

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081324\
 Data File : BM047171.D
 Acq On : 13 Aug 2024 12:21
 Operator : RC/JU
 Sample : P3390-09
 Misc : MDL-MDL-WATER-4NG
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 13 13:00:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	211102	20.000	ng	0.00
21) Naphthalene-d8	10.127	136	881353	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	578630	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	1258334	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1205514	20.000	ng	0.00
86) Perylene-d12	23.715	264	1467419	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1511117	127.906	ng	0.00
7) Phenol-d6	6.581	99	2078448	127.676	ng	0.00
23) Nitrobenzene-d5	8.516	82	1509718	86.253	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	881506	131.386	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3113659	83.005	ng	0.00
79) Terphenyl-d14	19.456	244	4757776	84.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	23639	4.829	ng	97
3) Pyridine	3.422	79	52562	3.662	ng	96
4) n-Nitrosodimethylamine	3.334	42	26754	4.266	ng	# 89
6) Aniline	6.722	93	77314	5.025	ng	98
8) 2-Chlorophenol	6.945	128	55684	4.321	ng	97
9) Benzaldehyde	6.534	77	53036	4.141	ng	97
10) Phenol	6.604	94	67776	4.172	ng	91
11) bis(2-Chloroethyl)ether	6.822	93	57868	4.160	ng	100
12) 1,3-Dichlorobenzene	7.257	146	63045	4.117	ng	96
13) 1,4-Dichlorobenzene	7.404	146	64362	4.152	ng	97
14) 1,2-Dichlorobenzene	7.716	146	62791	4.293	ng	96
15) Benzyl Alcohol	7.622	79	41858	3.613	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.892	45	84098	4.711	ng	98
17) 2-Methylphenol	7.828	107	42294	3.903	ng	98
18) Hexachloroethane	8.422	117	23199	3.863	ng	91
19) n-Nitroso-di-n-propyla...	8.175	70	46563	4.246	ng	91
20) 3+4-Methylphenols	8.157	107	58641	3.871	ng	98
22) Acetophenone	8.186	105	95036	4.467	ng	96
24) Nitrobenzene	8.557	77	74021m	4.200	ng	
25) Isophorone	9.080	82	119736	3.929	ng	99
26) 2-Nitrophenol	9.263	139	24292	3.112	ng	# 90
27) 2,4-Dimethylphenol	9.339	122	32486	3.553	ng	97
28) bis(2-Chloroethoxy)met...	9.569	93	78822	4.110	ng	99
29) 2,4-Dichlorophenol	9.792	162	46713	3.443	ng	95
30) 1,2,4-Trichlorobenzene	9.992	180	60574	3.945	ng	98
31) Naphthalene	10.175	128	180225	4.105	ng	98
32) Benzoic acid	9.428	122	25760m	2.425	ng	
33) 4-Chloroaniline	10.304	127	67478	3.997	ng	99
34) Hexachlorobutadiene	10.463	225	32714	3.640	ng	91
35) Caprolactam	11.086	113	14602m	3.099	ng	
36) 4-Chloro-3-methylphenol	11.445	107	48730	3.373	ng	98
37) 2-Methylnaphthalene	11.804	142	123890	3.963	ng	98
38) 1-Methylnaphthalene	12.027	142	120619	3.904	ng	100
40) 1,2,4,5-Tetrachloroben...	12.180	216	60617	3.841	ng	98
41) Hexachlorocyclopentadiene	12.157	237	20841	3.782	ng	100
43) 2,4,6-Trichlorophenol	12.439	196	36593	3.262	ng	96

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Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT3-2024

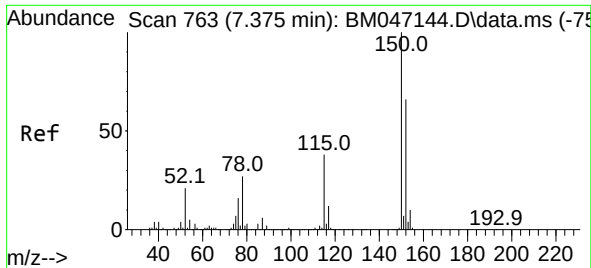
Quant Time: Aug 13 13:00:02 2024
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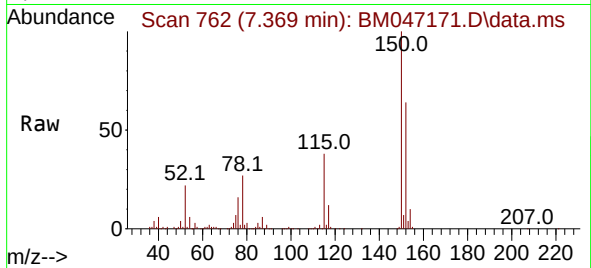
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	38653	3.103	ng	98
46) 1,1'-Biphenyl	12.845	154	173900	4.222	ng	98
47) 2-Chloronaphthalene	12.880	162	132701	4.122	ng	97
48) 2-Nitroaniline	13.110	65	33399	3.311	ng	89
49) Acenaphthylene	13.745	152	203542	4.289	ng	99
50) Dimethylphthalate	13.504	163	163327	4.042	ng	99
51) 2,6-Dinitrotoluene	13.621	165	31146	3.297	ng	100
52) Acenaphthene	14.092	154	122032	4.054	ng	98
53) 3-Nitroaniline	13.957	138	31549	3.333	ng	99
54) 2,4-Dinitrophenol	14.168	184	10799	1.907	ng	96
55) Dibenzofuran	14.433	168	204987	4.311	ng	99
56) 4-Nitrophenol	14.298	139	22309	2.733	ng	94
57) 2,4-Dinitrotoluene	14.421	165	39736	3.151	ng	# 82
58) Fluorene	15.086	166	159117	4.055	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.668	232	36016	3.518	ng	96
60) Diethylphthalate	14.886	149	159071	3.855	ng	96
61) 4-Chlorophenyl-phenyle...	15.092	204	75828	4.059	ng	98
62) 4-Nitroaniline	15.127	138	29508m	3.164	ng	
63) Azobenzene	15.386	77	160475	4.101	ng	98
65) 4,6-Dinitro-2-methylph...	15.192	198	17995	2.443	ng	93
66) n-Nitrosodiphenylamine	15.315	169	136031	3.969	ng	98
67) 4-Bromophenyl-phenylether	15.992	248	42899	3.538	ng	96
68) Hexachlorobenzene	16.092	284	54791	3.773	ng	95
69) Atrazine	16.286	200	42690	4.139	ng	97
70) Pentachlorophenol	16.451	266	27191	2.671	ng	98
71) Phenanthrene	16.827	178	267919	4.243	ng	99
72) Anthracene	16.921	178	247918	4.035	ng	100
73) Carbazole	17.203	167	241073	3.842	ng	98
74) Di-n-butylphthalate	17.792	149	254346	3.484	ng	99
75) Fluoranthene	18.862	202	287216	3.739	ng	99
77) Benzidine	19.074	184	89750	4.390	ng	98
78) Pyrene	19.233	202	304939	3.543	ng	99
80) Butylbenzylphthalate	20.174	149	108041	3.076	ng	97
81) Benzo(a)anthracene	21.009	228	314926	3.935	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	95418	3.811	ng	# 98
83) Chrysene	21.062	228	305786	4.027	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	158726	3.186	ng	100
85) Di-n-octyl phthalate	22.003	149	245976	2.905	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.697	276	374205	3.945	ng	# 93
88) Benzo(b)fluoranthene	22.874	252	321547	3.690	ng	98
89) Benzo(k)fluoranthene	22.927	252	315275	3.830	ng	99
90) Benzo(a)pyrene	23.591	252	281806	3.733	ng	# 97
91) Dibenzo(a,h)anthracene	26.750	278	312061	4.065	ng	98
92) Benzo(g,h,i)perylene	27.620	276	307588	3.859	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

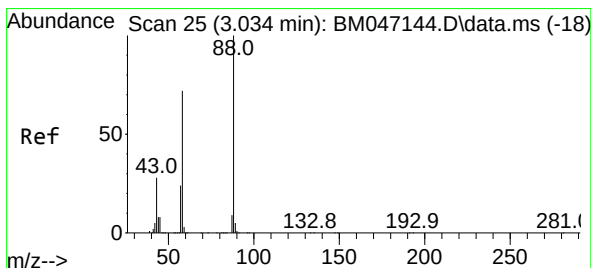
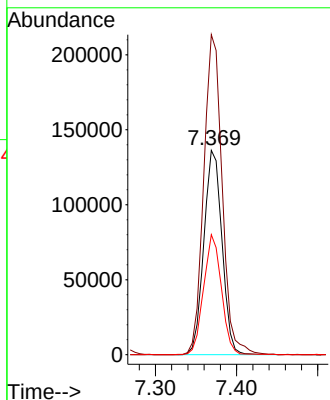
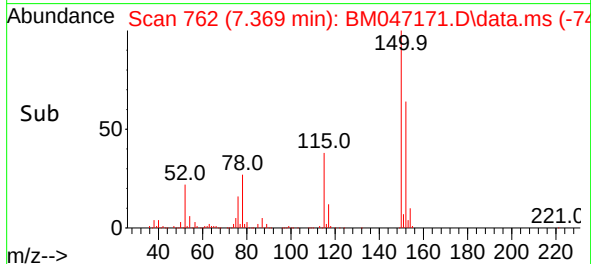
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



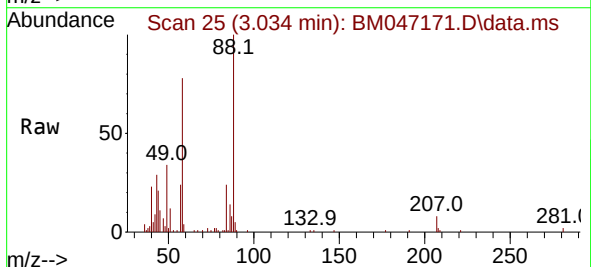
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Ion Ratio Lower Upper
152 100
150 156.6 120.5 180.7
115 58.7 45.5 68.3

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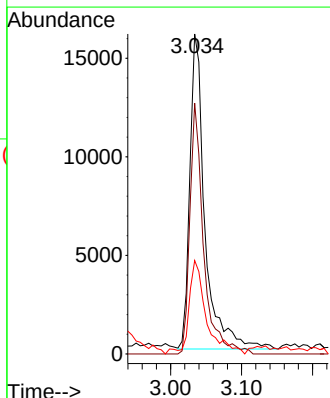
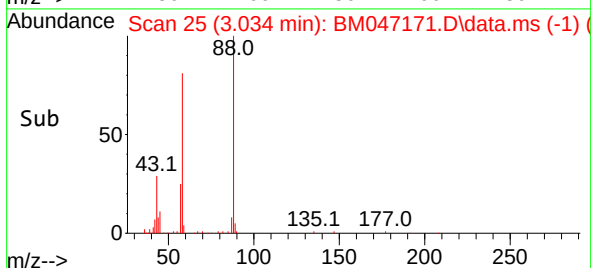
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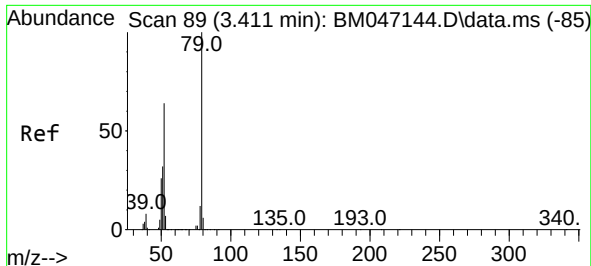


#2
1,4-Dioxane
Concen: 4.829 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



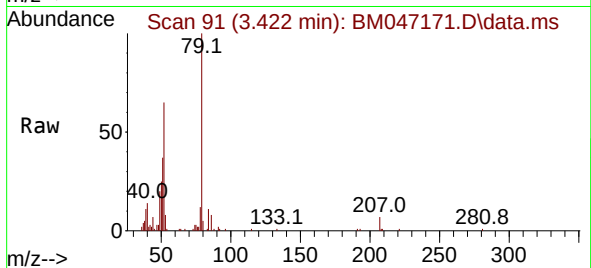
Tgt Ion: 88 Resp: 23639
Ion Ratio Lower Upper
88 100
58 72.3 58.2 87.4
43 33.7 22.5 33.7





#3
 Pyridine
 Concen: 3.662 ng
 RT: 3.422 min Scan# 91
 Delta R.T. 0.011 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

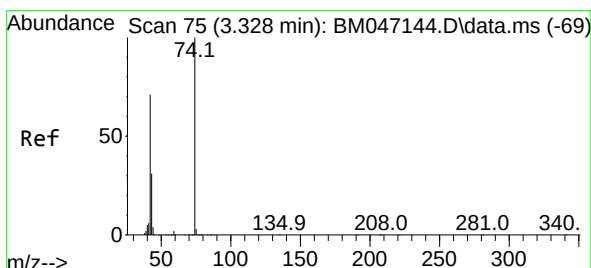
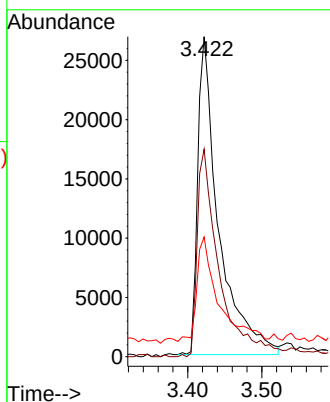
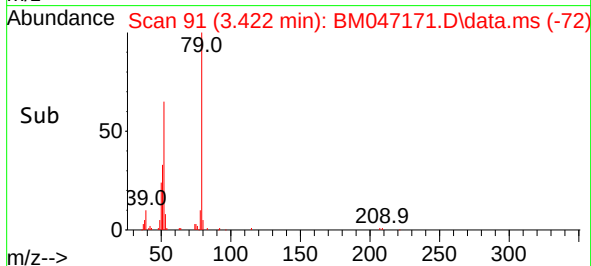
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion: 79 Resp: 5256
 Ion Ratio Lower Upper
 79 100
 52 64.9 51.2 76.8
 51 37.4 26.1 39.1

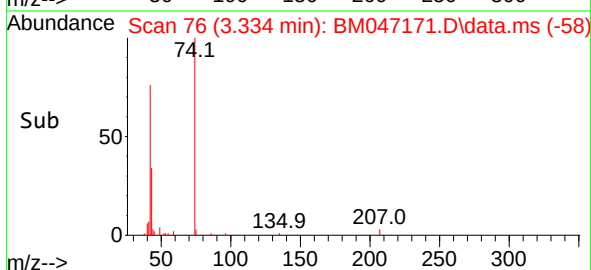
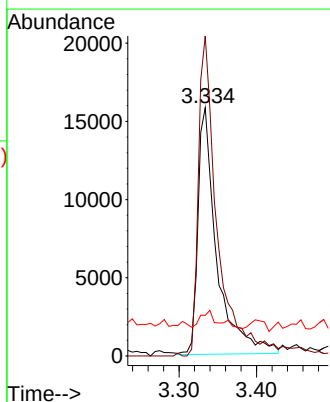
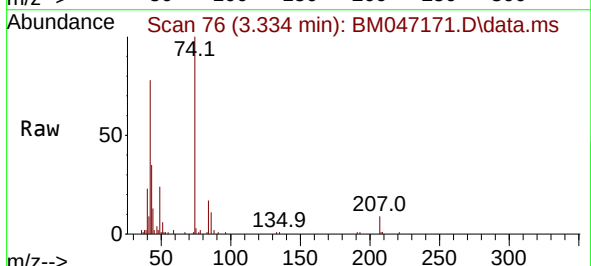
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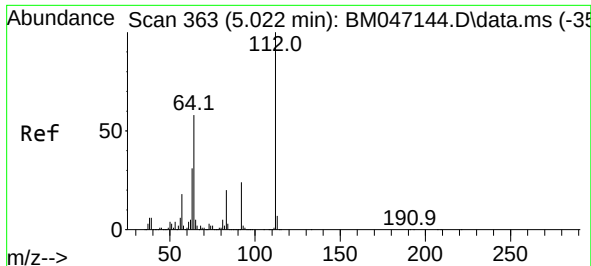
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#4
 n-Nitrosodimethylamine
 Concen: 4.266 ng
 RT: 3.334 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

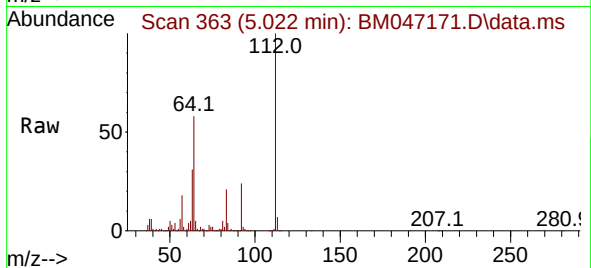
Tgt Ion: 42 Resp: 26754
 Ion Ratio Lower Upper
 42 100
 74 128.8 112.9 169.3
 44 16.4 5.3 7.9#





#5
2-Fluorophenol
Concen: 127.906 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

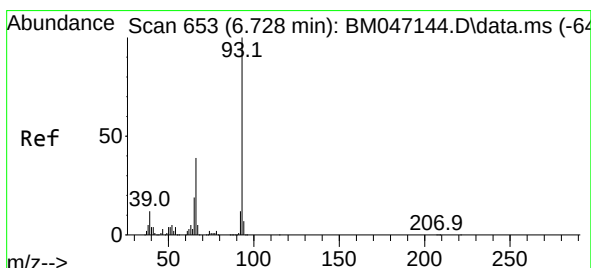
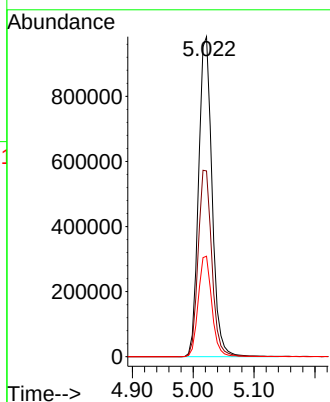
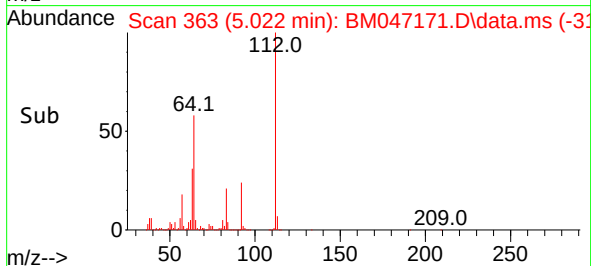
Instrument :
BNA_M
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MDL-WATER-03-QT3-2024



Tgt Ion: 112 Resp: 151111
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 31.4 24.8 37.2

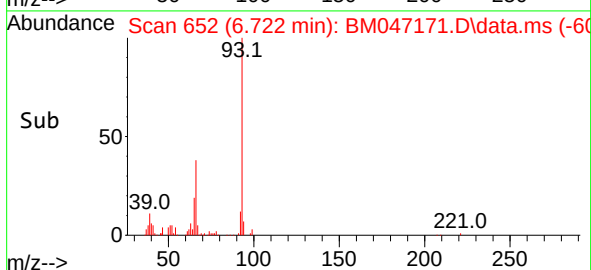
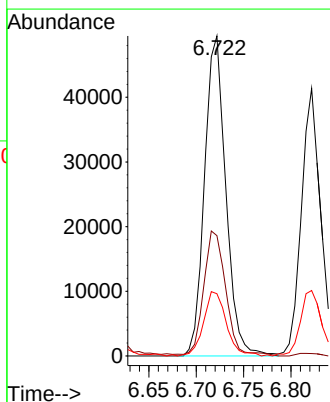
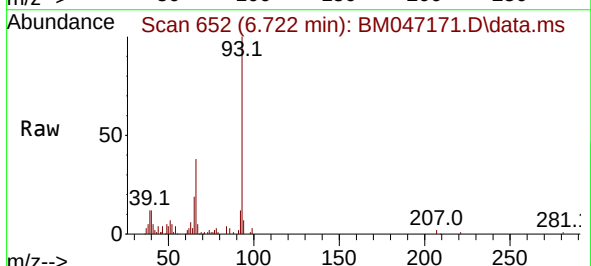
Manual Integrations
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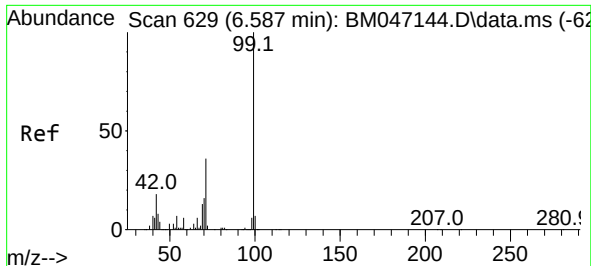
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 5.025 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

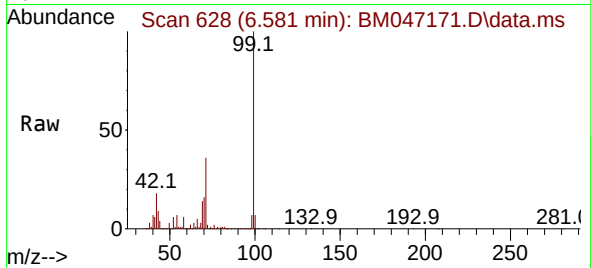
Tgt Ion: 93 Resp: 77314
Ion Ratio Lower Upper
93 100
66 37.6 31.4 47.2
65 19.4 15.6 23.4





#7
Phenol-d6
Concen: 127.676 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

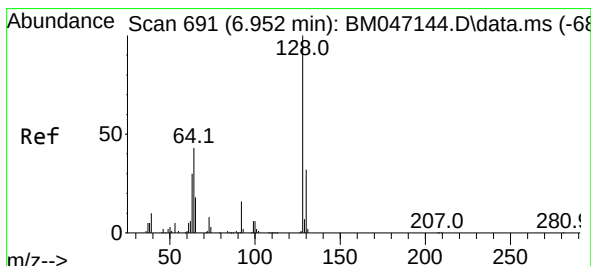
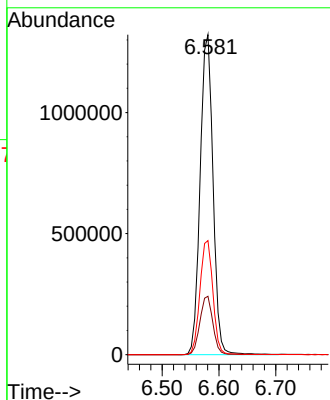
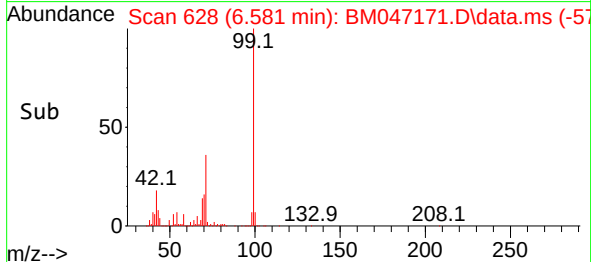
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 99 Resp: 207844
Ion Ratio Lower Upper
99 100
42 18.2 14.1 21.1
71 35.7 28.5 42.7

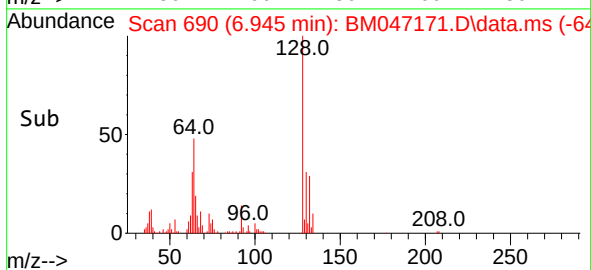
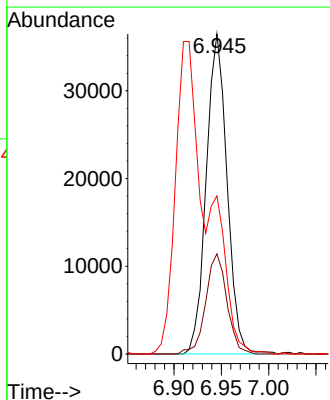
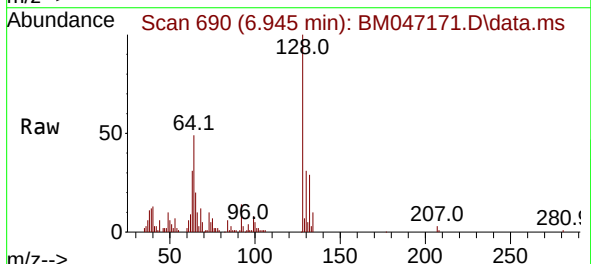
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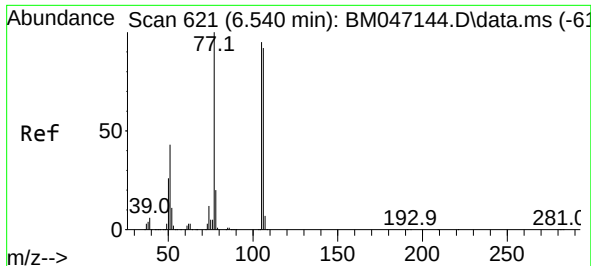
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 4.321 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:128 Resp: 55684
Ion Ratio Lower Upper
128 100
130 31.3 12.1 52.1
64 49.4 26.6 66.6





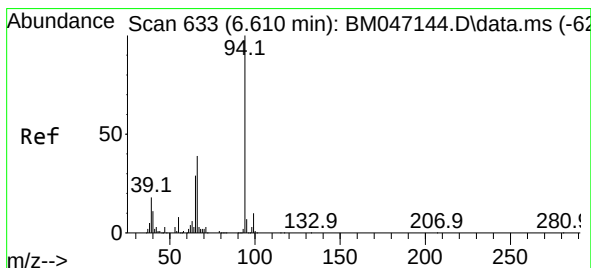
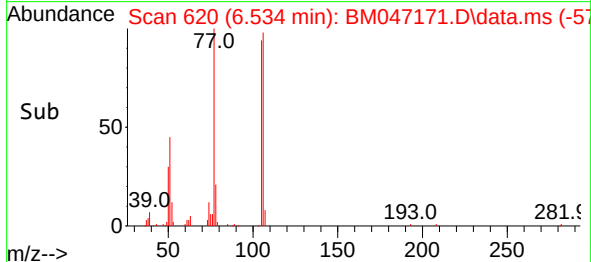
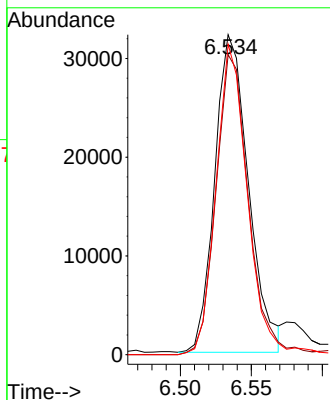
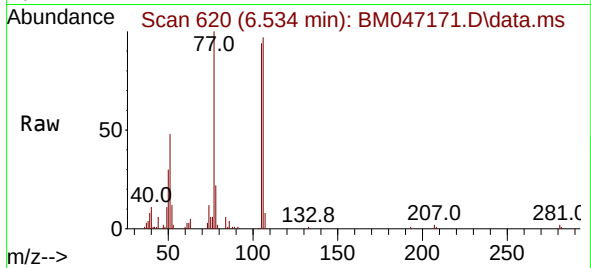
#9
Benzaldehyde
Concen: 4.141 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 77 Resp: 53036
Ion Ratio Lower Upper
77 100
105 93.8 74.5 114.5
106 97.0 72.3 112.3

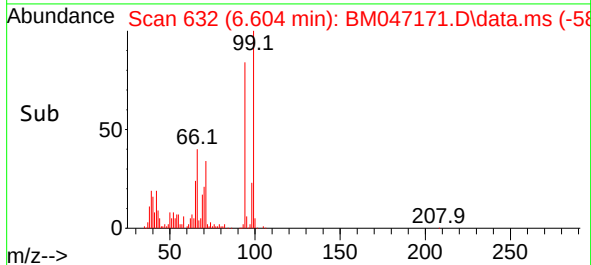
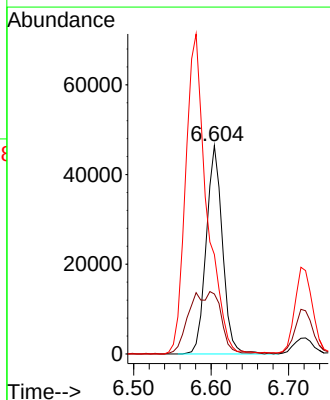
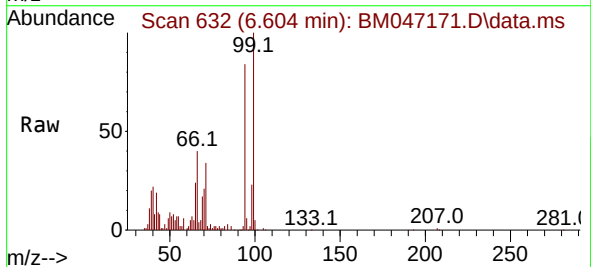
Manual Integrations
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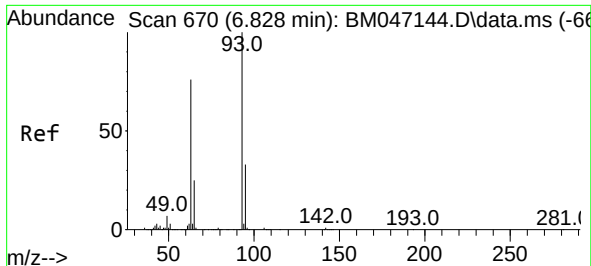
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 4.172 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 94 Resp: 67776
Ion Ratio Lower Upper
94 100
65 28.8 9.0 49.0
66 47.8 18.9 58.9





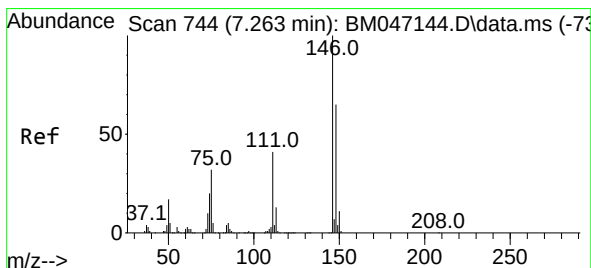
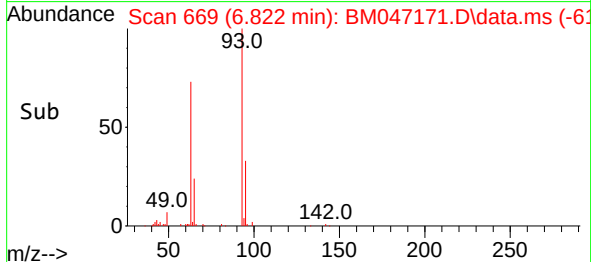
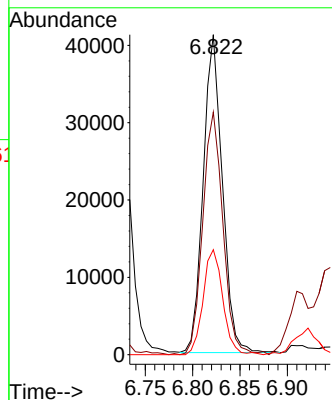
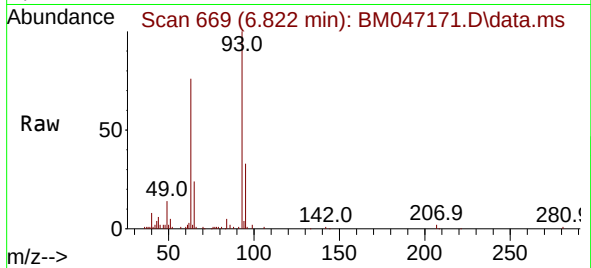
#11
bis(2-Chloroethyl)ether
Concen: 4.160 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion: 93 Resp: 5786
Ion Ratio Lower Upper
93 100
63 75.8 55.8 95.8
95 32.8 12.7 52.7

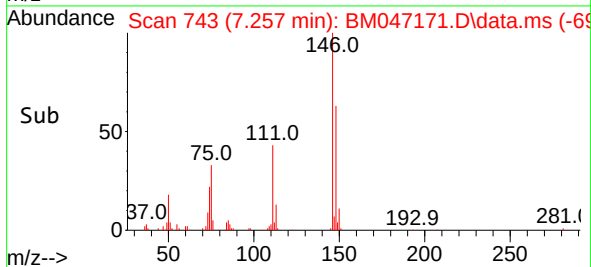
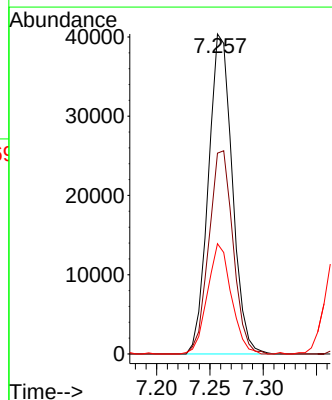
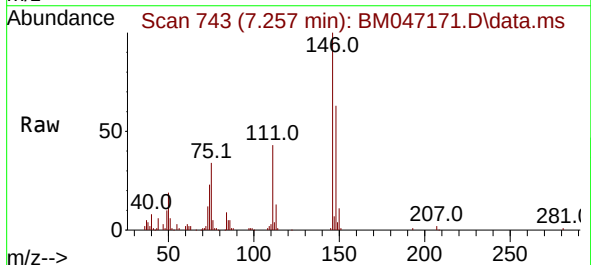
Manual Integrations
APPROVED

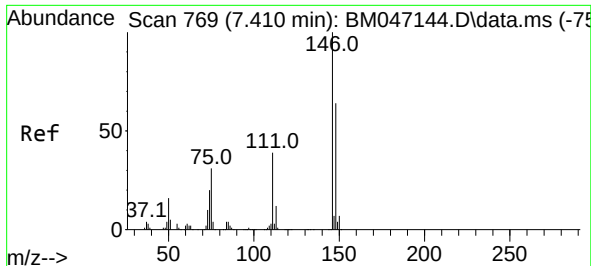
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 4.117 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion:146 Resp: 63045
Ion Ratio Lower Upper
146 100
148 62.8 52.3 78.5
75 34.5 25.8 38.6





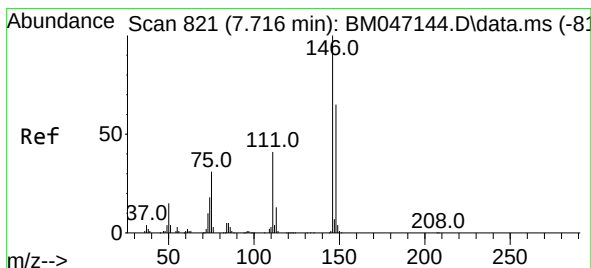
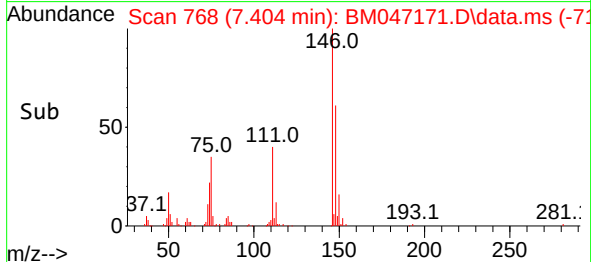
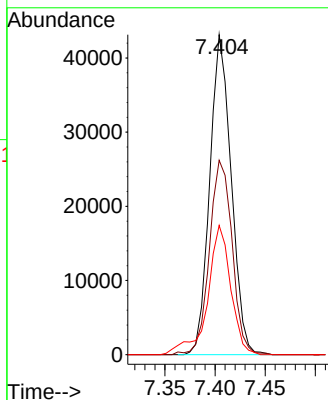
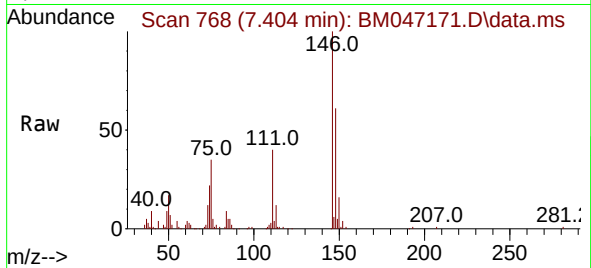
#13
1,4-Dichlorobenzene
Concen: 4.152 ng
RT: 7.404 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:146 Resp: 64362
Ion Ratio Lower Upper
146 100
148 60.7 51.4 77.2
111 40.4 31.5 47.3

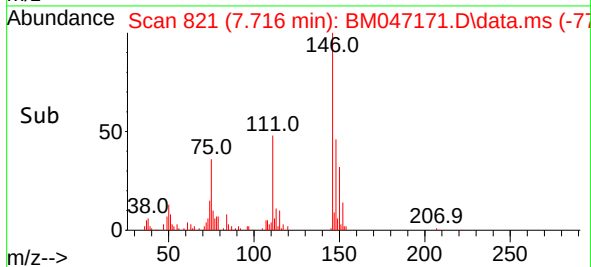
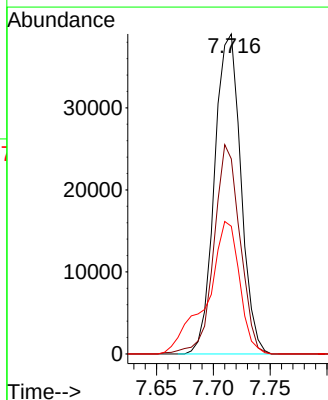
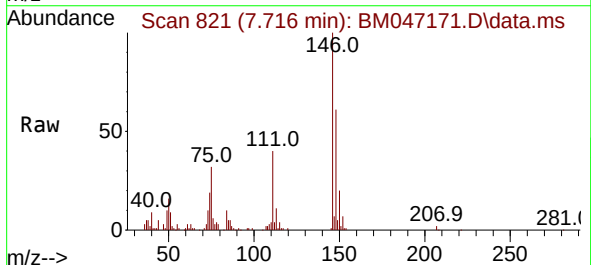
Manual Integrations
APPROVED

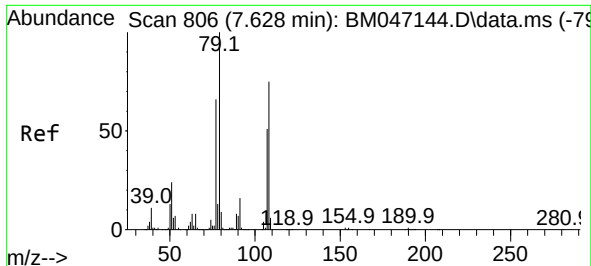
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 4.293 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

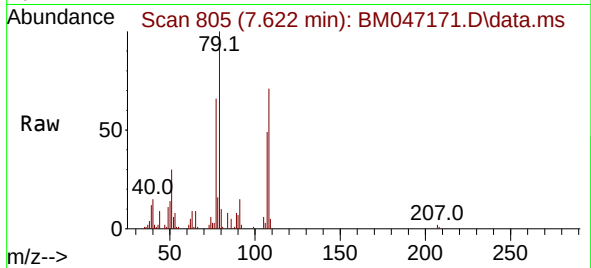
Tgt Ion:146 Resp: 62791
Ion Ratio Lower Upper
146 100
148 60.9 51.8 77.8
111 39.9 33.3 49.9





#15
Benzyl Alcohol
Concen: 3.613 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

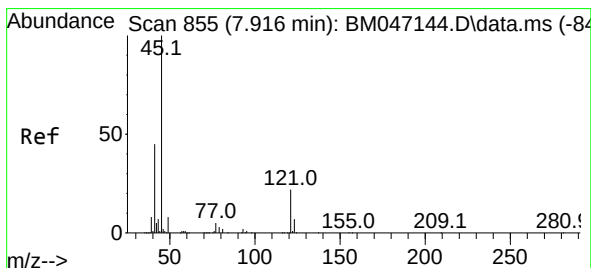
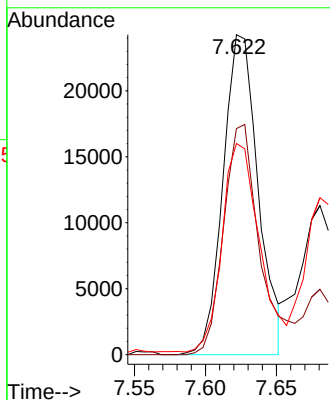
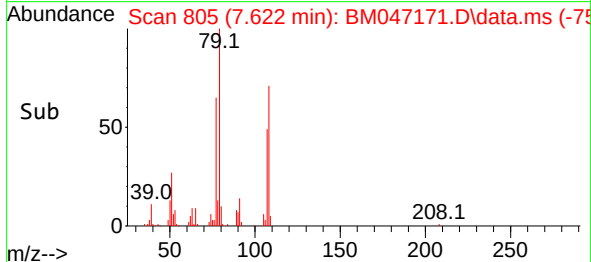
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



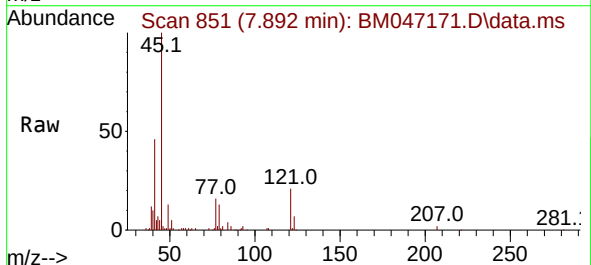
Tgt Ion: 79 Resp: 4185
Ion Ratio Lower Upper
79 100
108 70.6 59.7 89.5
77 66.0 52.9 79.3

Manual Integrations
APPROVED

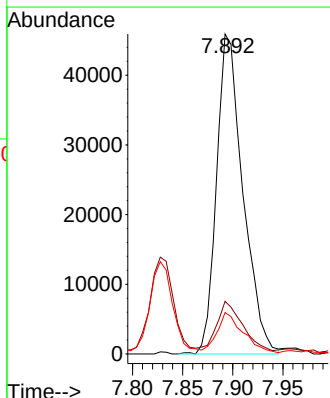
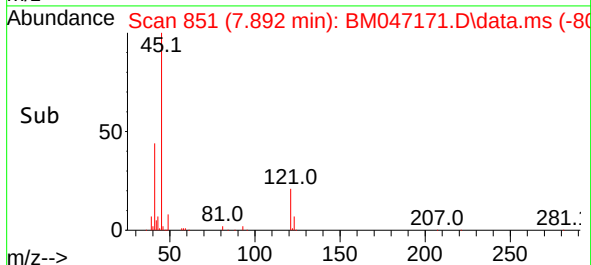
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

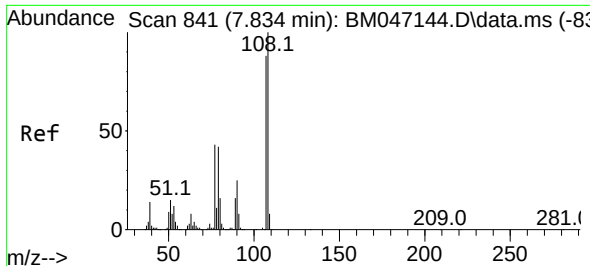


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.711 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



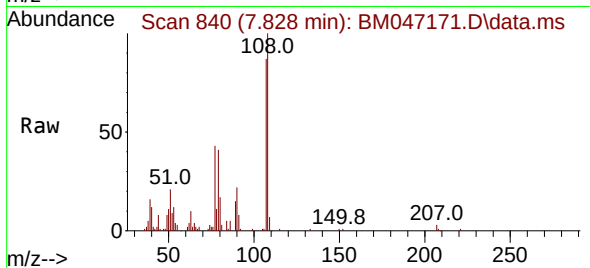
Tgt Ion: 45 Resp: 84098
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 13.0 0.0 32.4





#17
2-Methylphenol
Concen: 3.903 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

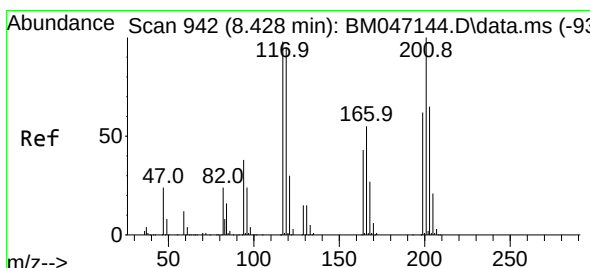
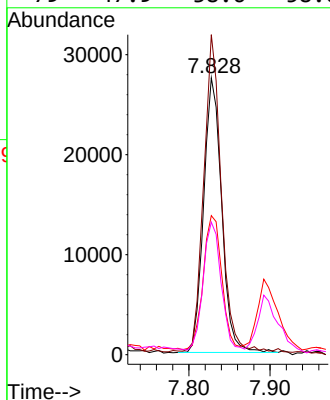
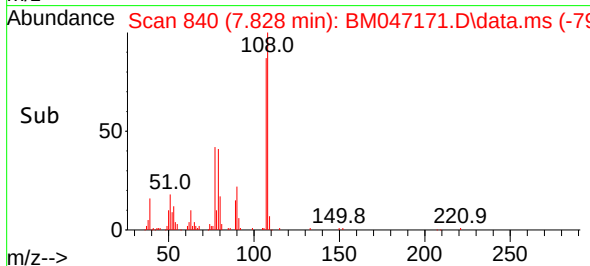
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:	107	Resp:	42294
Ion Ratio	Lower	Upper	
107	100		
108	115.6	90.6	135.8
77	50.2	39.3	58.9
79	47.9	38.6	58.0

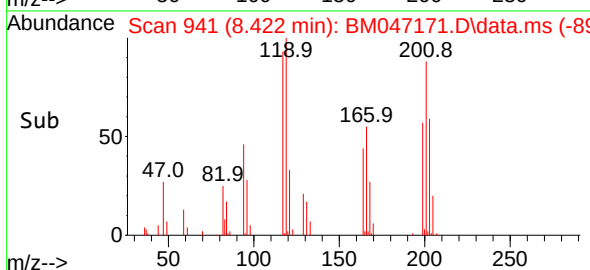
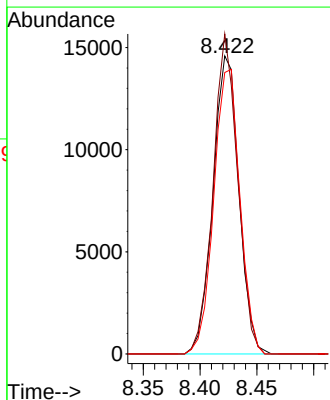
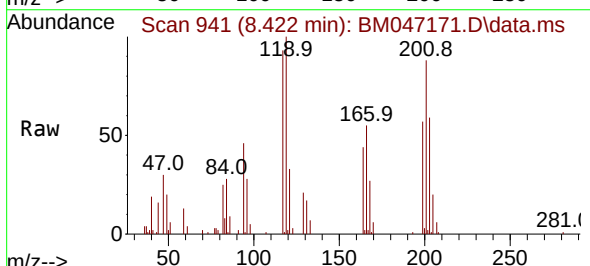
Manual Integrations
APPROVED

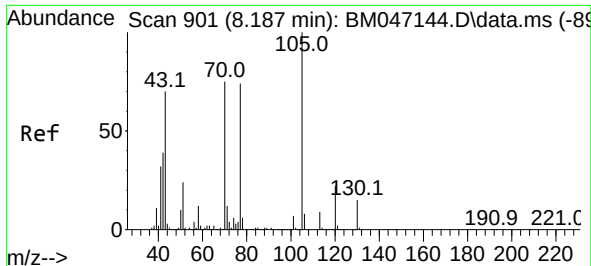
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 3.863 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

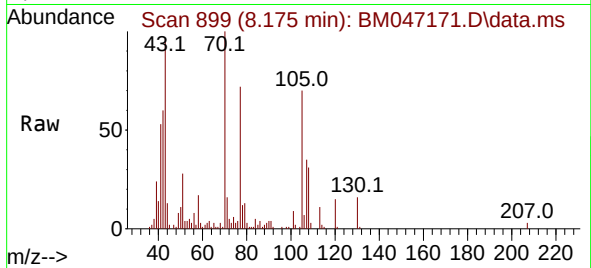
Tgt Ion:	117	Resp:	23199
Ion Ratio	Lower	Upper	
117	100		
119	107.4	77.0	115.4
201	94.4	81.3	121.9





#19
n-Nitroso-di-n-propylamine
Concen: 4.246 ng
RT: 8.175 min Scan# 899
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

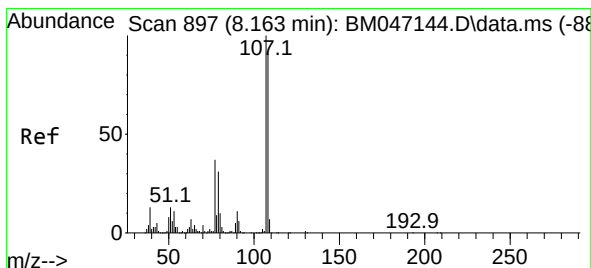
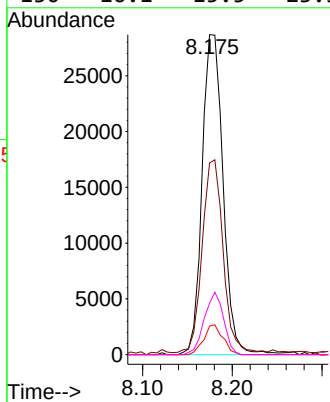
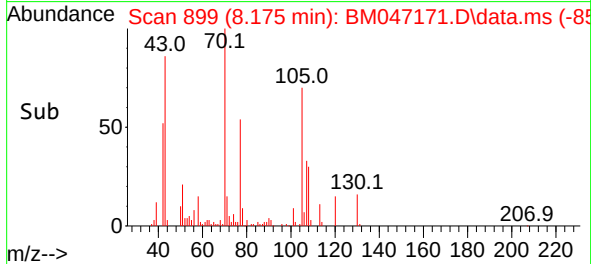
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 70 Resp: 4656
Ion Ratio Lower Upper
70 100
42 59.9 42.0 63.0
101 8.9 7.2 10.8
130 16.1 15.5 23.3

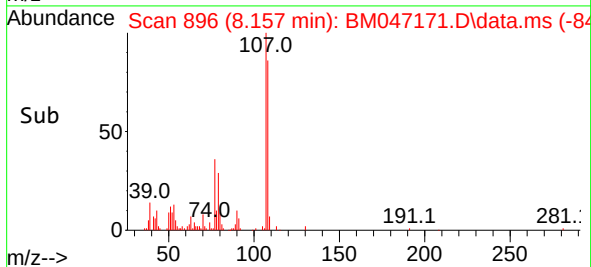
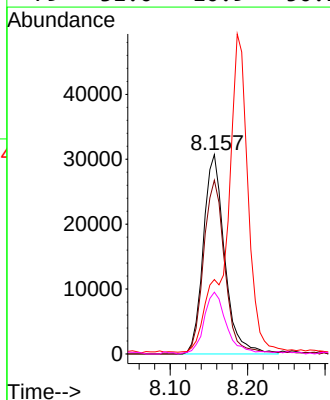
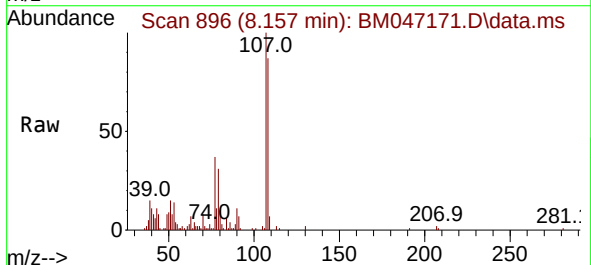
Manual Integrations
APPROVED

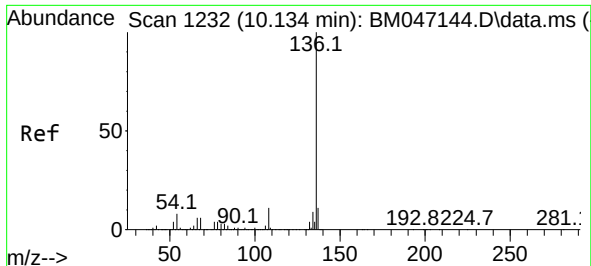
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#20
3+4-Methylphenols
Concen: 3.871 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

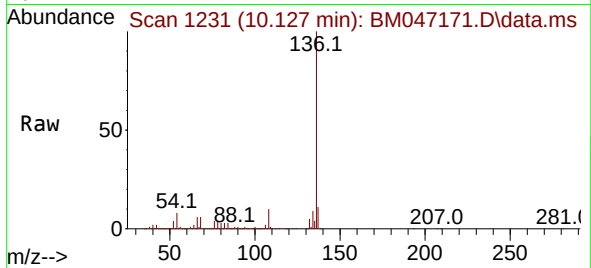
Tgt Ion:107 Resp: 58641
Ion Ratio Lower Upper
107 100
108 87.2 70.7 110.7
77 37.3 17.4 57.4
79 31.0 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.127 min Scan# 101
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

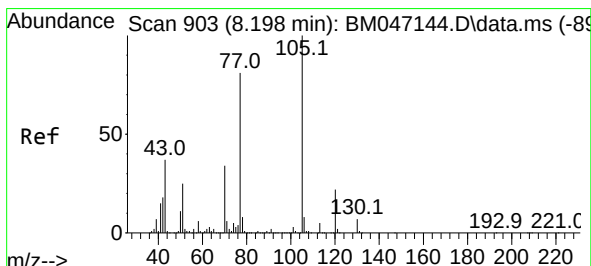
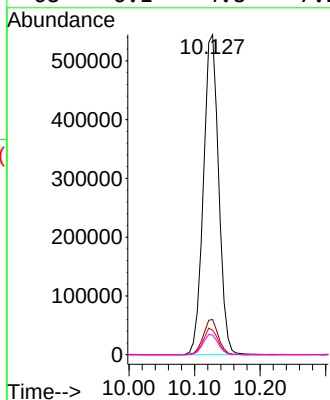
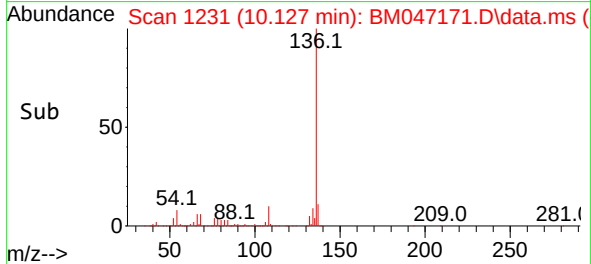
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:136 Resp: 88135
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 6.0 9.0
68 6.1 4.8 7.2

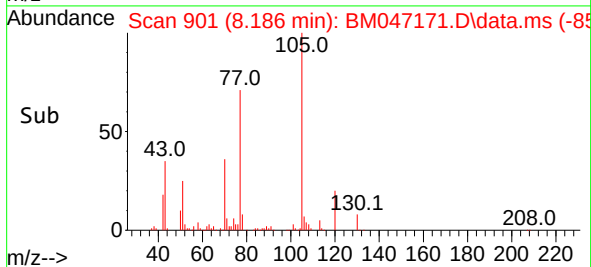
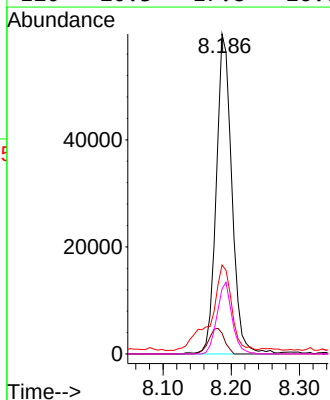
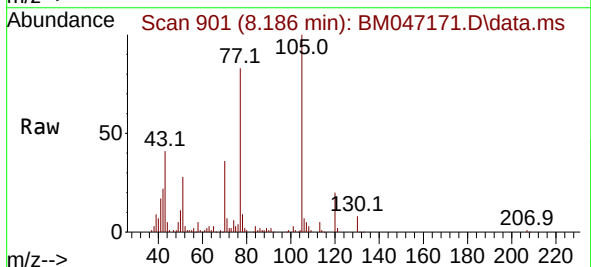
Manual Integrations
APPROVED

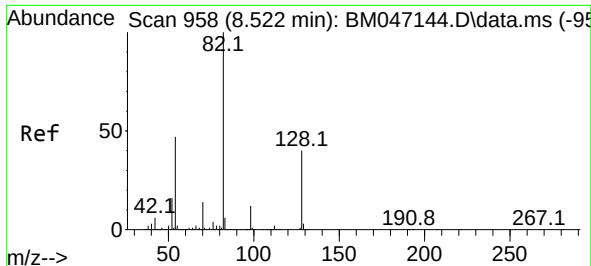
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 4.467 ng
RT: 8.186 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

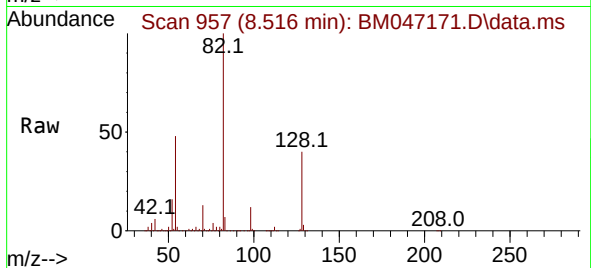
Tgt Ion:105 Resp: 95036
Ion Ratio Lower Upper
105 100
71 6.5 4.5 6.7
51 27.8 20.1 30.1
120 20.3 17.8 26.6





#23
Nitrobenzene-d5
Concen: 86.253 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

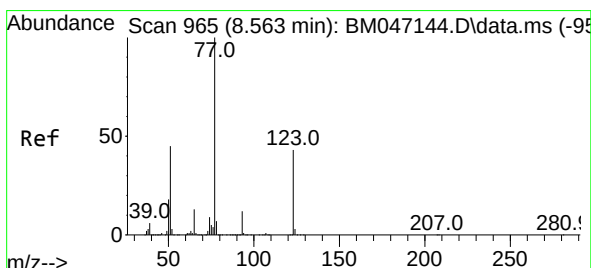
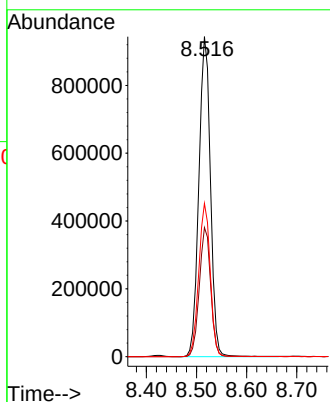
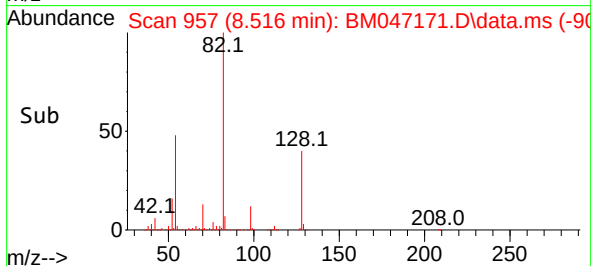
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



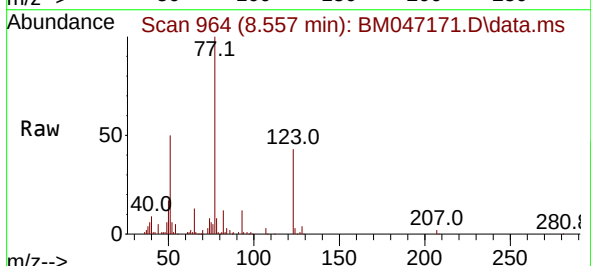
Tgt Ion: 82 Resp: 1509718
Ion Ratio Lower Upper
82 100
128 40.3 32.3 48.5
54 47.9 37.4 56.2

Manual Integrations
APPROVED

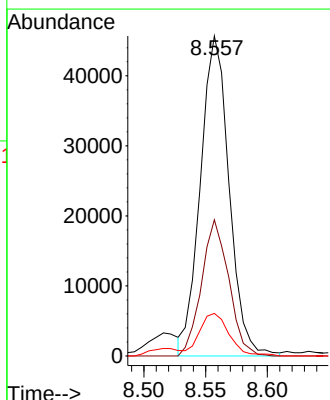
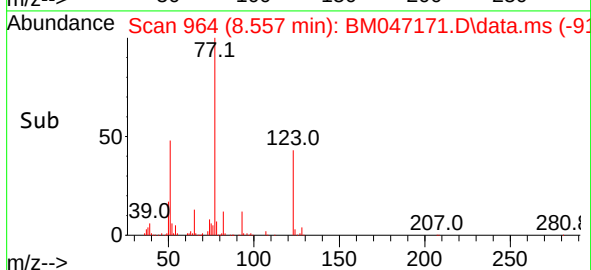
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

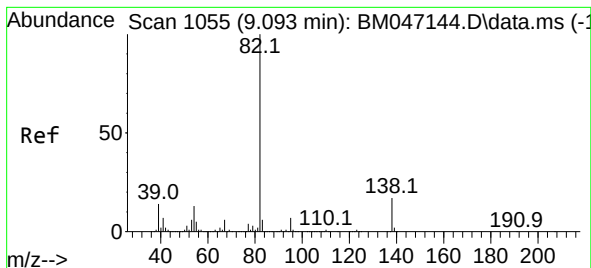


#24
Nitrobenzene
Concen: 4.200 ng m
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



Tgt Ion: 77 Resp: 74021
Ion Ratio Lower Upper
77 100
123 42.6 34.0 51.0
65 13.3 10.5 15.7





#25

Isophorone

Concen: 3.929 ng

RT: 9.080 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

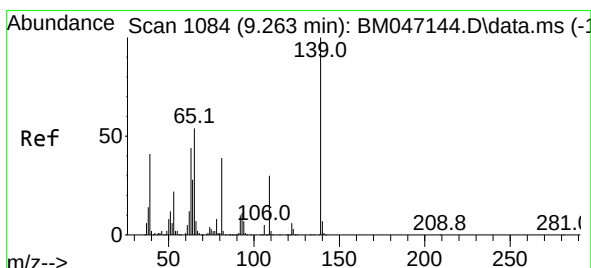
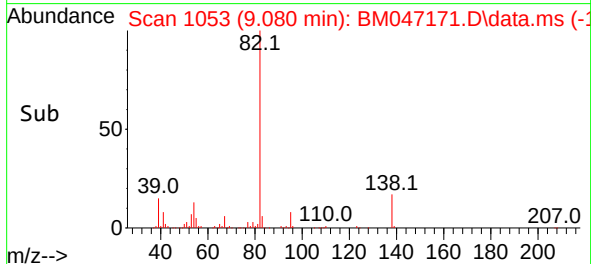
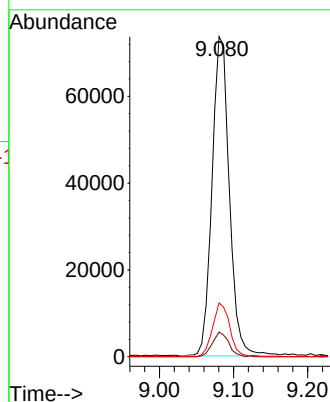
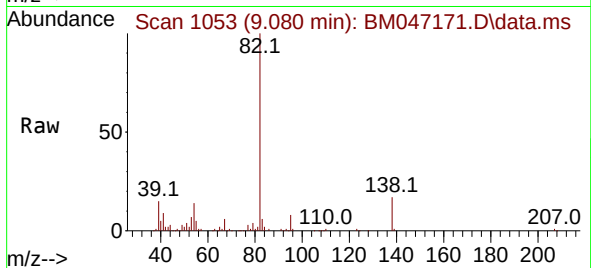
Tgt Ion: 82 Resp: 119730
 Ion Ratio Lower Upper
 82 100
 95 7.7 5.5 8.3
 138 16.8 13.5 20.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#26

2-Nitrophenol

Concen: 3.112 ng

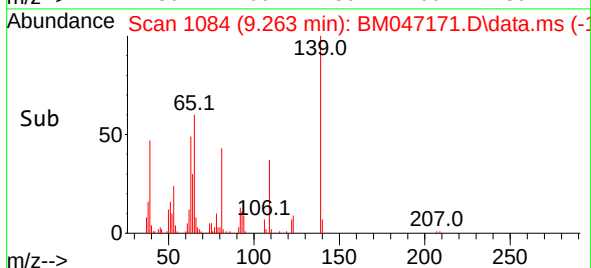
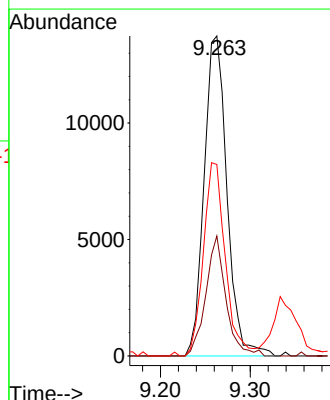
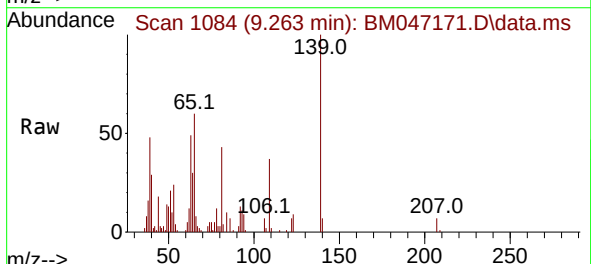
RT: 9.263 min Scan# 1084

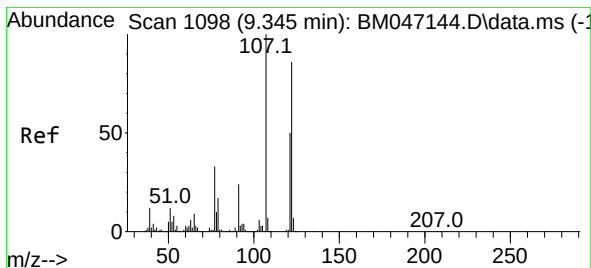
Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

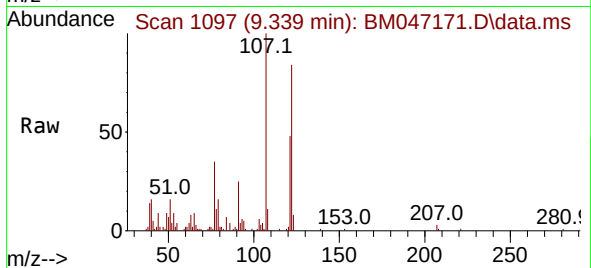
Tgt Ion:139 Resp: 24292
 Ion Ratio Lower Upper
 139 100
 109 37.5 24.4 36.6#
 65 59.8 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 3.553 ng
RT: 9.339 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

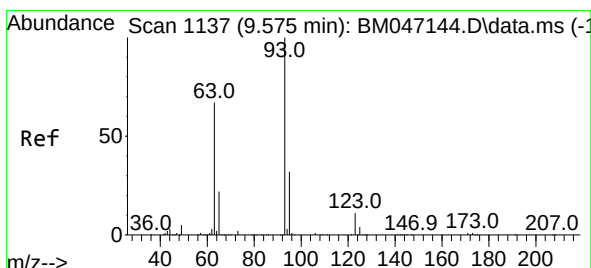
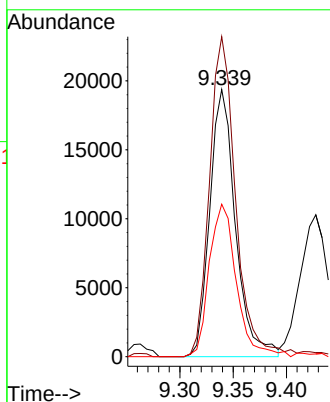
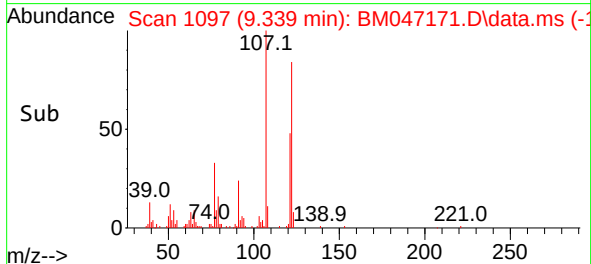
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:122 Resp: 32480
Ion Ratio Lower Upper
122 100
107 119.7 92.8 139.2
121 57.0 46.1 69.1

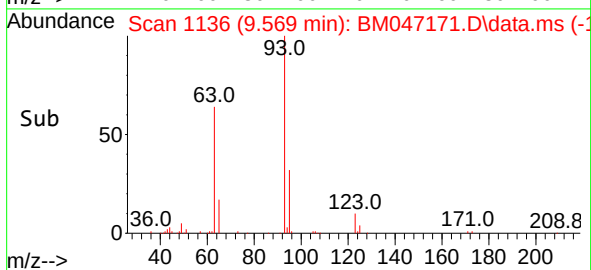
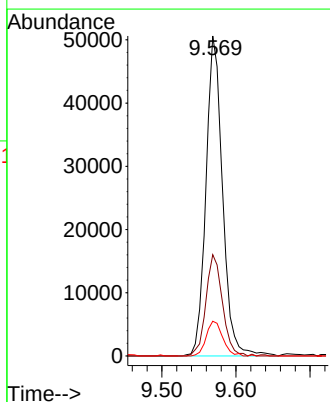
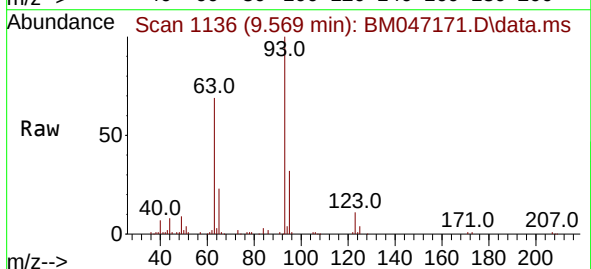
Manual Integrations
APPROVED

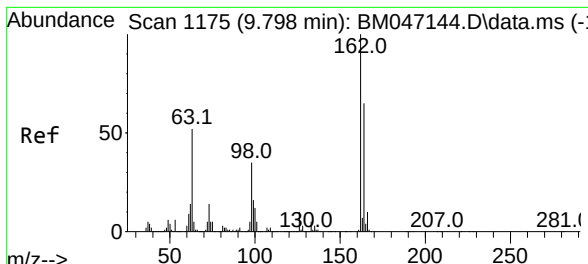
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.110 ng
RT: 9.569 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 93 Resp: 78822
Ion Ratio Lower Upper
93 100
95 31.7 25.8 38.8
123 10.9 9.0 13.4



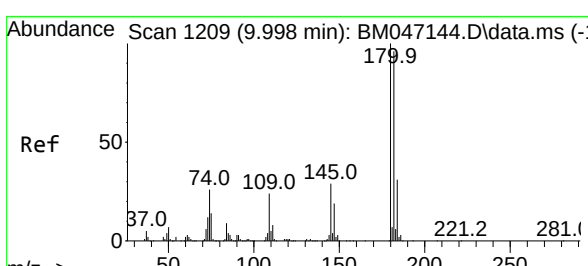
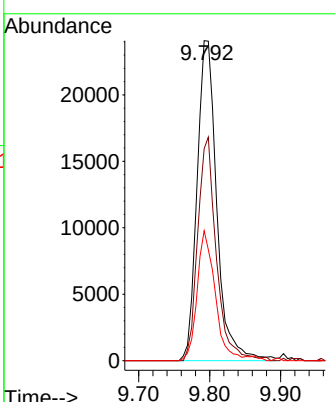
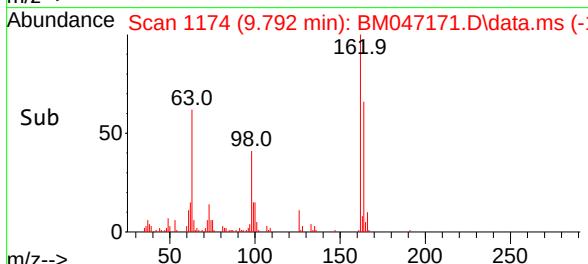
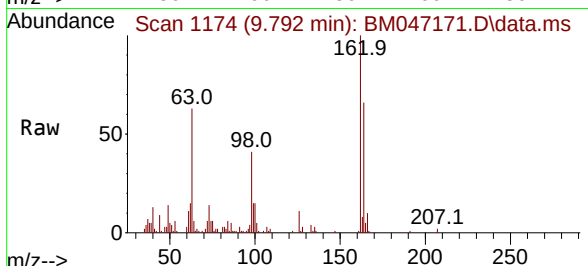


#29
 2,4-Dichlorophenol
 Concen: 3.443 ng
 RT: 9.792 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

Instrument : BNA_M
 ClientSampleId : MDL-WATER-03-QT3-2024

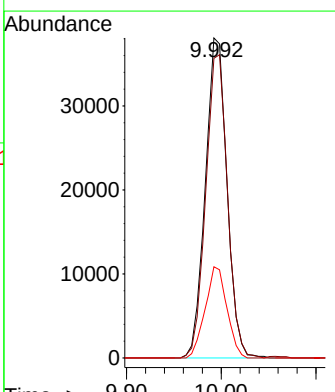
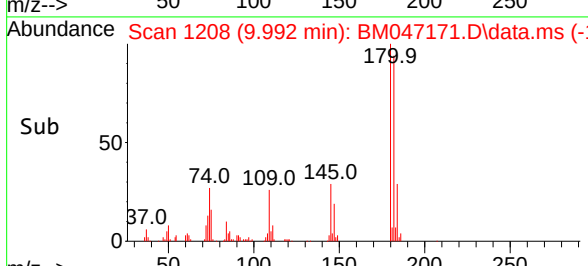
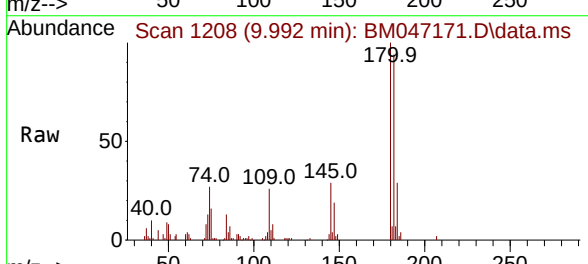
Tgt Ion:	162	Resp:	4671
Ion Ratio	Lower	Upper	
162	100		
164	66.3	44.7	84.7
98	40.6	14.9	54.9

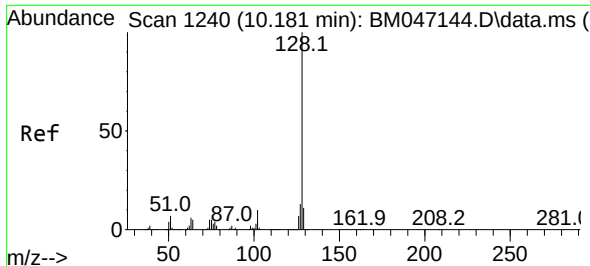
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#30
 1,2,4-Trichlorobenzene
 Concen: 3.945 ng
 RT: 9.992 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

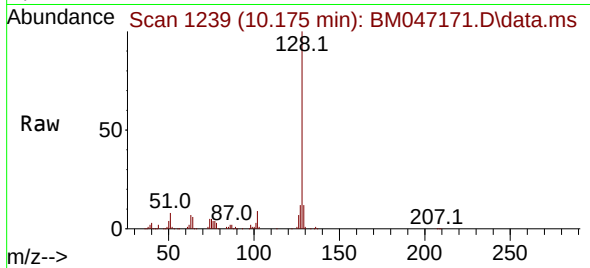
Tgt Ion:	180	Resp:	60574
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.6	115.0
145	28.5	23.4	35.2





#31
Naphthalene
Concen: 4.105 ng
RT: 10.175 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

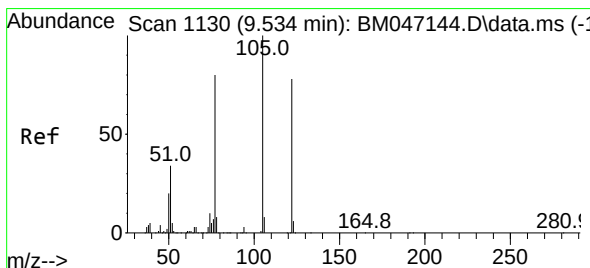
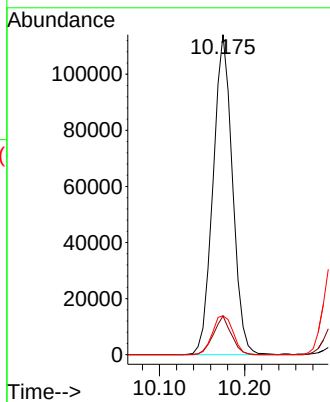
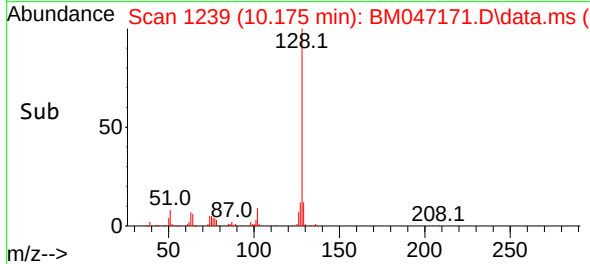
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



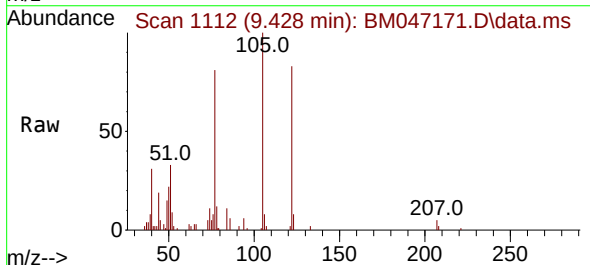
Tgt Ion:128 Resp: 180225
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 12.2 10.2 15.4

Manual Integrations
APPROVED

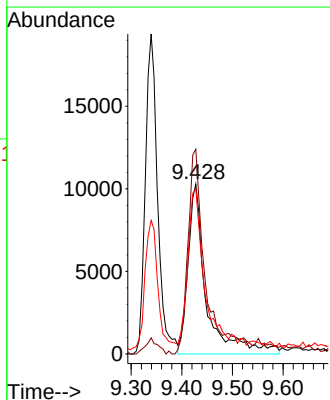
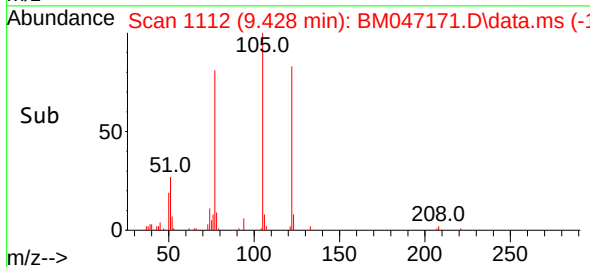
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

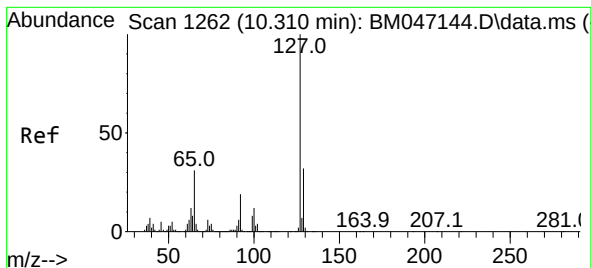


#32
Benzoic acid
Concen: 2.425 ng m
RT: 9.428 min Scan# 1112
Delta R.T. -0.106 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



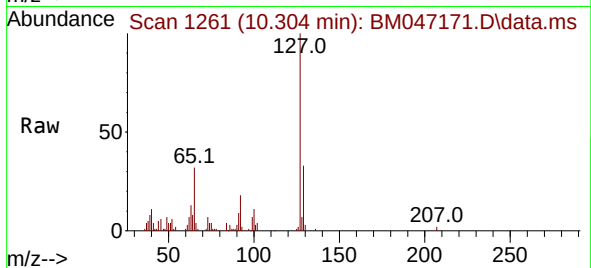
Tgt Ion:122 Resp: 25760
Ion Ratio Lower Upper
122 100
105 120.5 107.1 147.1
77 97.3 82.1 122.1





#33
4-Chloroaniline
Concen: 3.997 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

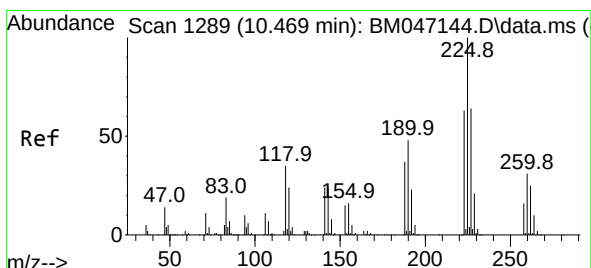
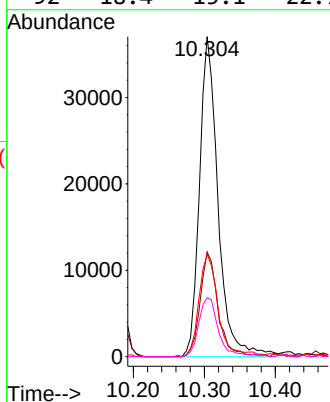
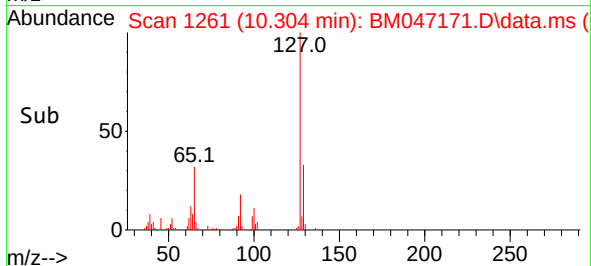
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	32.0	24.9	37.3
92	18.4	15.1	22.7

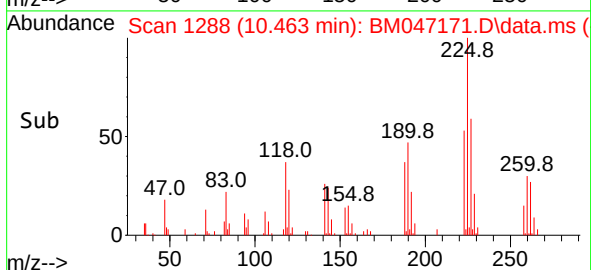
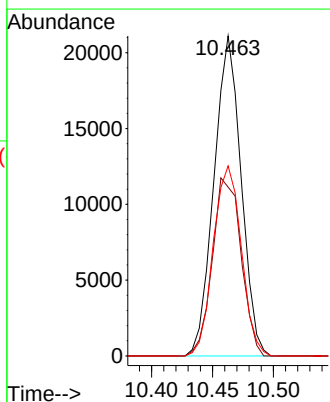
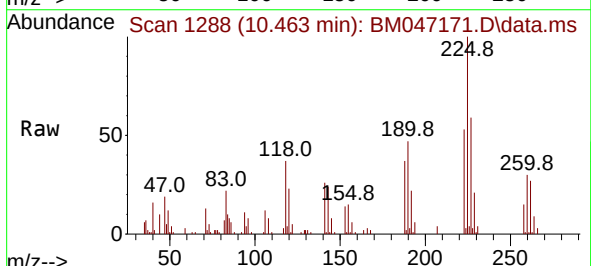
Manual Integrations
APPROVED

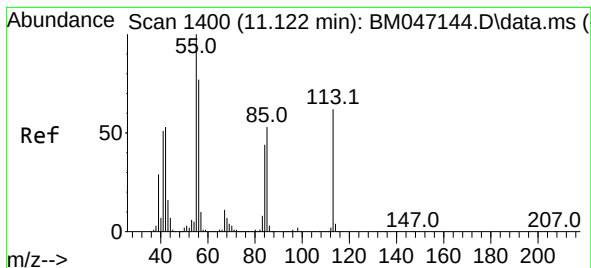
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 3.640 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	52.7	50.2	75.2
227	59.4	51.4	77.0





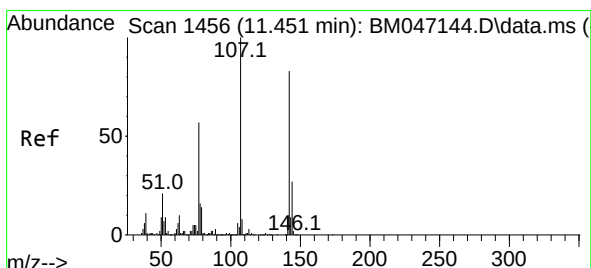
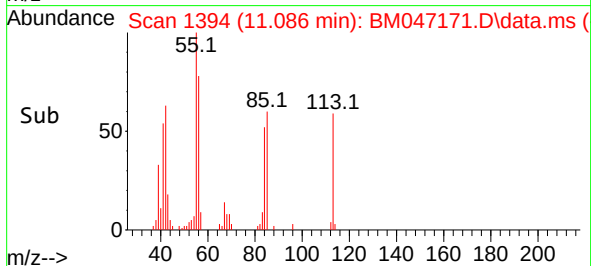
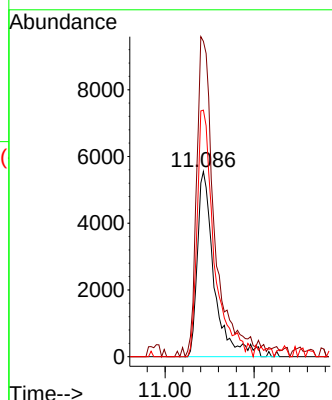
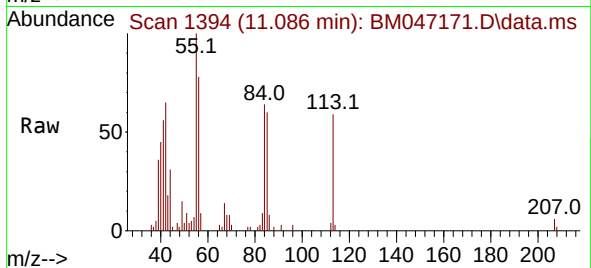
#35
Caprolactam
Concen: 3.099 ng m
RT: 11.086 min Scan# 113
Delta R.T. -0.036 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024

Tgt Ion:113 Resp: 1460
Ion Ratio Lower Upper
113 100
55 170.3 140.5 180.5
56 133.2 103.6 143.6

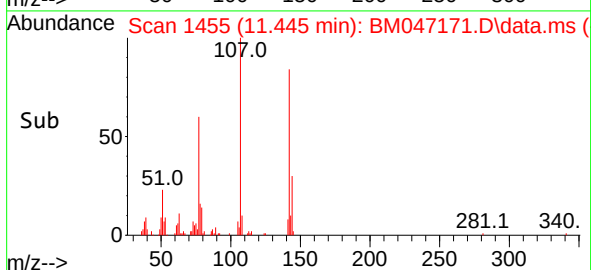
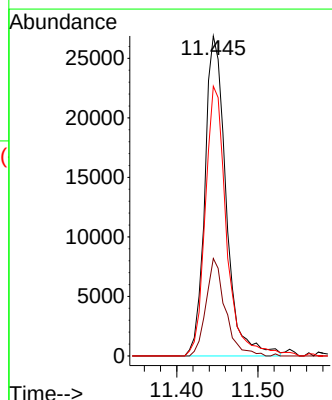
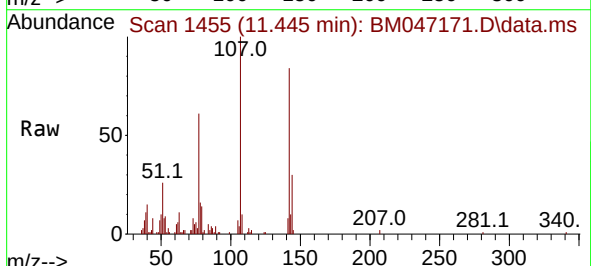
Manual Integrations
APPROVED

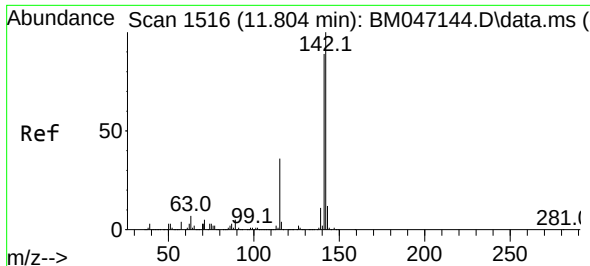
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 3.373 ng
RT: 11.445 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

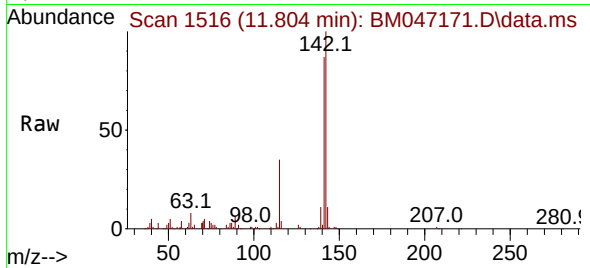
Tgt Ion:107 Resp: 48730
Ion Ratio Lower Upper
107 100
144 30.5 21.8 32.6
142 84.3 66.8 100.2





#37
2-Methylnaphthalene
Concen: 3.963 ng
RT: 11.804 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

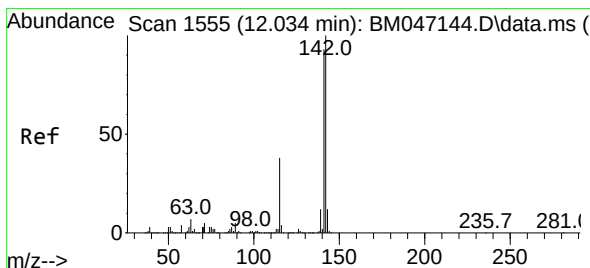
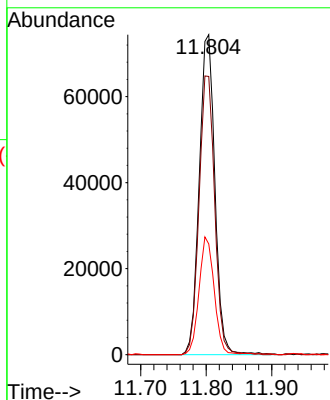
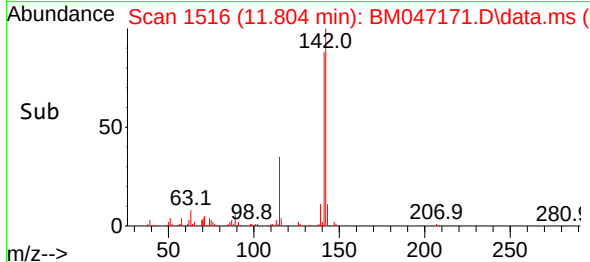
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:142 Resp: 123890
Ion Ratio Lower Upper
142 100
141 86.9 70.9 106.3
115 34.6 28.7 43.1

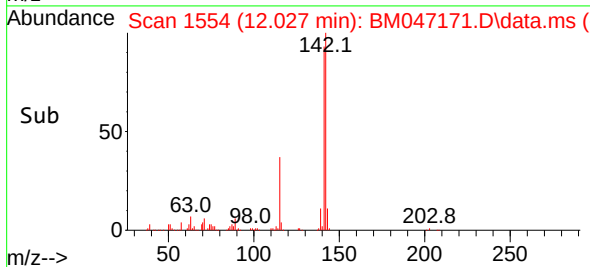
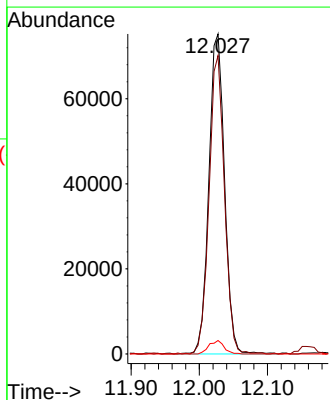
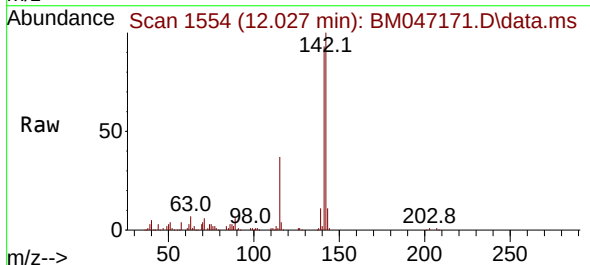
Manual Integrations
APPROVED

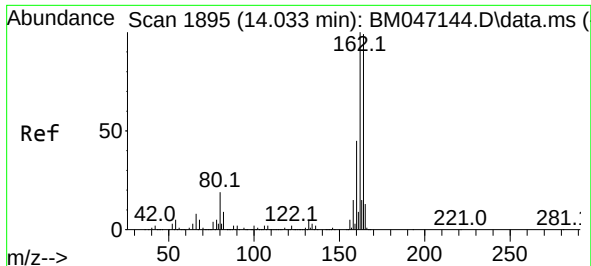
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#38
1-Methylnaphthalene
Concen: 3.904 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

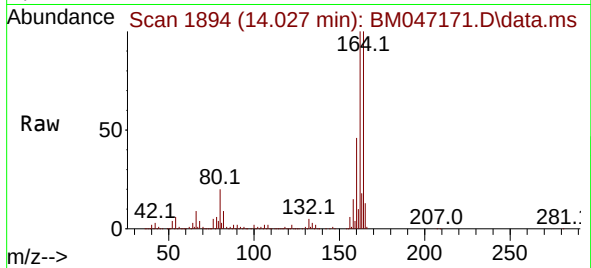
Tgt Ion:142 Resp: 120619
Ion Ratio Lower Upper
142 100
141 93.2 74.6 111.8
116 4.2 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

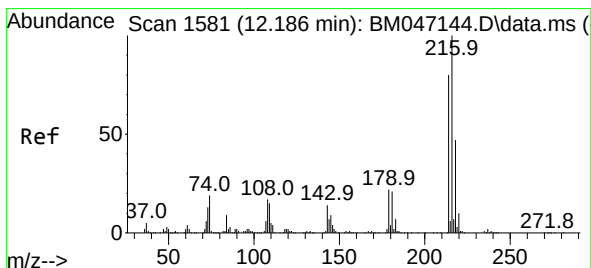
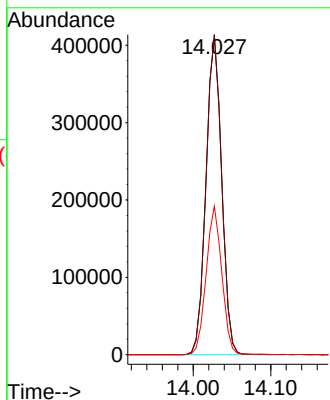
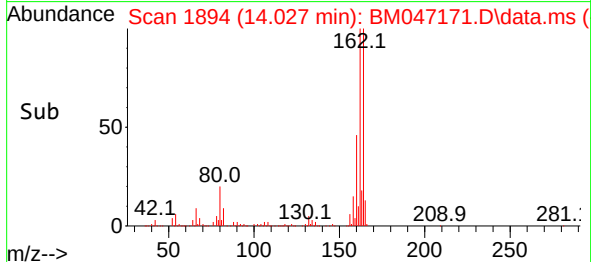
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:164 Resp: 578630
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 46.5 36.0 54.0

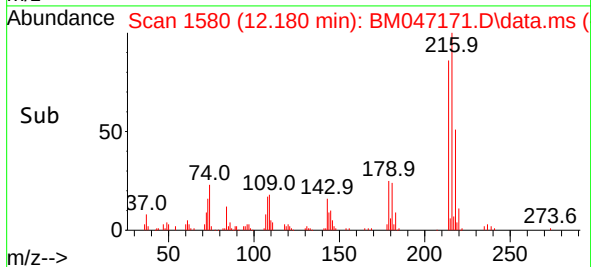
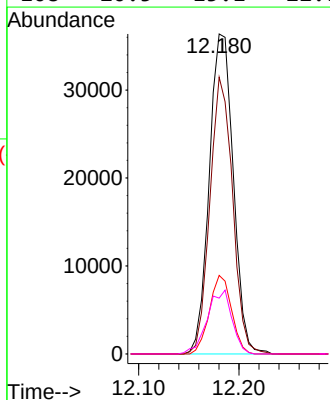
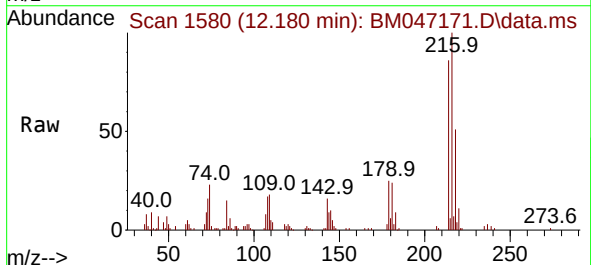
Manual Integrations
APPROVED

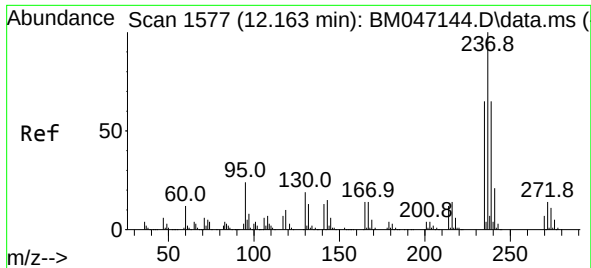
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.841 ng
RT: 12.180 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

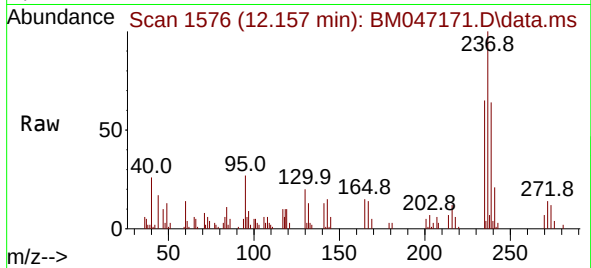
Tgt Ion:216 Resp: 60617
Ion Ratio Lower Upper
216 100
214 81.5 63.4 95.2
179 22.6 17.6 26.4
108 20.5 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 3.782 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

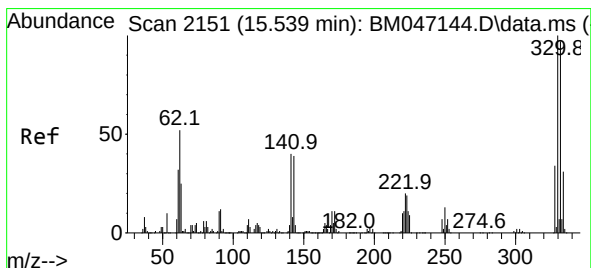
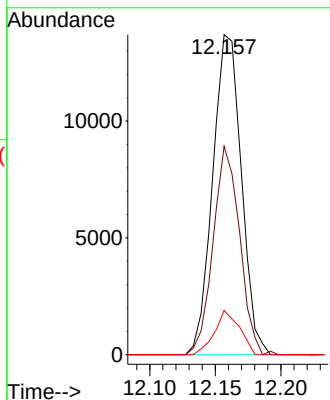
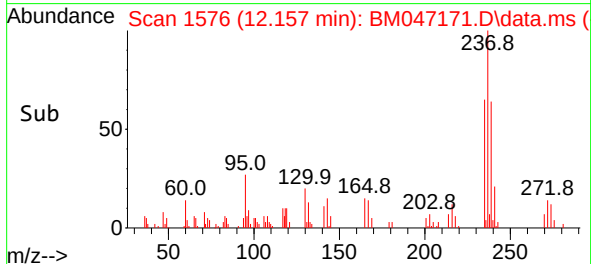
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



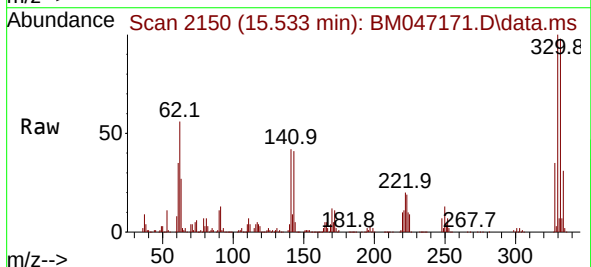
Tgt Ion: 237 Resp: 2084
Ion Ratio Lower Upper
237 100
235 65.1 44.8 84.8
272 13.8 0.0 33.5

Manual Integrations
APPROVED

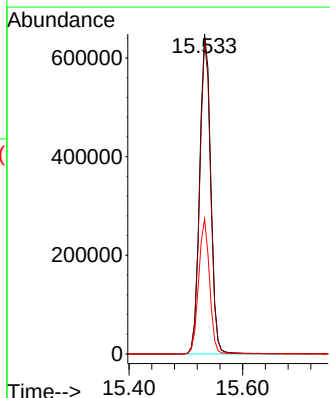
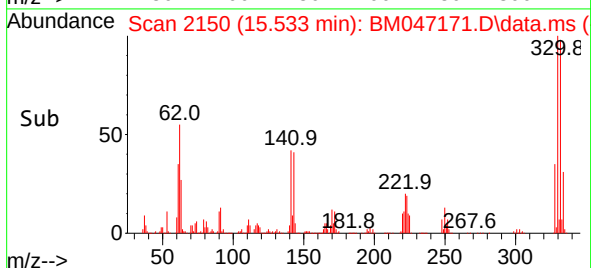
Reviewed By : Yogesh Patel 08/14/2024
Supervised By : mohammad ahmed 08/14/2024

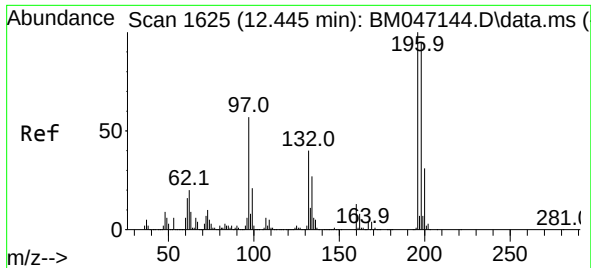


#42
2,4,6-Tribromophenol
Concen: 131.386 ng
RT: 15.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



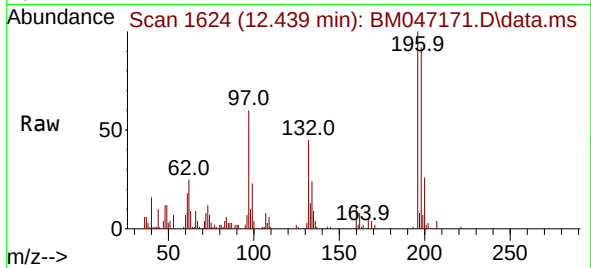
Tgt Ion: 330 Resp: 881506
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 41.2 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 3.262 ng
RT: 12.439 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

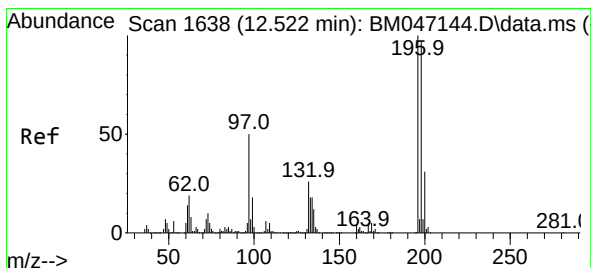
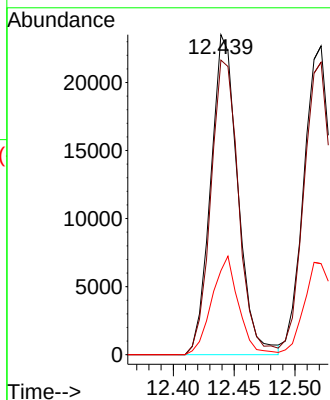
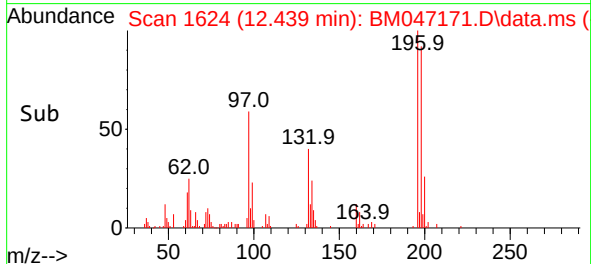
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



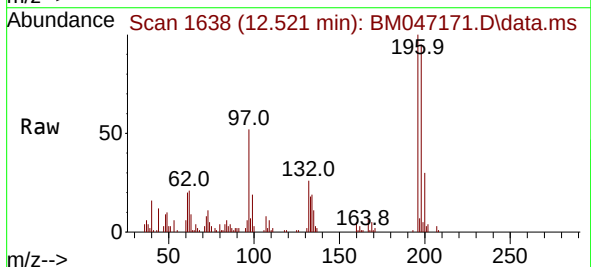
Tgt Ion:196 Resp: 3659
Ion Ratio Lower Upper
196 100
198 92.0 75.6 113.4
200 26.2 24.6 37.0

Manual Integrations
APPROVED

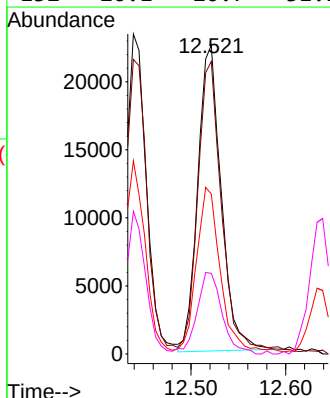
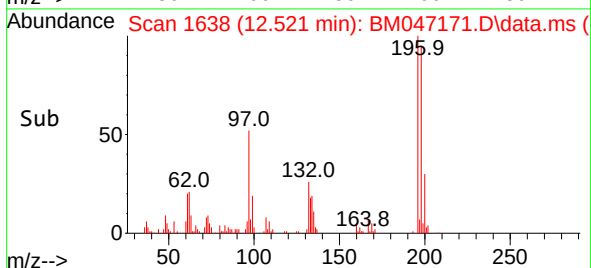
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

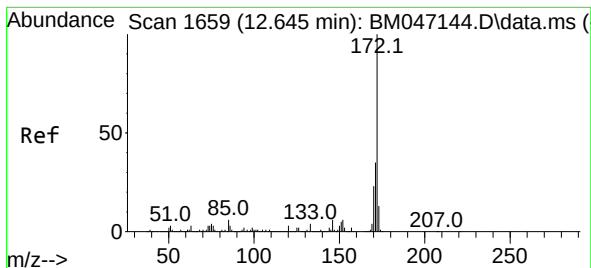


#44
2,4,5-Trichlorophenol
Concen: 3.103 ng
RT: 12.521 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



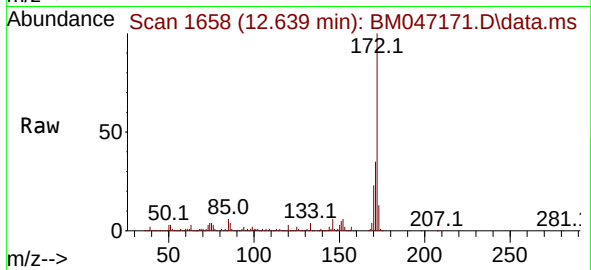
Tgt Ion:196 Resp: 38653
Ion Ratio Lower Upper
196 100
198 94.7 77.7 116.5
97 51.8 39.8 59.8
132 26.1 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 83.005 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

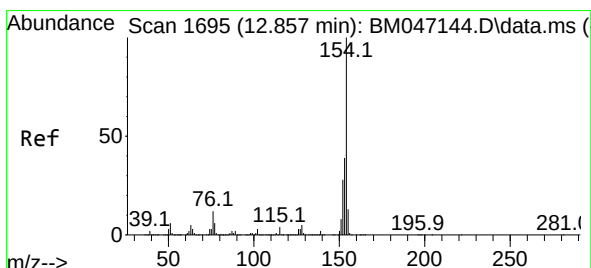
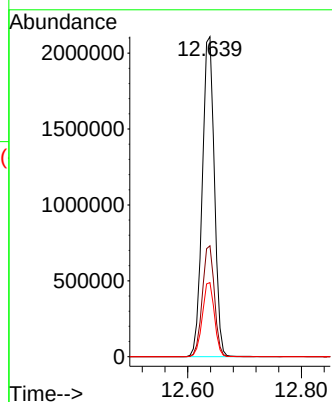
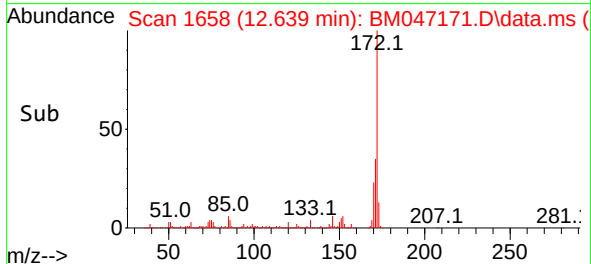
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



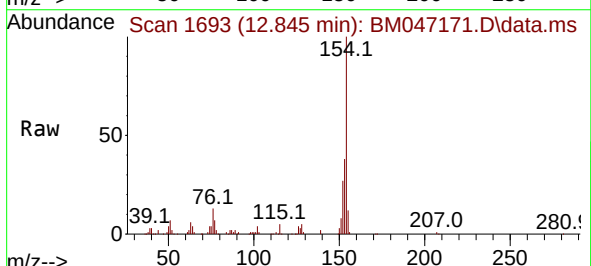
Tgt Ion:172 Resp: 3113659
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.7 28.1

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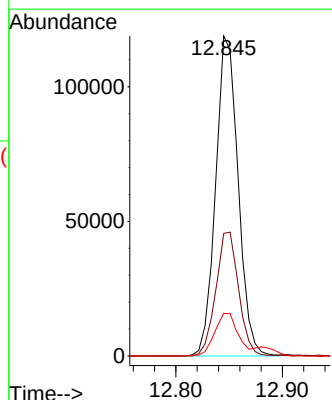
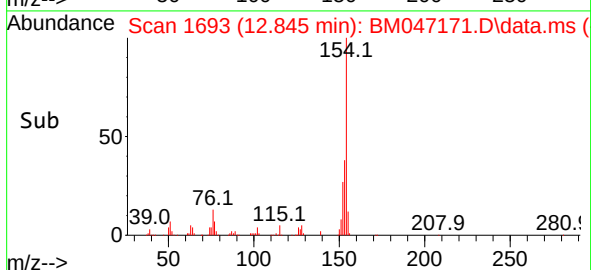
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

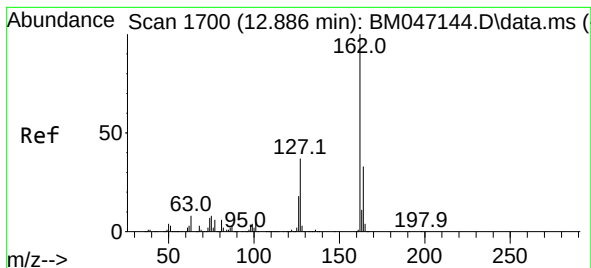


#46
1,1'-Biphenyl
Concen: 4.222 ng
RT: 12.845 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



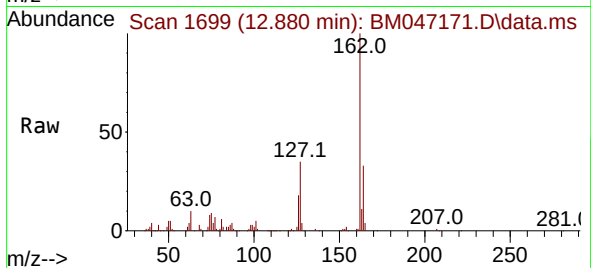
Tgt Ion:154 Resp: 173900
Ion Ratio Lower Upper
154 100
153 38.3 19.0 59.0
76 13.3 0.0 31.9





#47
2-Chloronaphthalene
Concen: 4.122 ng
RT: 12.880 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

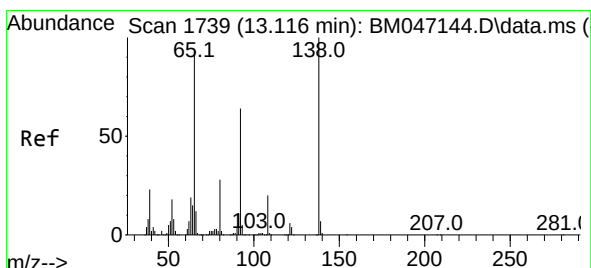
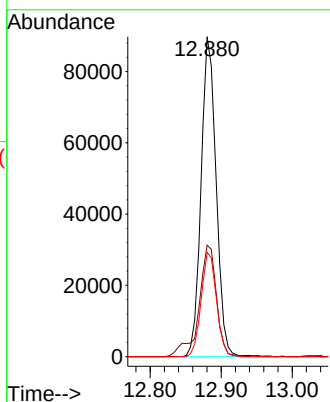
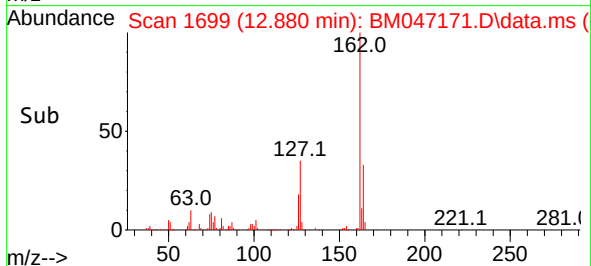
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:162 Resp: 13270
Ion Ratio Lower Upper
162 100
127 34.8 30.0 45.0
164 32.6 26.3 39.5

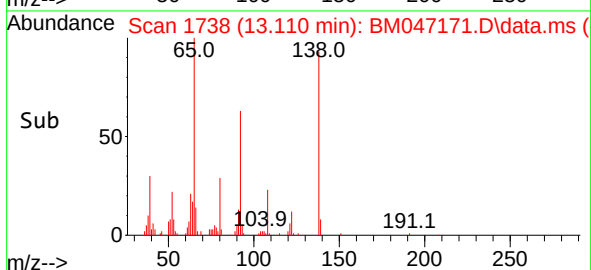
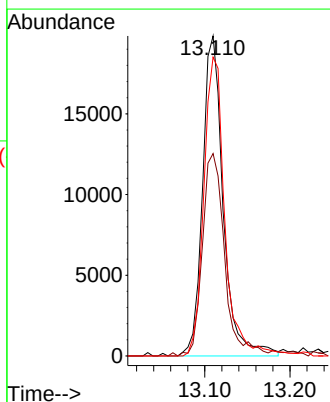
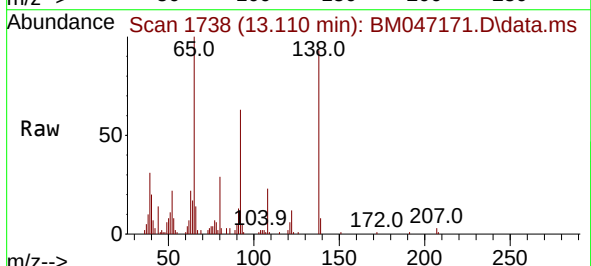
Manual Integrations
APPROVED

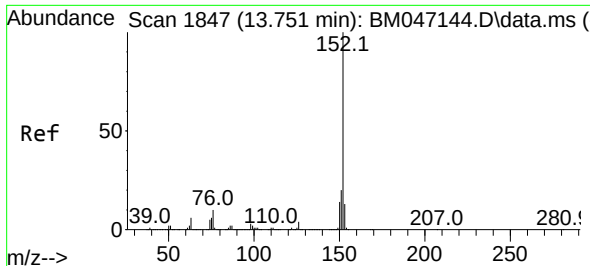
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#48
2-Nitroaniline
Concen: 3.311 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

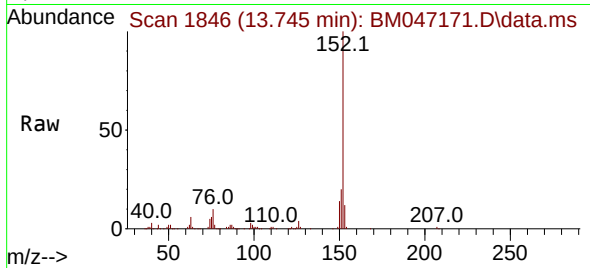
Tgt Ion: 65 Resp: 33399
Ion Ratio Lower Upper
65 100
92 63.2 55.1 82.7
138 93.4 85.9 128.9





#49
Acenaphthylene
Concen: 4.289 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

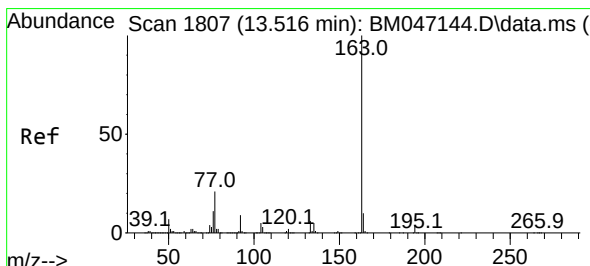
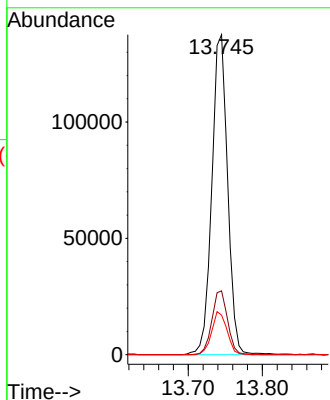
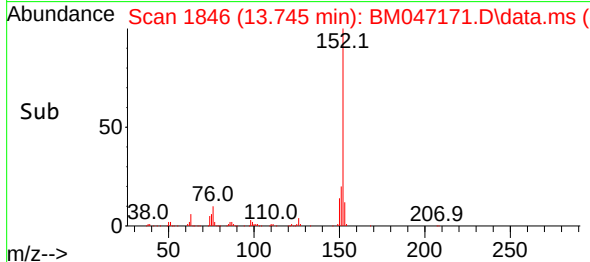
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:152 Resp: 20354
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 12.3 10.4 15.6

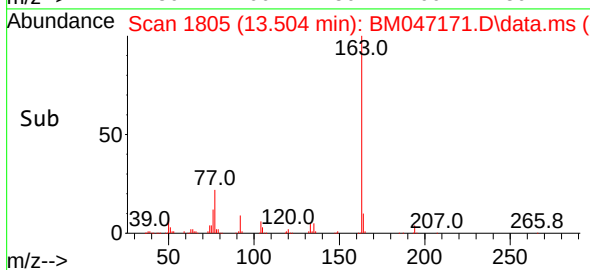
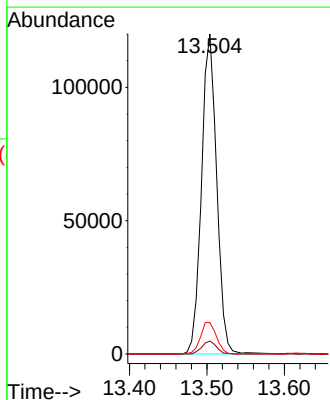
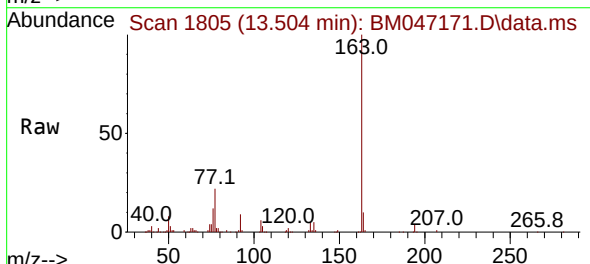
Manual Integrations
APPROVED

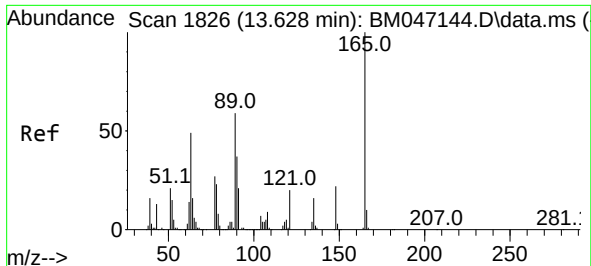
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#50
Dimethylphthalate
Concen: 4.042 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

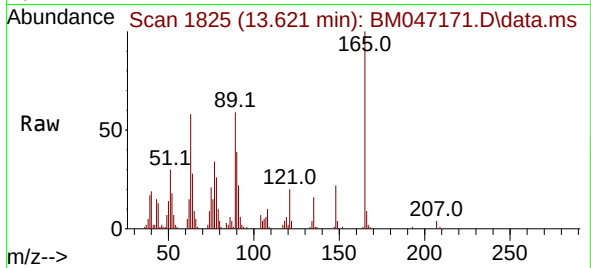
Tgt Ion:163 Resp: 163327
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 3.297 ng
RT: 13.621 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

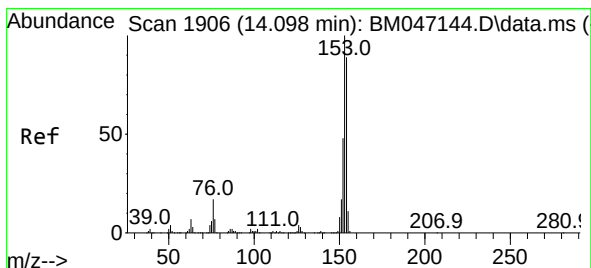
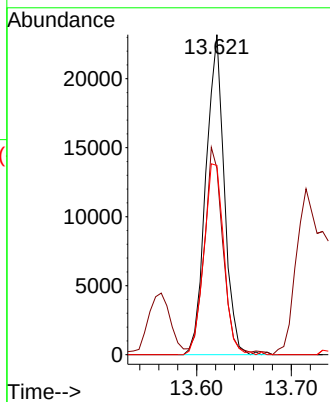
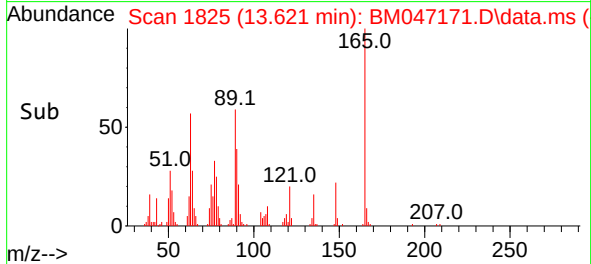
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:165 Resp: 31140
Ion Ratio Lower Upper
165 100
63 58.2 46.5 69.7
89 59.2 47.3 70.9

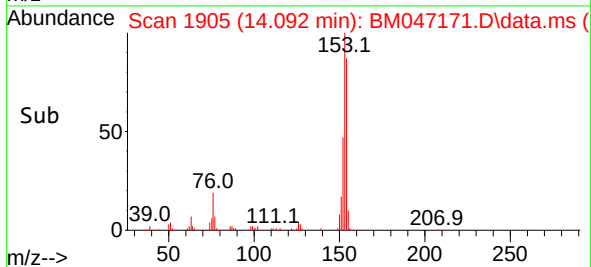
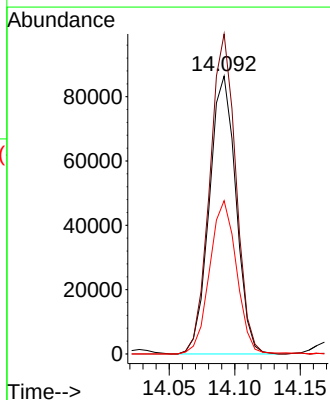
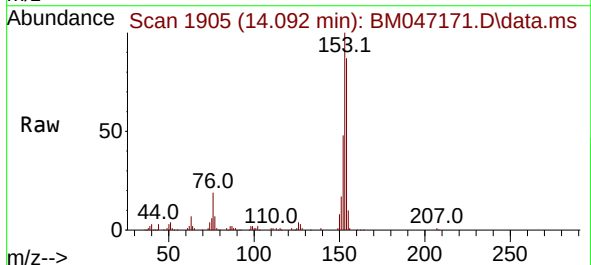
Manual Integrations
APPROVED

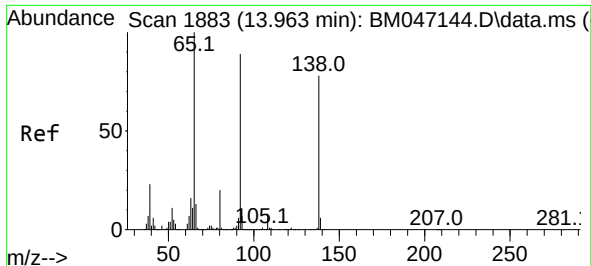
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 4.054 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

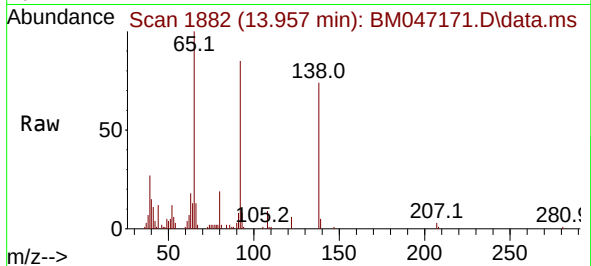
Tgt Ion:154 Resp: 122032
Ion Ratio Lower Upper
154 100
153 115.2 90.3 135.5
152 55.1 42.9 64.3





#53
3-Nitroaniline
Concen: 3.333 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

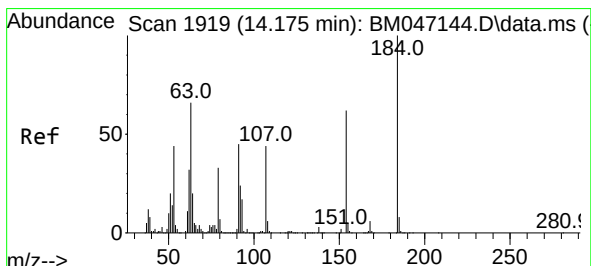
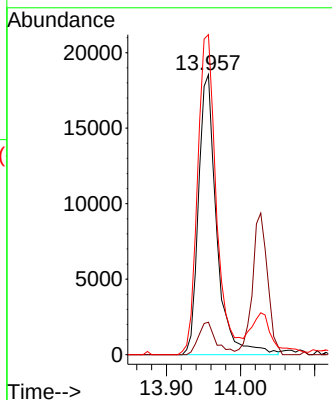
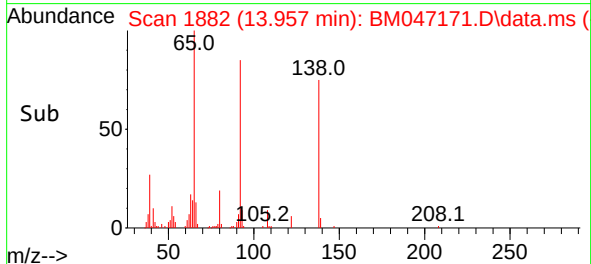
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:138 Resp: 31549
Ion Ratio Lower Upper
138 100
108 11.6 7.9 11.9
92 114.3 92.0 138.0

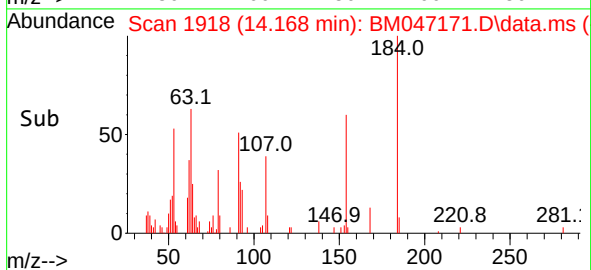
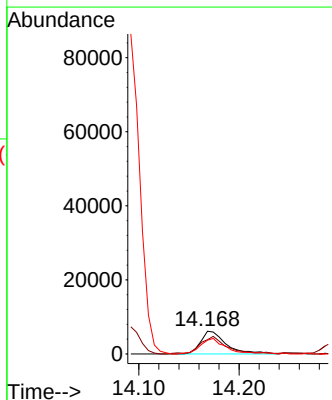
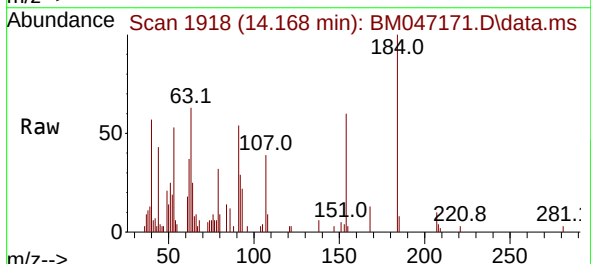
Manual Integrations
APPROVED

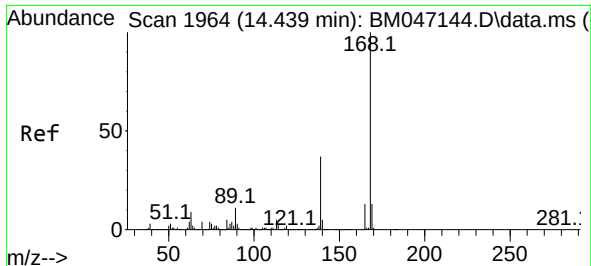
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 1.907 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

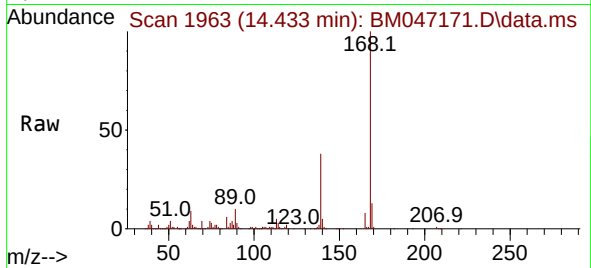
Tgt Ion:184 Resp: 10799
Ion Ratio Lower Upper
184 100
63 62.5 52.7 79.1
154 60.3 50.4 75.6





#55
Dibenzenofuran
Concen: 4.311 ng
RT: 14.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

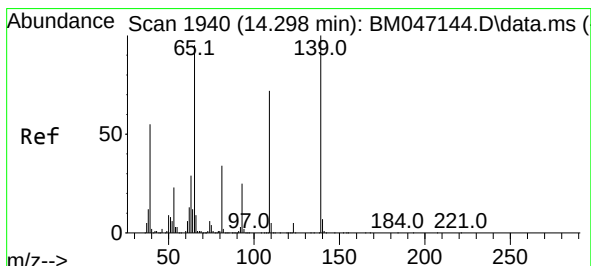
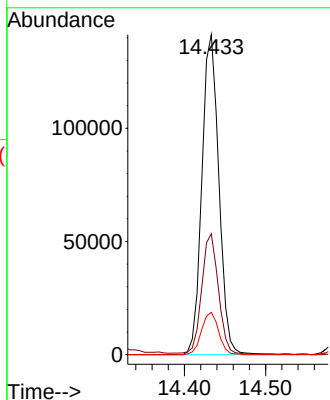
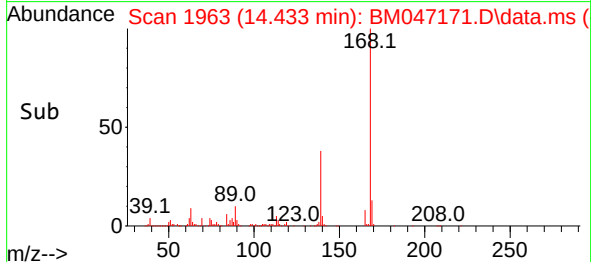
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:168 Resp: 20498
Ion Ratio Lower Upper
168 100
139 37.8 29.6 44.4
169 13.3 10.7 16.1

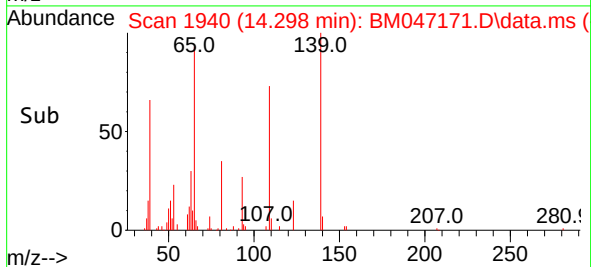
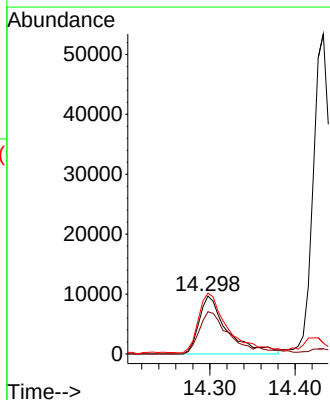
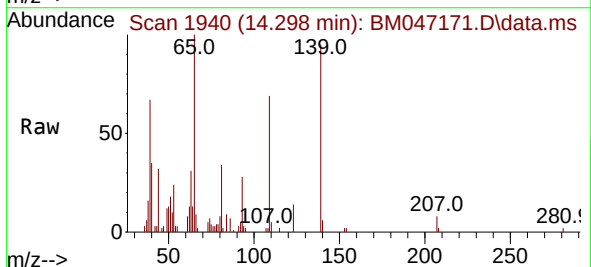
Manual Integrations
APPROVED

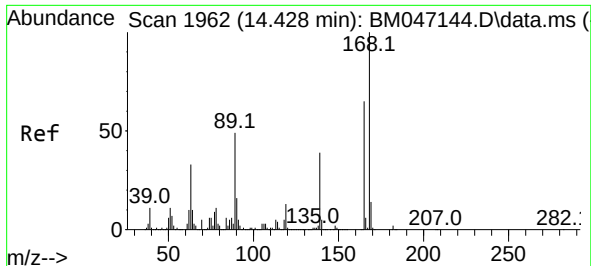
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 2.733 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

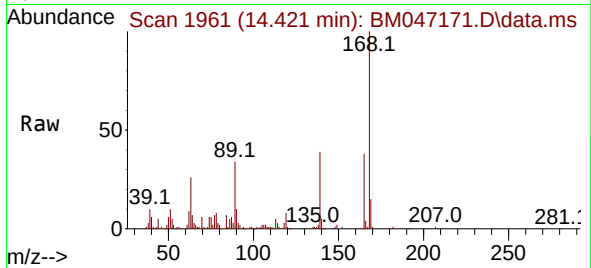
Tgt Ion:139 Resp: 22309
Ion Ratio Lower Upper
139 100
109 73.0 52.5 92.5
65 105.0 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 3.151 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

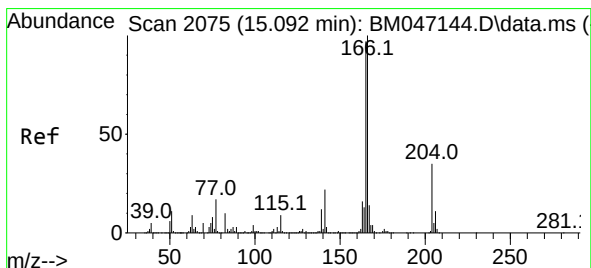
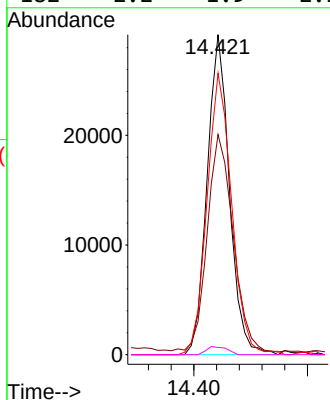
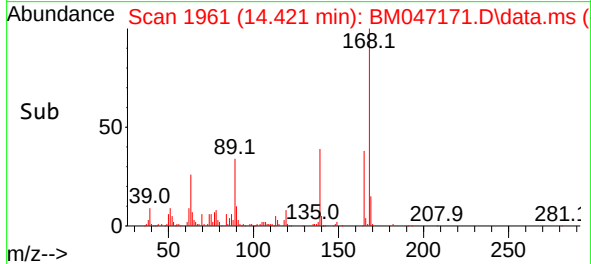
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2024



Tgt Ion:165 Resp: 39730
Ion Ratio Lower Upper
165 100
63 68.8 40.3 60.5
89 87.9 61.0 91.6
182 2.2 1.9 2.9

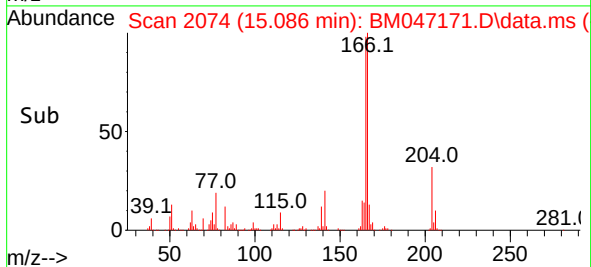
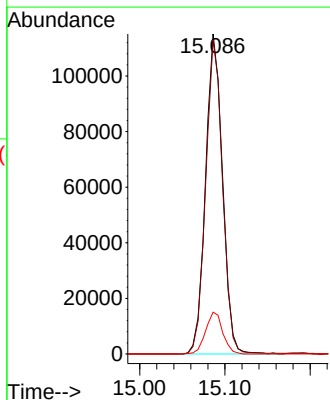
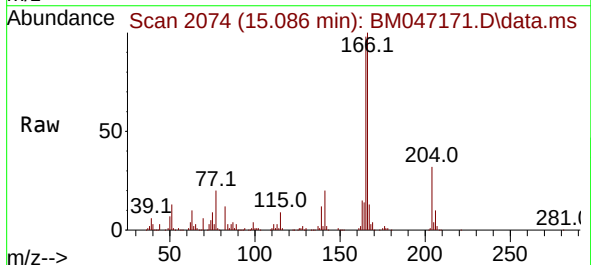
Manual Integrations
APPROVED

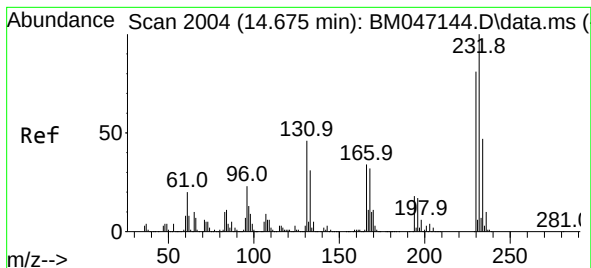
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 4.055 ng
RT: 15.086 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

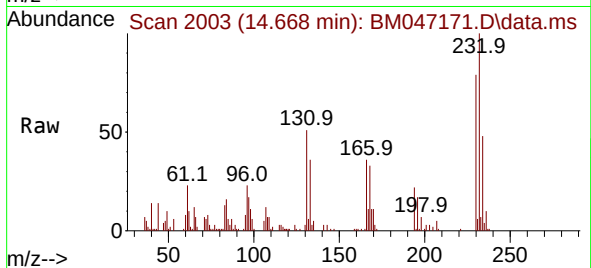
Tgt Ion:166 Resp: 159117
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 13.0 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.518 ng
RT: 14.668 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

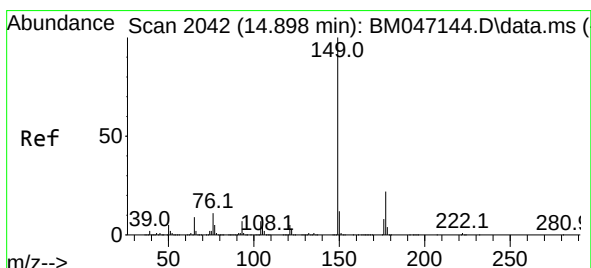
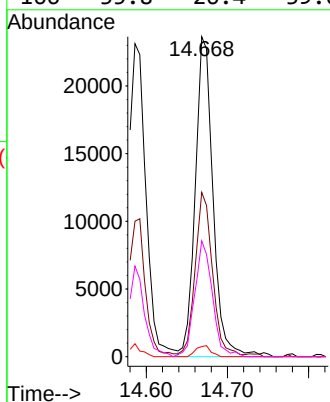
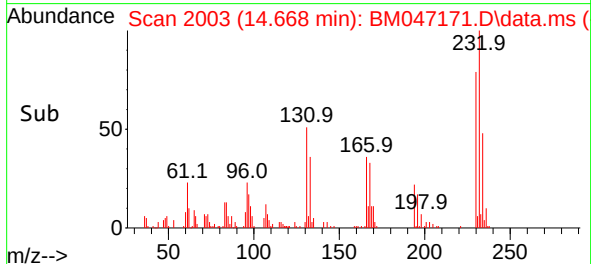
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



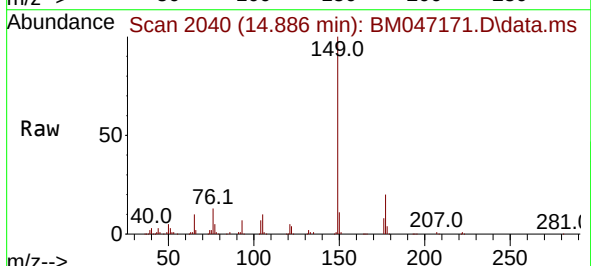
Tgt Ion:232 Resp: 36010
Ion Ratio Lower Upper
232 100
131 48.7 36.9 55.3
130 2.9 2.0 3.0
166 35.8 26.4 39.6

Manual Integrations
APPROVED

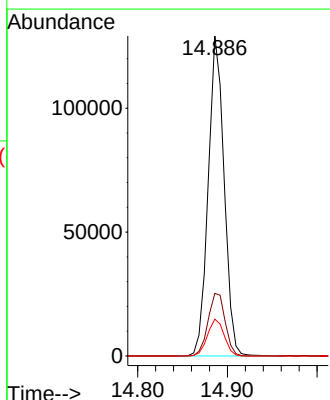
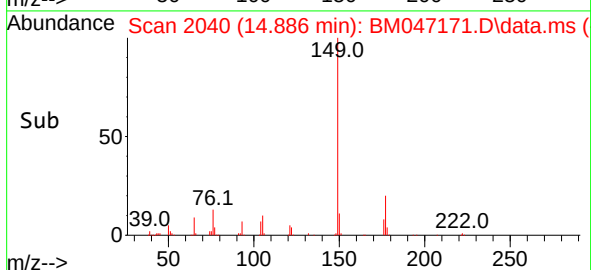
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

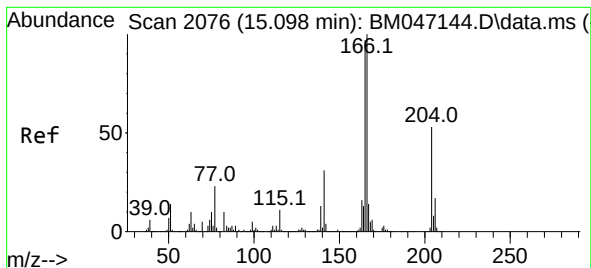


#60
Diethylphthalate
Concen: 3.855 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



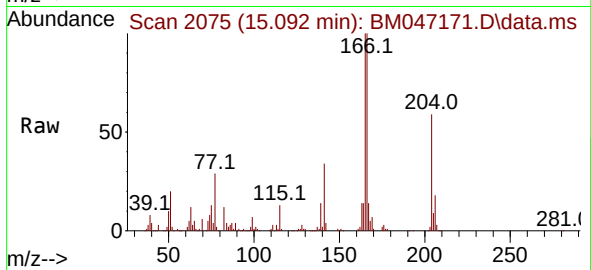
Tgt Ion:149 Resp: 159071
Ion Ratio Lower Upper
149 100
177 19.6 17.6 26.4
150 11.5 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 4.059 ng
RT: 15.092 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

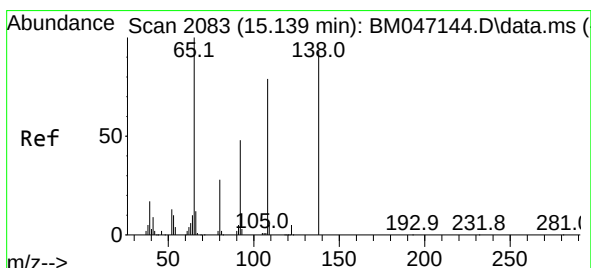
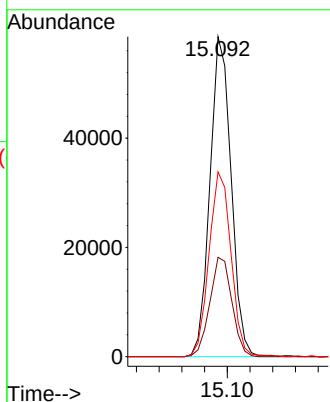
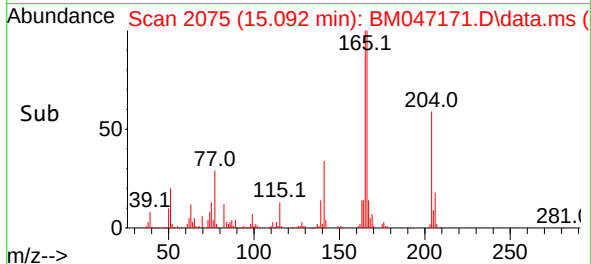
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:204 Resp: 75828
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.4
141 57.8 47.2 70.8

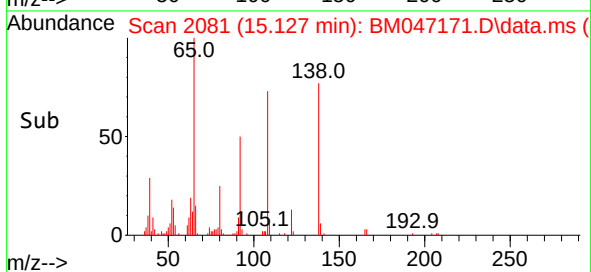
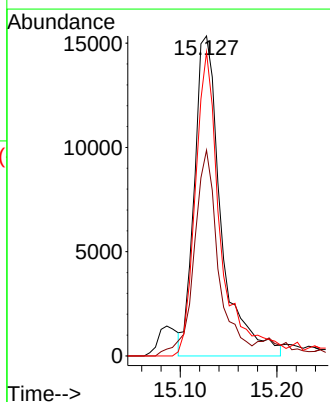
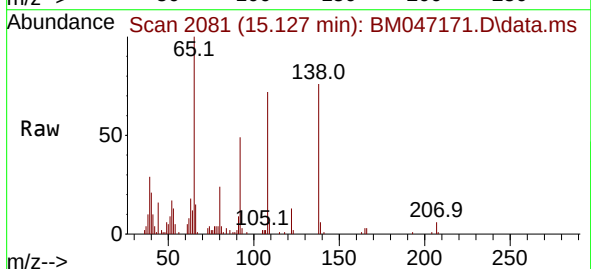
Manual Integrations
APPROVED

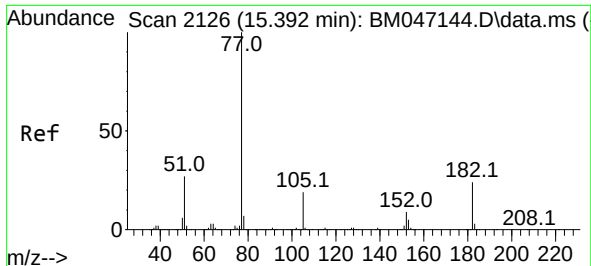
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 3.164 ng m
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

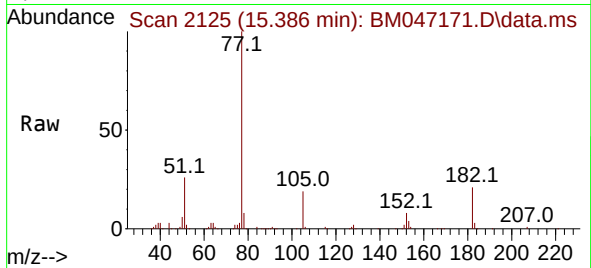
Tgt Ion:138 Resp: 29508
Ion Ratio Lower Upper
138 100
92 64.3 31.9 71.9
108 95.0 63.8 103.8





#63
Azobenzene
Concen: 4.101 ng
RT: 15.386 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

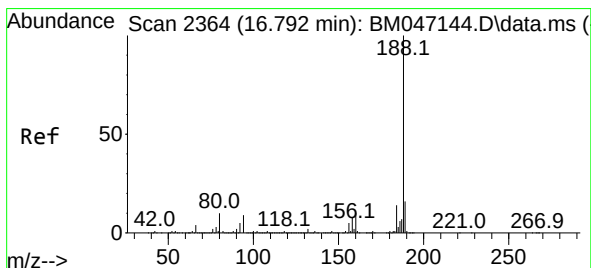
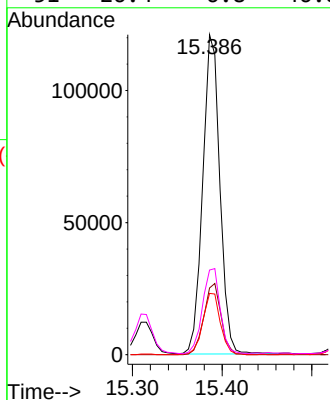
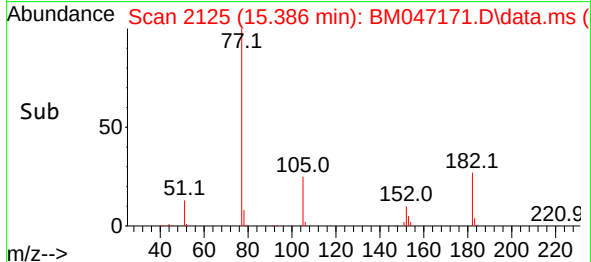
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion: 77 Resp: 160475
Ion Ratio Lower Upper
77 100
182 20.9 3.8 43.8
105 19.2 0.0 39.5
51 26.4 6.8 46.8

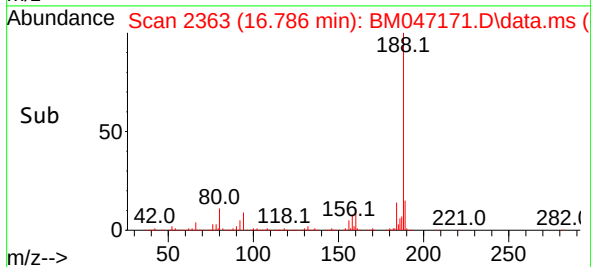
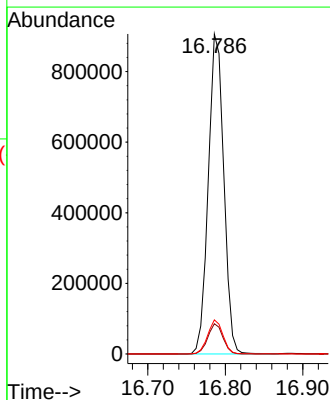
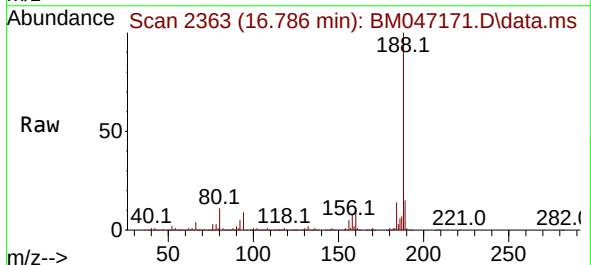
Manual Integrations
APPROVED

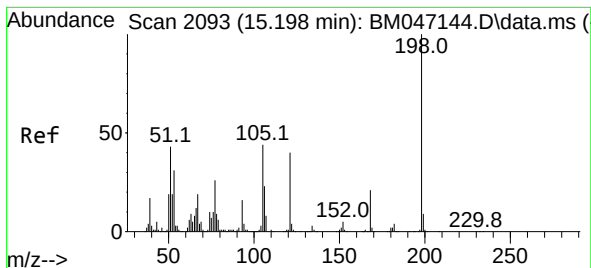
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

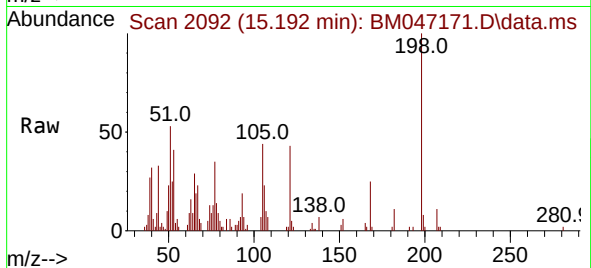
Tgt Ion:188 Resp: 1258334
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.7 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 2.443 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

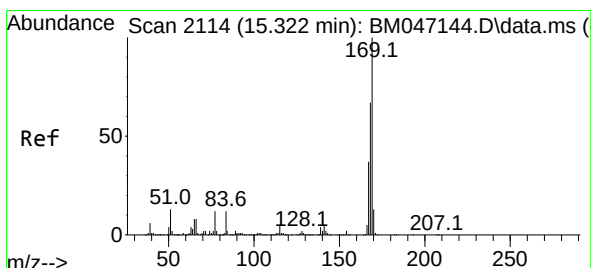
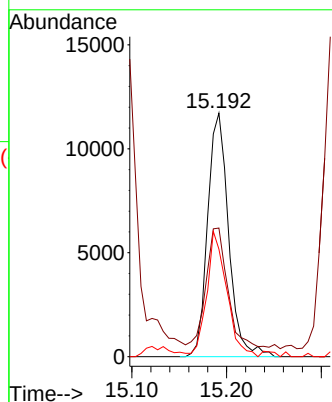
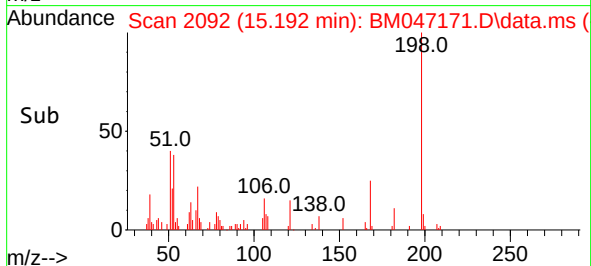
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



Tgt Ion:198 Resp: 1799
Ion Ratio Lower Upper
198 100
51 52.8 23.9 63.9
105 44.2 24.3 64.3

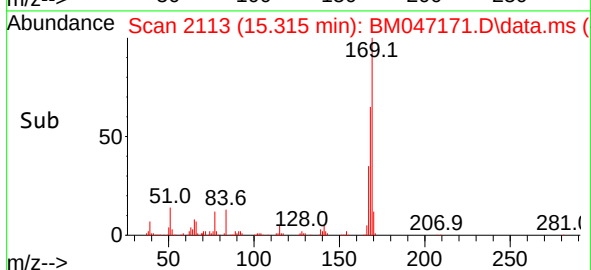
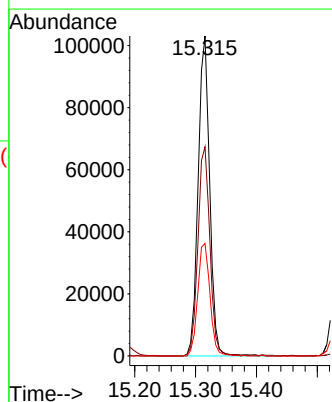
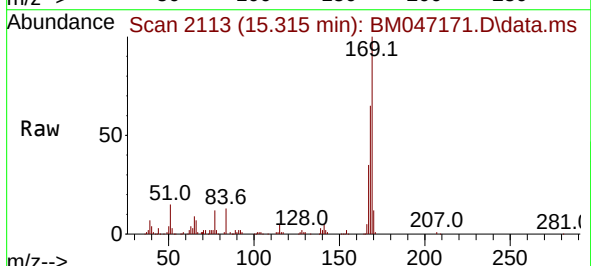
Manual Integrations
APPROVED

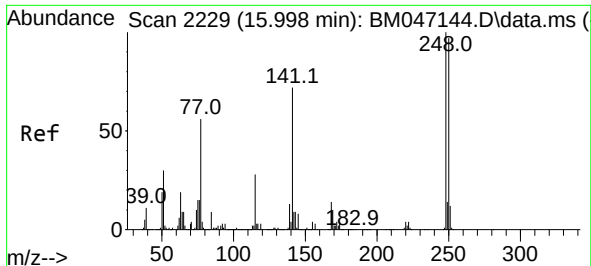
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 3.969 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

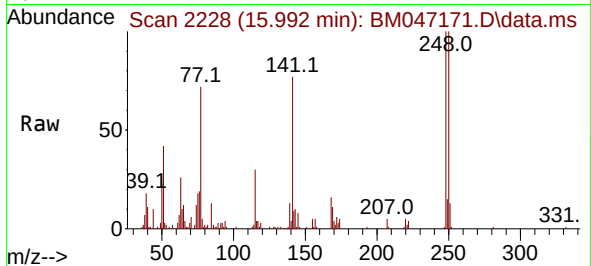
Tgt Ion:169 Resp: 136031
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.8
167 35.2 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 3.538 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

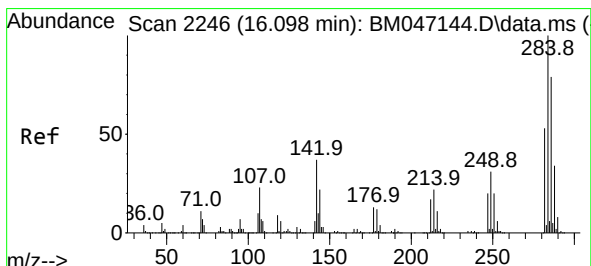
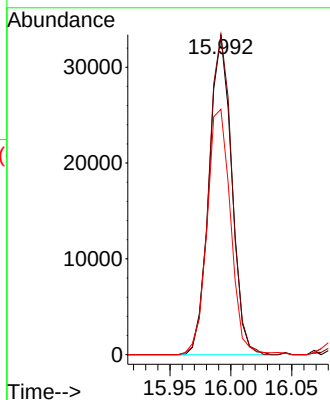
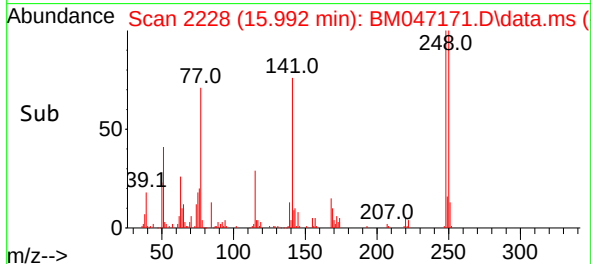
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



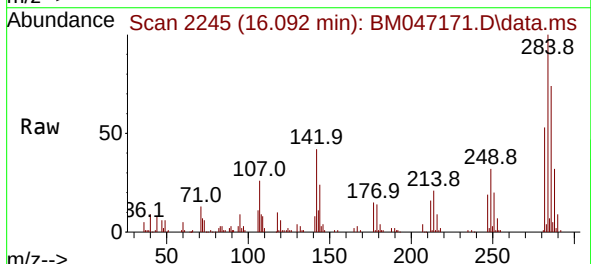
Tgt Ion:248 Resp: 4289
Ion Ratio Lower Upper
248 100
250 100.4 77.8 116.8
141 77.0 57.7 86.5

Manual Integrations
APPROVED

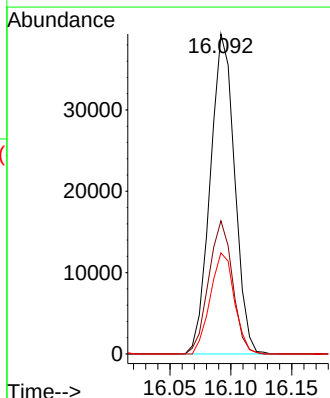
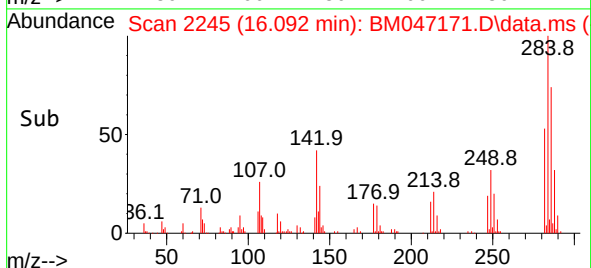
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

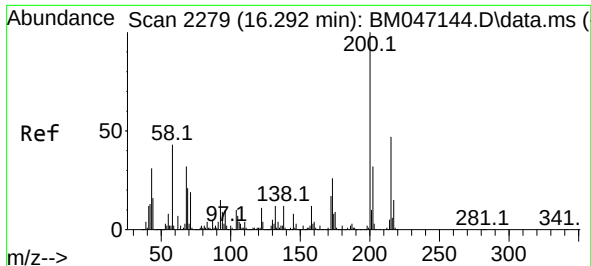


#68
Hexachlorobenzene
Concen: 3.773 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



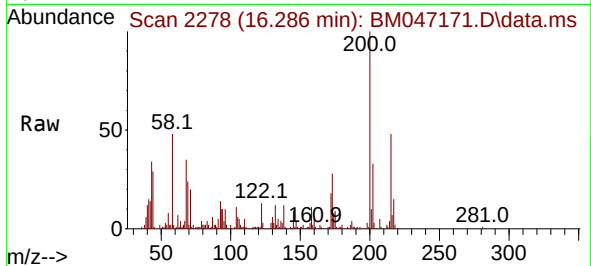
Tgt Ion:284 Resp: 54791
Ion Ratio Lower Upper
284 100
142 41.6 29.4 44.0
249 31.6 25.1 37.7





#69
 Atrazine
 Concen: 4.139 ng
 RT: 16.286 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

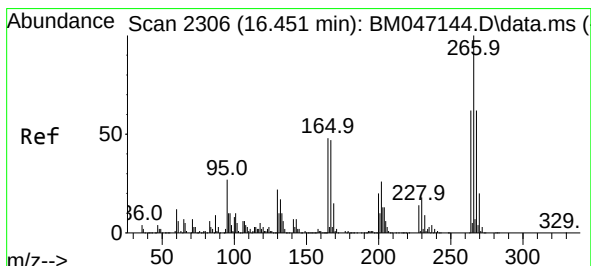
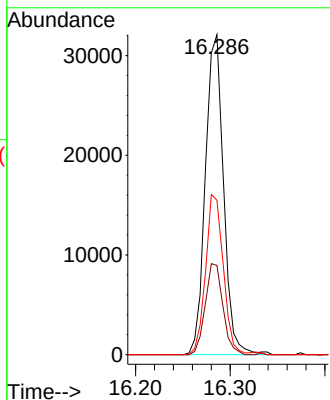
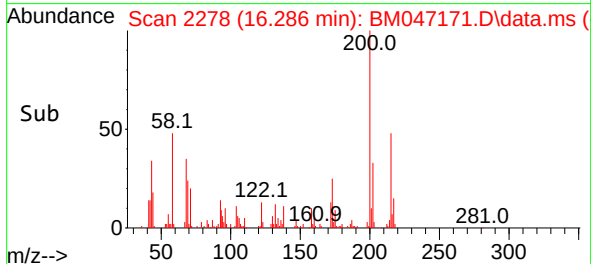
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion:200 Resp: 42690
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.1 46.1
 215 48.2 26.8 66.8

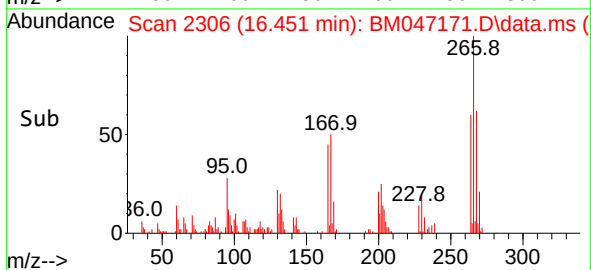
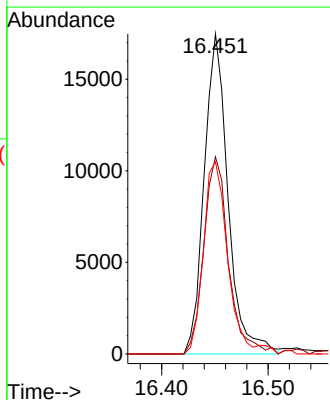
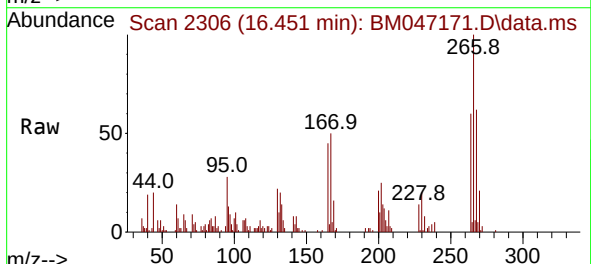
Manual Integrations
 APPROVED

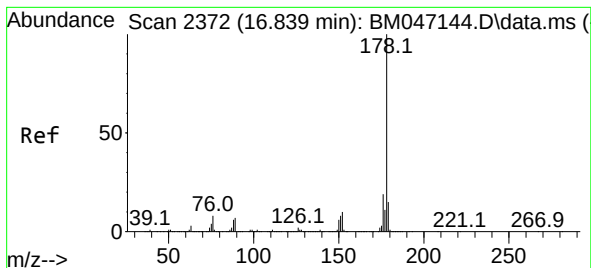
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#70
 Pentachlorophenol
 Concen: 2.671 ng
 RT: 16.451 min Scan# 2306
 Delta R.T. -0.000 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

Tgt Ion:266 Resp: 27191
 Ion Ratio Lower Upper
 266 100
 268 61.6 49.8 74.6
 264 60.1 49.6 74.4





#71

Phenanthrene

Concen: 4.243 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

Tgt Ion:178 Resp: 267919

Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

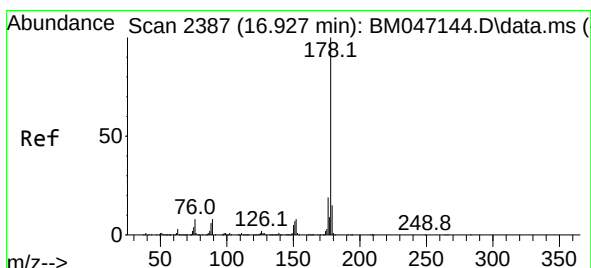
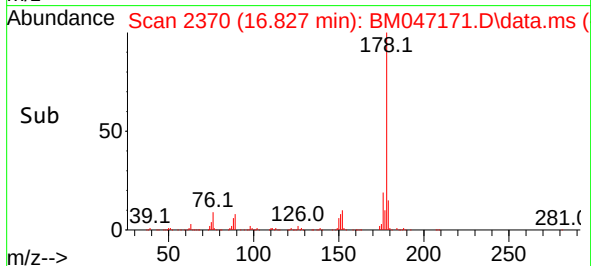
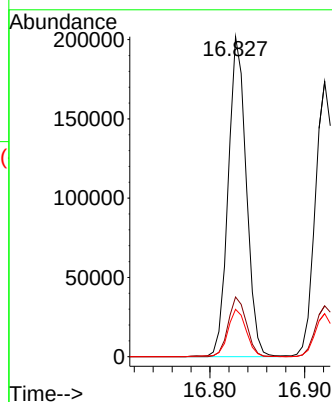
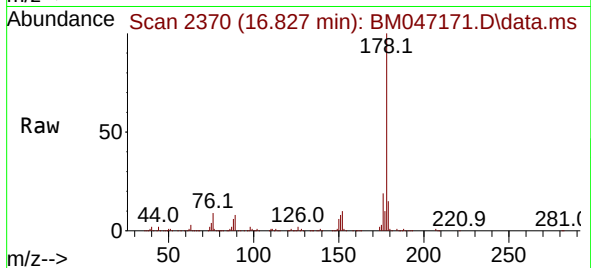
179 14.8 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#72

Anthracene

Concen: 4.035 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

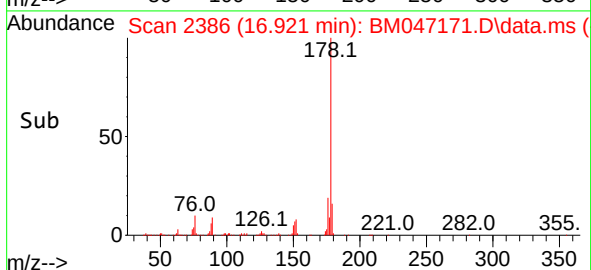
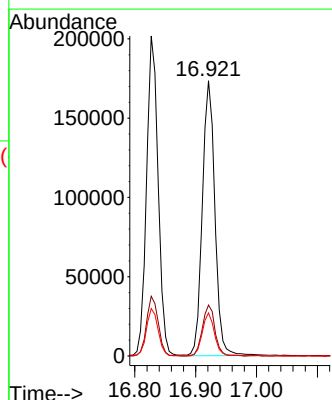
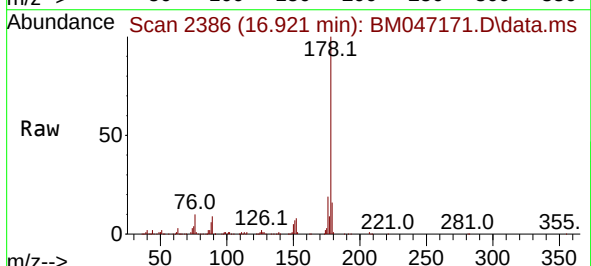
Tgt Ion:178 Resp: 247918

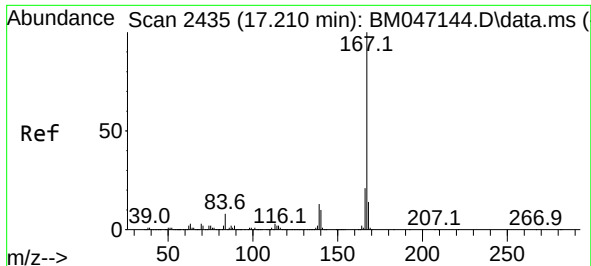
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

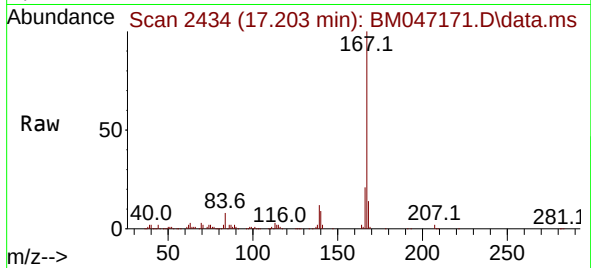
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 3.842 ng
 RT: 17.203 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

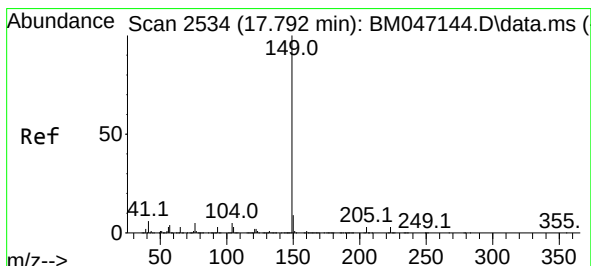
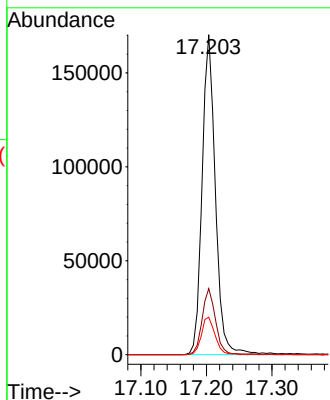
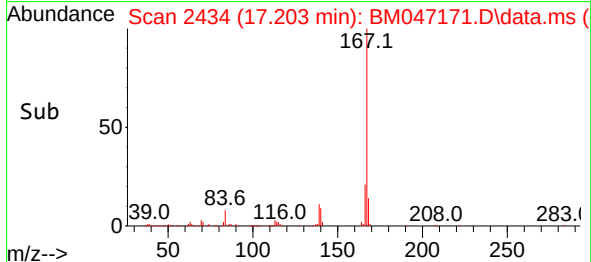
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2024



Tgt Ion:167 Resp: 241073
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.1 25.7
 139 11.7 10.0 15.0

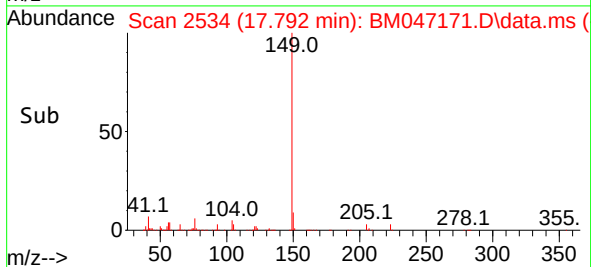
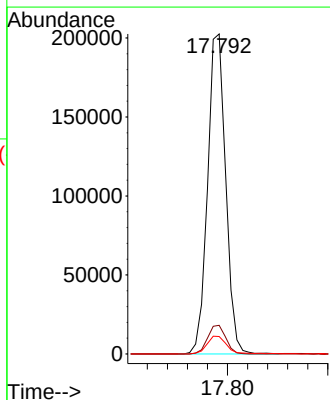
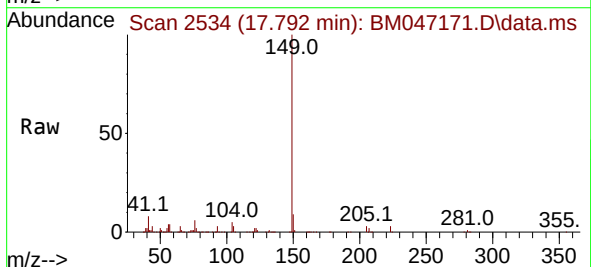
Manual Integrations
 APPROVED

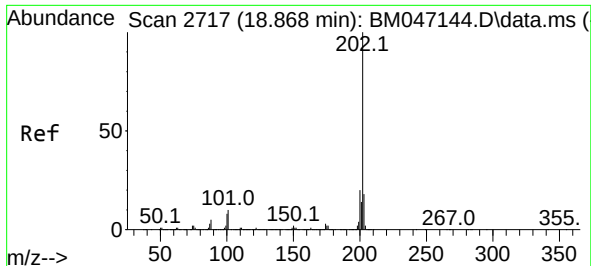
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#74
 Di-n-butylphthalate
 Concen: 3.484 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047171.D
 Acq: 13 Aug 2024 12:21

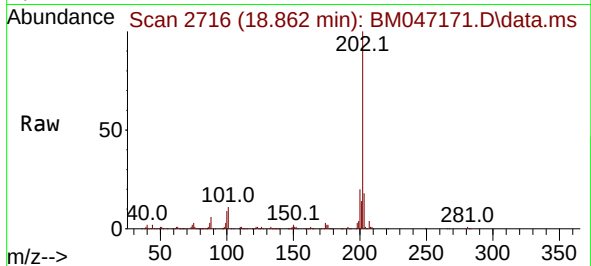
Tgt Ion:149 Resp: 254346
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 3.739 ng
RT: 18.862 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21

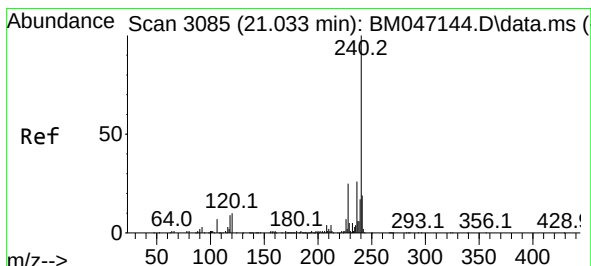
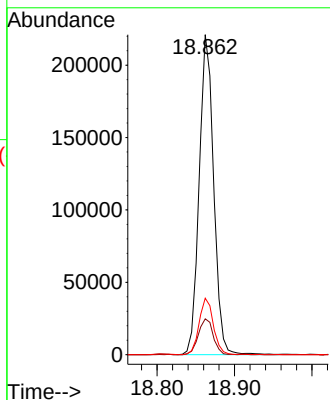
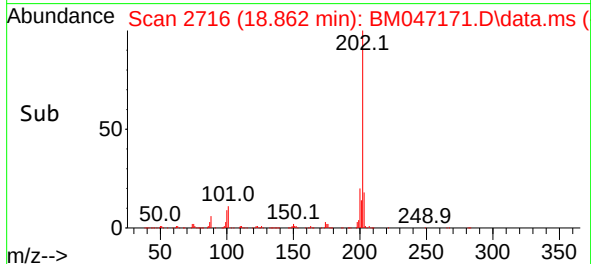
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2024



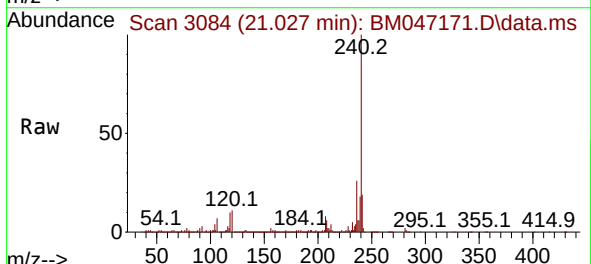
Tgt Ion:202 Resp: 287210
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.2
203 17.6 0.0 37.6

Manual Integrations
APPROVED

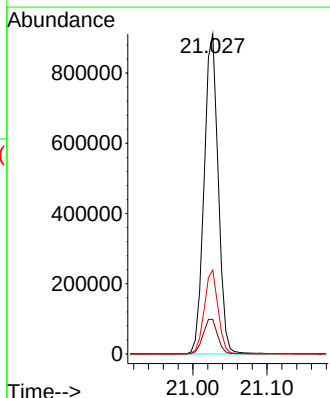
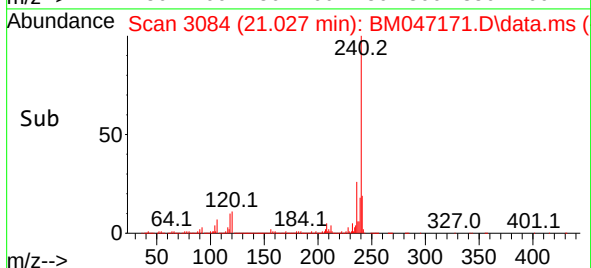
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

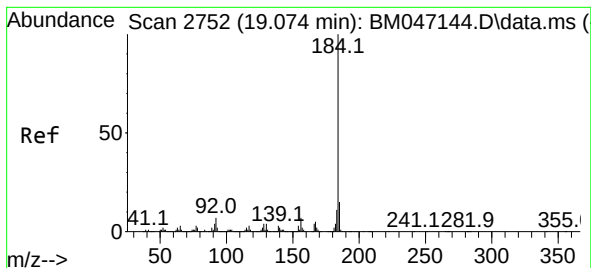


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047171.D
Acq: 13 Aug 2024 12:21



Tgt Ion:240 Resp: 1205514
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 26.2 20.6 30.8





#77

Benzidine

Concen: 4.390 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047171.D

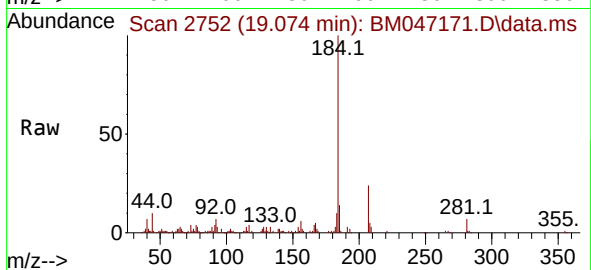
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

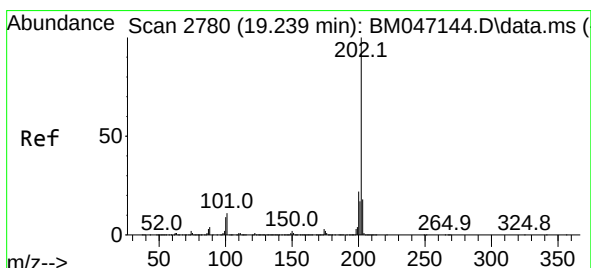
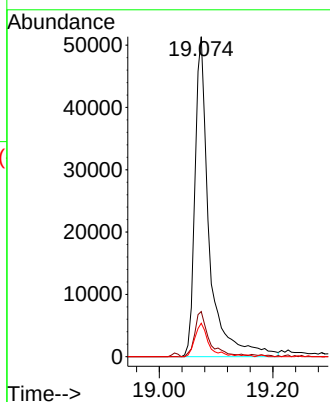
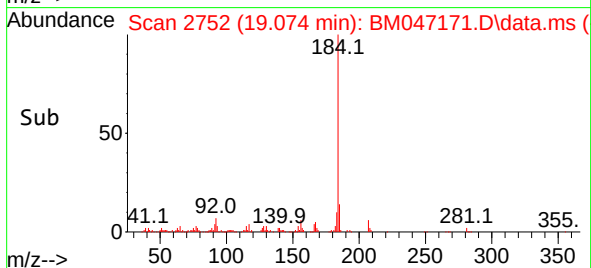
MDL-WATER-03-QT3-2024



Tgt Ion:184	Resp:	89750
Ion Ratio	Lower	Upper
184	100	
185	14.1	11.8 17.6
183	10.4	9.0 13.6

Manual Integrations
APPROVED

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



#78

Pyrene

Concen: 3.543 ng

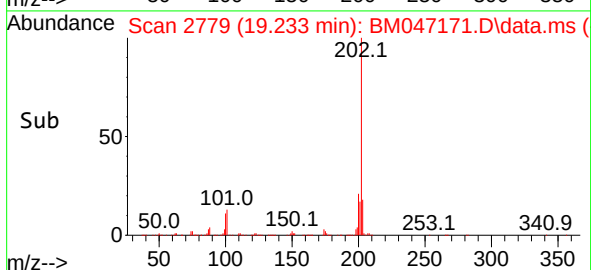
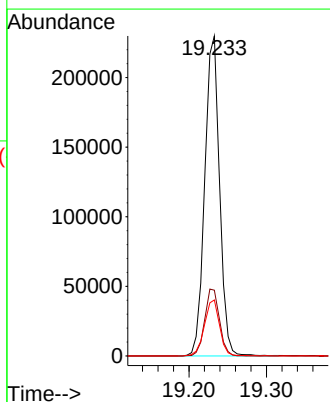
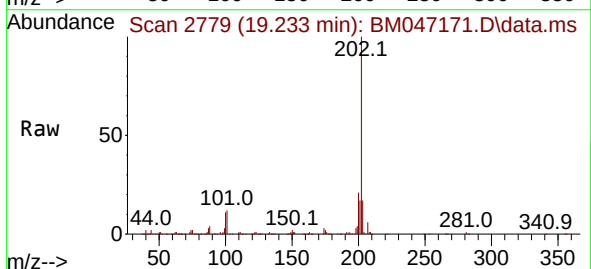
RT: 19.233 min Scan# 2779

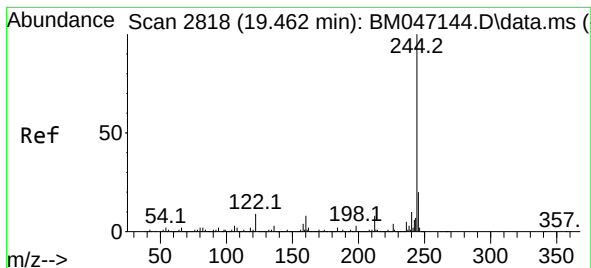
Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:202	Resp:	304939
Ion Ratio	Lower	Upper
202	100	
200	20.6	17.2 25.8
203	17.5	14.2 21.2





#79

Terphenyl-d14

Concen: 84.568 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047171.D

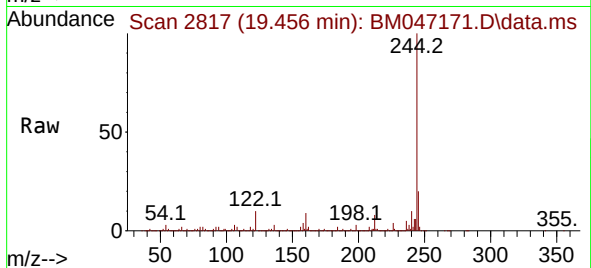
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:244 Resp: 4757770

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

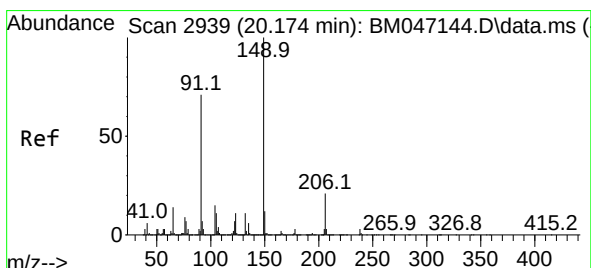
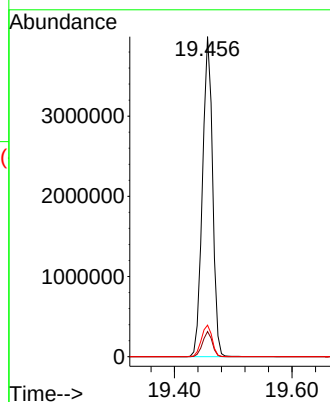
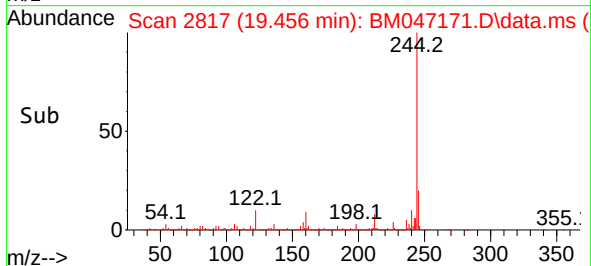
122 9.8 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#80

Butylbenzylphthalate

Concen: 3.076 ng

RT: 20.174 min Scan# 2939

Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

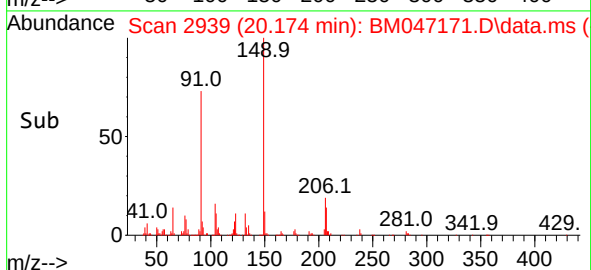
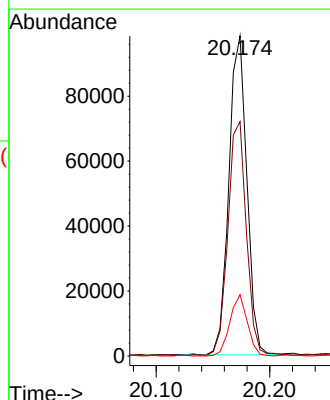
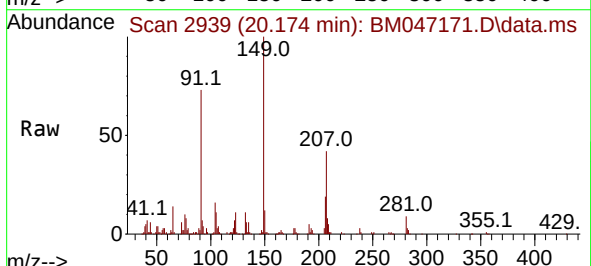
Tgt Ion:149 Resp: 108041

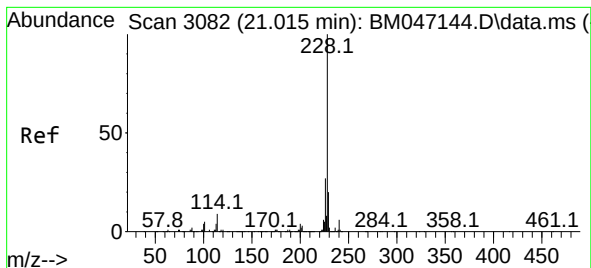
Ion Ratio Lower Upper

149 100

91 73.3 57.0 85.4

206 19.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 3.935 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

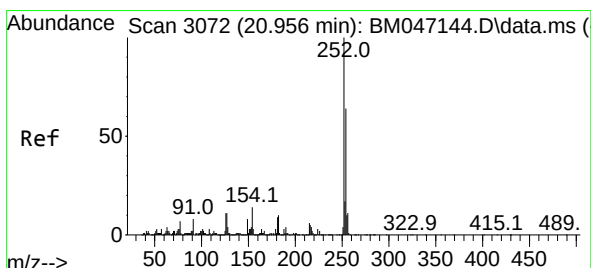
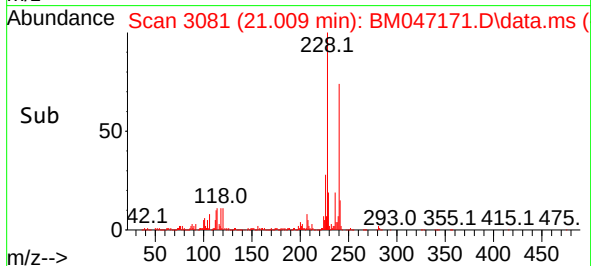
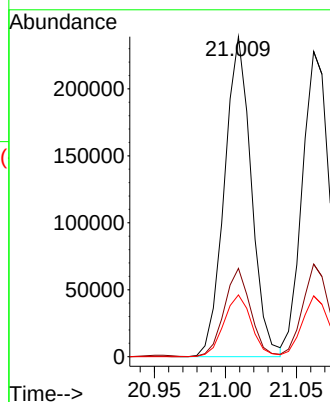
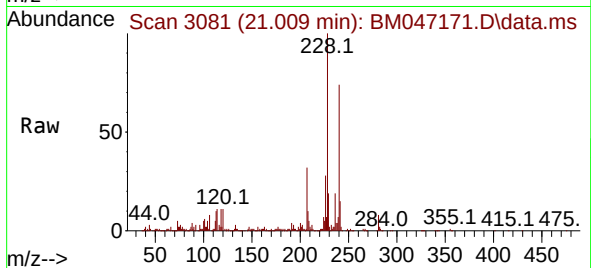
Tgt Ion:228 Resp: 314920
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.8 32.6
 229 19.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.811 ng

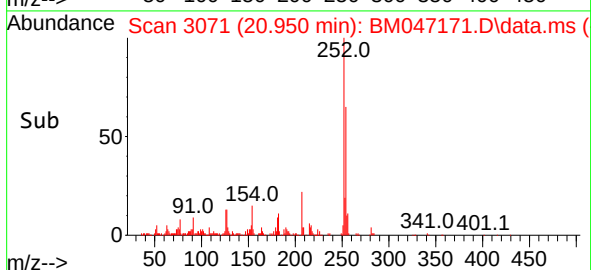
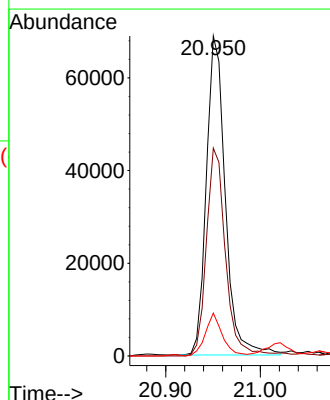
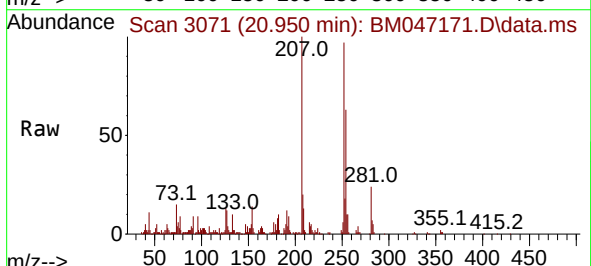
RT: 20.950 min Scan# 3071

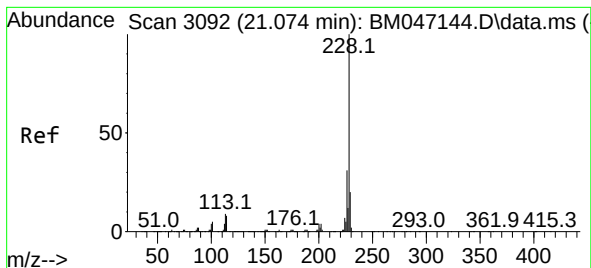
Delta R.T. -0.006 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:252 Resp: 95418
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.0 76.6
 126 13.4 8.5 12.7#





#83

Chrysene

Concen: 4.027 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

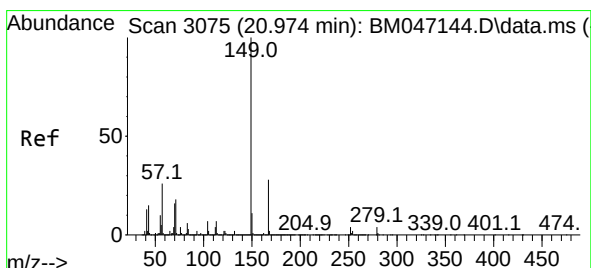
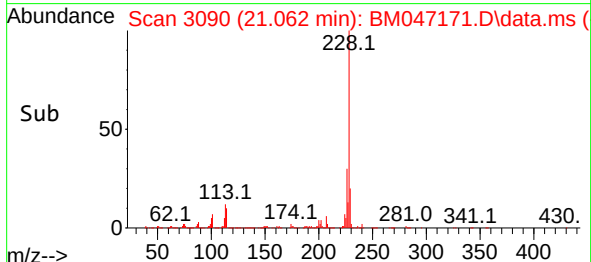
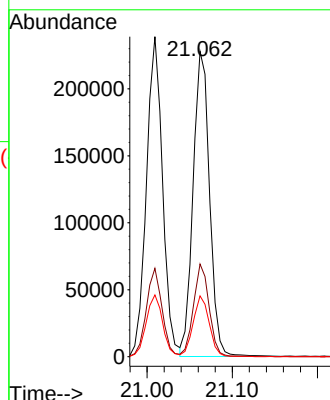
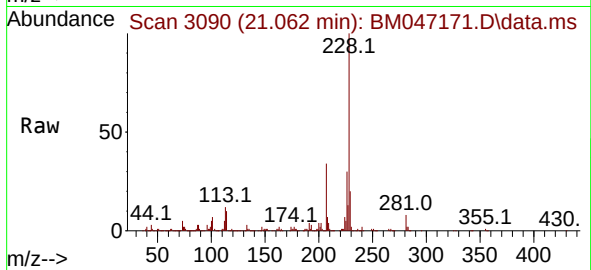
Tgt Ion:228 Resp: 305780
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.186 ng

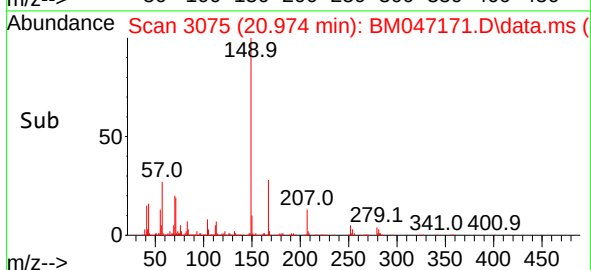
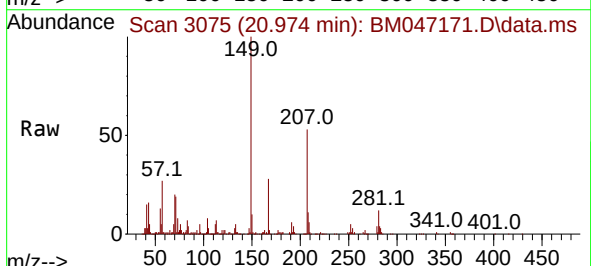
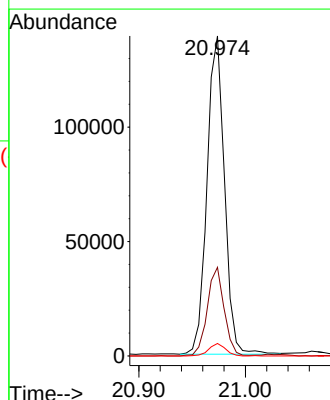
RT: 20.974 min Scan# 3075

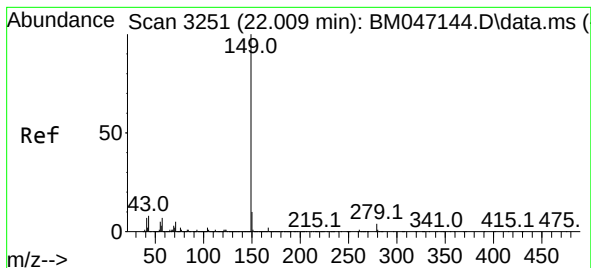
Delta R.T. -0.000 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:149 Resp: 158726
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 2.905 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047171.D

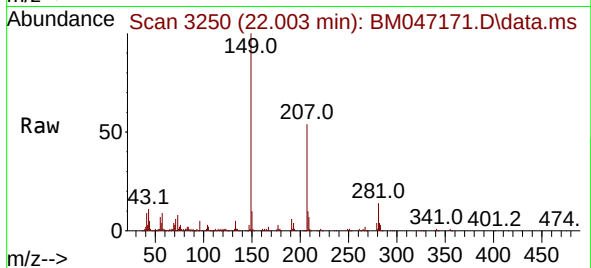
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



Tgt Ion:149 Resp: 245970

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

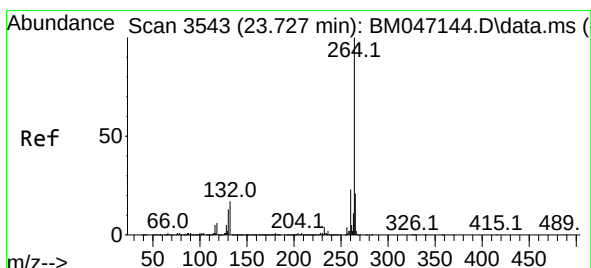
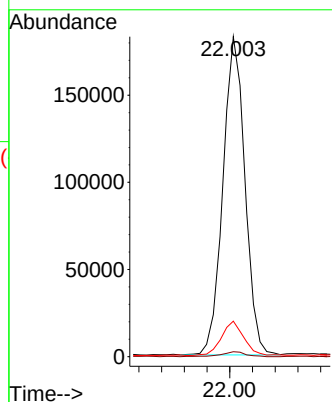
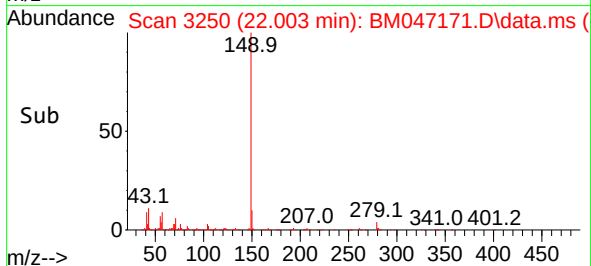
43 10.9 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

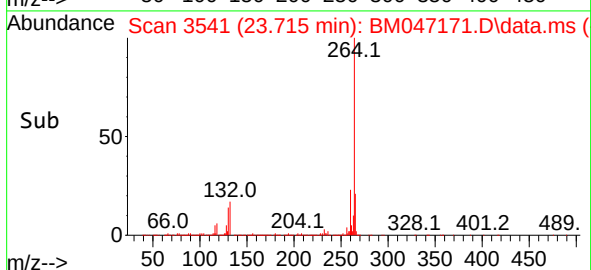
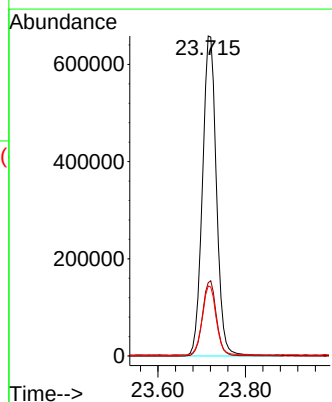
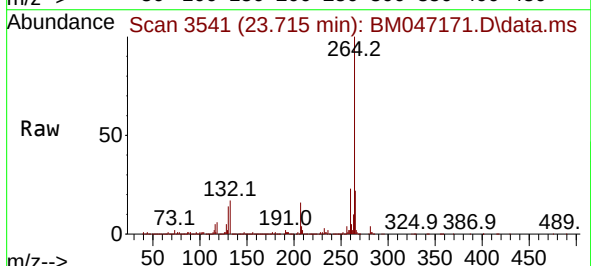
Tgt Ion:264 Resp: 1467419

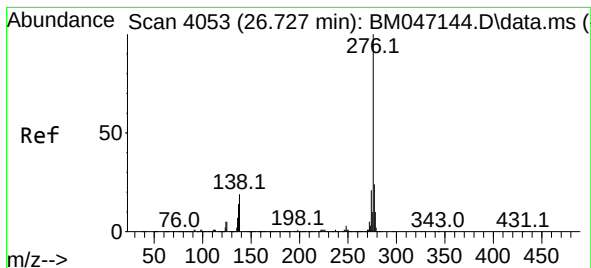
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.945 ng

RT: 26.697 min Scan# 4053

Delta R.T. -0.030 min

Lab File: BM047171.D

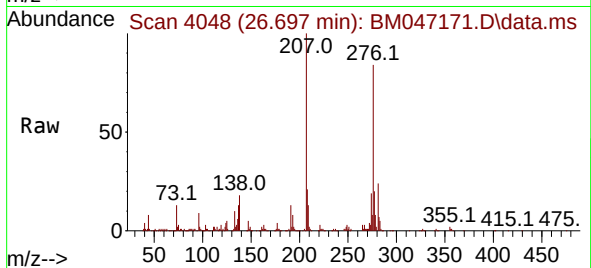
Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024



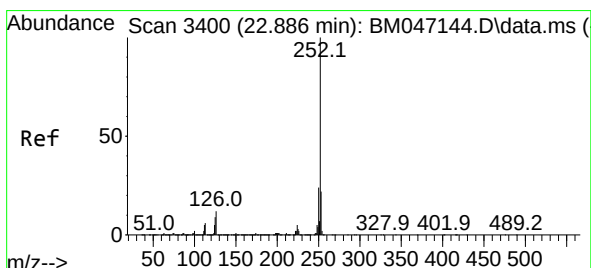
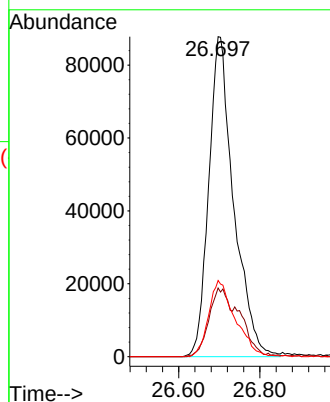
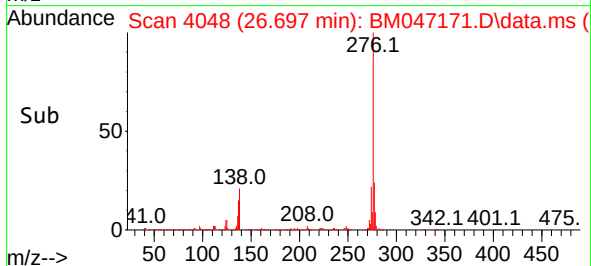
Tgt Ion:	276	Resp:	37420
Ion Ratio	Lower	Upper	
276	100		
138	17.8	19.4	29.0
277	25.3	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#88

Benzo(b)fluoranthene

Concen: 3.690 ng

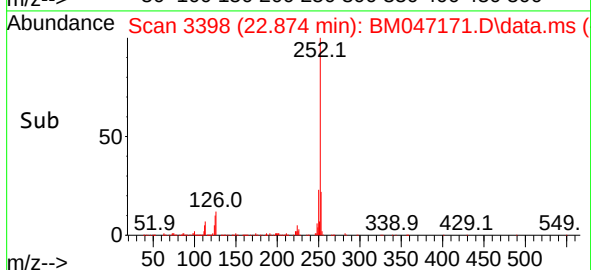
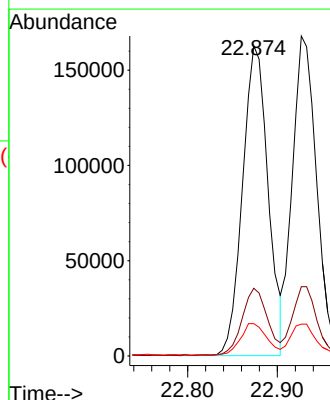
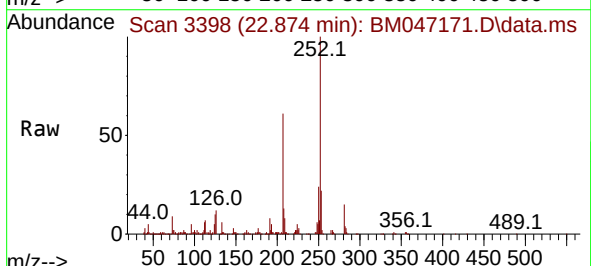
RT: 22.874 min Scan# 3398

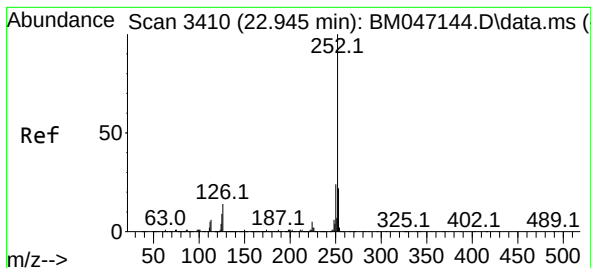
Delta R.T. -0.012 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:	252	Resp:	321547
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	10.4	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 3.830 ng

RT: 22.927 min Scan# 3410

Delta R.T. -0.018 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

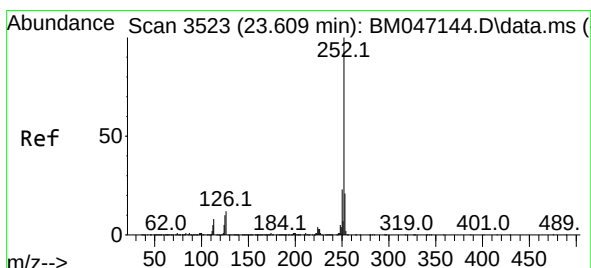
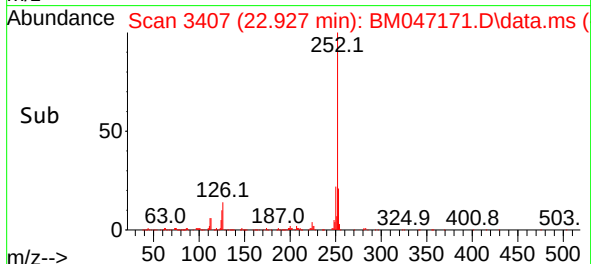
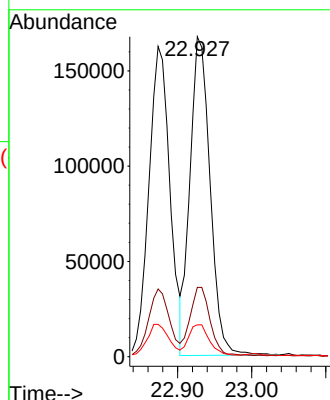
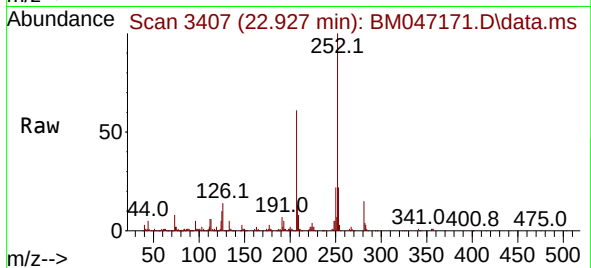
Tgt Ion:252 Resp: 315275
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 9.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#90

Benzo(a)pyrene

Concen: 3.733 ng

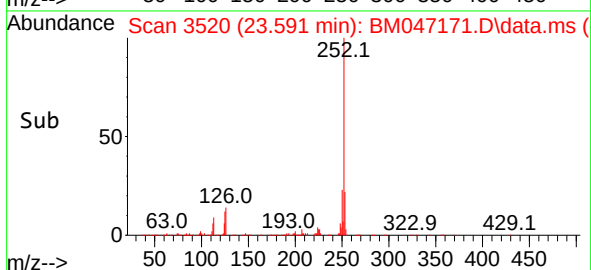
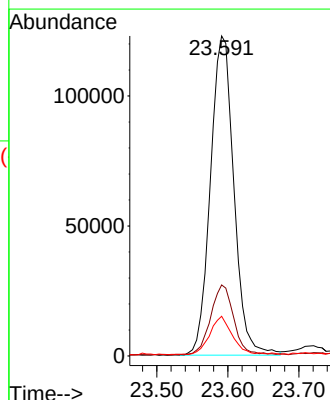
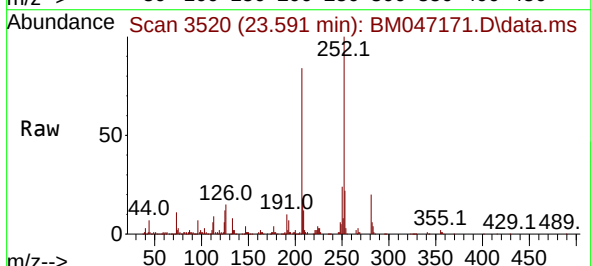
RT: 23.591 min Scan# 3520

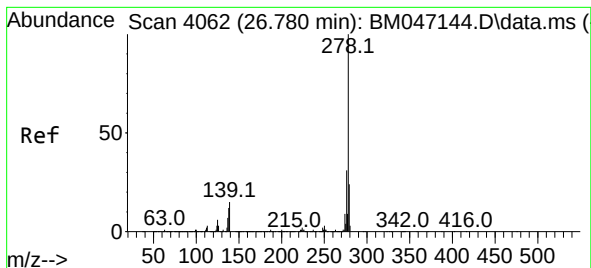
Delta R.T. -0.018 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:252 Resp: 281806
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.1 25.7
 125 12.4 8.2 12.2#





#91

Dibenzo(a,h)anthracene

Concen: 4.065 ng

RT: 26.750 min Scan# 4062

Delta R.T. -0.030 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2024

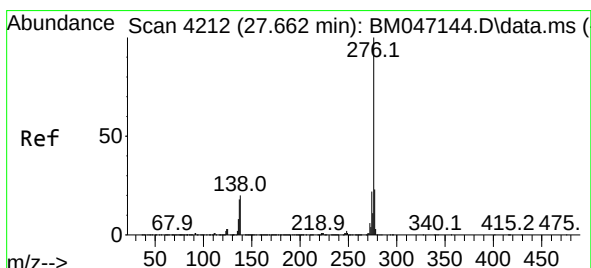
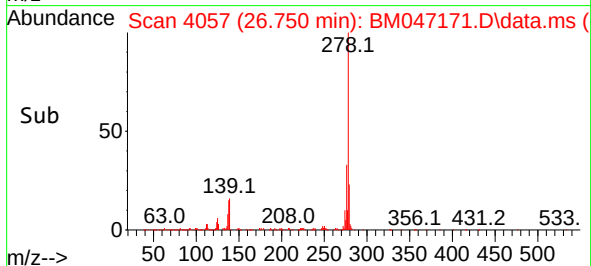
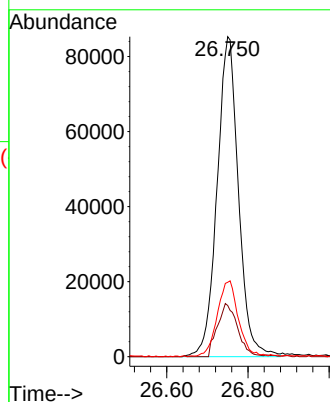
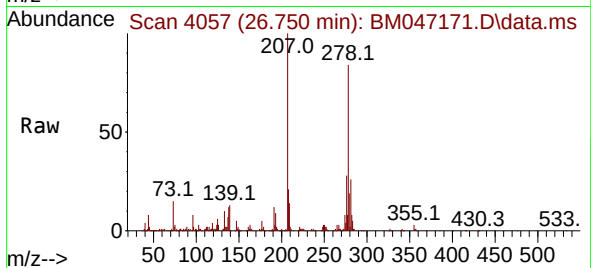
Tgt Ion:	278	Resp:	31206
Ion Ratio	Lower	Upper	
278	100		
139	16.0	12.0	18.0
279	23.3	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#92

Benzo(g,h,i)perylene

Concen: 3.859 ng

RT: 27.620 min Scan# 4205

Delta R.T. -0.041 min

Lab File: BM047171.D

Acq: 13 Aug 2024 12:21

Tgt Ion:	276	Resp:	307588
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.8	28.2
138	22.3	16.2	24.4

