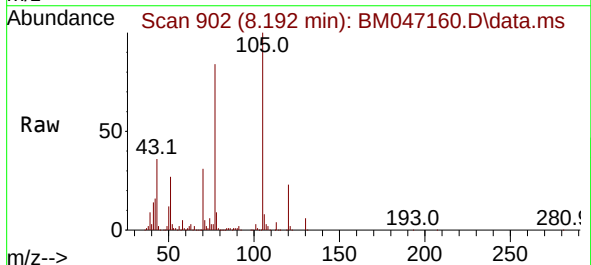
Manual Integrations
APPROVED

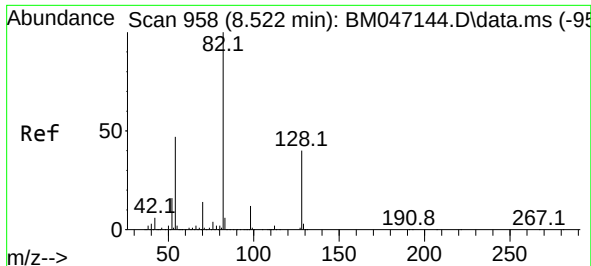
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 12.076 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

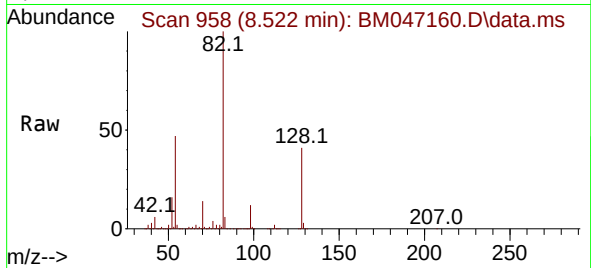
Tgt Ion:105 Resp: 332322
Ion Ratio Lower Upper
105 100
71 5.2 4.5 6.7
51 26.9 20.1 30.1
120 23.1 17.8 26.6





#23
Nitrobenzene-d5
Concen: 88.746 ng
RT: 8.522 min Scan# 958
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

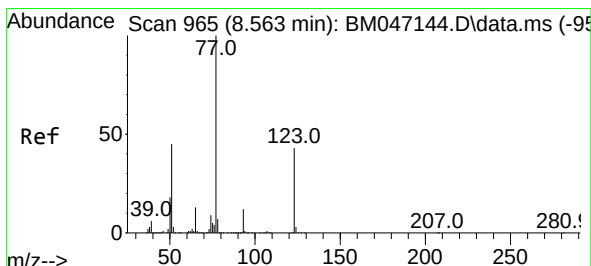
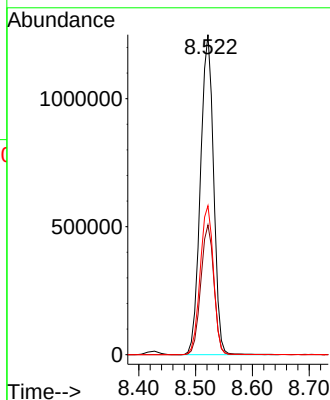
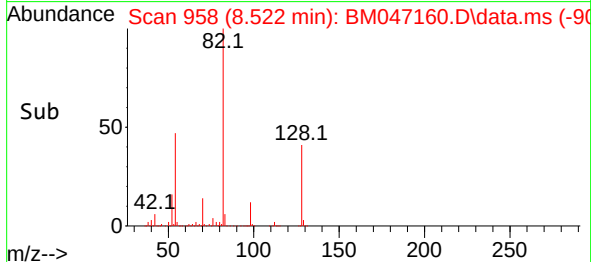
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



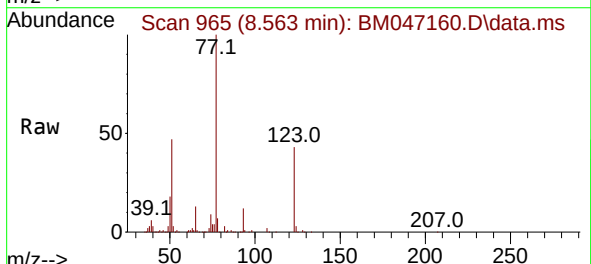
Tgt Ion: 82 Resp: 200938
Ion Ratio Lower Upper
82 100
128 40.5 32.3 48.5
54 46.5 37.4 56.2

Manual Integrations
APPROVED

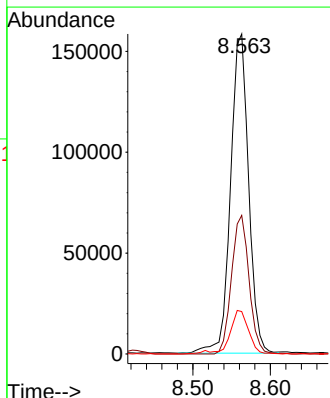
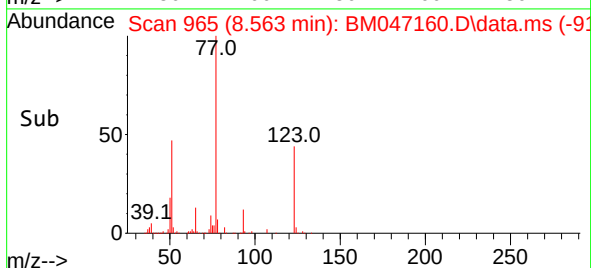
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

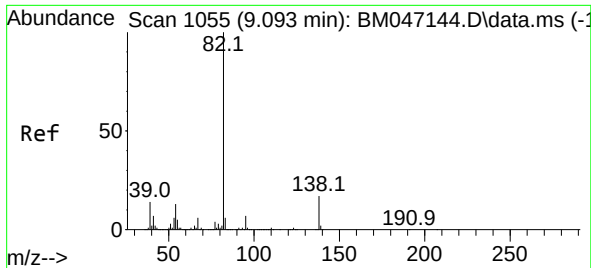


#24
Nitrobenzene
Concen: 11.284 ng
RT: 8.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



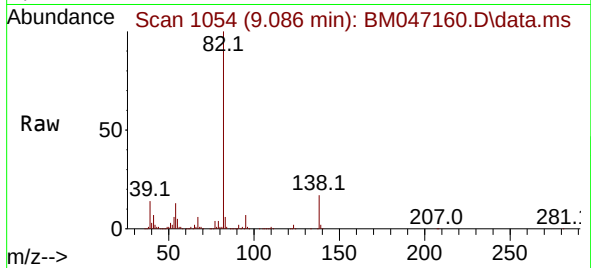
Tgt Ion: 77 Resp: 257266
Ion Ratio Lower Upper
77 100
123 43.3 34.0 51.0
65 13.2 10.5 15.7





#25
Isophorone
Concen: 12.048 ng
RT: 9.086 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

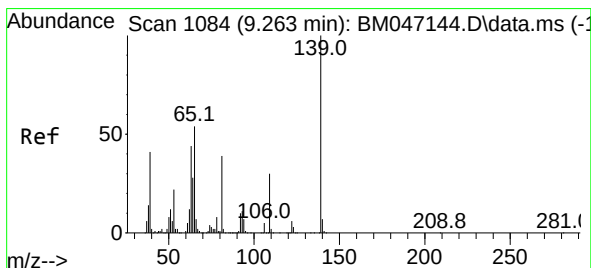
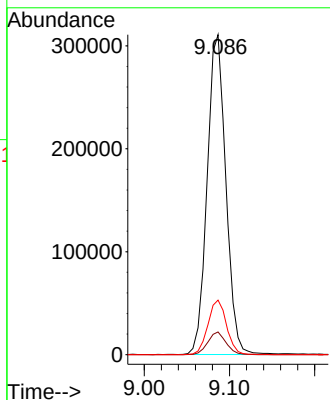
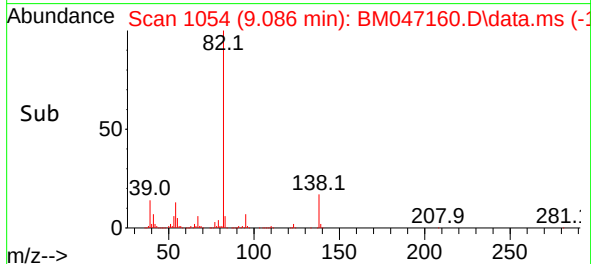
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 82 Resp: 47496
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.1 13.5 20.3

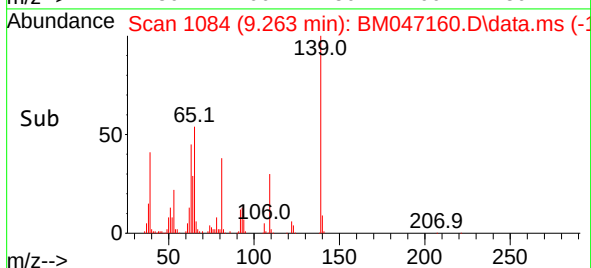
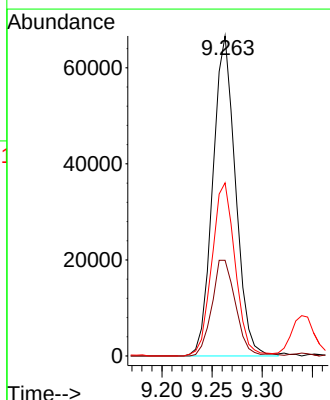
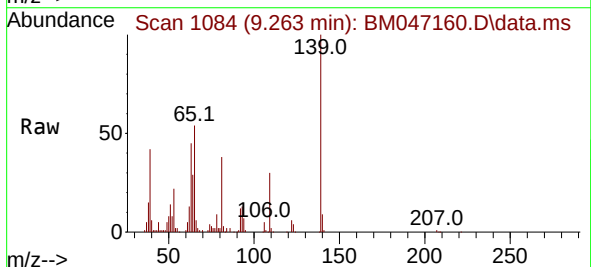
Manual Integrations
APPROVED

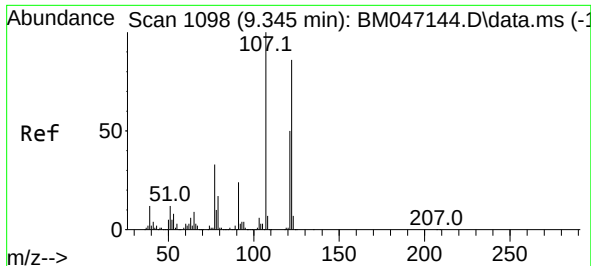
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 10.371 ng
RT: 9.263 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

Tgt Ion:139 Resp: 104714
Ion Ratio Lower Upper
139 100
109 29.9 24.4 36.6
65 54.1 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 9.938 ng

RT: 9.339 min Scan# 1097

Delta R.T. -0.006 min

Lab File: BM047160.D

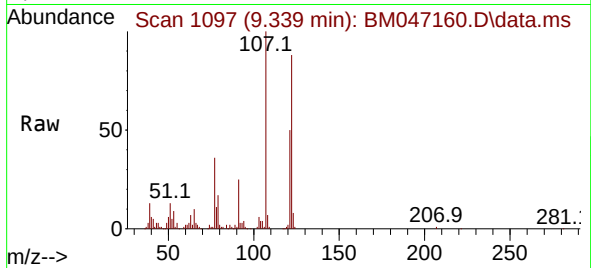
Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

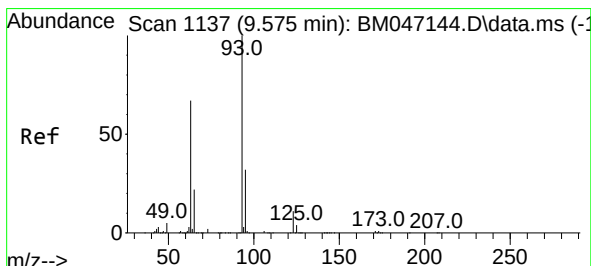
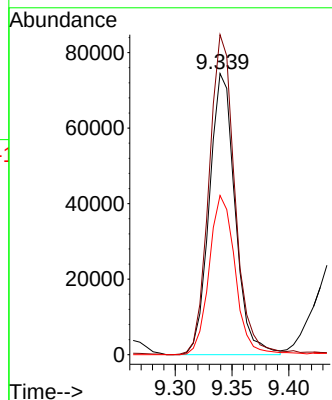
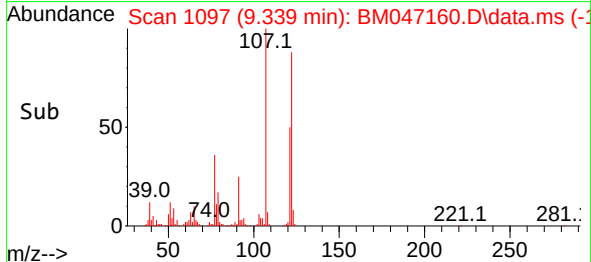


Tgt Ion:	122	Resp:	11753
Ion Ratio	Lower	Upper	
122	100		
107	113.9	92.8	139.2
121	56.6	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 11.782 ng

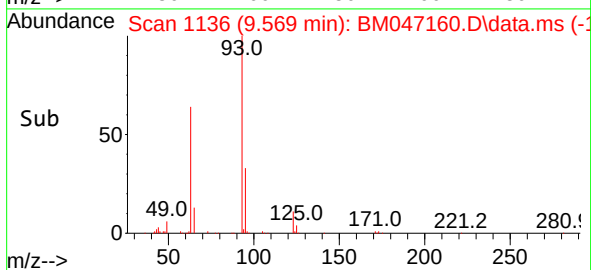
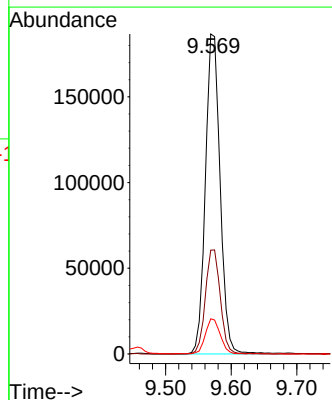
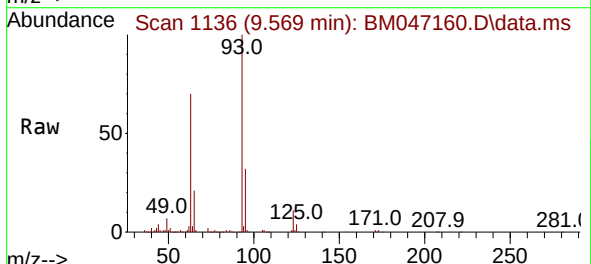
RT: 9.569 min Scan# 1136

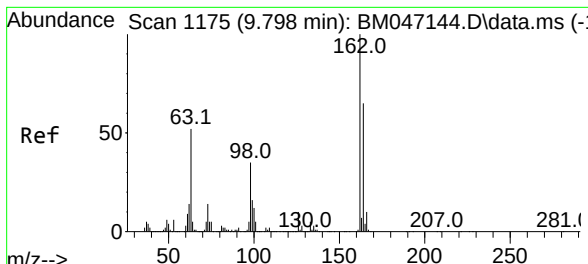
Delta R.T. -0.006 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

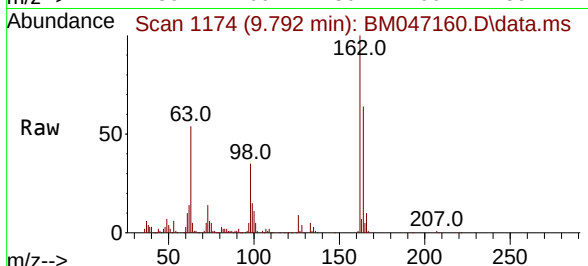
Tgt Ion:	93	Resp:	292272
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.8
123	11.0	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 11.169 ng
 RT: 9.792 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047160.D
 Acq: 12 Aug 2024 18:11

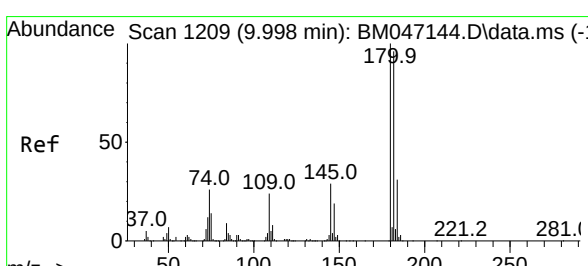
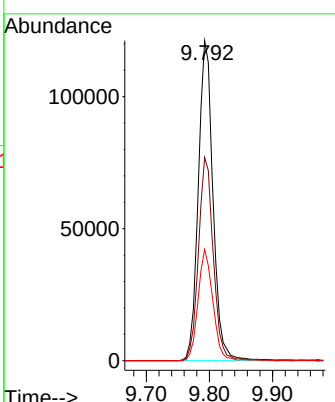
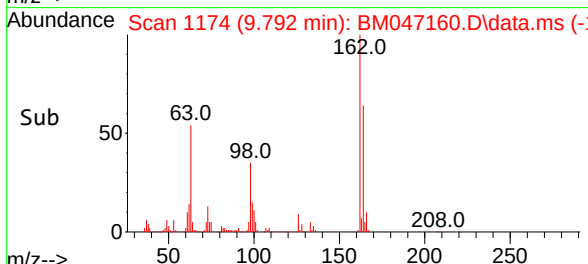
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



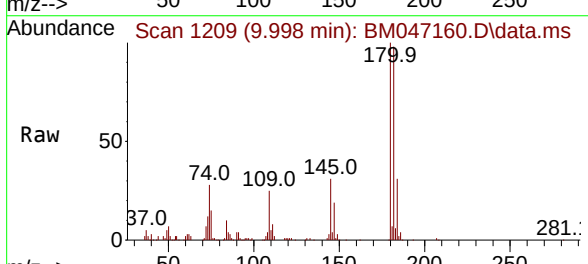
Tgt Ion:162 Resp: 196015

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.7	84.7
98	34.8	14.9	54.9

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 Supervised By :mohammad ahmed 08/14/2024

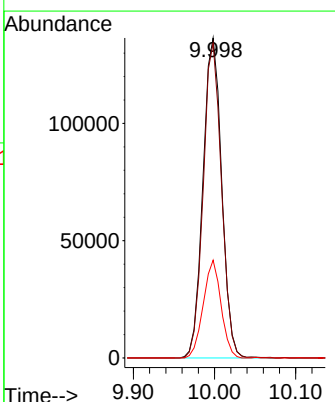
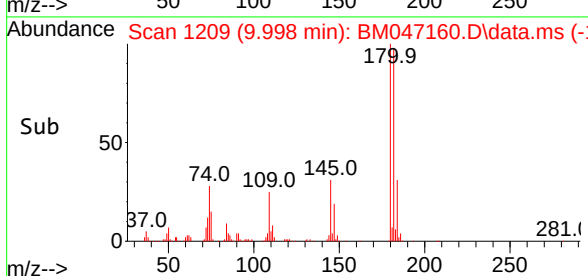


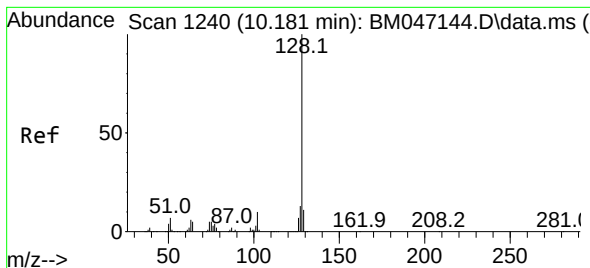
#30
 1,2,4-Trichlorobenzene
 Concen: 10.970 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BM047160.D
 Acq: 12 Aug 2024 18:11



Tgt Ion:180 Resp: 217857

Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.6	115.0
145	30.5	23.4	35.2





#31

Naphthalene

Concen: 11.372 ng

RT: 10.175 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

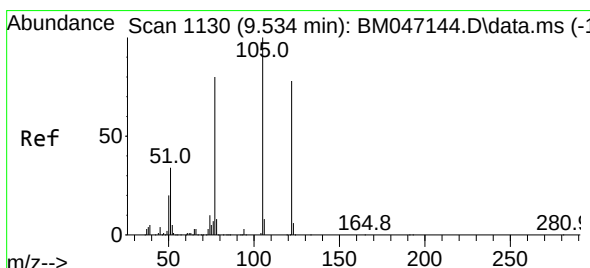
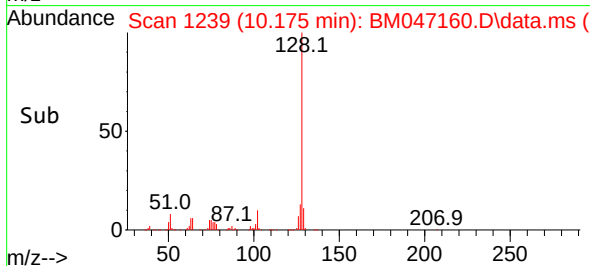
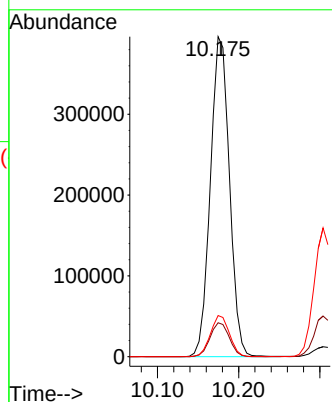
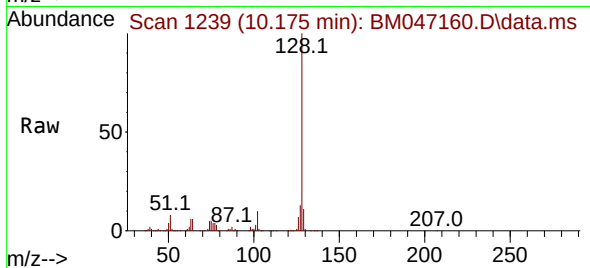
Tgt Ion:128 Resp: 64587

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.8	10.2	15.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#32

Benzoic acid

Concen: 9.050 ng m

RT: 9.457 min Scan# 1117

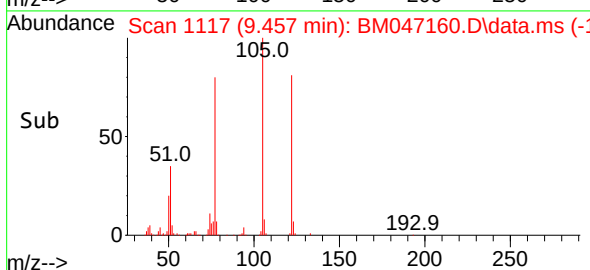
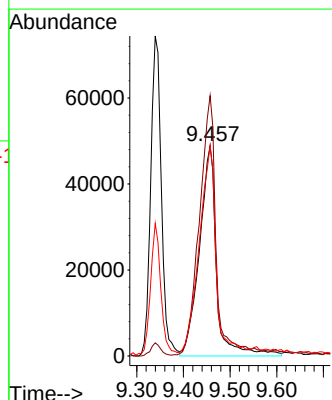
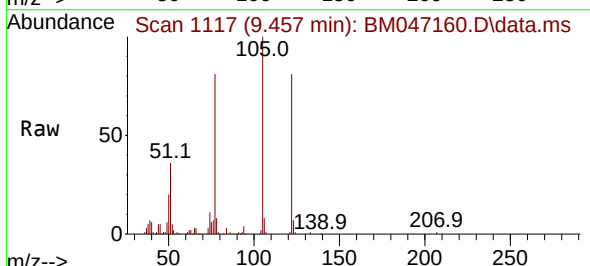
Delta R.T. -0.077 min

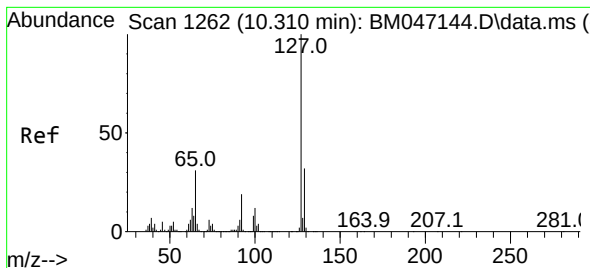
Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Tgt Ion:122 Resp: 124356

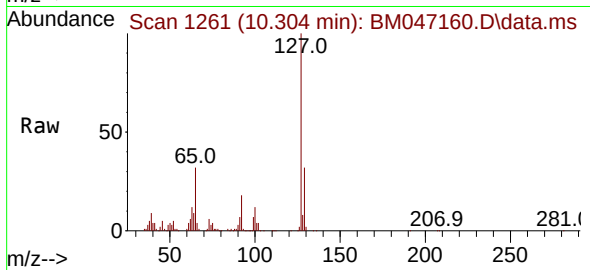
Ion	Ratio	Lower	Upper
122	100		
105	124.0	107.1	147.1
77	100.2	82.1	122.1





#33
4-Chloroaniline
Concen: 12.320 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

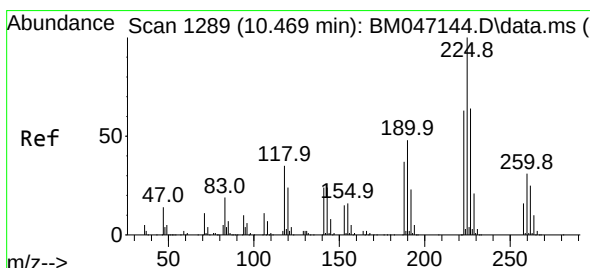
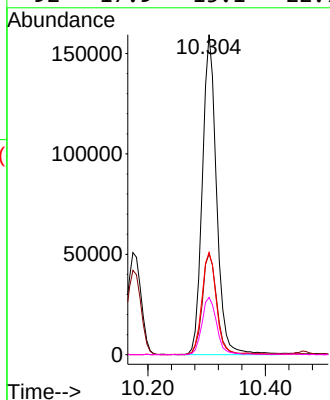
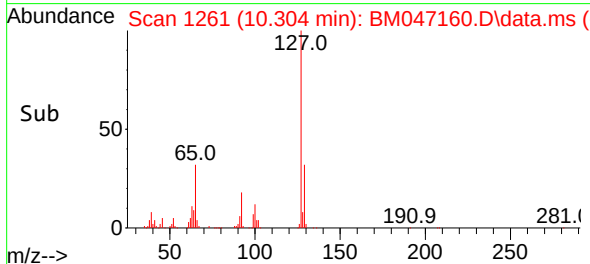
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:	127	Resp:	26907
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.8	38.8
65	31.9	24.9	37.3
92	17.9	15.1	22.7

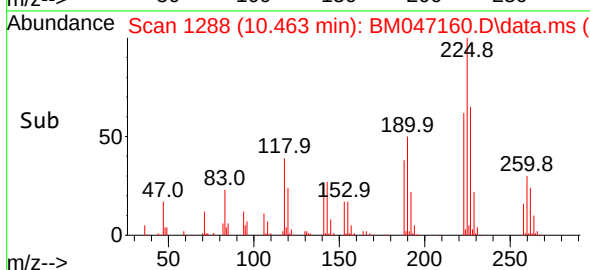
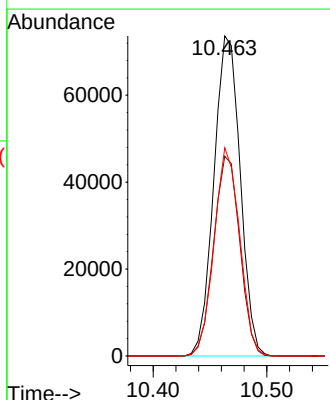
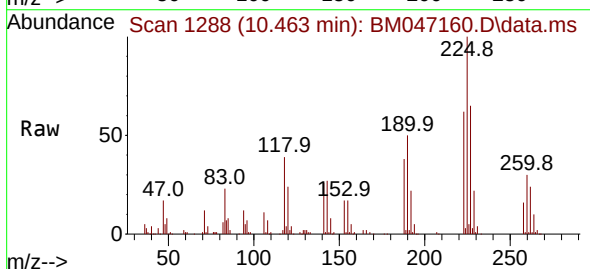
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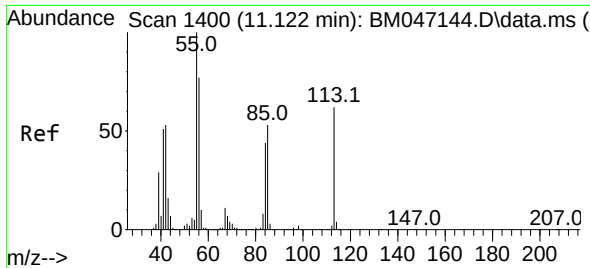
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 10.218 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

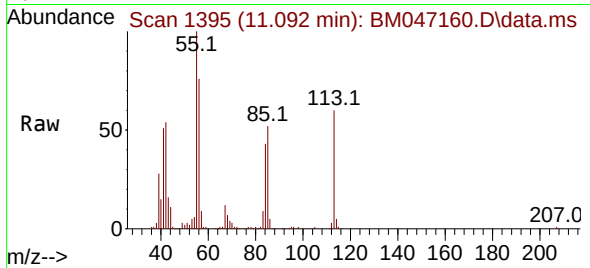
Tgt Ion:	225	Resp:	118782
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.2	75.2
227	65.1	51.4	77.0





#35
 Caprolactam
 Concen: 11.295 ng
 RT: 11.092 min Scan# 113
 Delta R.T. -0.030 min
 Lab File: BM047160.D
 Acq: 12 Aug 2024 18:11

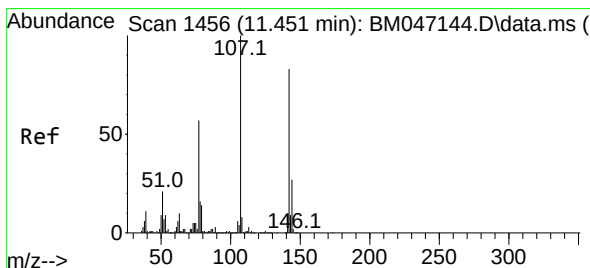
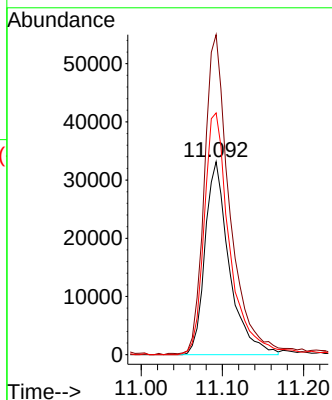
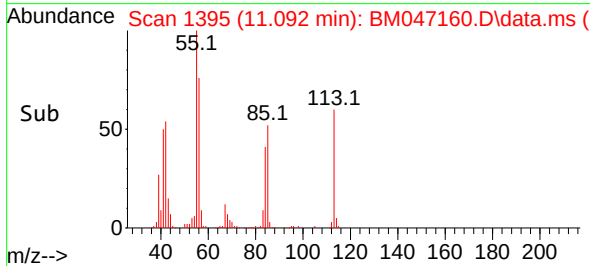
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



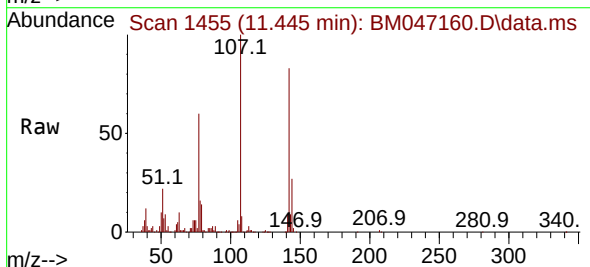
Tgt Ion:113 Resp: 68840
 Ion Ratio Lower Upper
 113 100
 55 165.9 140.5 180.5
 56 125.3 103.6 143.6

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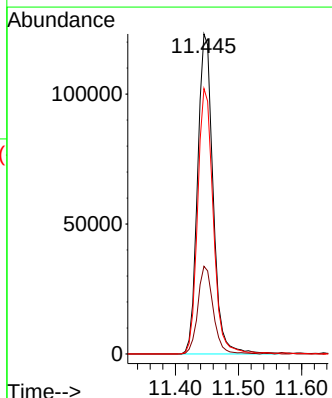
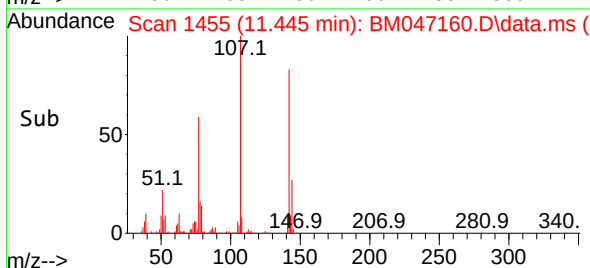
Reviewed By :Jagrut Upadhyay 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

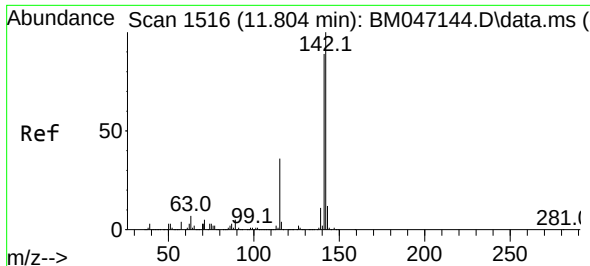


#36
 4-Chloro-3-methylphenol
 Concen: 11.219 ng
 RT: 11.445 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM047160.D
 Acq: 12 Aug 2024 18:11



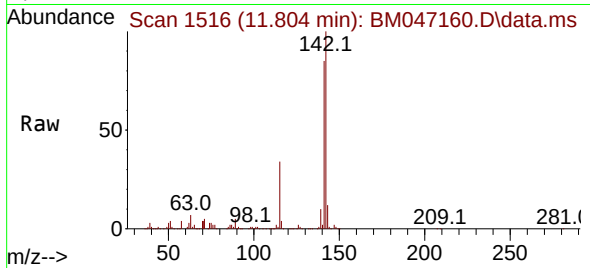
Tgt Ion:107 Resp: 209674
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.8 32.6
 142 83.0 66.8 100.2





#37
2-Methylnaphthalene
Concen: 11.355 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

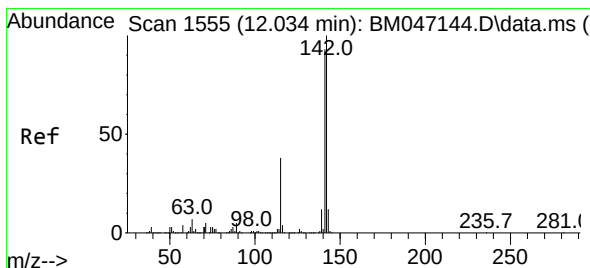
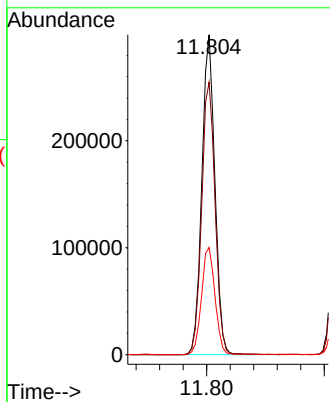
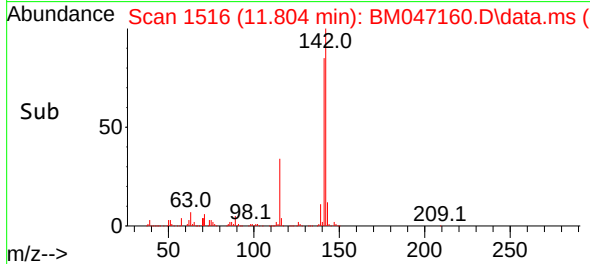
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:142 Resp: 459198
Ion Ratio Lower Upper
142 100
141 85.2 70.9 106.3
115 33.5 28.7 43.1

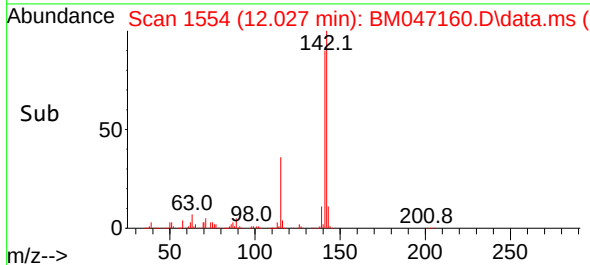
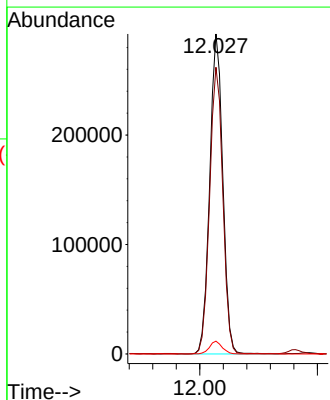
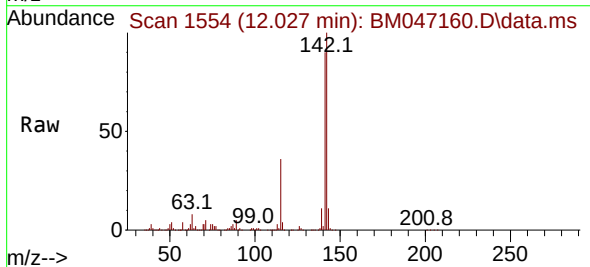
Manual Integrations
APPROVED

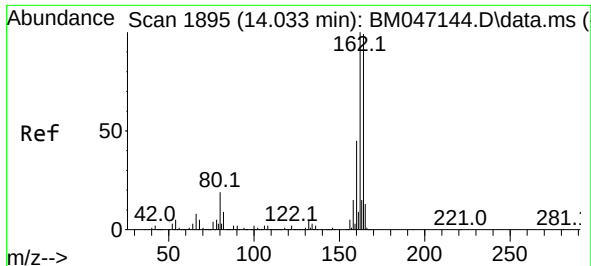
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#38
1-Methylnaphthalene
Concen: 11.302 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

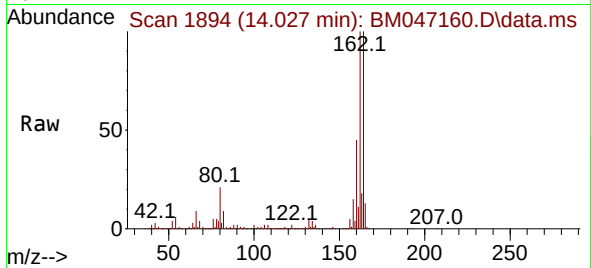
Tgt Ion:142 Resp: 451678
Ion Ratio Lower Upper
142 100
141 89.6 74.6 111.8
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

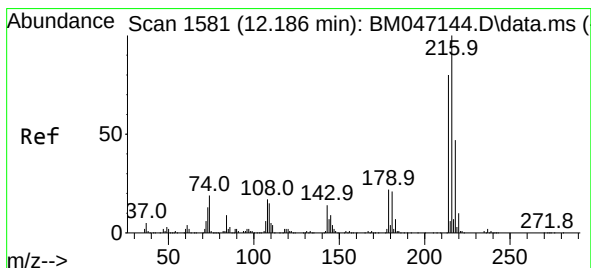
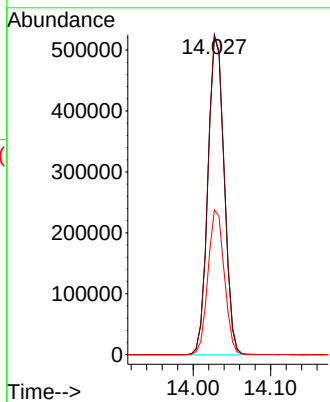
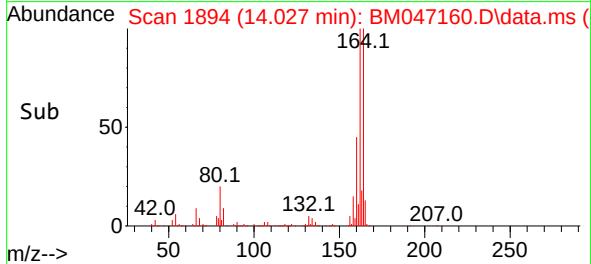
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:164 Resp: 760230
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 45.4 36.0 54.0

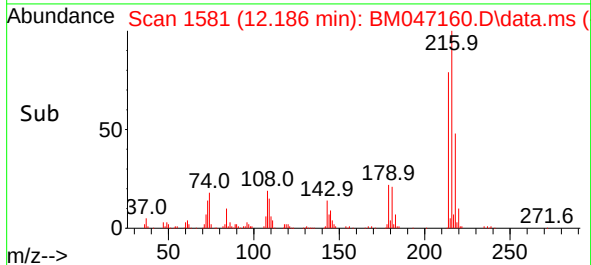
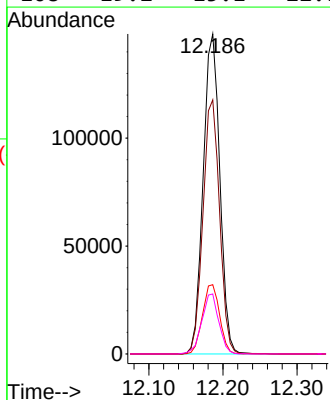
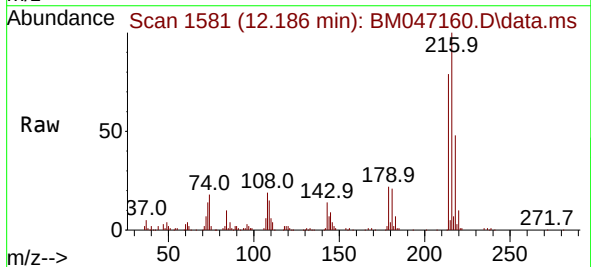
Manual Integrations
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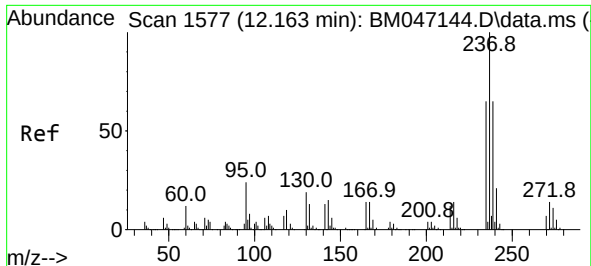
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.171 ng
RT: 12.186 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

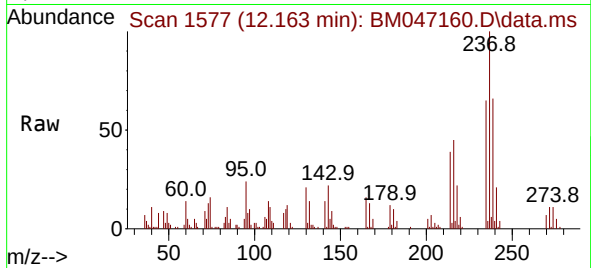
Tgt Ion:216 Resp: 231638
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 22.3 17.6 26.4
108 19.2 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 5.966 ng
RT: 12.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

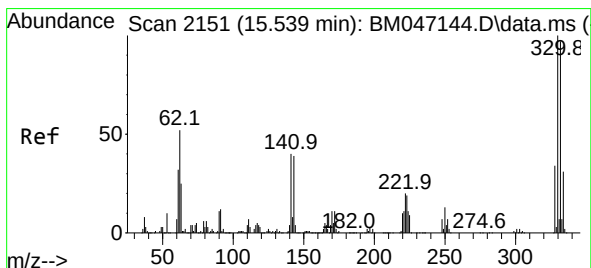
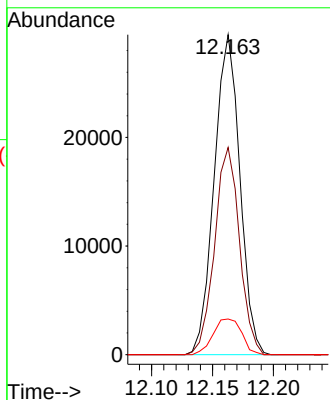
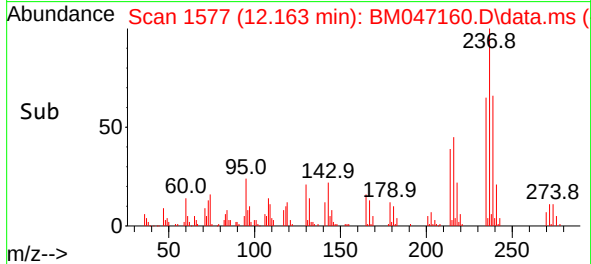
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



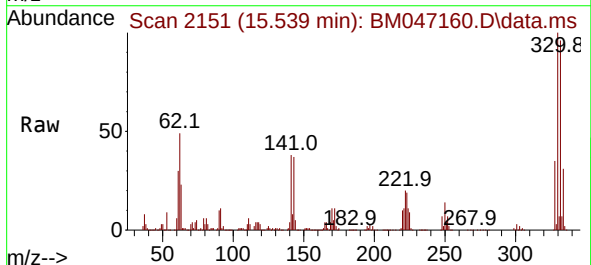
Tgt Ion:237 Resp: 4319
Ion Ratio Lower Upper
237 100
235 64.7 44.8 84.8
272 11.1 0.0 33.5

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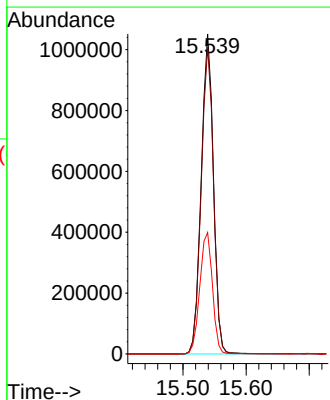
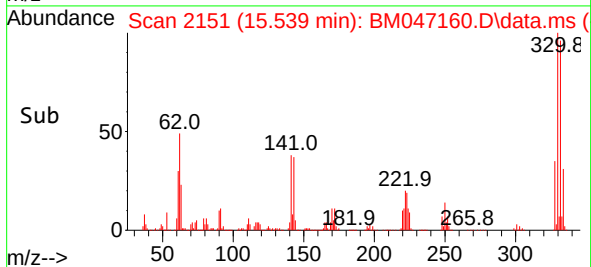
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

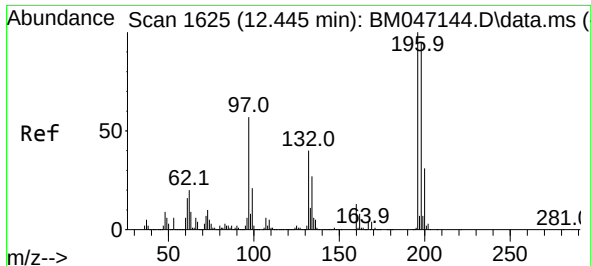


#42
2,4,6-Tribromophenol
Concen: 160.300 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



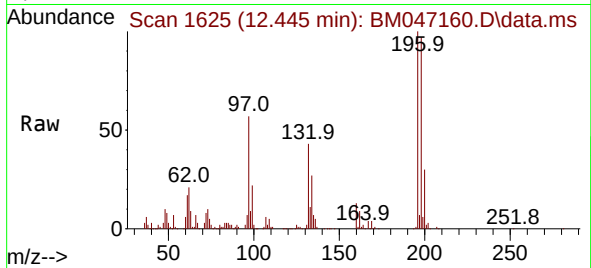
Tgt Ion:330 Resp: 1413054
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 39.3 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 10.887 ng
RT: 12.445 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

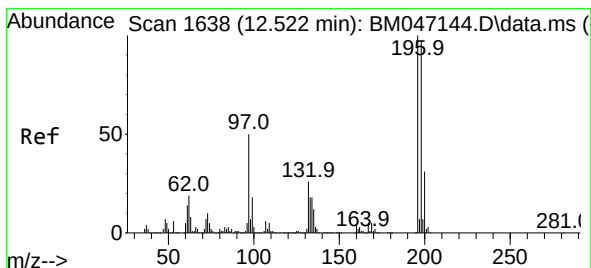
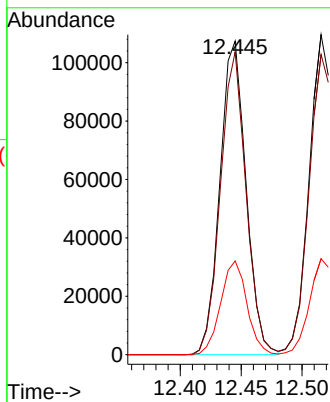
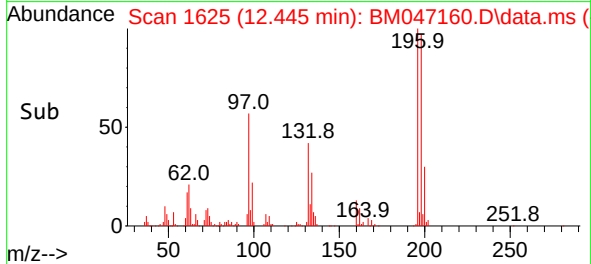
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



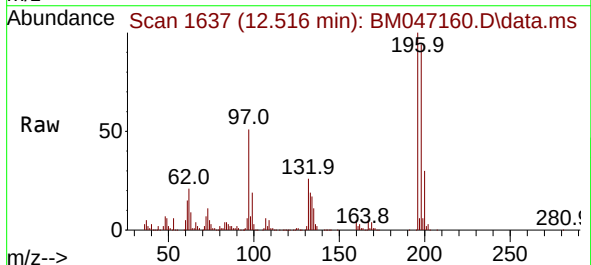
Tgt Ion:196 Resp: 16045
Ion Ratio Lower Upper
196 100
198 96.5 75.6 113.4
200 29.9 24.6 37.0

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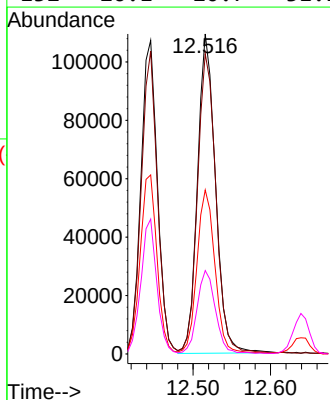
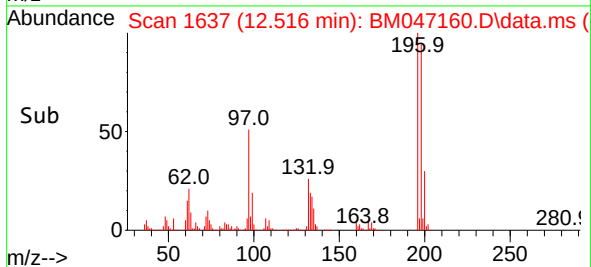
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

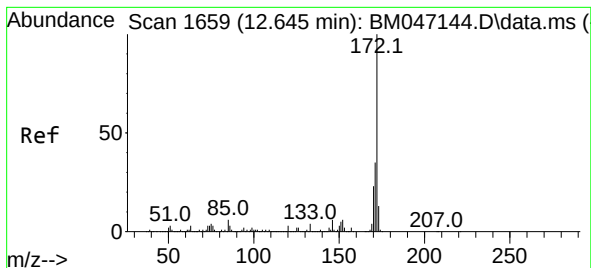


#44
2,4,5-Trichlorophenol
Concen: 10.772 ng
RT: 12.516 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



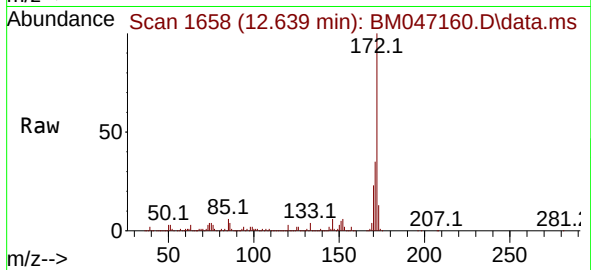
Tgt Ion:196 Resp: 176269
Ion Ratio Lower Upper
196 100
198 93.8 77.7 116.5
97 51.3 39.8 59.8
132 26.1 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 88.472 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

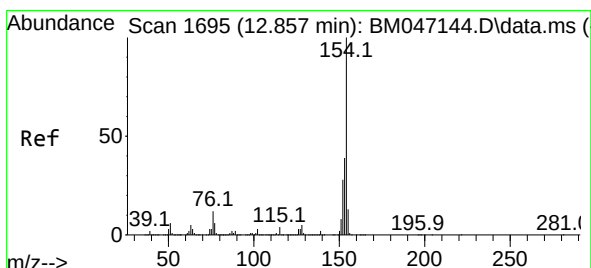
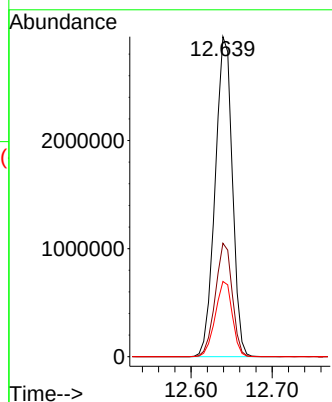
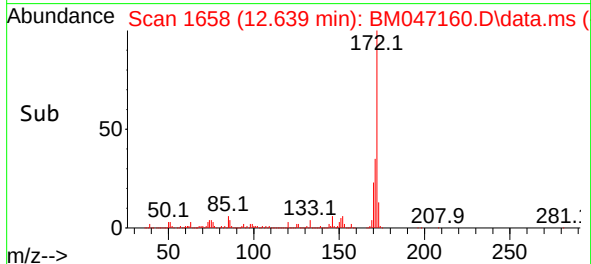
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



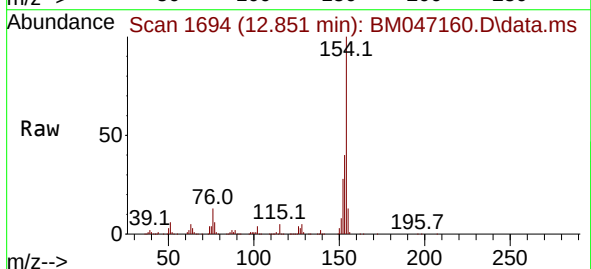
Tgt Ion:172 Resp: 4360329
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.5 18.7 28.1

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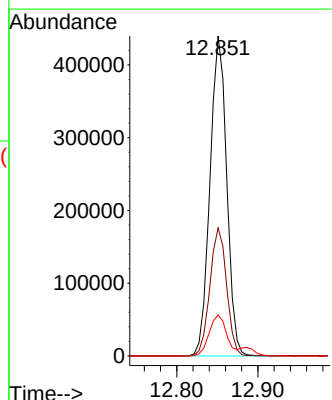
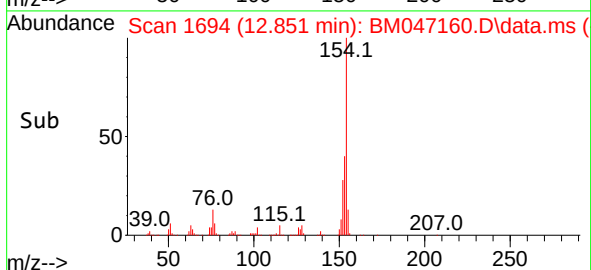
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

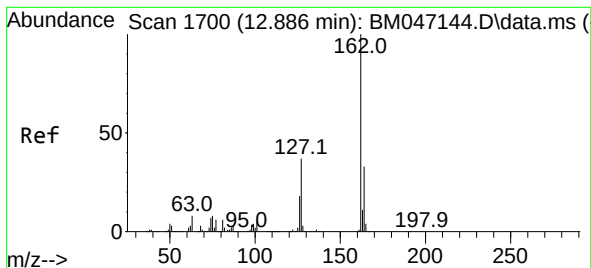


#46
1,1'-Biphenyl
Concen: 11.623 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



Tgt Ion:154 Resp: 629067
Ion Ratio Lower Upper
154 100
153 40.0 19.0 59.0
76 12.8 0.0 31.9





#47

2-Chloronaphthalene

Concen: 11.776 ng

RT: 12.886 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

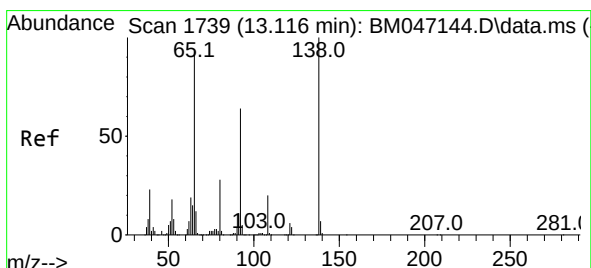
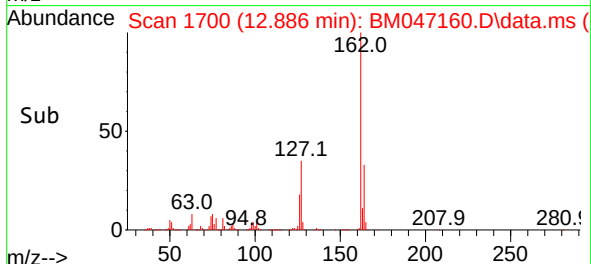
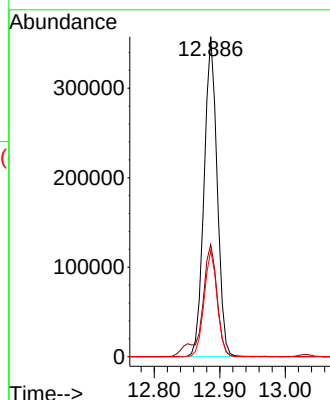
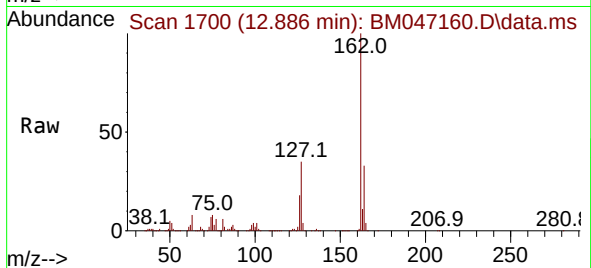
LOQ-WATER-02-QT3-2024

Tgt Ion:162 Resp: 498158
 Ion Ratio Lower Upper
 162 100
 127 35.1 30.0 45.0
 164 33.1 26.3 39.5

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Reviewed By :Jagrut Upadhyay 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#48

2-Nitroaniline

Concen: 11.374 ng

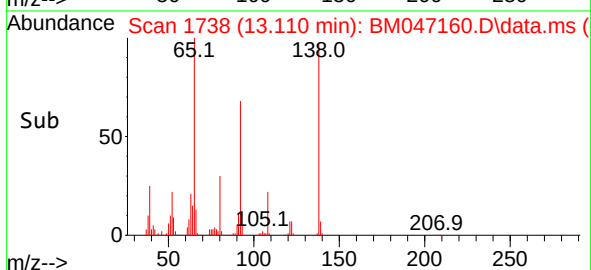
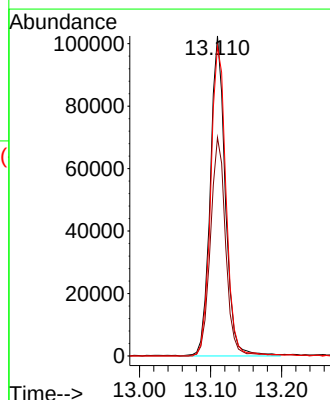
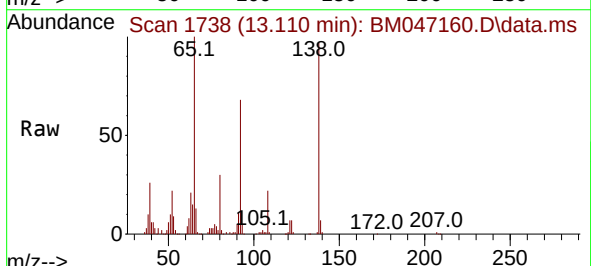
RT: 13.110 min Scan# 1738

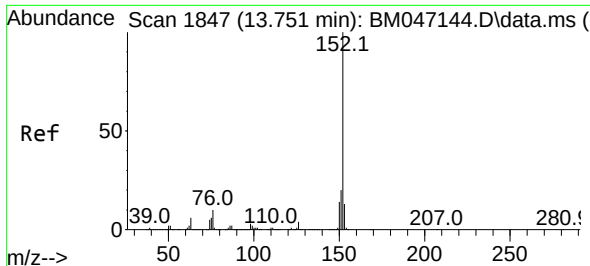
Delta R.T. -0.006 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

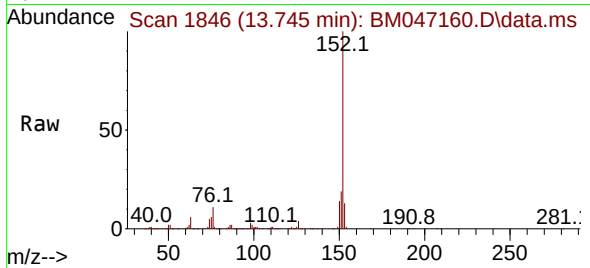
Tgt Ion: 65 Resp: 150735
 Ion Ratio Lower Upper
 65 100
 92 68.2 55.1 82.7
 138 96.8 85.9 128.9





#49
Acenaphthylene
Concen: 12.959 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

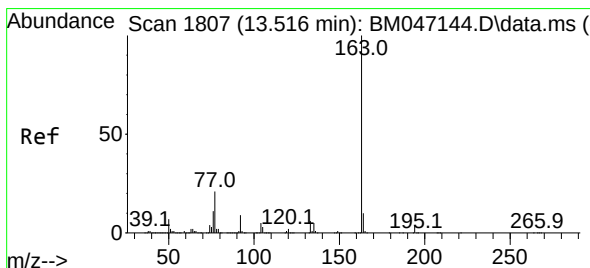
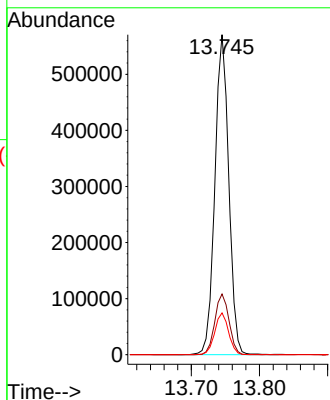
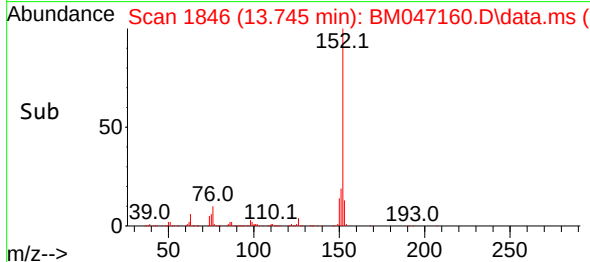
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:152 Resp: 808038
Ion Ratio Lower Upper
152 100
151 19.0 15.8 23.6
153 13.0 10.4 15.6

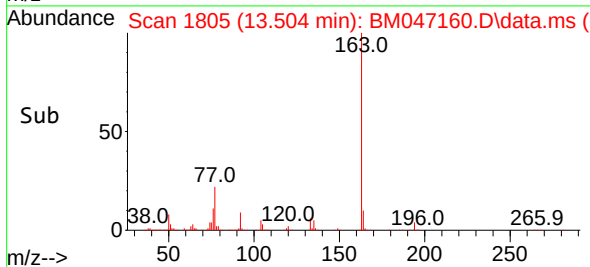
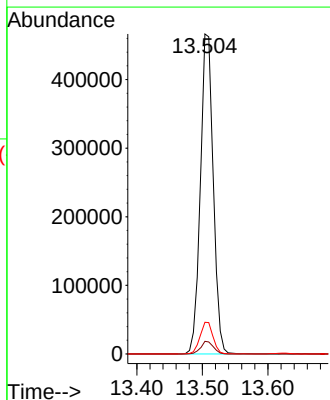
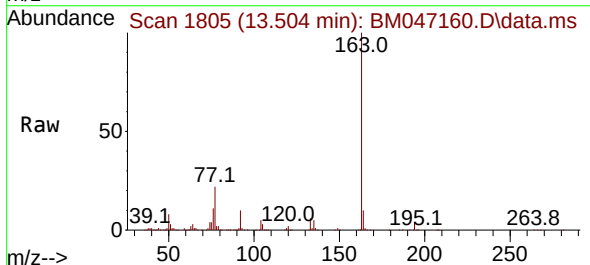
Manual Integrations
APPROVED

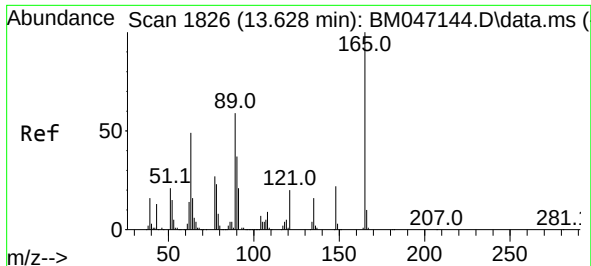
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#50
Dimethylphthalate
Concen: 12.027 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

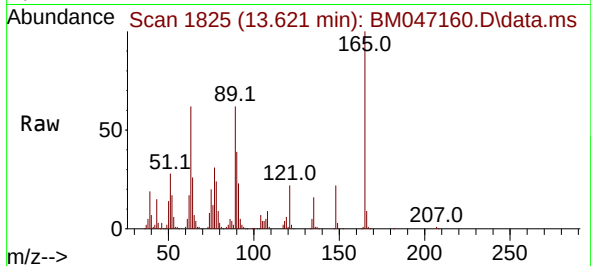
Tgt Ion:163 Resp: 638570
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 11.187 ng
RT: 13.621 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

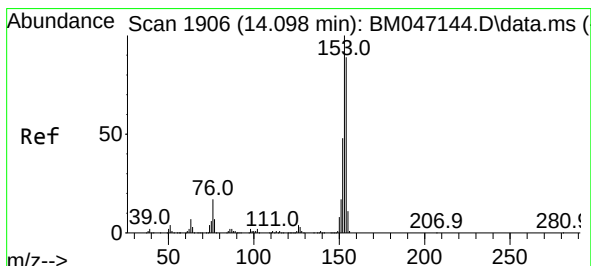
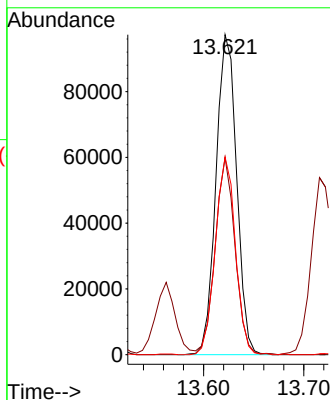
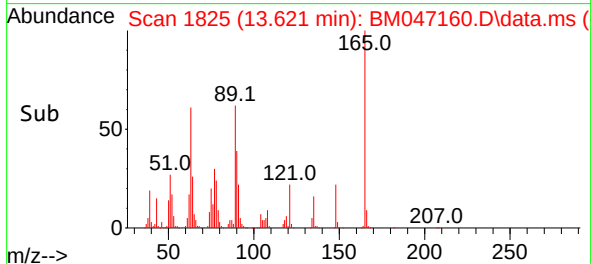
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:165 Resp: 138854
Ion Ratio Lower Upper
165 100
63 61.6 46.5 69.7
89 61.8 47.3 70.9

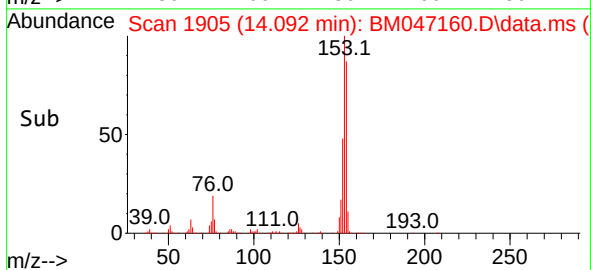
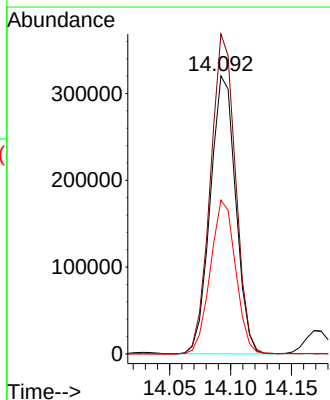
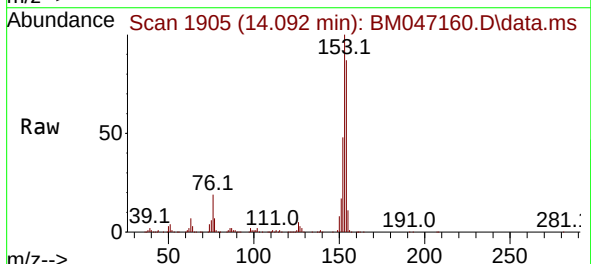
Manual Integrations
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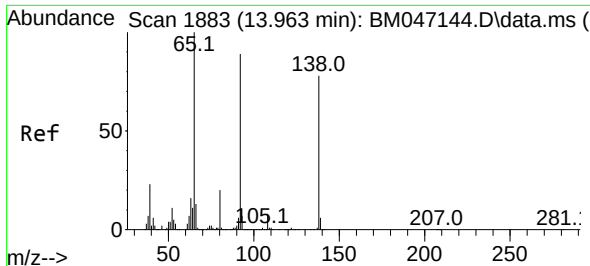
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 11.737 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

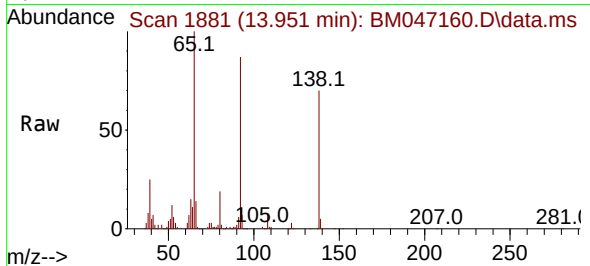
Tgt Ion:154 Resp: 464251
Ion Ratio Lower Upper
154 100
153 115.1 90.3 135.5
152 55.4 42.9 64.3





#53
3-Nitroaniline
Concen: 11.444 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

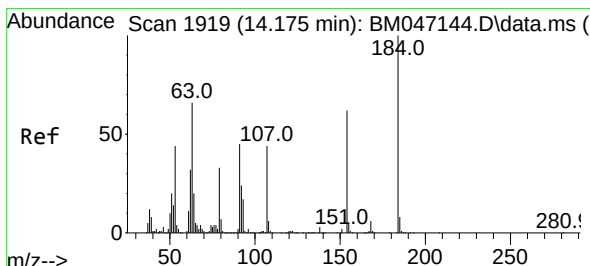
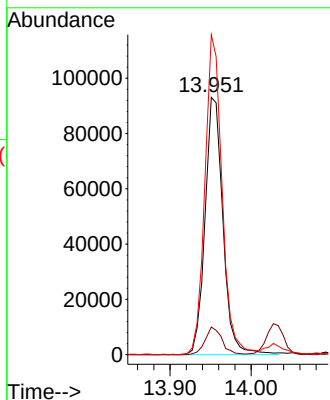
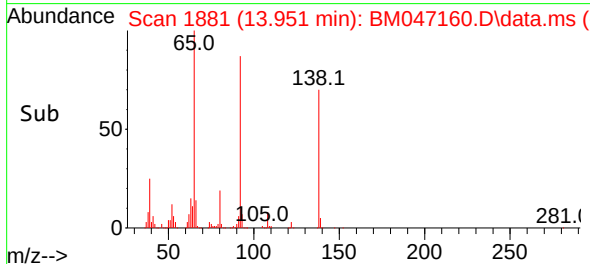
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:138 Resp: 14233
Ion Ratio Lower Upper
138 100
108 10.7 7.9 11.9
92 124.4 92.0 138.0

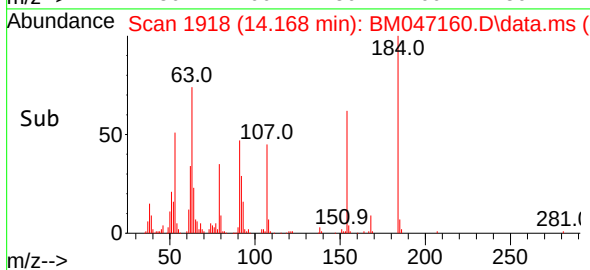
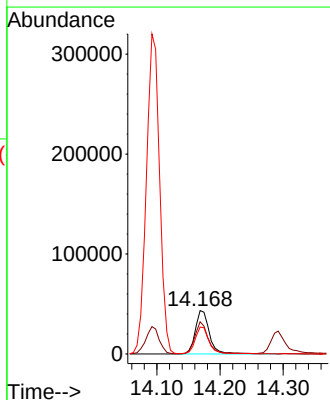
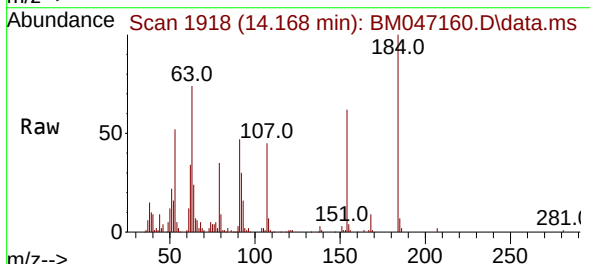
Manual Integrations
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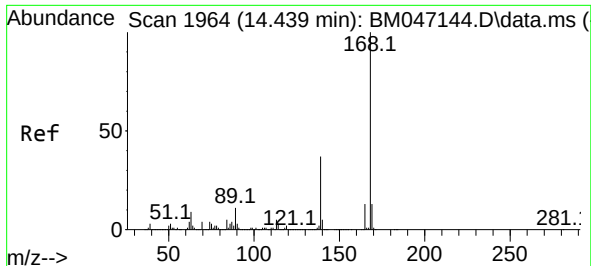
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 9.020 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

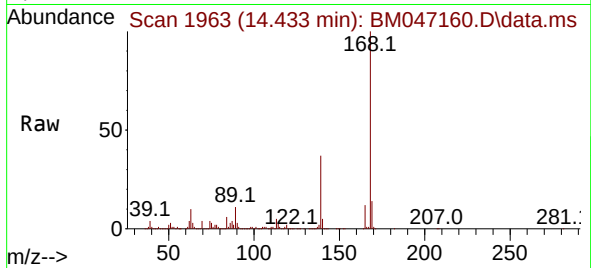
Tgt Ion:184 Resp: 67097
Ion Ratio Lower Upper
184 100
63 74.1 52.7 79.1
154 61.8 50.4 75.6





#55
Dibenzenofuran
Concen: 12.402 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

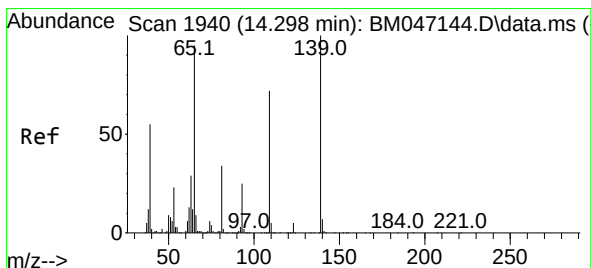
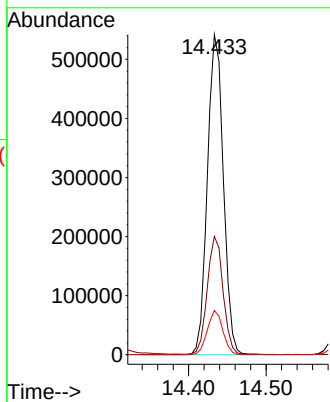
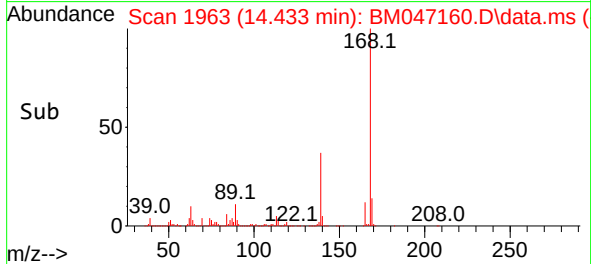
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:168 Resp: 774865
Ion Ratio Lower Upper
168 100
139 37.0 29.6 44.4
169 13.8 10.7 16.1

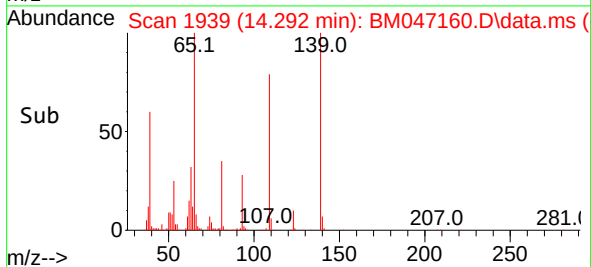
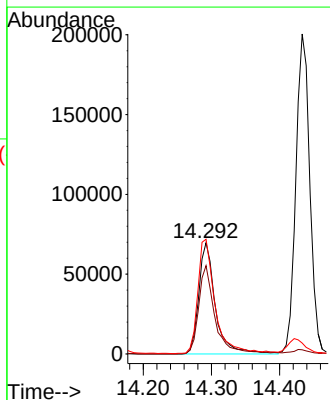
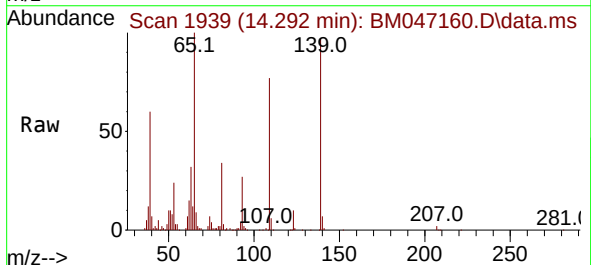
Manual Integrations
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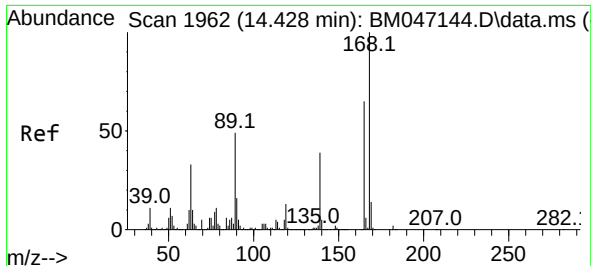
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 11.018 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

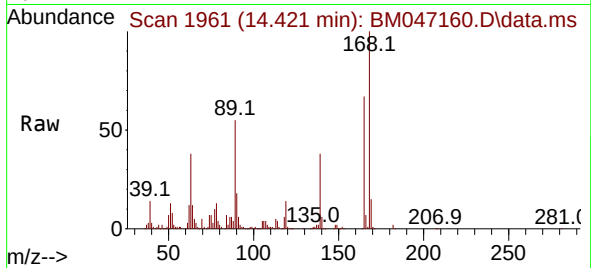
Tgt Ion:139 Resp: 118165
Ion Ratio Lower Upper
139 100
109 79.4 52.5 92.5
65 103.1 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 11.059 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

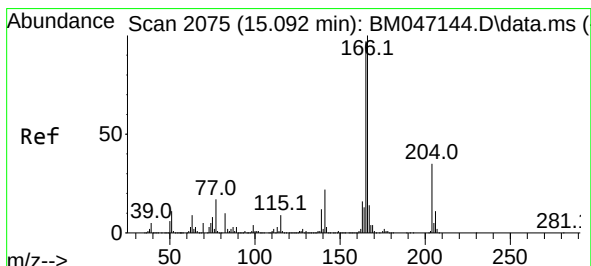
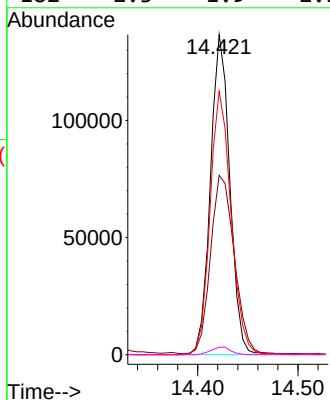
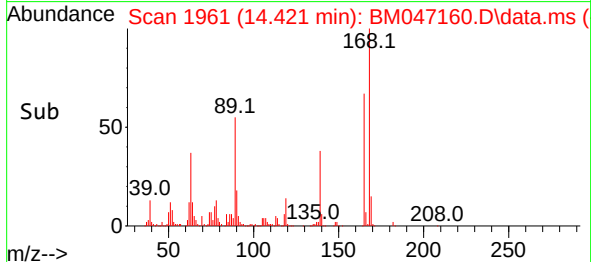
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



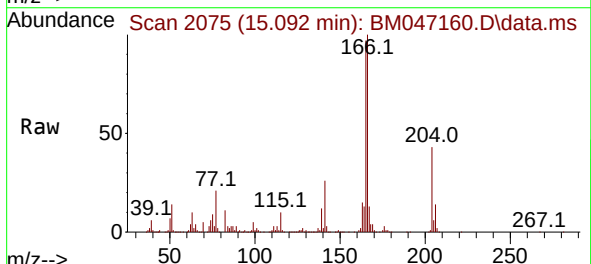
Tgt Ion:165 Resp: 183210
Ion Ratio Lower Upper
165 100
63 56.0 40.3 60.5
89 82.3 61.0 91.6
182 2.3 1.9 2.9

Manual Integrations
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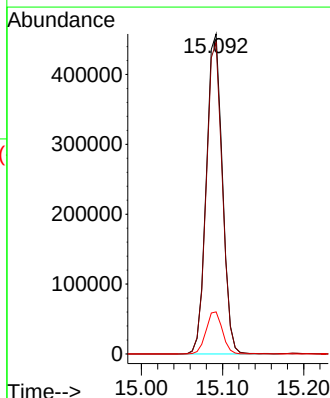
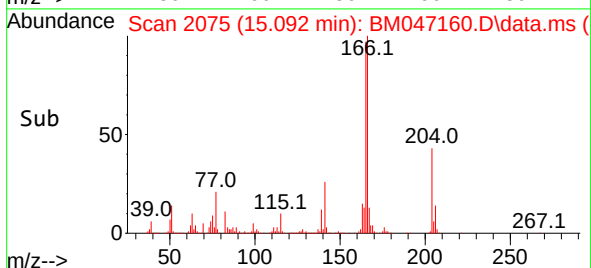
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

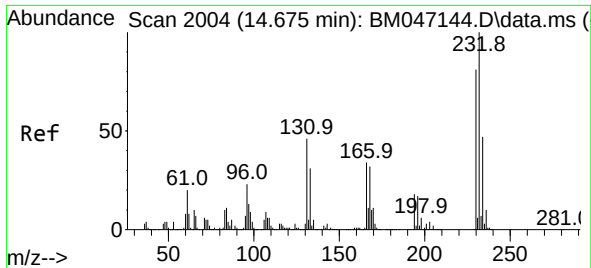


#58
Fluorene
Concen: 12.174 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



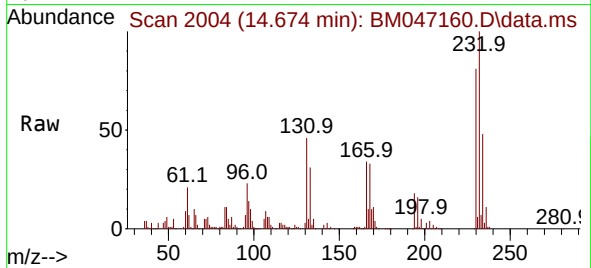
Tgt Ion:166 Resp: 627590
Ion Ratio Lower Upper
166 100
165 97.3 77.4 116.0
167 13.1 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 11.582 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

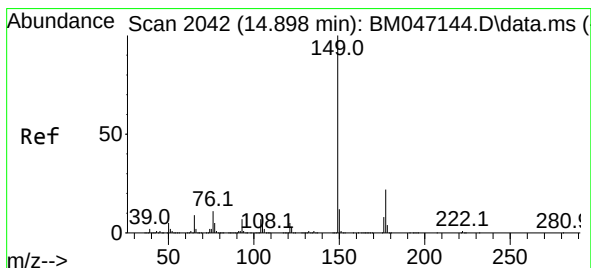
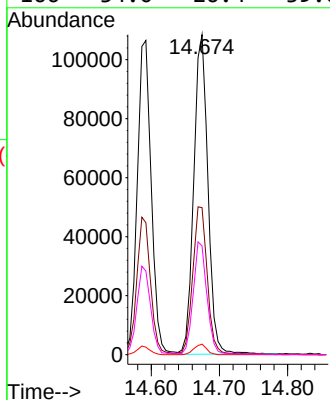
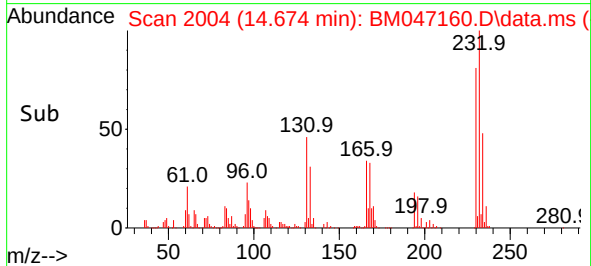
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:232 Resp: 155764
Ion Ratio Lower Upper
232 100
131 47.1 36.9 55.3
130 3.0 2.0 3.0
166 34.0 26.4 39.6

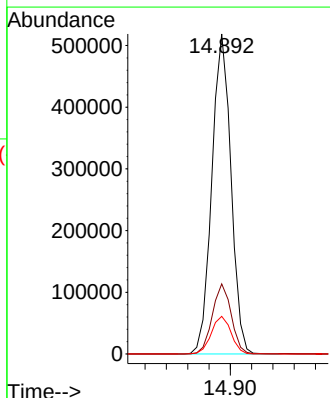
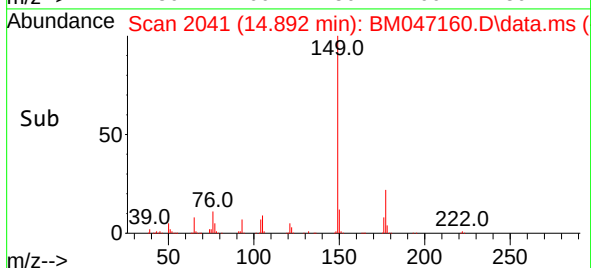
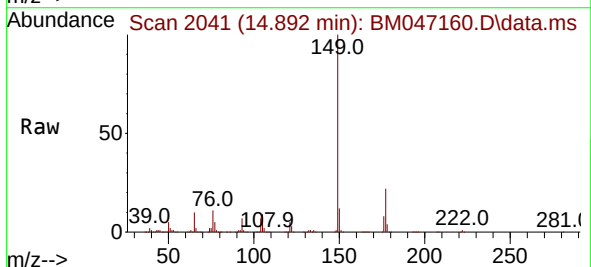
Manual Integrations
APPROVED

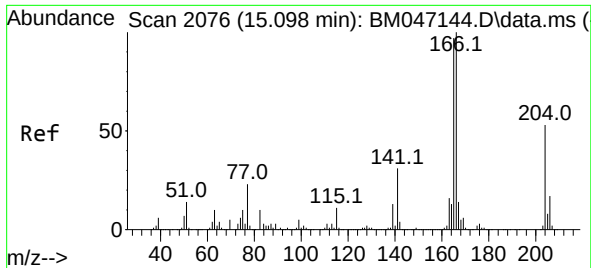
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 11.883 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

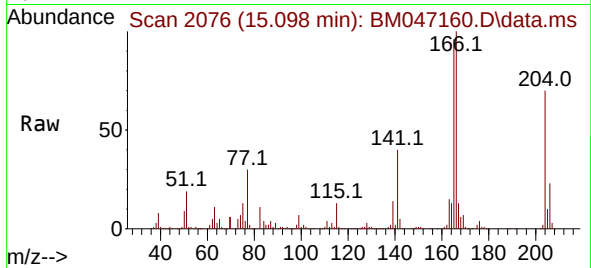
Tgt Ion:149 Resp: 644282
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 11.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 11.935 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

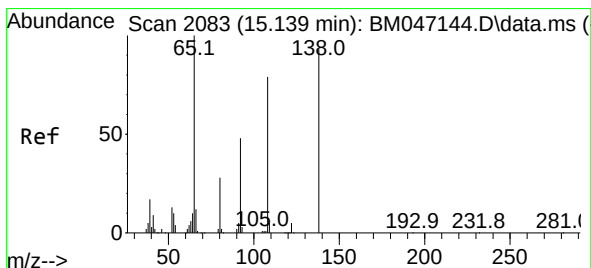
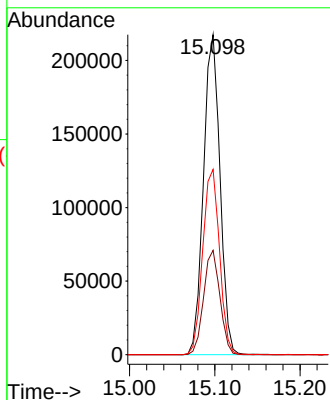
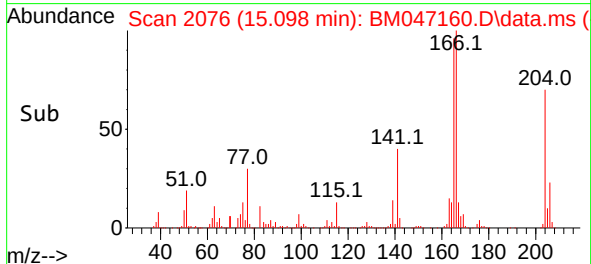
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



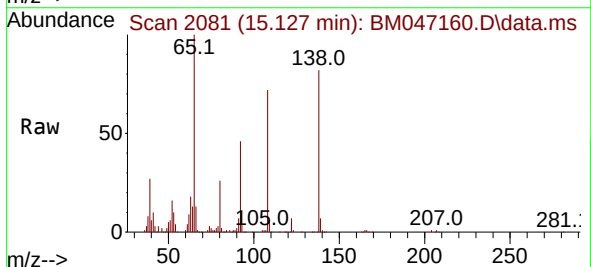
Tgt Ion:204 Resp: 292902
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 57.9 47.2 70.8

Manual Integrations
APPROVED

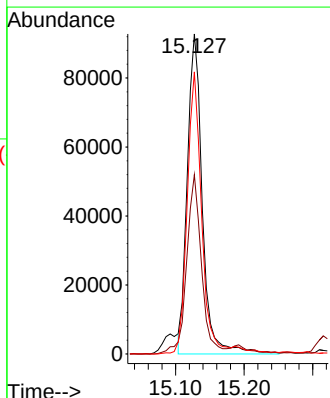
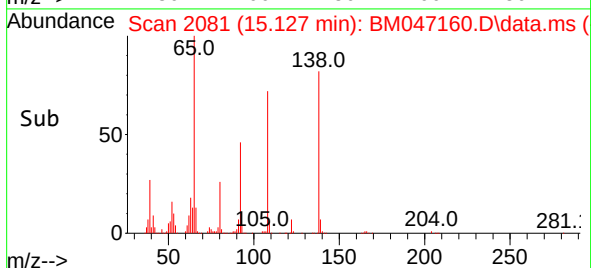
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

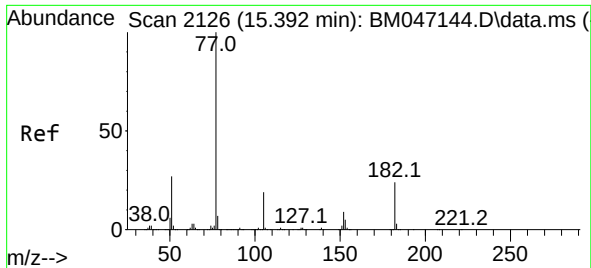


#62
4-Nitroaniline
Concen: 11.567 ng m
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



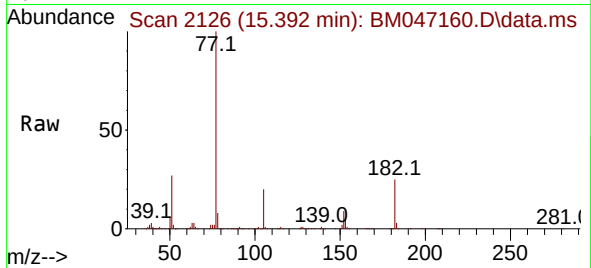
Tgt Ion:138 Resp: 141727
Ion Ratio Lower Upper
138 100
92 56.0 31.9 71.9
108 88.1 63.8 103.8





#63
Azobenzene
Concen: 12.342 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

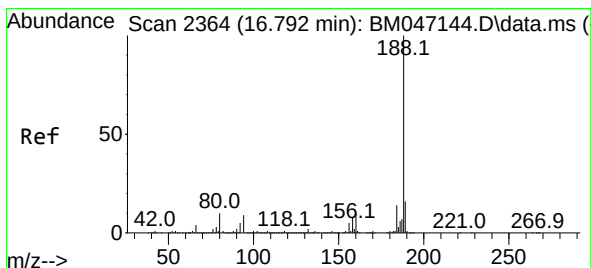
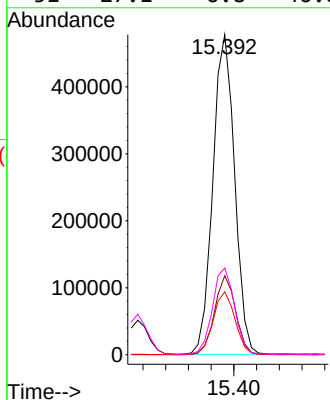
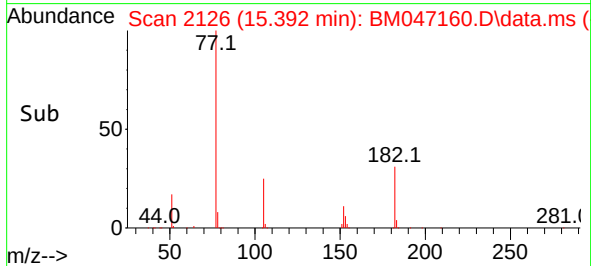
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 77 Resp: 634500
Ion Ratio Lower Upper
77 100
182 24.6 3.8 43.8
105 19.7 0.0 39.5
51 27.1 6.8 46.8

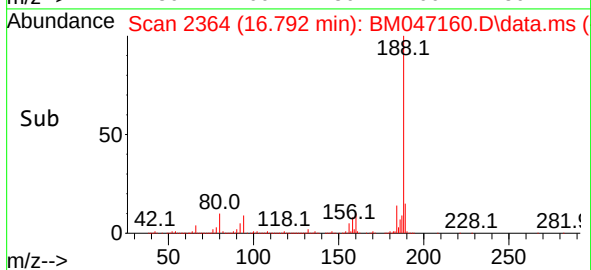
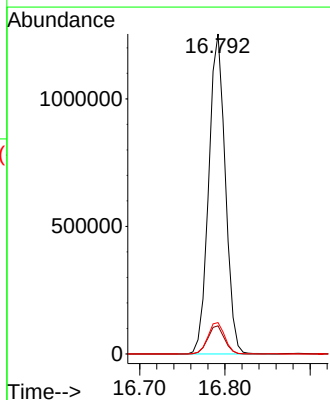
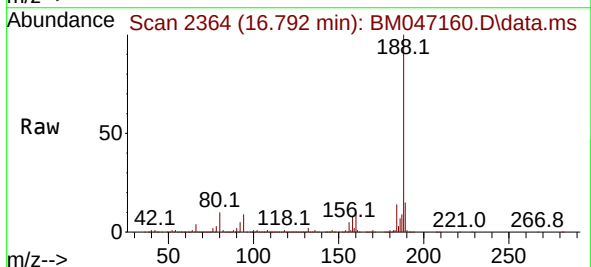
Manual Integrations
APPROVED

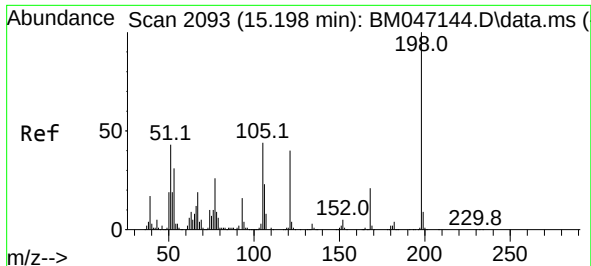
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

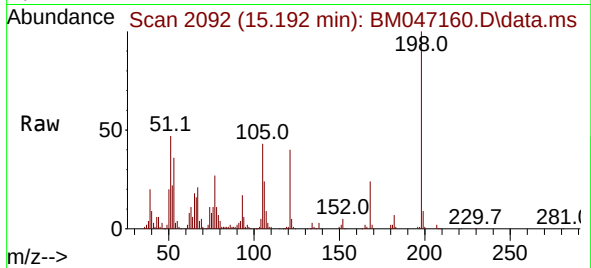
Tgt Ion:188 Resp: 1694488
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.8 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 9.310 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

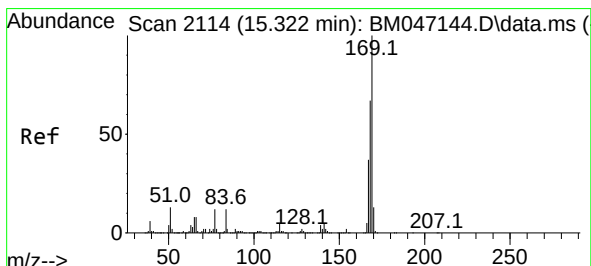
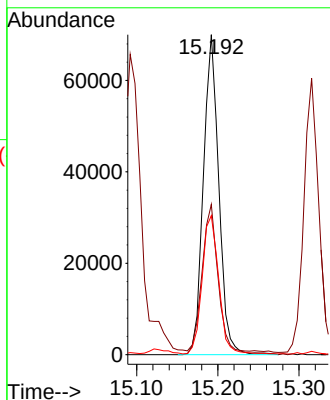
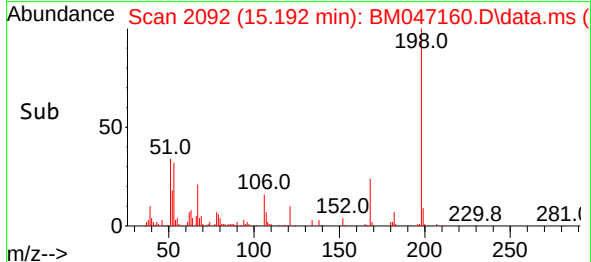
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



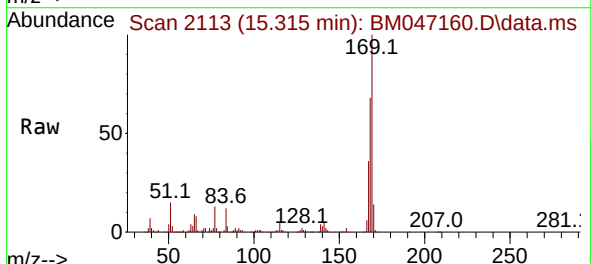
Tgt Ion:198 Resp: 92359
Ion Ratio Lower Upper
198 100
51 46.9 23.9 63.9
105 43.4 24.3 64.3

Manual Integrations
APPROVED

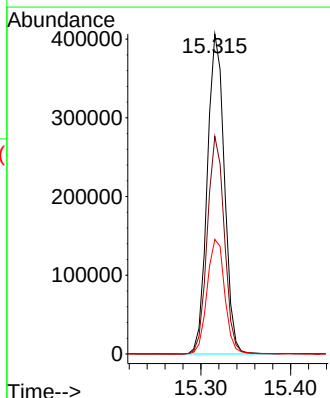
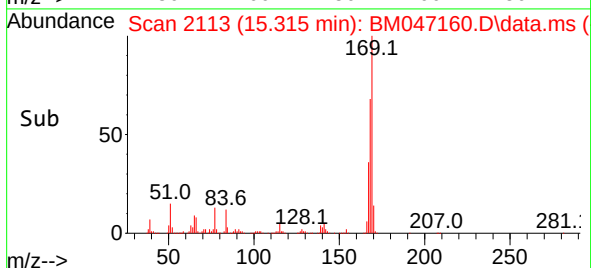
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

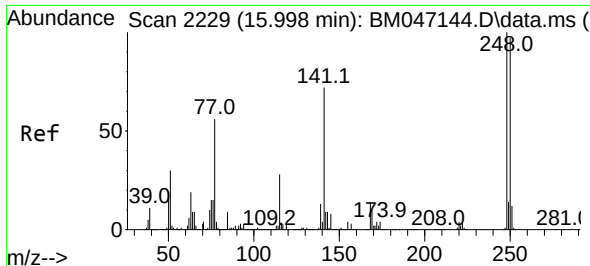


#66
n-Nitrosodiphenylamine
Concen: 11.663 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



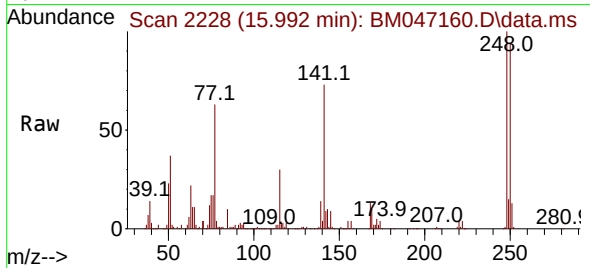
Tgt Ion:169 Resp: 538276
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.8
167 35.8 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 10.706 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

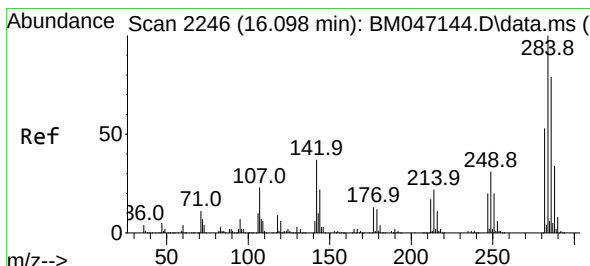
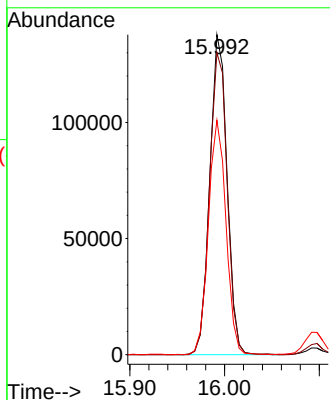
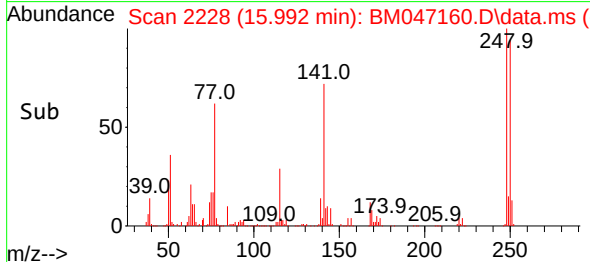
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:248 Resp: 174815
Ion Ratio Lower Upper
248 100
250 94.3 77.8 116.8
141 73.2 57.7 86.5

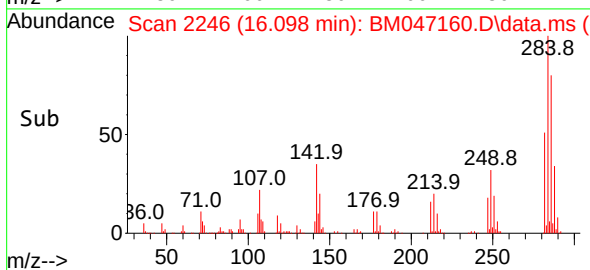
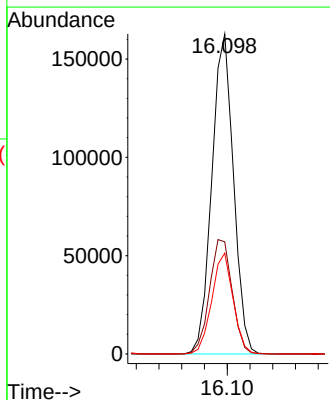
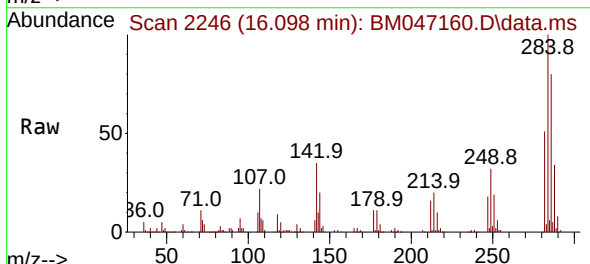
Manual Integrations
APPROVED

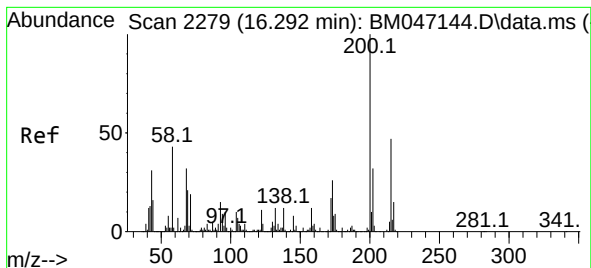
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#68
Hexachlorobenzene
Concen: 11.012 ng
RT: 16.098 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

Tgt Ion:284 Resp: 215348
Ion Ratio Lower Upper
284 100
142 35.1 29.4 44.0
249 31.5 25.1 37.7





#69

Atrazine

Concen: 13.952 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047160.D

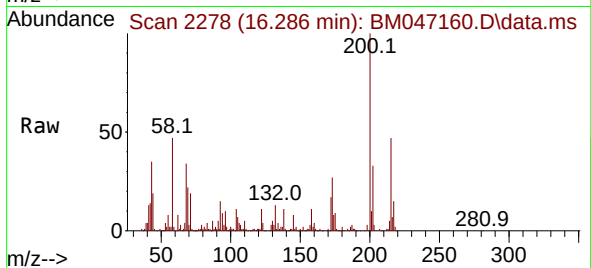
Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



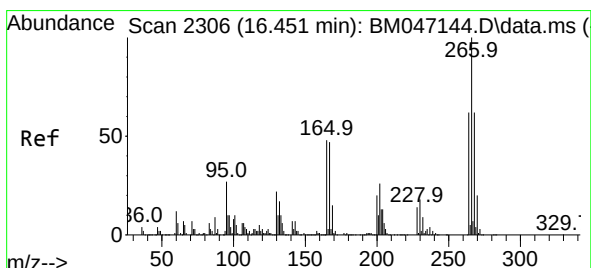
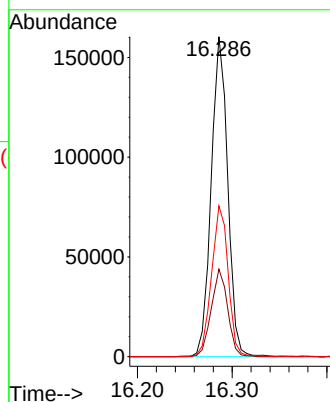
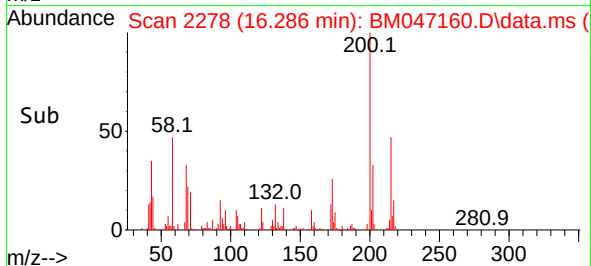
Tgt Ion:200 Resp: 193778

Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.1	46.1
215	47.1	26.8	66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 8.881 ng

RT: 16.451 min Scan# 2306

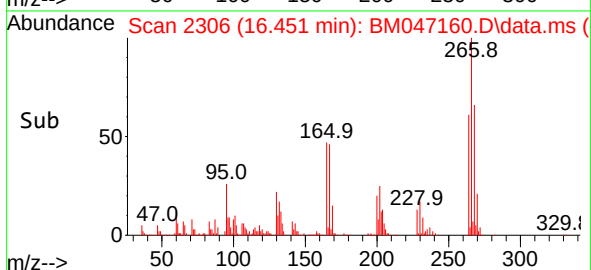
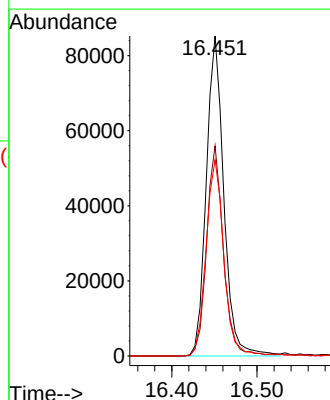
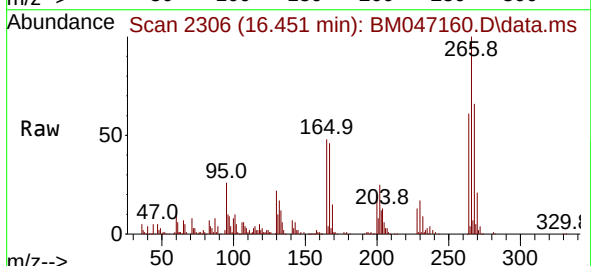
Delta R.T. -0.000 min

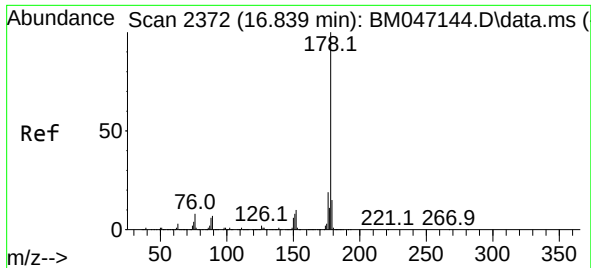
Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Tgt Ion:266 Resp: 121736

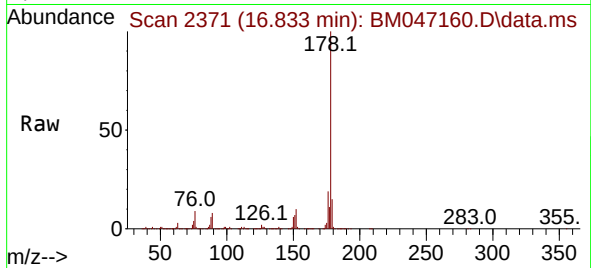
Ion	Ratio	Lower	Upper
266	100		
268	65.7	49.8	74.6
264	61.3	49.6	74.4





#71
Phenanthrene
Concen: 11.942 ng
RT: 16.833 min Scan# 2371
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

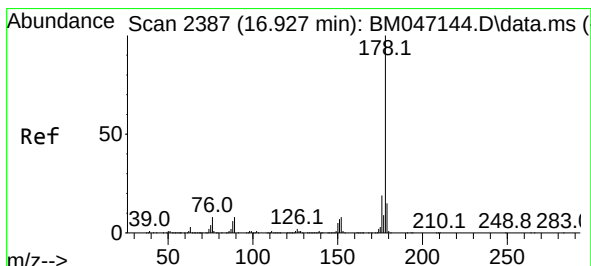
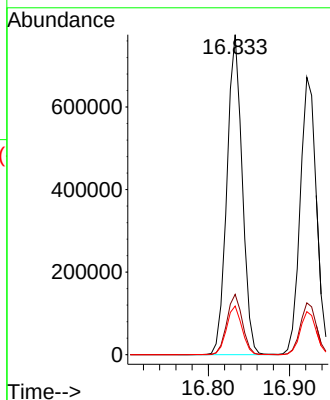
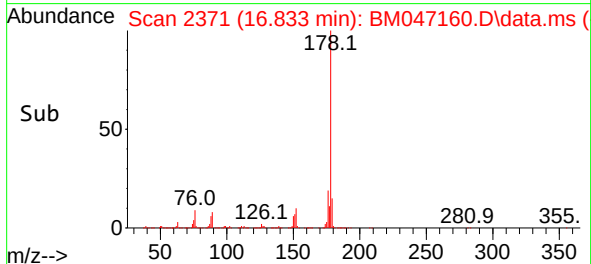
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



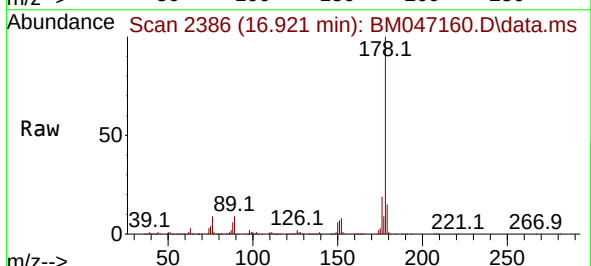
Tgt Ion:178 Resp: 1015530
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.4 18.6

Manual Integrations
APPROVED

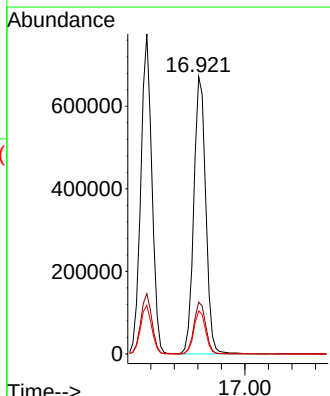
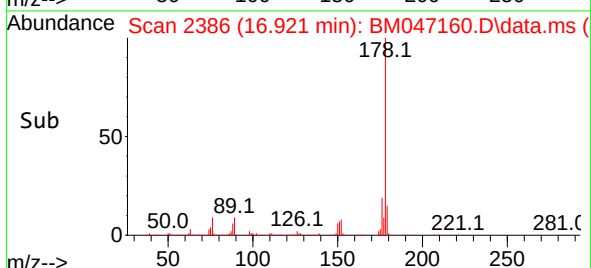
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

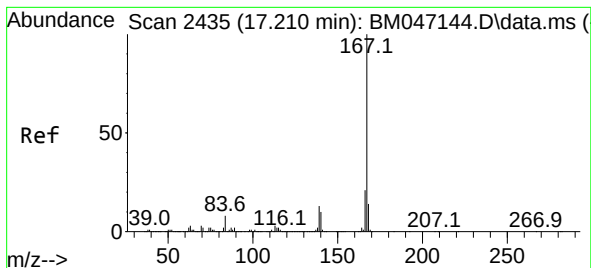


#72
Anthracene
Concen: 11.434 ng
RT: 16.921 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



Tgt Ion:178 Resp: 946141
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.4 18.6





#73

Carbazole

Concen: 11.571 ng

RT: 17.204 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

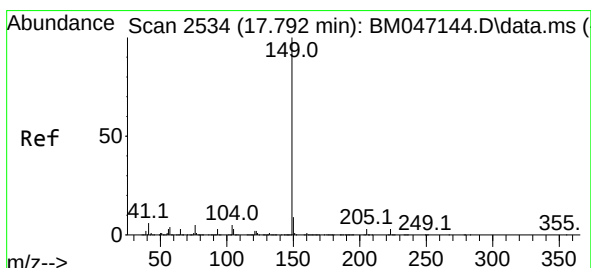
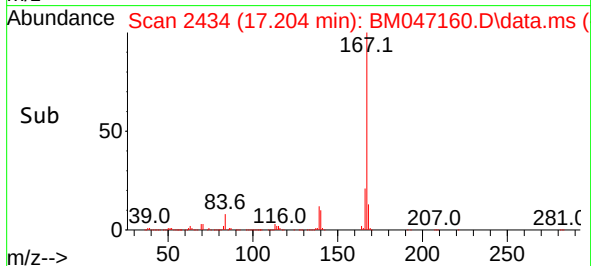
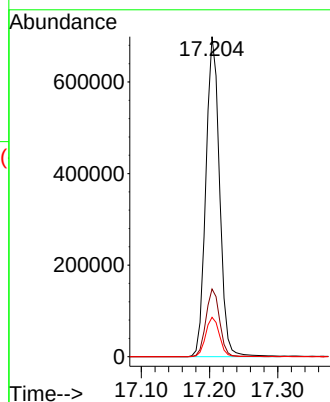
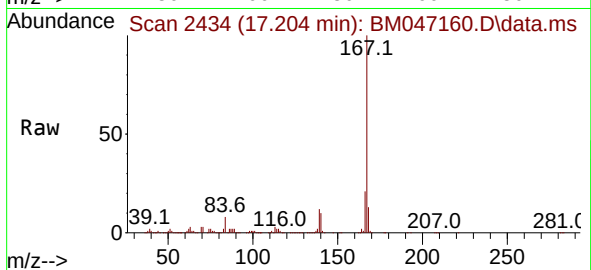
LOQ-WATER-02-QT3-2024

Tgt Ion:	167	Resp:	97754
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.1	25.7
139	12.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#74

Di-n-butylphthalate

Concen: 11.489 ng

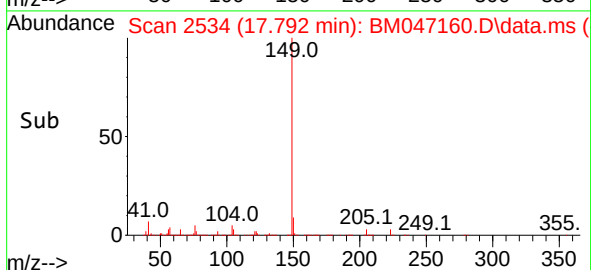
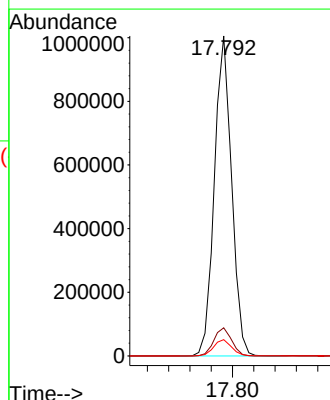
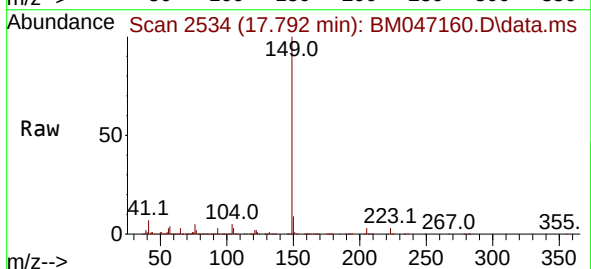
RT: 17.792 min Scan# 2534

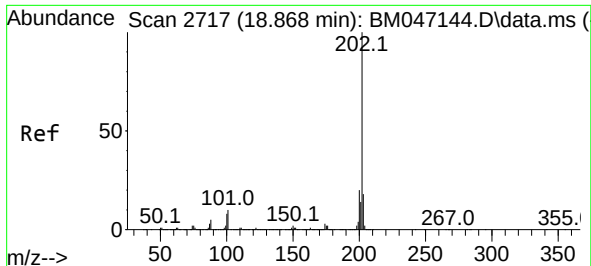
Delta R.T. -0.000 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

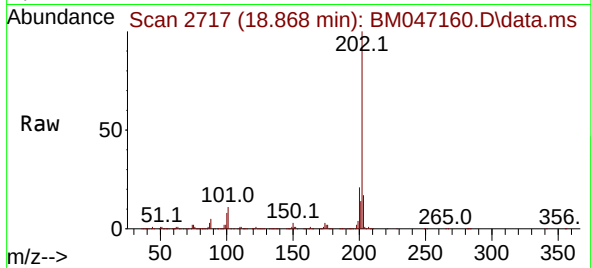
Tgt Ion:	149	Resp:	1129413
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.5	11.3
104	5.1	4.1	6.1





#75
Fluoranthene
Concen: 11.231 ng
RT: 18.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

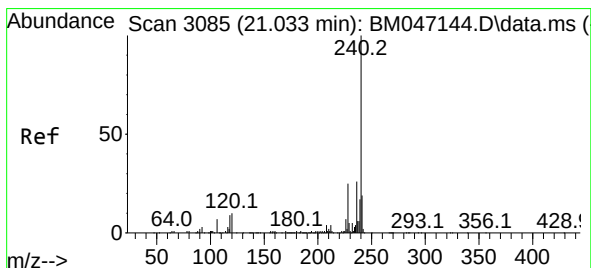
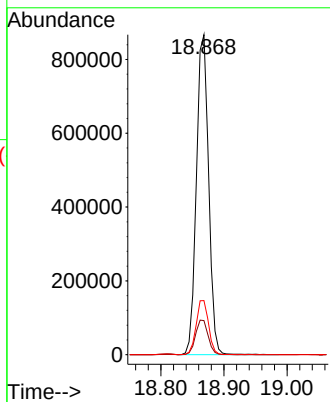
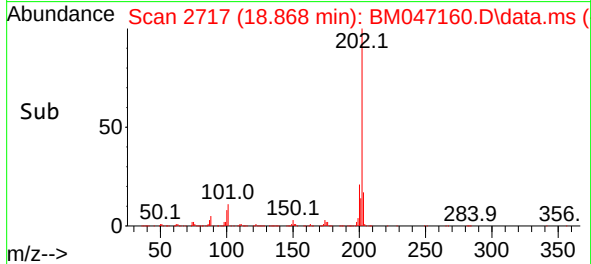
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



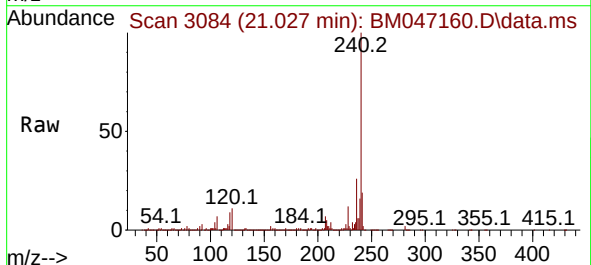
Tgt Ion:202 Resp: 1161640
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 16.9 0.0 37.6

Manual Integrations
APPROVED

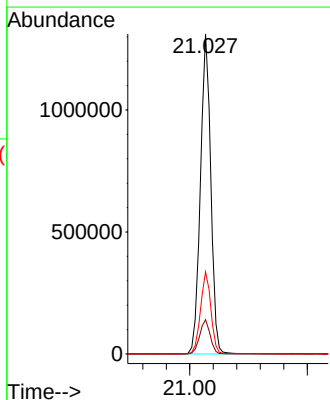
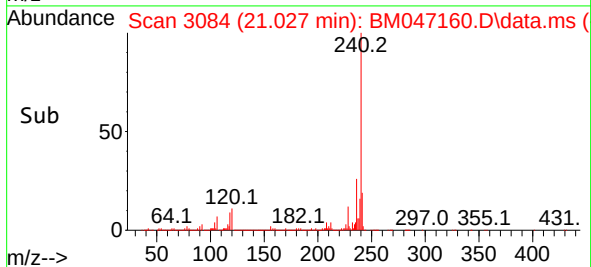
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

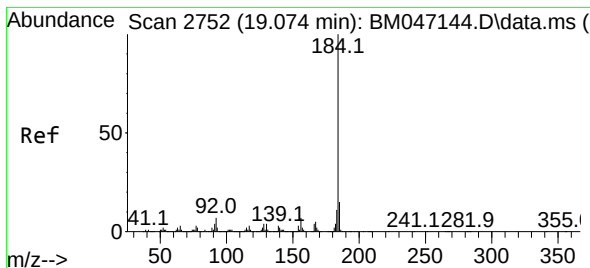


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



Tgt Ion:240 Resp: 1610754
Ion Ratio Lower Upper
240 100
120 10.7 8.2 12.2
236 25.6 20.6 30.8





#77

Benzidine

Concen: 11.596 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

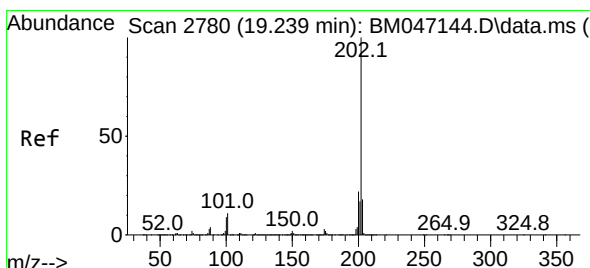
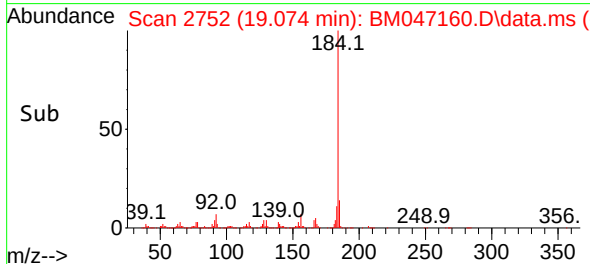
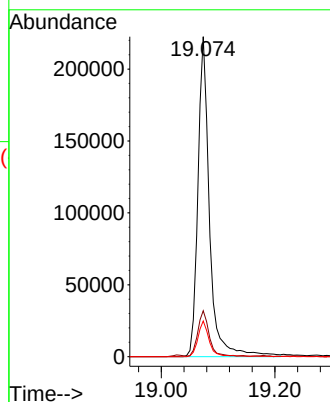
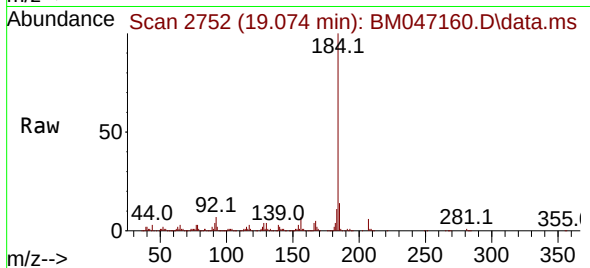
LOQ-WATER-02-QT3-2024

Tgt Ion:184 Resp: 316740
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.8 17.6
 183 11.2 9.0 13.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#78

Pyrene

Concen: 10.636 ng

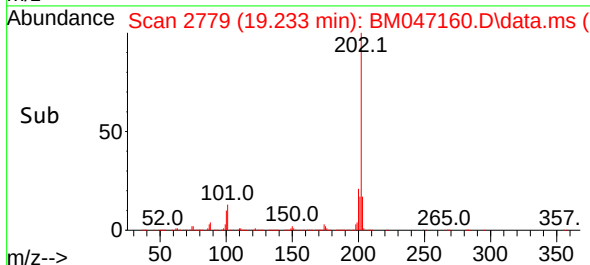
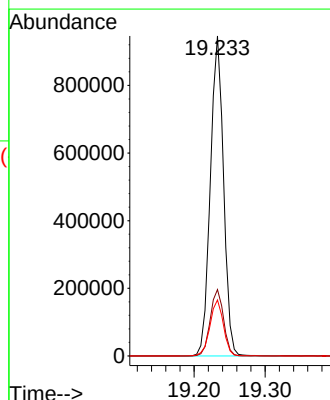
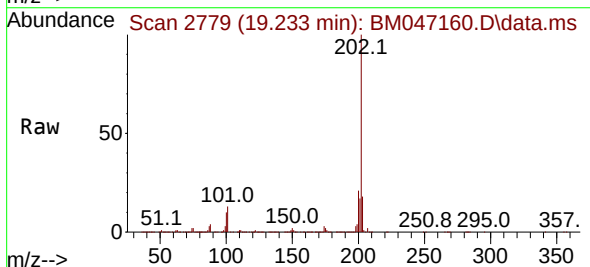
RT: 19.233 min Scan# 2779

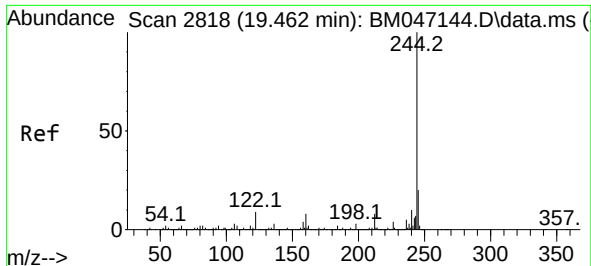
Delta R.T. -0.006 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

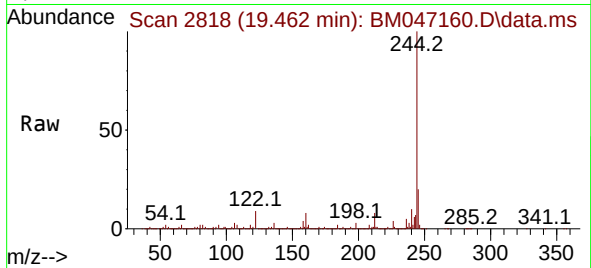
Tgt Ion:202 Resp: 1223223
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.2 25.8
 203 17.5 14.2 21.2





#79
 Terphenyl-d14
 Concen: 98.987 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047160.D
 Acq: 12 Aug 2024 18:11

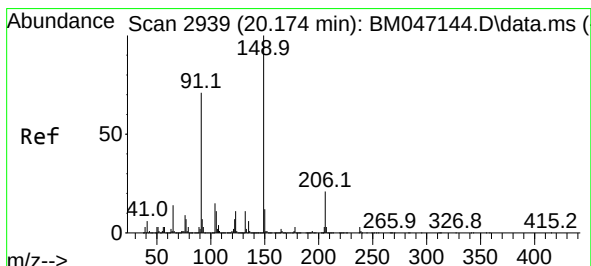
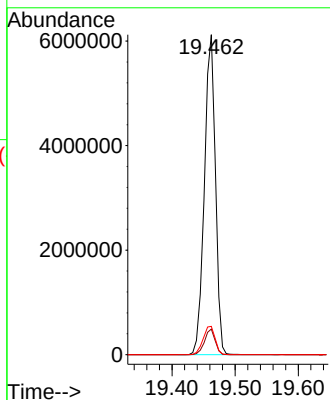
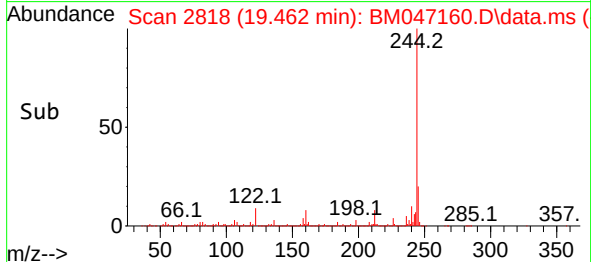
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion:244 Resp: 7441010
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 8.9 7.1 10.7

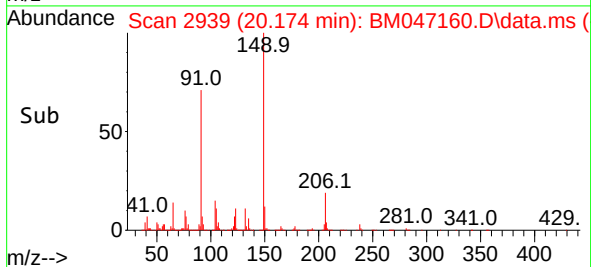
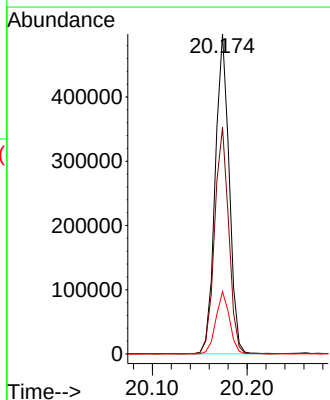
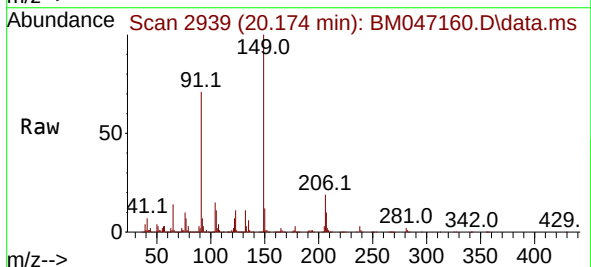
Manual Integrations
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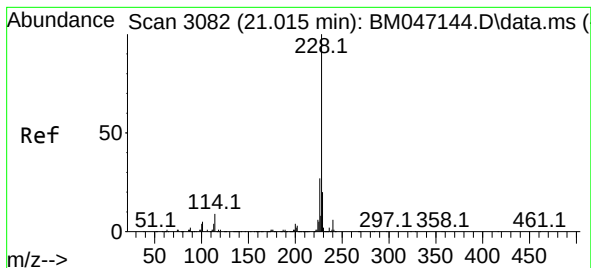
Reviewed By :Jagrut Upadhyay 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 10.887 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047160.D
 Acq: 12 Aug 2024 18:11

Tgt Ion:149 Resp: 511010
 Ion Ratio Lower Upper
 149 100
 91 70.8 57.0 85.4
 206 19.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 11.425 ng

RT: 21.009 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM047160.D

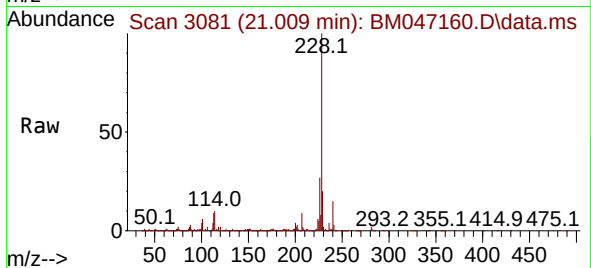
Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:228 Resp: 122166

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.6

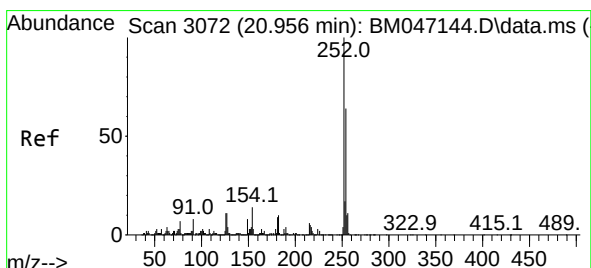
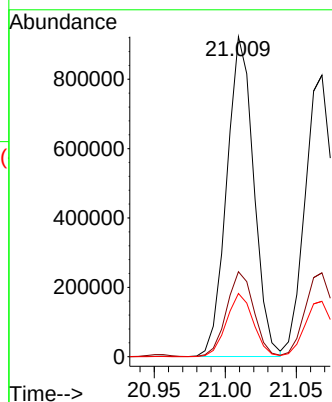
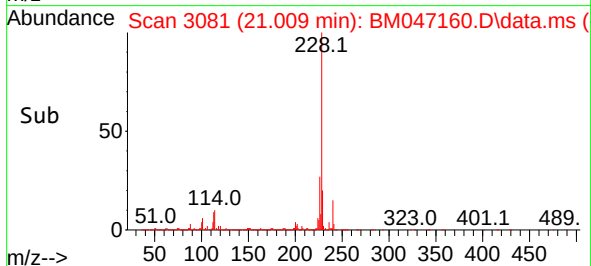
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 12.980 ng m

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

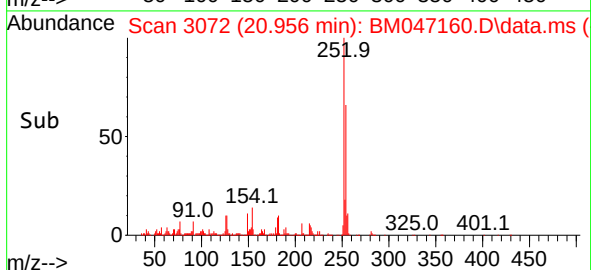
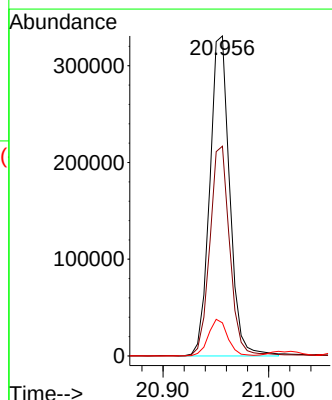
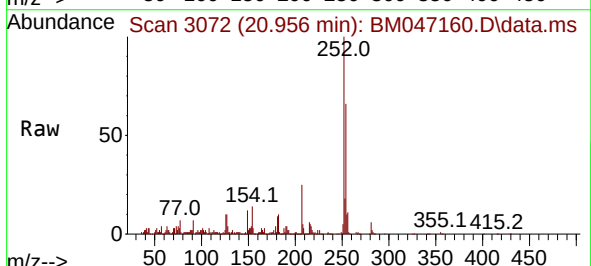
Tgt Ion:252 Resp: 434258

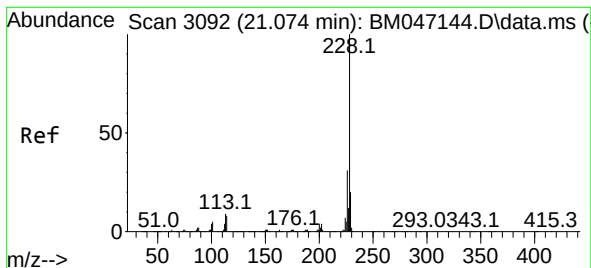
Ion Ratio Lower Upper

252 100

254 65.5 51.0 76.6

126 10.3 8.5 12.7





#83

Chrysene

Concen: 11.071 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047160.D

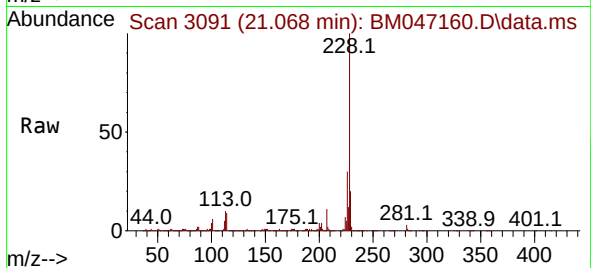
Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:228 Resp: 112316

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

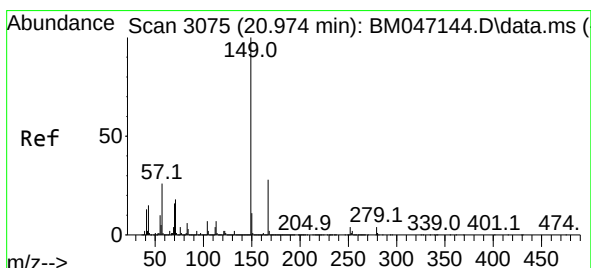
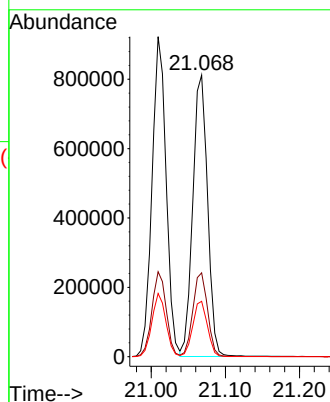
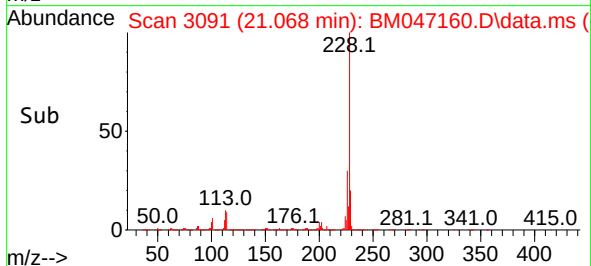
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.382 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

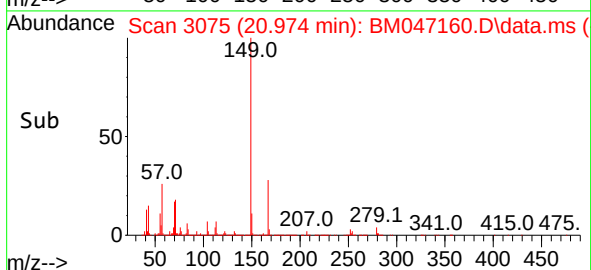
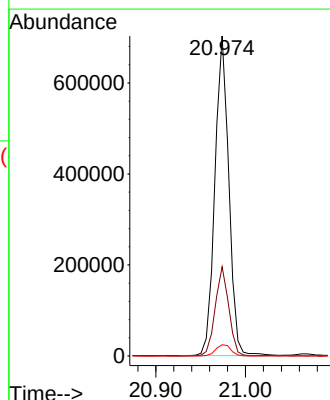
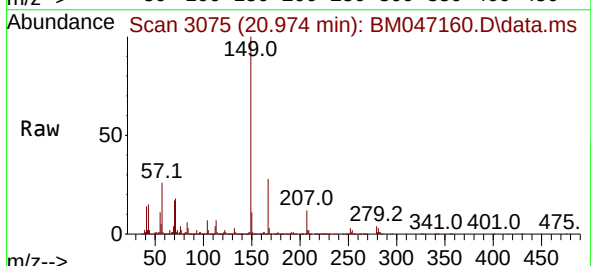
Tgt Ion:149 Resp: 757627

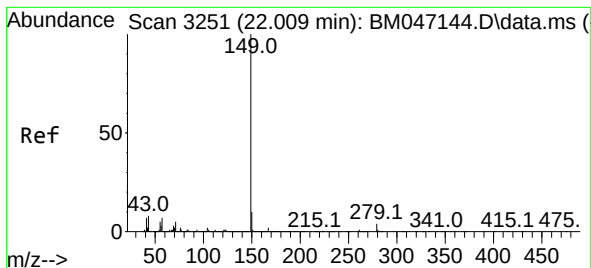
Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

279 3.5 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 10.850 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

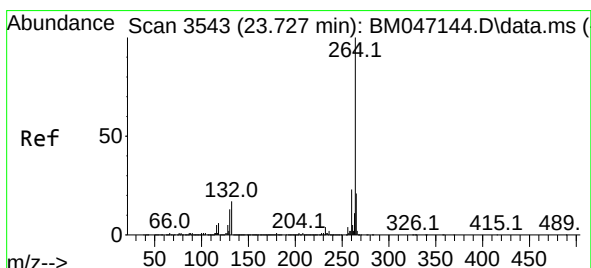
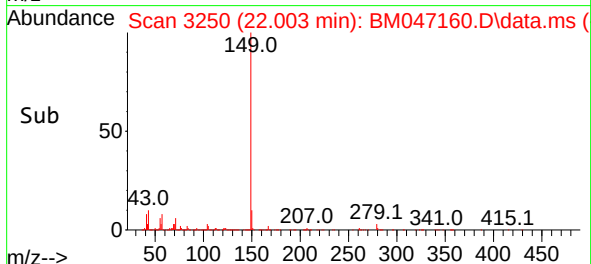
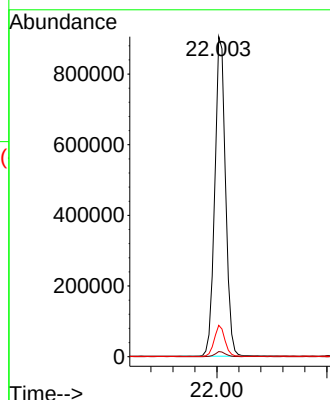
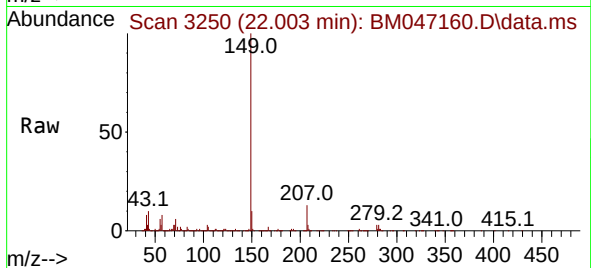
Tgt Ion:149 Resp: 122761

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

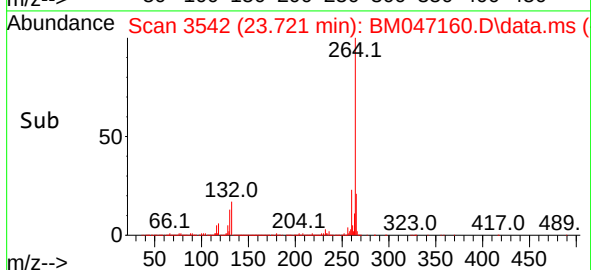
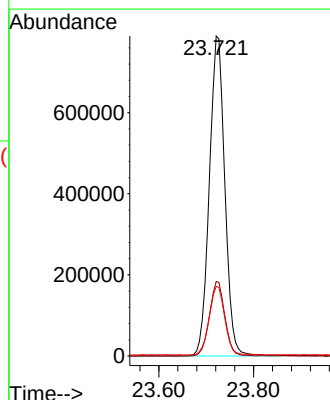
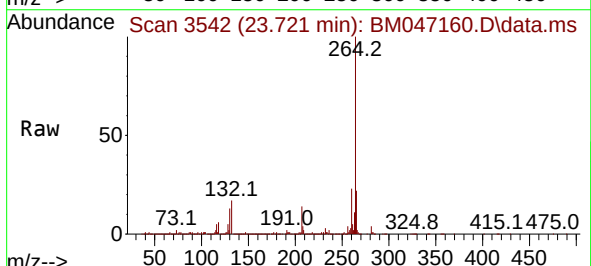
Delta R.T. -0.006 min

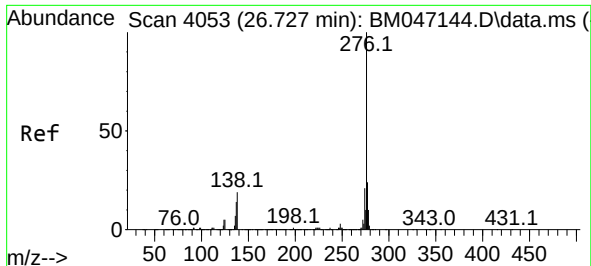
Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Tgt Ion:264 Resp: 1792538

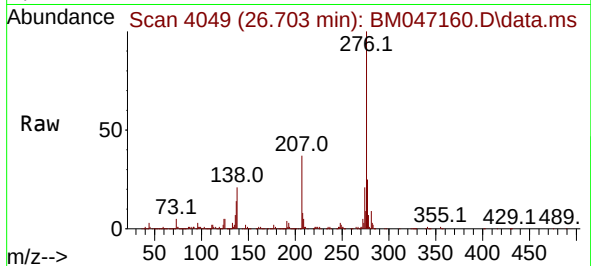
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.8	17.3	25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 11.794 ng
RT: 26.703 min Scan# 4053
Delta R.T. -0.024 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

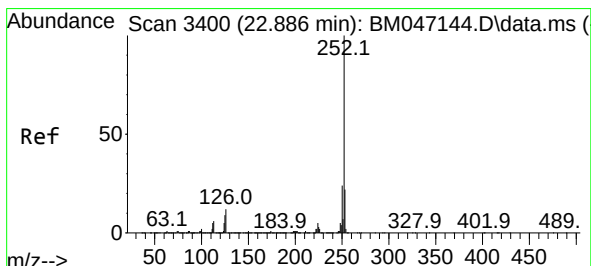
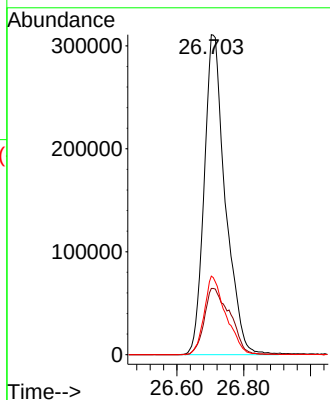
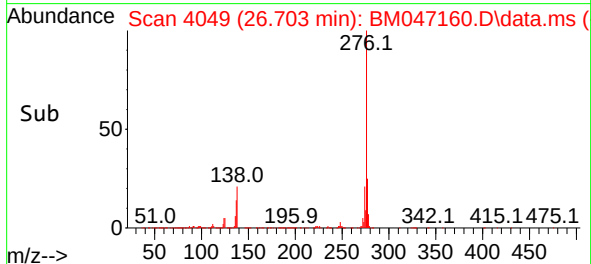
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



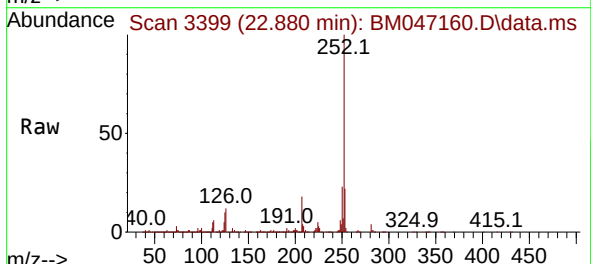
Tgt Ion:276 Resp: 136646
Ion Ratio Lower Upper
276 100
138 25.2 19.4 29.0
277 25.1 20.1 30.1

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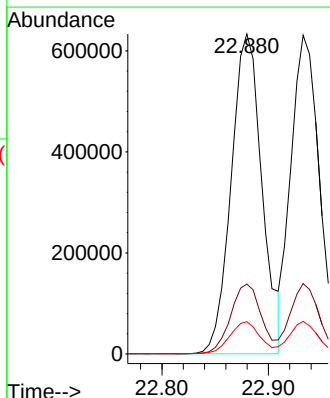
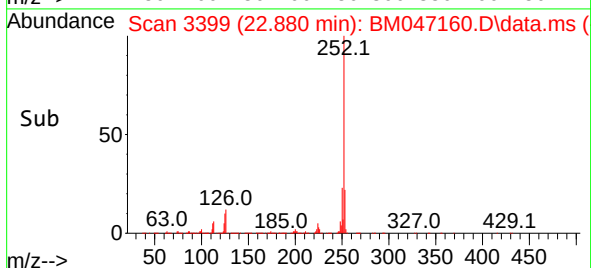
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

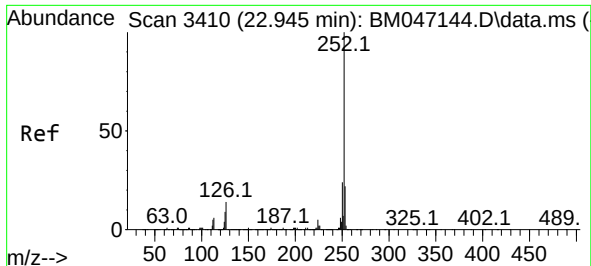


#88
Benzo(b)fluoranthene
Concen: 11.941 ng
RT: 22.880 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11



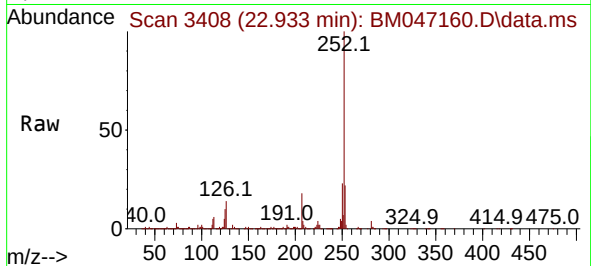
Tgt Ion:252 Resp: 1271160
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.1 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 11.699 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

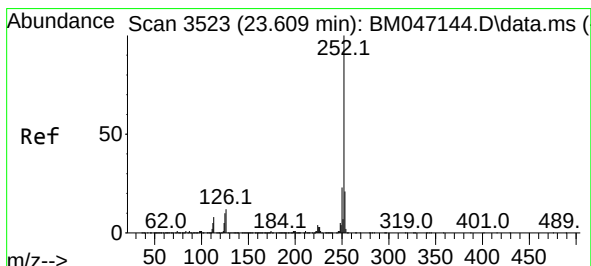
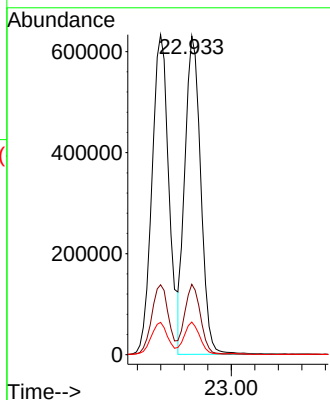
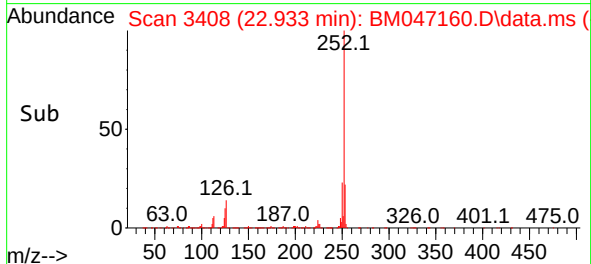
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:252 Resp: 1176270
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.3 7.4 11.2

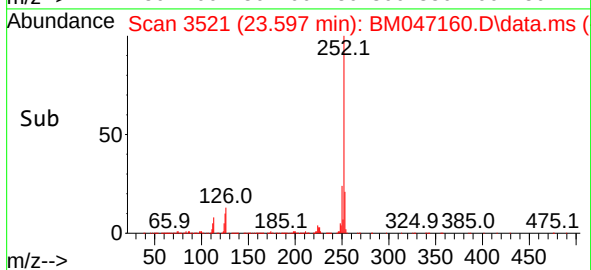
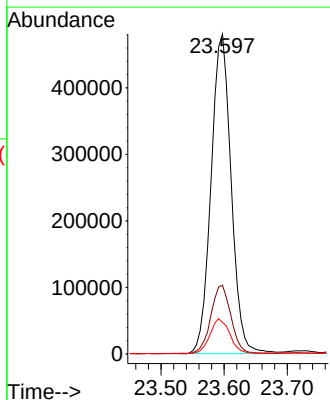
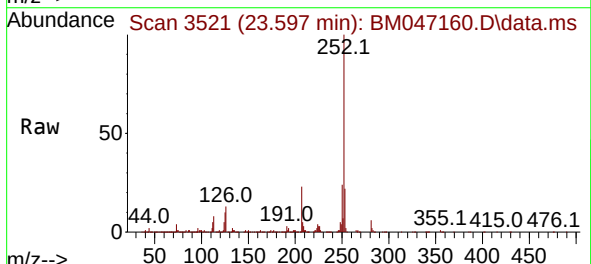
Manual Integrations
APPROVED

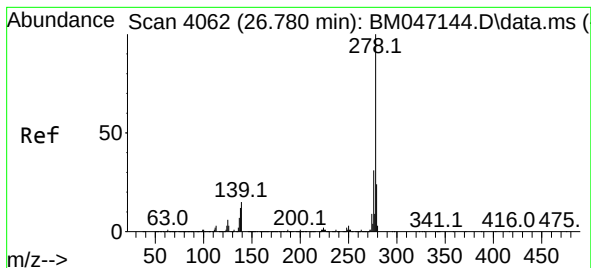
Reviewed By :Jagrut Upadhyay 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#90
Benzo(a)pyrene
Concen: 11.515 ng
RT: 23.597 min Scan# 3521
Delta R.T. -0.012 min
Lab File: BM047160.D
Acq: 12 Aug 2024 18:11

Tgt Ion:252 Resp: 1061895
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.9 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 12.120 ng

RT: 26.756 min Scan# 4062

Delta R.T. -0.024 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:278 Resp: 113647

Ion Ratio Lower Upper

278 100

139 16.0 12.0 18.0

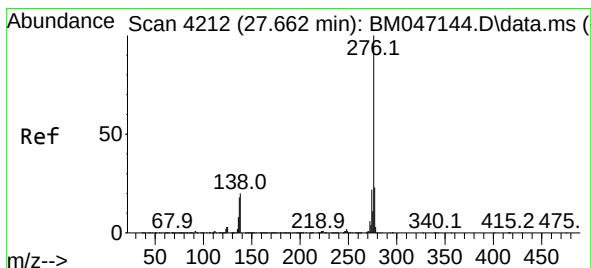
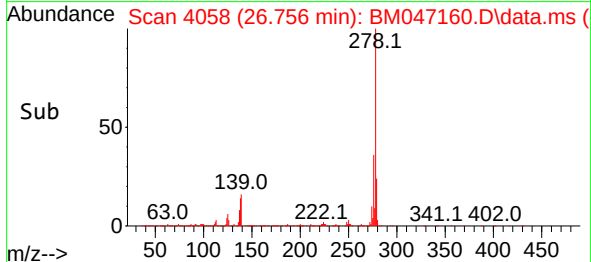
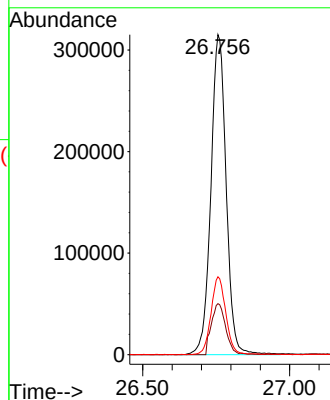
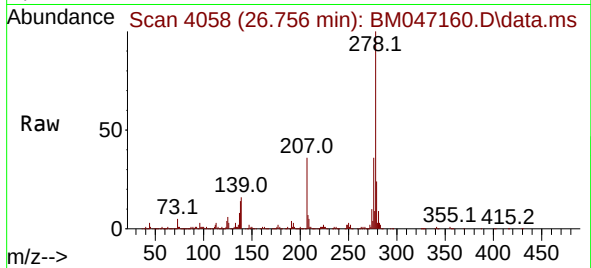
279 24.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#92

Benzo(g,h,i)perylene

Concen: 11.397 ng

RT: 27.632 min Scan# 4207

Delta R.T. -0.030 min

Lab File: BM047160.D

Acq: 12 Aug 2024 18:11

Tgt Ion:276 Resp: 1109518

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 21.0 16.2 24.4

